

Biography of D. F. L. von Schlechtendal and type material of his new taxa preserved in the herbarium of Martin Luther University Halle-Wittenberg (HAL) and other botanical collections

Bettina HEUCHERT, Uwe BRAUN, Natalia TKACH, Denise MARX & Martin RÖSER

Abstract: Heuchert, B., Braun, U., Tkach, N., Marx, D. & Röser, M. 2017: Biography of D. F. L. von Schlechtendal and type material of his new taxa preserved in the herbarium of Martin Luther University Halle-Wittenberg (HAL) and other botanical collections. *Schlechtendalia* **31**: 1–143.

D. F. L. von Schlechtendal (1794–1866) was professor of botany and director of the botanical garden in Halle (Saale) from 1833 to 1866. He was one of the leading and most productive German botanists of the 19th century, who, inter alia, introduced about 1,600 new taxa, most of them new species, including 78 new genera. Schlechtendal's private herbarium was purchased by the university after his death from his widow and represents the historical nucleus of the present-day herbarium of the Martin Luther University (HAL). Based on Schubert's (1964) unpublished dissertation and other sources, Schlechtendal's life and work is outlined. All taxa described by Schlechtendal are summarized in an annotated list, including details of type collections preserved in the herbarium of Martin Luther University Halle-Wittenberg and in other botanical collections. Previous typifications of the taxa concerned were scrutinized in the light of the rules of the International Code of Nomenclature for Algae, Fungi, and Plants.

The following taxa are lectotypified: *Acacia clavata*, *A. cyclophylla*, *Ammania catholica*, *Annona globiflora*, *Aspidium thelypteris* var. *squamigerum*, *Atragene wenderothii*, *Bouvardia houtteana*, *Brunia passerinoides*, *Bupleurum brevicaule*, *Castilleja arvensis*, *Cestrum oblongifolium*, *Chloris meccana*, *Condalia mexicana*, *Convolvulus polyanthus*, *C. variabilis*, *Cordia ambigua*, *Croton conspurcatus*, *C. draco*, *C. ehrenbergii*, *C. pseudochina*, *C. pseudochina* var. *minor*, *Cuphea linarioides*, *Desmodium affine*, *Diodia polymorpha*, *Elaphrium simplicifolium*, *Epilobium repens*, *Eryngium depeanum*, *Eugenia macrocarpa*, *Exostema formosum*, *Galium cotinoides*, *G. obtipum* f. *angustifolium*, *Geophila reniformis* var. *asiatica*, *Grevillea behrii*, *Halgania strigosa*, *Hydrocotyle calliodus*, *H. mexicana*, *Hypericum campestre*, *Lisianthus saponarioides*, *Myrtus capuli*, *M. trunciflora*, *Niphogeton andicola*, *Peperomia asarifolia*, *Physalis nicandroides*, *Potentilla nivea* var. *camschatica*, *Smilax medica*, *Stachys boraginoides*, *Tauschia nudicaulis*, *Trichomanes melanotrichum*, *Veratrum frigidum*, *Veronica alpina* L. var. *unalaschcensis*, and *Viola ciliata*. *Borreria scabiosoides* is neotypified.

Zusammenfassung: Heuchert, B., Braun, U., Tkach, N., Marx, D. & Röser, M. 2017: Biographie von D. F. L. von Schlechtendal und Typusmaterial seiner neuen Taxa, die im Herbarium der Martin-Luther-Universität Halle-Wittenberg (HAL) und anderen botanischen Sammlungen erhalten sind. *Schlechtendalia* **31**: 1–143.

D. F. L. von Schlechtendal (1794–1866) war von 1833 bis 1866 Professor für Botanik und Direktor des Botanischen Gartens in Halle (Saale). Er war einer der führenden und produktivsten deutschen Botaniker des 19ten Jahrhunderts, der unter anderem etwa 1600 neue Taxa eingeführt hat, die meisten davon Arten, einschließlich 78 neuer Gattungen. Schlechtendals privates Herbarium wurde nach seinem Tod durch die Universität von seiner Witwe gekauft und stellt den historischen Grundstock des heutigen Herbariums der Martin-Luther-Universität dar. Auf Grundlage der unveröffentlichten Dissertation von Schubert (1964) und anderer Quellen wird Leben und Werk von Schlechtendal dargestellt. Alle von Schlechtendal beschriebenen Taxa sind in einer annotierten Liste zusammengefasst, einschließlich detaillierter Angaben zu Typus-Kollektionen, die im Herbarium der Martin-Luther-Universität und anderen botanischen Sammlungen aufbewahrt werden. Frühere Typisierungen wurden hinterfragt und hinsichtlich der Regeln des Internationalen Codes der Nomenklatur für Algen, Pilze und Pflanzen überprüft.

Folgende Taxa werden lectotypisiert: *Acacia clavata*, *A. cyclophylla*, *Ammania catholica*, *Annona globiflora*, *Aspidium thelypteris* var. *squamigerum*, *Atragene wenderothii*, *Bouvardia houtteana*, *Brunia passerinoides*, *Bupleurum brevicaule*, *Castilleja arvensis*, *Cestrum oblongifolium*, *Chloris meccana*, *Condalia mexicana*, *Convolvulus polyanthus*, *C. variabilis*, *Cordia ambigua*, *Croton conspurcatus*, *C. draco*, *C. ehrenbergii*, *C. pseudochina*, *C. pseudochina* var. *minor*, *Cuphea linarioides*, *Desmodium affine*, *Diodia polymorpha*, *Elaphrium simplicifolium*, *Epilobium repens*, *Eryngium depeanum*, *Eugenia macrocarpa*, *Exostema formosum*, *Galium cotinoides*, *G. obtipum* f. *angustifolium*, *Geophila reniformis* var. *asiatica*, *Grevillea behrii*, *Halgania strigosa*, *Hydrocotyle calliodus*, *H. mexicana*, *Hypericum campestre*, *Lisianthus saponarioides*, *Myrtus capuli*, *M. trunciflora*, *Niphogeton andicola*, *Peperomia asarifolia*, *Physalis nicandroides*, *Potentilla nivea* var. *camschatica*, *Smilax medica*, *Stachys boraginoides*, *Tauschia nudicaulis*, *Trichomanes melanotrichum*, *Veratrum frigidum*, *Veronica alpina* L. var. *unalaschcensis*, and *Viola ciliata*. *Borreria scabiosoides* wird neotypisiert.

Key words: Schlechtendal, life and work, typification, HAL.

Published online 08 Mar. 2017.

Contents

1.	Introduction	2
2.	Methods	3
3.	Life and work of D. F. L. von Schlechtendal	4
3.1.	Childhood in Xanten	4
3.2.	School days, youth and university education in Berlin	5
3.3.	His time as curator at the Friedrich Wilhelm University in Berlin	7
3.4.	Schlechtendal as successor of Sprengel in Halle (Saale)	10
3.5.	Activities as director of the botanical garden in Halle (Saale)	15
3.6.	Schlechtendal's scientific work	17
3.7.	Activities as publisher	17
3.8.	Schlechtendal's correspondence	19
3.9.	Memberships of scientific societies	19
4.	Annotated list of type collections	19
4.1.	List of taxa described by D. F. L. von Schlechtendal	19
4.2.	List of taxa erroneously ascribed to D. F. L. von Schlechtendal	130
5.	Acknowledgements	141
6.	Literature	141

1. Introduction

The herbarium in Halle (Saale) evolved in parallel with the botanical garden, which was founded in 1698 as a medicinal herb garden of the university. It was the first garden of this kind in Prussia (Kümmel 1998). There was no formal foundation of the herbarium, but the beginnings of a true herbarium that deserves this name go back to the year 1819, in which the botanical collections of Christian Schkuhr (1741–1811), German botanist and university “mechanicus” (technician) at Wittenberg, were transferred from Wittenberg to Halle (Saale) after the universities of the two cities were fused in 1817. Schkuhr's herbarium had been purchased after his death in 1812 by the University of Wittenberg. His herbarium, comprising some garden and wild plants collected around Wittenberg and especially his famous collection of sedges, can be considered the historical beginning of the Halle university herbarium (Braun & Werner 2007). A catalogue of the herbarium compiled in 1825 listed about 4,300 species. At that time, Kurt Polykarp Joachim Sprengel (1766–1833) was director of the botanical garden in Halle. Sprengel was a highly regarded, productive botanist and taxonomist with a large valuable private herbarium including numerous type collections, but he largely neglected the university herbarium. Unfortunately, Sprengel's herbarium was not acquired by Halle university after his death in 1833 and is consequently not preserved at HAL. His herbarium was sold in portions and is now spread in various herbaria worldwide. In 1833, Diederich Franz Leonhard von Schlechtendal (1794–1866) was appointed professor of botany and director of the botanical garden in Halle and occupied this position until his death in 1866. Schlechtendal cared for the university herbarium, increased it, and built up a large private herbarium which represents the historical nucleus of the current herbarium of the Martin Luther University (HAL). Hence, Schlechtendal can be considered the most important founding father of the herbarium in Halle. He was one of the most productive German taxonomists in the first half of the 19th century. Numerous type collections consisting of about 1,600 taxa introduced by Schlechtendal are preserved at HAL. A first search for type collections of new taxa described by Schlechtendal preserved at HAL was carried out by Braun & Wittig (2003), based on an old incomplete list prepared by Schubert (1964). Subspecific taxa were largely neglected, particularly those described in Schlechtendal's “FLORA BEROLINENSIS” (Schlechtendal 1823/1824). The published results remained fragmentary and partly incorrect due to an incomplete list of taxa and a search focused solely on collections deposited under published names. Therefore, it was not surprising that several type collections were deposited and hidden under various names; other type specimens were later found under “unidentified collections”. A more profound search for type collections within the scope of a long-standing project of the “Global Plant Initiative” granted

by the American Andrew W. Mellon Foundation has searched each herbarium sheet at HAL to reveal numerous additional type collections of Schlechtendal's taxa. Furthermore, more complete lists of taxon names retrieved from important databases (IPNI, TROPICOS, The Plant List) were used as a basis for a deeper search. The results of our efforts are presented here in a comprehensive annotated list of plant names and corresponding type collections described by Schlechtendal.

In an unpublished dissertation, Schubert (1964) analysed and outlined Schlechtendal's life and work. A brief survey of his life and work, including a complete annotated list of his publications, was published by Heklau (1998), and a comprehensive presentation of the history of the old botanical garden of the university in Halle was provided by Kümmer (1998). This old dissertation and other publications written in German have been used as a basis for the following chapters putting Schlechtendal's life and merits into perspective for a wider public including a non-German-speaking one.

2. Methods and sources of information

A list of taxa described by D. F. L. von Schlechtendal has been garnered from important data bases (IPNI, TROPICOS, The Plant List), and used in a detailed search for type collections preserved at HAL. The entire list of names together with results of the detailed search for types at HAL has been verified by references and protologue data.

Internet sources used:

Botanischer Garten Halle, history: <http://www2.biologie.uni-halle.de/bot/boga/>

Herbarium HAL: <http://www.botanik.uni-halle.de/herbarium/>

International Code of Nomenclature for algae, fungi, and plants (Melbourne Code) 2012, <http://www.iapt-taxon.org/nomen/main.php>

Index Nominum Genericorum (ING): <http://botany.si.edu/ing/>

JSTOR Global Plants: <http://plants.jstor.org/>

The International Plant Names Index (IPNI): www.ipni.org

The Plant List: <http://www.theplantlist.org/>

Tropicos: <http://www.tropicos.org/>

Type material of Herbarium HAL: http://www.botanik.uni-halle.de/herbarium/93690_2831895

Virtual Herbaria JACQ: <http://herbarium.univie.ac.at/database/search.php>

Archive sources used by Schubert (1964):

(1) Gymnasium zum Grauen Kloster Berlin.

{1.1} Verzeichnis der in das Vereinigte Berlinisch-Köllnische Gymnasium (sonst Graues Kloster) und in die davon abhängigen beiden Schulen (die Berlinische und Köllnische) aufgenommenen Gymnasiasten und Schüler: Inscriptionsbuch 4 (1806–1822).

{1.2} Protokolle der Konferenzen, desgl. über die Prüfungen der Abiturienten und der zu versetzenden, ferner über die Revision der Arbeit, der Ferienarbeiten, des Solutiniums zu Prämien und Versetzungen, und anderer Angelegenheiten des Gymnasiums (1806–1813).

{1.3} Chronik des Gymnasiums zum Grauen Kloster (1813).

(2) Archive of the Humboldt University, Berlin.

{2.1} Matriculation document (1813).

{2.2} D. F. L. von Schlechtendal's curriculum vitae (1826).

{2.3} Documents referring to Willdenow's herbarium, 1 (1820–1821), 2 (1821–1833).

(3) Deutsches Zentralarchiv, Historische Abteilung II (Außenstelle Merseburg) [after 1990 transferred to Bundesarchiv (Deutschland), Abteilung R (Deutsches Reich), Berlin-Lichterfelde].

{3.1} Document referring to D. F. L. von Schlechtendal, Berlin, Professor of Botany and Director of the Botanical Garden of the University in Halle (Saale) since May 1833 (Rp. 76 – Vf. Lit. S., 1829–1868).

{3.2} Documents referring to the Botanical Garden of the University in Halle (Saale), 2 (1829–1858), 3 (1858–1866) (Rep. 76 – Va, Sekt. 8. Tit.-X, No. 18, Vol. I–III).

(4) Martin Luther University, Halle (Saale), Institute of Biology, Department of Geobotany and Botanical Garden, Herbarium (HAL).

{4.1} Correspondence and administrative acts of the Botanical Garden.

{4.2} D. F. L. von Schlechtendal, handwritten notes for lectures, etc.

{4.3} Letters of contemporaries addressed to D. F. L. von Schlechtendal (preserved at HAL).

(5) Municipal archive of Halle (Saale)

{5.1} Occurrence of the name Schlechtendal in Halle.

{5.2} Two autographs of Schlechtendal (1821 and 1852).

(6) Historic cemetery ‘Stadtgottesacker’ in Halle (Saale).

{6.1} Register of family graves, no. 870–1846.

3. Life and work of D. F. L. von Schlechtendal

3.1. Childhood in Xanten

“Ego Fredericus Franziscus Leonhardus de Schlechtendal die quinto Cal. Decembris anni MDCCXCIV Santenae sum natus in ducatu Cliviensi, patre Diederico, Friederico Carolo nunc temporis Padalbruni summi iudicii praeside primario et matre e gente Bartels ...”

With these words, Schlechtendal introduced his curriculum vitae {2.2} on the occasion of his matriculation at the university in Berlin.

D. F. L. von Schlechtendal’s birthday is listed as 27 November 1774 in the baptismal register of the “Reformed Evangelical Church” at Xanten, principality Kleve. At his baptism on 13 December 1774, his godfathers were his great-grandfather councilor of war Johann Diederich von Schlechtendal, and grandfather, the judge Franz Friederich von Schlechtendal. The family was of Rhenish descent. A “Wilhelm Schlechtendahl” died in 1608 as “quaestor abbatis” (chamberlain of the aristocracy) and mayor in Werden (Ahnenliste der ASTAKA Dresden, no. 20372). According to Anonymous (1907), Schlechtendal’s oldest named relative was born in Werden (Ruhr) and died 1704 in Kleve. On 14 October 1889, the brothers Franz Friedrich, royal Prussian judge in Xanten, Georg Heinrich, royal Prussian senior civil servant and “Konsistorialrat” in Breslau, and Reinhard Friedrich, royal Prussian senior civil servant in Kleve, were raised to the nobility. The family branches of Georg Heinrich and Reinhard Friedrich von Schlechtendal ended in 1802 and 1835, respectively (see family tree in Schubert 1964).

Franz Friedrich von Schlechtendal (*11 October 1735, †22 January 1797 in Xanten), D. F. L. von Schlechtendal’s paternal grandfather, was a judge in Xanten. In 1766, he married Agnes Katharina Schümmelketel (*1749, †13 March 1778 in Xanten). From that marriage came five male children, with Diederich Friedrich Karl von Schlechtendal the oldest son, born on 24 September 1767 in Xanten. As with Johann Friedrich (†1704 in Kleve, “Kleve-märkischer Hofgerichtsrat”), all the male descendants were either councillors of war or judges. Thus, it was not surprising that Diederich Friedrich Karl was required to study jurisprudence. Aged 17, he matriculated at the University of Duisburg, where he mainly studied under the guidance of Prof. Friedrich Gottfried Schlegtendal (1730–1801), a distant relative [“Beyder Rechte Doktor und öffentlicher Prof. zu Duisburg” (Anonymous 1757)]. After studying jurisprudence, D. F. L. von Schlechtendal’s father worked at first in Kleve as court-assessor (auscultator) and trainee lawyer in the civil service, later as assistant to his father. On 10 November 1793, already a judge (“Landrichter”) in Kleve, he married Katharina Margarete Bartels (1766–1797). Soon afterwards, two children came into the world, viz. Diederich Franz Leonhard (*27 November

1794) and Henriette Sophie Elisabeth (12 February 1796), but the sister died from illness (“cachexia”) after about 10 months. Four months later, their mother Katharina Margarete also died from illness (“lung disease” – probably pneumonia or tuberculosis). At that time, D. F. L. von Schlechtendal was just two and a half years old. On 15 October 1797, he got a stepmother when his father married Sophie Charlotte Bartels (*1774 in Xanten), sister of his first wife. Whether or not she was a good mother for Schlechtendal is not known. She also died young after a long and severe illness, on 5 April 1807 in Berlin, and left behind a daughter, Friedericke Charlotte (*15 October 1799 in Berlin), who on 29 July 1828 in Paderborn married baron Maximilian von Kleinsorgen, sovereign over Schüren, Blessenohl, and Bettinghausen (birthday unknown, †22 March 1890 in Blessenohl near Meschede). This marriage remained childless.

D. F. L. von Schlechtendal spent only four years of his childhood in his Rhenish native town. In the harsh winter of 1798, the whole family was forced to emigrate due to the intruding French troops which caused his father to lose his employment in the civil service. The garden of the family house was destroyed, thus they decided to sell the whole property and escape with their little son. His father had an offer for a position as a senior civil servant in Warsaw, but the family never reached this city, their escape route ending up in Berlin, where Schlechtendal’s father found employment as second director of the city court.

3.2. School days, youth and University education in Berlin

D. F. L. Schlechtendal spent his entire school days in Berlin, at first at private schools (“infuitunc Berolini scholis clarissimi: Dr. Messon et referendissimi pastoris Mehring” {2.2}). Later, in 1806, he was accepted as a pupil of the grammar school “Zum Grauen Kloster” (“Vereinigtes Berlinisch-Köllnische Gymnasium”), the best school of this kind in Berlin at that time. On 29 September 1806, he was registered in the “inscription book” of this school with the number 152 {1.1}: “Diederich Franz Leonhard von Schlechtendal, 12 years old, borne in Xanten, profession of the father senior civil servant and director of the city court, Jäger Street 61, Klasse III, Schulgeld 3,5”. Since 1 January 1806, Johann Joachim Bellmann, a doctor in theology and philosophy, was the director of the grammar school. He taught Schlechtendal in literature, Latin and religion. The note “Professor der Botanik” was later added to Schlechtendal’s registration, although naturally at that time nobody could anticipate his future career, since he was just an average pupil {1.2}. In the school report for Easter 1807, his “inner values”, “outer values” and “handwriting” were classified as “average?”, and in June (“Johannis”) of this year his handwriting was simply classed as “bad”, but later improving to reach fourth place in the “Große Tertia” (9th academic year), but he was unable to maintain this performance in the following years. In February 1813, the German King called all young, healthy men to arms, and at Easter Schlechtendal presented himself as a volunteer {1.3} in a mounted dragoon unit. However, his poor health after overcoming a chest illness led to his dismissal and return to Berlin, where he passed the final exam in autumn 1813 with the grade “good” {2.2}. Thereafter, he matriculated at the Berlin university in human medicine, thus breaking with the juridical family traditions. On the other hand, it was a logical decision, which was undoubtedly endorsed by his father who had, besides his work as a judge, a strong inclination to natural sciences in general and botany in particular. His father prepared a large herbarium, cultivated exotic plants in his small garden in Xanten, and later in Berlin became acquainted with Carl Ludwig Willdenow (1765–1812) leading to a strong, lasting friendship. The young D. F. L. von Schlechtendal grew up among these diligent botanists. On 19 October 1813, he matriculated at Berlin university (inscription number 11 {2.1}) to study natural sciences.

At that time, numerous well-known scientists worked in Berlin. In 1813/14 Carl Asmund Rudolphi (1771–1832) was director of the university, followed by Karl Wilhelm Ferdinand Solger (1780–1819), in 1814/15; Friedrich Ernst Daniel Schleiermacher (1768–1834), in 1816/17; Heinrich Friedrich Link (1767–1851), in 1816/17; and Philipp Konrad Marheineke (1780–1846), in 1817/18. The following personalities were Schlechtendal’s university teachers: in anatomy, physiology, therapy – Johann Christian Reil (1759–1813), followed by Carl August Wilhelm Berends (1859–1826); Johann David Ferdinand Koreff (1783–1851), professor (ordinarius) for physiology between 1816 and 1822; Christian Friedrich Nasse (1778–1851),

until 1819 ordinarius for gynecology; until 1828 Adam Elias von Siebold (1775–1828); since 1814/1815 Karl Alexander Ferdinand Kluge (1782–1844); Carl Heinrich Ferdinand von Graefe (1787–1840); and Christian Ludwig Mursinna (1744–1823), professor of surgery at “Collegium medico-chirurgicum” in Berlin, an institution founded by King Friedrich Wilhelm I in 1724, in which lectures for the whole range of natural sciences were offered. Carl Ludwig Willdenow (1765–1812) taught botany at this Collegium, and Christoph Wilhelm Hufeland (1762–1836) was managing director. Sigismund Friedrich Hermbstädt (1760–1833) lectured on pharmacology, Martin Heinrich Klaproth (1743–1817) on chemistry, Paul Erman (1764–1851) on physics, Christian Samuel Weiss (1780–1856), geognosy (geology), Martin Carl Hinrich Lichtenstein (1780–1857) held the chair for zoology, and was responsible for the botanical garden after Willdenow’s death. Johann Christoph Friedrich Klug (1775–1856), later Schlechtendal’s father-in-law, was appointed extra-ordinary professor for entomology in 1818. Since 1814, lectures in botany had been given by Friedrich Gottlob Hayne (1763–1832), followed by Heinrich Friedrich Link since 1815.

In letters, written by Karl Wilhem Eysenhardt (1794–1825), a fellow student with D. F. L. Schlechtendal, one reads that in the winter semester of 1816/17 Schlechtendal had to attend lectures for the following times per week: five times for semiotics, therapy, and clinic practice held by Berends, four times for surgical courses run by Graefe, two times for courses run by Mursinna, one hour for cryptogams taught by Link, two hours for geognosy by Weiss, and one hour therapy and semiotics by Hufeland. Schlechtendal had to pay to attend these lectures (at that time the professors themselves were responsible for collecting money and thus generating their own income). For lectures held by Berends, Hufeland, and Link he had to spend 1 Louisdor, for Link’s pharmacology 1.5 Louisdors, for Mursinna’s lectures 2–3 Louisdors, and 4 Louisdors for Graefe’s lectures. Thus, he had to spend 12 to 14 Louisdors per semester just for obligatory lectures. At that time, Eysenhardt and Schlechtendal also started to learn English. In the breaks between semesters, Schlechtendal used to visit his father, who was since 1814 president of the higher regional court at Minden, later at Paderborn, where he was simultaneously vice president and head of a department of the royal government at Münster, and director of the “Westphalian Provincial School and Medical Collegium”. During his university education in Berlin, Schlechtendal lived on one floor with Eysenhardt on the premises of the “Gesellschaft naturforschender Freude zu Berlin” (Französische Straße 29). As “repayment” (or rent), Eysenhardt and Schlechtendal curated the collections of the Society.

During the first semester, Schlechtendal made acquaintance with Adelbert von Chamisso, a refugee of French origin, already 32 years old at the time. Chamisso, who moved to Berlin in 1812 to study natural sciences, especially botany, and botanized with the student Carl Sigismund Kunth (1788–1850). After Kunth’s departure to Paris, Chamisso made his first contact with Schlechtendal, a medical student. The two young men shared a passion for botany and enjoyed plant hunting together.

Schlechtendal and Chamisso shared a close friendship until Chamisso’s death in 1838. Joint field trips ended abruptly in 1815 when Chamisso joined as botanist the famous world circumnavigation aboard the Russian “Rurik”.

His friend Eysenhardt urged Schlechtendal to finish his study of medicine, instead of conducting too much botany. On 5 September 1817, he wrote in a letter to Schlechtendal {4.3}: “... you collect many fungi ... please pass examination at Easter, so that we can do together our doctorates. You already know enough medicine, you only have to do some surgery next winter and should at least master the nomenclature; you would not believe what kind of guys pass the examination”. But Eysenhardt could not stop Schlechtendal’s plans to focus on natural sciences in general and botany in particular. Carl Ernst August Weihe (1779–1834), a close friend of his father, with whom he exchanged letters and plants since 1815, congratulated Schlechtendal on his decision to focus on botany in a letter dated December 1817 {4.3} and emphasized that medicine was “a saddened business”. Therefore, he decided to prepare a thesis with a botanical topic: “ANIMADVERSIONES BOTANICAE IN RANUNCULACEAS CANDOLLII” (Schlechtendal 1819, 1820). He was engaged in studies on *Ranunculus* spp. since 1816, collected plants whenever possible and was actively involved in a comprehensive process of exchange with numerous

amateur botanists and professional colleagues. Some of the plants were collected at Cunersdorf near Berlin in the estates of Earl Heinrich August Friedrich von Itzenplitz (1799–1883). The Earl and his wife were interested in natural sciences and invited Chamisso and Schlechtendal regularly. In the cold winter of 1820/21, they supported Schlechtendal with several tons of wood. The pleasant time at Cunersdorf came alive once more in 1863 when the bryologist and lichenologist Reinhard Graf von Solms-Laubach (1801–1870) sent a manuscript to Schlechtendal for the journal “*Linnaea*”. In an accompanying letter, he asked Schlechtendal if he was that young man whom he met in the house of Earl Itzenplitz. He asked for a photo in which he recognised the facial features of the former student. Schlechtendal’s dissertation was also strongly supported by Chamisso, who provided his complete set of *Ranunculus* species. On 22 May 1819, Schlechtendal obtained his doctorate in medicine with his thesis gaining wide recognition. In a letter dated 1 February 1819 {4.3}, Carl Friedrich Wilhelm Wallroth (1792–1857) described Schlechtendal’s work as laudable and successful, and Eysenhardt, who had found a job in Königsberg, mentioned that he had just seen a review in Beck’s *Repertorium* 1(1), containing as expected, great praise {4.3}.

3.3. His time as curator at the Friedrich Wilhelm University in Berlin

On 20 August 1819, about half a year after acquiring his doctorate, Schlechtendal found employment as curator of the royal herbarium in Berlin. It seems that Link was actively involved in this employment since he had written in a letter to Schlechtendal dated 11 August 1819 {4.3}: “My dear friend, at long last the state chancellor has authorized your employment as supervisor of the herbarium with 400 thalers [current value?] salary per year”.

This herbarium had been officially founded just one year previously due to tireless attempts by Link and under the special influence of minister Karl Sigmund Franz Freiherr vom Stein zum Altenstein (1770–1840), who was fond of botany. The government succeeded in purchasing Willdenow’s complete herbarium for the university for 36.000 Mark. Before he was appointed as curator, Schlechtendal curated Willdenow’s herbarium privately, at least since his father, who had looked after it after Willdenow’s death, left Berlin to settle in Minden (since 1814 president of the higher regional court at Minden, later in Paderborn). This duty was committed to Schlechtendal by “Mama”, Willdenow’s widow who was partly admired, partly feared. The access for scientists and students to Willdenow’s herbarium was not easy and only successful when they had good contacts and relationships. This unpleasant situation ended with the purchase of the herbarium to enable Schlechtendal to care for these important botanical collections. The herbarium was at first accommodated in a building behind the academy in Dorotheen Street 10, in the apartment of the chemist Klaproth, who had passed away. Later, in 1822 the herbarium was transferred to its final destination in a new building within the botanical garden in Neu-Schöneberg. Willdenow’s herbarium consisted of about 20.000 specimens of higher plants, including ferns, and about 6.000 cryptogams (Schlechtendal 1832). Several local herbaria had a similar size to this. It was Schlechtendal’s main duties to maintain and rearrange all collections of the Berlin herbarium according to the following divisions:

- A. Willdenow’s herbarium.
- B. Cape Flora (Bergius, Lichtenstein, Meuron, Mundt, Maire).
- C. Egyptian plants (Sieber, Hemprich, Ehrenberg).
- D. Alpine Flora (Schleicher, Gebhardt).
- E. Flörke’s lichens.
- F. Separate herbaria of earlier authors.
- G. Other collections, including duplicates.

This arrangement can be summarized in three main categories:

- I. A general herbarium.
- II. Collections of special authors.
- III. Floras of certain areas.

Schlechtendal got Johann Carl Stempel (1800–1872), a student of medicine to prepare a register of the herbarium. At the beginning of 1822 the herbarium was in the following condition:

A. Treated and already rearranged:

1. Willdenow's herbarium (except for ferns and 19 collections which were still in Link's rooms).
2. Supplements to Willdenow's herbarium.
- 3./4./5. Cape plants of Meuron, Lichtenstein, and Bergius.
6. The herbarium of the "Naturforschende Gesellschaft".
7. Martinique (Sieber).
8. Crete, Egypt, Palestine (Sieber).
9. Alps (Sieber).
10. Part collection of Brazilian plants.
11. Herbarium of Elsholtz.
12. Three centuries of Silesian plants collected by Günther.

In addition, plants of the Linumer Torfmoor, cryptogams of Funk, Ehrhardt, and Schrader, mosses of Blandow as well as *Phytophylacium Ehrhartianum* [continens plantas, quas in locis earum natalibus collegit et exsiccavit Fridericus Ehrhart], including indices of all the collections.

B. Unordered collections:–

1. The rest of Willdenow's herbarium.
2. Flörke's lichens.
3. Cape plants of Bergius.
4. The rest of the Brazilian plants.
5. First collections of Ehrenberg and Hemprich (the cryptogams were still in the rooms of Link).
6. Plants from South of France (Riedel).
7. A herbarium without localities, intended to be gifted to a gymnasium.
8. Plants collected by Eversmann (also still in Link's rooms).
9. A seed and wood collection accommodated in a room of the university to which Schlechtendal did not have access.
10. A collection of plants of the Berlin Academy, including herbarium of Gundelsheimer, a travel companion of Tournefort.
11. Several smaller herbaria of unclear location.

Schlechtendal was also responsible for the continuous enlargement of the herbarium. Under his guidance, the following admissions could be registered. In December 1820, he received some Brazilian plants from the British botanist Aylmer Bourke Lambert (1761–1842). Willdenow's algae sent to Franz Carl Mertens (1764–1831) in Bremen were returned with numerous additions. In January 1822, he purchased Franz Wilhelm Sieber's (1789–1844) *Flora martinicensis* [Herbarium florae Martinicae (Plantae insulae Martinica)] for 60 gulden, which had been granted in advance. At that time, the ministry had acquired Johann Friedrich Ruthe's (1788–1859) "FLORA OF THE BRANDENBURG MIDDLE MARK" [Flora der Mittelmark in getrockneten Exemplaren]. Plants of the Canary Islands collected by chamberlain Christian Leopold von Buch (1774–1853) found their way into the herbarium as a gift. Schlechtendal was also successful in acquiring 150 Cape plants collected by Georg Ludwig Engelhardt Krebs (1792–1844). Carl Friedrich Philipp von Martius (1794–1868) borrowed palms from the herbarium and added several gifts upon their return. In March 1822, 355 plant species, collected by Carl August Ehrenberg (1801–1849) and Friedrich Wilhelm Hemprich, were sent to the Herbarium. In 1824, the herbarium of garden inspector Christoph Friedrich Otto (1783–1856), containing about 15.000 sheets, was purchased. At the same time, the important bryological

herbarium of Samuel Élisée Bridel (1761–1828), involving several French collectors, and containing 1.006 species, was also acquired. New collections were added by Christian Julius Wilhelm Schiede (1798–1836) and Ferdinand Deppe (1794–1861), Mexico, as well as Friedrich Sellow (1789–1831) and Heinrich Karl Beyrich (1796–1834), Brazil. Additionally, Schlechtendal and Chamisso included plant collections made by the latter during Romanzoff's circumnavigation of the world.

In 1822 Schlechtendal intended to go on a larger scientific excursion, which he postponed in order to supervise the relocation of the herbarium. The Ministry was very thankful and granted a vacation of two months, which Schlechtendal intended to spend with his father. However, the completion of the renovation of the new building took a lot longer than planned. Therefore, he decided to go on vacation in the middle of June, i.e. before the herbarium move. This decision was undoubtedly responsible for his tense relationship with Link, who blamed him for not taking responsibility for the move. On the other hand, he was annoyed about Link's behavior in taking sheets from the herbarium without informing him, and Link very often failed to return the material. Link demanded the herbarium keys from Schlechtendal during his vacation, but the latter refused. Link was very annoyed and brought the case to minister vom Stein, who ordered Carl Heinrich Schultz (Bipontinus) (1805–1867) to hand over the keys. After his return, Schlechtendal was reproved since he was not entitled to deny his direct superior access to the herbarium. However, vom Stein very much appreciated Schlechtendal's work at the herbarium; so this dispute had no serious consequences for him.

After Schlechtendal's return to Berlin, the herbarium was moved. Unfortunately, it was not intended that the supervisor of the royal herbarium should have accommodation in the botanical garden. Thus, Schlechtendal had to walk for 45 minutes each day from Berlin to the herbarium at Neu-Schöneberg. He usually covered the route together with Chamisso, who had been simultaneously employed in 1819 as second curator and co-advisor. The preparation of a comprehensive herbarium of flowering garden plants was part of Chamisso's duties, but since he did not get on very well with the garden inspector Otto, Chamisso spent most of his time in the herbarium. In Neu-Schöneberg, Schlechtendal and Chamisso worked side by side, arranged herbarium sheets and identified old and new material. The fruitful collaboration of the two scientists and friends was, *inter alia*, reflected in the foundation of the botanical journal "Linnaea" in 1826. Apart from Schlechtendal's father, Chamisso was the most important scientific adviser and collaborator. In 1828, a shortage of space caused by the growing collections became evident. In addition, the new building turned out to be too wet. Therefore, Schlechtendal proposed to re-transfer the herbarium to the university in Berlin, but he failed in this attempt only obtaining financial means for renovations.

Slechtendal often spent his leisure time with Chamisso, his wife and children. He belonged literally to the family. They spent numerous enjoyable evenings with friends and like-minded people, e.g. the mineralogist Friedrich Hoffmann (1797–1836), who lived in the building at the rear of the house of Schlechtendal's father. They used to invite young scientists, including the naturalist Johann Christian Poggendorff (1796–1877), the astronomer Jakob Heinrich Wilhelm Lehmann (1800–1863), and even the Germanist and poet August Hermann Hoffmann (known as Hoffmann von Fallersleben, 1798–1874). Chamisso vividly related his circumnavigation aboard the "Rurik" holding visitors in thrall.

On 4 December 1825, Schlechtendal was awarded an honorary doctorate in Bonn (Dr. phil. h.c.) for his extraordinary merits in natural sciences, and for which he was indebted to Christian Gottfried Daniel Nees von Esenbeck (1776–1858).

The herbarium was now well established and accommodated, and the "FLORA BEROLINENSIS" was finished, so that he could take up his old travel plans. A sabbatical of six months was permitted, but the travel costs were not covered. Schlechtendal communicated details of his travel only to his father in letters, which are unfortunately not preserved and so little is known about them. Munich was the first postal station, where he visited von Martius. In addition, he intended to visit Nees von Esenbeck in Bonn and François Louis Leonhard de Lafoye (1781–1847) in Caen (Bessler 1954), but these visits cannot be verified. From Munich, he travelled over the Alps to Geneva and Lyon and then on to Paris (Chamisso, letter dated autumn 1824

{4.3}). At the end of September, Schlechtendal reached Paris when Friedrich Wilhelm Heinrich Alexander von Humboldt (1769–1859) was also there. On 9 October 1824, he invited Schlechtendal: “Mein wehrtester Herr von Schlechtendal ... wollen Sie mir die Freude machen, übermorgen freitags um 6 Uhr zu mir zu kommen und ... mit mir speisen?“ [My dear Mr. von Schlechtendal ... would you please give me the pleasure of visiting and dining with me the day after tomorrow, Friday at 6 p.m.] {4.3; letter dated 7 October 1824}. Although Schlechtendal made new friends in Paris, he confessed in letters to garden inspector Otto in Berlin that he felt unwell, this being possibly influenced by the foul weather. Thus, in early November he left Paris and returned via Metz to visit his father in Berlin, with a short side trip to Paderborn. In autumn of that year, Schlechtendal did a little hiking tour in the Harz mountains together with Chamisso and Ernst Wilhelm Bernhard Eiselen (1793–1846) (Schlechtendal & Chamisso 1830: 81, 140).

On 1 February 1827, Schlechtendal settled at the university in Berlin and immediately became a private lecturer in botany, and on 14 July 1829 an associate professor of botany.

Meanwhile on 20 May 1828, Schlechtendal married Ida Amalie Henriette Klug (*22 August 1804), daughter of the entomologist Klug. Her mother, Lotte (“Lottchen”), née Schmidt, was the only sister of Dr. Johann Gottlieb Schmidt, Sanitätsrat (Medical Counsellor) in Berlin, who had in addition two brothers, one a preacher, the other dying early being killed in a duel as a student of jurisprudence. J. G. Schmidt’s daughter, Maria (*20 July 1810 in Berlin), married Albert Bohnstedt. Her son, Alexander Reinhold Bohnstedt (1839–1903), was an active botanist in Lower Lusatia (Niederlausitz), author of “FLORA LUCCAVIENSIS” and often said to be the “intellectual successor” of Gottlob Ludwig Rabenhorst (1806–1881) [Jäckel & Bohnstedt 1937].

Although Schlechtendal’s wife was in ill health, she always understood and supported Schlechtendal’s passion for botany and his entire devotion to natural sciences and she was worshipped by Schlechtendal’s friends and colleagues. She was, as expressed in a letter written by Julius Milde (1824–1871) in 1865, the “protecting genius of the botanists”. The first child of the young family, born on 8 July 1830 was christened Eugen Diederich Adalbert, i.e. with one of the given names of his old friend Chamisso, who was godparent of the child together with Schlechtendal’s father-in-law. This son continued the tradition of the family, studied jurisprudence and became a senior royal civil servant. He died unmarried on 24 May 1881 in Merseburg. The second child of the family was a girl, Antonie Florentine (*2 May 1832, in Berlin). She was as sickly as her mother, but shared the passion for botany with her father, often accompanying him on his travels, e.g. in autumn 1862 to Ludolph Christian Treviranus (1779–1864) in Bonn {4.3, letter dated 8 November 1862}. Sometimes she travelled alone on behalf of her father to friends and botanists, e.g. in autumn 1865 to Schultz (Bipontinus) in Deidesheim, Pfalz {4.3, letter dated 30 December 1865}. Schlechtendal’s daughter died on 15 April 1891 in Halle (Saale), also unmarried.

With 400 thalers per year, Schlechtendal’s salary as curator in Berlin was meagre, at least for the first 10 years. In 1831, his salary was increased to 600 thalers. In April 1832, he once again applied for a better income and improvement of his economic situation. Minister vom Stein supported this and since June 1832 he received an annual salary of 800 thalers.

3.4. Schlechtendal as successor of Sprengel in Halle (Saale)

The botanist K. Sprengel, director of the botanical garden in Halle, died on 15 March 1833. Link contacted the ministry and recommended Schlechtendal as Sprengel’s successor. In advance, he had asked F. Klug, later Schlechtendal’s father-in-law, if Schlechtendal would consider taking a professorship in Halle (Saale) and on receipt of a positive answer he contacted Schlechtendal directly. Schlechtendal agreed wholeheartedly since his professional prospects in Berlin were limited, and he had to support a family. In a letter of support, Link noted: “Obgleich Schlechtendal immer große Neigung hatte, eigenmächtig zu handeln, so war das doch nur eine Kleinigkeit, und hinterlistige Mittel, etwa um Zuhörer sich zu verschaffen und dergleichen hat er sich nie erlaubt. Ist ein Mann von rechtllichem Charakter ...” [Schlechtendal was always inclined to act on his own authority, but this is just one minor aspect. He never applied cunning methods to attract additional audiences. He is a man of upright character] (letter dated 24 March

1833, {3.1}). Schultze (Geheimer Oberregierungsrat = senior government official) supported Schlechtendal's appointment and stated in a letter dated 23 April 1833 {3.1}: "Von dem außerord. Prof. an der Philosophischen Fakultät der Universität Berlin Schlechtendal ist nach seinem bisherigen ausgezeichneten Leistungen in Fache Botanik, sowie nach seiner in aller Beziehung achtungswerten Persönlichkeit mit Grund anzunehmen, daß er beide Ämter aus eine sehr befriedigende Weise verwalten wird ...". [Based on his outstanding achievements in botany and his highly appreciated character, it is realistic to expect that Schlechtendal, associate professor at the philosophical faculty of Berlin university, will administer both positions to the satisfaction of all parties]. Schlechtendal's father supported the application of his son as well, and contacted the minister responsible directly. On 23 April 1833, Johannes Karl Hartwig Schultze (1786–1869) sent a message to Schlechtendal that his appointment had been applied for, and that the summer semester and the Botanical Garden did not allow any delay. Therefore, he was asked to move immediately to Halle to take over all responsibilities ad interim. Simultaneously, Prof. Gustav Kunze (1793–1851) and Prof. Dr. Justus Wilhelm Martin Radius (1797–1884) in Leipzig, who had proposed Heinrich Gustav Reichenbach (1824–1889) as candidate for the professorship in Halle, received word that Schlechtendal had been appointed. Schlechtendal left Berlin, and Chamisso became first curator of the herbarium, which was at that time a relatively easy job due to Schlechtendal's activities over 14 years leaving the herbarium in tip top condition. Joseph August Schultes wrote: "... es scheint daß fortan jeder Botaniker nach Berlin wird pilgern müssen, wenn er botanisch selig sterben will" [It seems that from now on every botanist has to make a pilgrimage to Berlin if he wants to die blissfully.] (Schultes 1822: 152).

The botanical garden of the university in Halle (Saale) was founded in 1698 as a medicinal garden (*hortus medicus*) by Elector (Kurfürst) Friedrich III zu Brandenburg who bestowed on it the corresponding privileges of a University (Kümmel 1998). The financial situation of the garden was difficult from the very beginning since no fixed budget for the running costs was provided. Half the garden was used to produce herbs and vegetables, which were sold to maintain the garden. Under Sprengel as director from 1797–1833, the focus of the garden changed, i.e. he opened it for scientific research and established the first greenhouses for the cultivation of exotic plants. The last 10 years before he died, Sprengel became withdrawn and ceded the administration of the garden to his son, Anton Sprengel (1803–1851), who did this job inadequately, so that the garden was in a miserable condition when Schlechtendal came to Halle (Schubert 1964).

Slechtendal arrived at Halle on 1 May 1833, and immediately started to concern himself with the garden and the professorship. On 11 May 1833, he obtained the official appointment as professor of botany at the philosophical faculty of the university and director of the botanical garden. His move to Halle encountered adverse circumstances, which continued over the whole 33 years of his work in Halle. A few years before he died, Schlechtendal stated that his successors will have much better conditions than he ever experienced. Gottlieb Delbrück (1777–1842), the authorized representative of the government, received Schlechtendal with the bad news that the official residence in the botanical garden was not ready to move into since the widow of Sprengel had the right to continue living in it for one year, the so called "year of mercy". Furthermore, the official residence was too small for Schlechtendal's family. Thus, he had to look in the city for accommodation for which he received a lodging allowance of 130 thalers from the university. According to old address books issued since 1838, Schlechtendal resided with his family in "Große Wallstraße, Nummer 23", later Kirchtor 1 (Botanical Garden). The previous residence of the director of the botanical garden, "Botanischer Garten 1078 e" corresponds to "Kirchtor 1".

In Halle, three children came into the world in addition to the two born in Berlin, viz. Anna Mathilde (*23 August 1833), Diederich Hermann Reinhard (*28 October 1834), and Hans Rudolf Leopold (*8 July 1838). They were baptised at the "Evangelical-Reformed-Church (Dom-Gemeinde)" in Halle. D. H. R. von Schlechtendal followed his father and studied medicine. However, he was not interested in botany, but mainly carried out plant parasitological and entomological studies and taught zoology at the zoological institute of Halle university. He

died on 5 July 1916 in Halle, unmarried like his siblings Eugen Diederich Albert and Antonie Florentine (Taschenberg 1916, 1917). Anna Mathilde (†17 July 1914 in Dessau), Schlechtendal's second daughter, was the only one of his five children who presented him with grandchildren. On 20 May 1858, she married the surgeon Dr. Richard (von) Volkmann (*17 August 1830), son of the royal Prussian medical officer of health and professor of anatomy and physiology at Halle university. R. (von) Volkmann was raised to the rank of Prussian aristocracy in 1885, and died on 28 November 1889 as professor of medicine and royal Prussian medical officer of health in Jena. Eleven children descended from this marriage, but Schlechtendal was not able to enjoy all of them. Schlechtendal's second grandson Hans Richard (*19 May 1860 in Halle) became professor of landscape painting.

To recapitulate: when Schlechtendal came to Halle in 1833, the university herbarium was relatively small and in a bad condition. In 1817, the universities of Halle (Saale) and Wittenberg had been merged, leading to a transfer of Christian Schkuhr's herbarium from Wittenberg to Halle. A catalogue of the herbarium compiled in 1825 listed about 4.300 species. K. P. J. Sprengel (1766–1833), professor of botany in Halle between 1797 and 1833, was famous and appreciated, but he largely neglected the university herbarium, and only cared about his private herbarium that encompassed more than 21.800 species (Werner 1988).

In Berlin, Schlechtendal, Sprengel's successor, had access to a rich, well-organised herbarium. Immediately after his appointment as professor in Halle, he complained in a letter addressed to the university administration about the poor condition of the herbarium in Halle that was not up to the standards of that time (Werner 1955: 775), and made several proposals to improve and enlarge it. Besides the preparation of plants from the botanical garden, he strongly recommended the purchase of Sprengel's private herbarium for the university, but this failed due to the university's lack of financial resources. Fortunately his proposal to ask for duplicates of the royal herbarium in Berlin was successful. In the following years he obtained about 1.600 duplicates, including numerous collections from Willdenow's herbarium (Werner 1955, 1988). In addition, the herbarium in Halle was enriched by the collections of Ernst Ludwig Heim (1847–1834), personal physician to Humboldt's and Schlechtendal's families (Geier 2010), by collections from the botanist Christian August Friedrich Garcke (1819–1904), and from other herbaria. Schlechtendal continuously tried to enlarge the herbarium in Halle, although he was permanently faced with insufficient financial support and inappropriate premises. However, there was a simultaneous and rapid increase in his private herbarium due to the inclusion of original specimens collected by F. Deppe and parts of A. von Chamisso's herbarium (Schubert 1964, Weber 1984). Moreover, after the death of his father Schlechtendal inherited his rich herbarium comprising numerous collections from Humboldt's American expedition (Werner 1988). He also acquired numerous other herbaria, e.g. those of F. W. Sieber (mainly from Australia), P. Salzmann from Brazil and North Africa, J. F. Drège and C. F. Ecklon, South Africa, as well as H. G. L. Reichenbach's exsiccatae, and D. H. Hoppe's alpine plants.

Schlechtendal had a large private herbarium which was very important for his scientific activities. The Ministry tried to force him to sell his private herbarium, but he finally convinced the administration to allow him to keep this herbarium as private property {3.1}. After 10 years in Halle, his herbarium was in good, useful condition, and after his death the arranged part contained about 70.000 species. And he gathered a considerable number of botanical books. In 1861, Heinrich Gustav Reichenbach (1824–1889) described Schlechtendal's library as the best private botanical library in Germany (letter written by Reichenbach f., 21 September 1861 {4.3}).

Herbarium and library constituted the basis for his lectures. In the spring semester, he used to offer General Botany (since 1836 as “Botanik oder Gewächskunde I. Teil, umfassend die Gestaltung, Anatomie und Physiologie verbunden mit Demonstration lebender Pflanzen und Exkursionen”) from 7 to 8 a.m for six days per week. Furthermore, he regularly lectured “grasses and half-grasses” at 5 p.m on Thursday afternoons. Since 1853, he provided a lecture for students of medicine dealing with medicinal and useful plants according to their natural families. Seminars and practical exercises were offered by arrangement. Ernst Weiss (1833–1890) commented in a letter sent to Ernst Haeckel (1834–1919) and dated 30 June 1854 “...

dazu würfelt er so ziemlich alles zusammen, was ein dummer Kerl von einem Mediziner ... zum Examen brauchen kann ...” [... he (Schlechtendal) jumbles everything together, which might be useful for a stupid medic ... to bring to his examination]. E. Weiss as well as Viktor Weber (1833–1861), criticized Schlechtendal’s lectures in letters to their schoolmate Haeckel, who studied natural sciences and mathematics in Halle, ‘as dissuasively boring and his articulation as bad’ (letters written by Weiss, 6 July 1852, and V. Weber, 23 December 1854, provided by G. Hecht, Merseburg). But Schlechtendal as a scientist was obviously highly esteemed by Weiss, who wrote to Haeckel in a letter dated 21 November 1853 “... Wenn Du einmal glaubst, Dir die Fähigkeit und Anlagen zum praktischen Arzt abzusprechen zu müssen ... wirf Dich ganz auf dein Lieblingsstudium, sei es Botanik oder Zoologie usw. Und werde so’n Kerl wie Burmeister, Schlechtendal, usw., die ja doch auch Medizin studiert haben.“ [... If you have reasonable doubts about your ability to act as a medical doctor, just focus on your favourite disciplines, maybe botany or zoology, etc., and try to become a personality like Burmeister, Schlechtendal, etc., who also studied medicine]. Several well-known botanists can be considered the best pupils of Schlechtendal, viz. Johann Friedrich Thilo Irmisch (1816–1879), later teacher in Sondershausen and high school professor, Garcke, first assistant, later curator of the herbarium in Berlin, and Johann Karl [Carl] August Friedrich Wilhelm Müller (1818–1899), who finished his career as a pharmacologist. Under Schlechtendal’s guidance Müller started with work in the botanical garden, in the preparation of seed catalogues as well as the index of “Botanische Zeitung”. In addition, Franz Wilhelm Junghuhn (1809–1864), a student of Schlechtendal, was one of the first German botanists who travelled and collected in Java and Sumatra. Schlechtendal sent a successful application to minister vom Stein for a grant of 20 thalers for Junghuhn to support the completion of his university education.



Fig. 1: D. F. L. von Schlechtendal, photograph taken around the year 1866 (the original kept in HAL).

Halle university planners considered either the renovation and expansion of the old buildings in the Botanical Garden or the erection of a new building. Schlechtendal was commissioned to organise the planning together with the university architect. Schlechtendal refused a simple reconstruction and expansion of the old official residence, as favoured by Sprengel, since this terrain was not sufficient to house the herbarium and residence of his family. Thus, he preferred and planned a new building directly located at the main entrance of the botanical garden in Wall Street (Wallstraße), which would enable a better control of the access to the garden, and would guarantee sufficient space for the herbarium and an auditorium. Furthermore, it was necessary to plan a residence for the professor of astronomy, since the observatory of the university was also located in the garden. On 23 November 1834, the planning for both these accommodations were sent to the ministry, but nothing happened for a long time. Although Schlechtendal emphasized the importance of the new building for the university, the whole project was permanently postponed and classified as “not urgent”, which meant personal financial losses for him since the costs per year of his accommodation in the city exceeded the lodging allowance paid by the university by about 200 thalers that he had to cover privately. In 1841, the minister approved 12.000 thalers for a new residence for the director of the botanical garden. The start of building planned for 1842, began finally in autumn of that year, and in September 1844 (“Michaelis”) Schlechtendal could move to the new residence. Since August 1833, he could use a small summerhouse in the botanical garden as working room, but this house was temporary and had a leaking roof, so that the permanent storage of material, books and equipment was impossible; so he was forced to carry back and forth each day material, books, etc. between his flat in the city and the botanical garden. Lectures were similarly difficult since the lecture hall was located in the main university building about 20 minutes away. All plants and other visual aids for lectures had to be permanently transported back and forth. In the botanical garden, he had room for only six students, but his lectures were visited at that time by 30 students. These circumstances prompted Schlechtendal to plan for an auditorium to be incorporated in the new building in the botanical garden. Since 1842 he could use together with the zoologists a new lecture hall in the main building of the university (the former detention room and flat of the detention guard), in which he could also accommodate the botanical collections. These changes improved the situation, but the distance to the botanical garden and the problems with the transportation of living plants remained. Thus, Schlechtendal tried again and again to push his plans for a new building with auditorium, but only in 1864, 31 years after his appointment in Halle, was he successful with support from the university curator, to get permission from the government to plan a new building in the botanical garden with auditorium and rooms for the herbarium. Schlechtendal discussed the issue with the architect and estimated the cost to be 4.000 to 5.000 thalers, but the ministry in Berlin did not approve this expense in 1865, which led to a further delay. In spring 1866, the final planning, including furniture and equipment, should have been presented by Schlechtendal, but additional problems with the architect postponed this project once more. Schlechtendal died on 12 October 1866. The final plan for the new building was sent to the minister in Berlin on 3 November 1866; so Schlechtendal did not live to see the new building.

Slechtendal was receiving a salary of 1.000 thalers per year. In 1854, after repeated applications for more, he got an extra 100 thalers, and in 1862 his salary rose to 1.200 thalers. His successors immediately started with this salary and received 400 thalers as relocation expenses.

Both the university herbarium and botanical library in Halle were meagre, so that Schlechtendal was forced to spend all his spare money not needed to maintain his family to build up a private herbarium and botanical library. This was obviously the reason for his limited travel activities. He visited his father in Paderborn as well as Gustav Kunze and later Heinrich Gustav Reichenbach in Leipzig several times, but he refused to accept all invitations to the “Versammlungen naturforschender Gesellschaften”, e.g. in Braunschweig 1841 (letter written by Ernst Georg Ludwig Hampe, 28 August 1841 {4.3}), and even did not come to the funeral of his father-in-law Klug in 1856. But he undertook several excursions, e.g. in 1862 to Rhineland-

Palatinate and Rhineland, in 1865 to the island of Föhr and in autumn of the same year to Dessau.

Schlechtendal was relatively healthy into old age (figs 1–2). He even remained unaffected by the cholera, which often struck in Halle at that time, but at the beginning of October 1866, he suffered from pneumonia and died on 12 October at 9 o'clock in the evening, aged 72. The whole of his assets were almost used up for his herbarium, library and the private publication of the journal “*Linnaea*”. Thus, he left his wife almost impoverished. To improve her personal situation with a pension of 240 thalers per year and having a sick daughter, in 1867 she agreed to sell to the university Schlechtendal’s herbarium and library for which she received 8.000 thalers. A smaller collection of unidentified plants was purchased by Garcke, curator in Berlin, for 500 thalers.



Fig. 2: D. F. L. von Schlechtendal, photograph taken around the year 1866 (the original kept in HAL).

On 16 October 1866, Schlechtendal was buried in the cemetery “*Stadtgottesacker*” in Halle (Abteilung I, Reihe 15, Nr. 1177, 48 ft. away from tomb arch 30, and 132 ft. away from tomb arch 39; {6.1}). His wife died 18 year later on 20 August 1884 in Halle and was buried next to her husband, but his children and grandchildren did not care about the family grave, which soon lapsed. Nowadays nothing remains to remind one of Schlechtendal’s grave. The botanist and mycologist Heinrich Anton de Bary (1831–1888) became Schlechtendal’s successor as professor of botany in Halle.

In the eyes of his contemporaries, Schlechtendal was generally considered an undemanding, friendly character, incorruptible, always on time, and extremely accurate as mirrored in numerous letters {4.3}. He was always pleased to help friends, colleagues and students in difficult social situations. He often prepared letters of support for the applications of colleagues, and often assisted newcomers on their way into botanical sciences. Despite his work as publisher of several botanical journals, he had few real enemies and only a few criticisms. After a visit to Halle on 24 April 1853, Haeckel sent a letter from Würzburg to his parents and emphasized that his meeting with Schlechtendal had not been very edifying since he recommended that Haeckel should give up botany completely. Furthermore, Haeckel alleged that Schlechtendal was in general egoistic towards younger colleagues, not helpful, and often

tried to discourage them from doing botany (Haeckel 1821). However, Haeckel's statements are exceptions. Schlechtendal's good nature and humility often precluded him from achieving his wishes and purposes. University curator Delbrück mentioned in a report to the Ministry in Berlin dated 1836 that Schlechtendal had great difficulty in reducing the commercial gardening to promote scientific cultivations. Changes were mainly hampered by the head gardener, August Baum (Kraus 1893[4]: 5), who feared a reduced income. Three times in his career, Schlechtendal acted as dean of the philosophical faculty in Halle. In his last years, he was also responsible for pharmaceutical education at the university. With regard to practical questions and herbarium techniques, Schlechtendal was a popular advisor.

3.5. Activities as director of the botanical garden in Halle

Schlechtendal held the position as director of the botanical garden in Halle between 1833 and 1866. He was permanently faced with diverse hindrances. There was no fixed budget for the maintenance of the garden, so that herbs and vegetables had to be cultivated and sold and most of the area had to be used for such purposes. He permanently struggled to reduce the commercial gardening and to improve conditions for scientific cultivations. In 1835, minister vom Stein authorized the continuous reduction of the commercial plant products, but refused to support the garden financially and to compensate for the missing revenues. In 1839, he received a one-off payment of 200 thalers, but otherwise the difficult financial situation remained unchanged. The relationship between Schlechtendal and gardener Baum, who was not interested in the cultivation of exotic plants and scientific botany in general, was tense. Baum, who had already been the head gardener under Sprengel's directorship (since 1809), had the privilege of a share of the profits. Schlechtendal proposed to abolish this privilege and to raise the salary by the amount of 70 thalers, which was authorized by the minister in 1838. Nevertheless, Schlechtendal did not manage to arouse Baum's interest in scientific approaches in the garden. Therefore, in 1846 he proposed Baum's retirement. He was 72 years old and had clocked up 37 years of duty in the botanical garden and finally in 1850, the university curator approved his retirement (Schlechtendal applied for the employment of a new gardener who should in future be a dedicated officer of the university. Schlechtendal drafted general instructions for university gardeners in collaboration with Ludwig Wilhelm Pernice (1799–1861), an authorized representative of the government at Halle university.

The situation changed with Baum's successor Hermann Kegel from Hettstedt, who was diligent and understood and supported Schlechtendal's intentions. Kegel arrived in Halle in September 1850 and brought along as a gift for the garden about 200 valuable living plant species. He received a salary of 400 thalers per year. Unfortunately, on 26 May 1856, Kegel died of "acute enteric fever". The university received 12 applications for the job of gardener at the botanical garden. Schlechtendal strongly supported the application of Oswald Hannemann from the Laurentius nursery in Leipzig. He was finally successful and Schlechtendal was very satisfied with his work. Hannemann died in May 1866. After the renovation of the gardener's accommodation in July 1866, his successor, Moritz Paul, former gardener at the botanical garden in Berlin, moved to Halle.

As previously mentioned when Schlechtendal took up his new position as director of the botanical garden it was in poor condition and had been largely neglected over several years. The accommodation for the head gardener was worthy of improvement, and a flat for an assistant did not exist. A room for storage and treatment of seeds was also lacking.

At the time of Sprengel, the botanical garden was almost closed for visitors, even for students. Schlechtendal changed this policy and opened the garden, especially for students who could use it permanently. Friedrich Traugott Kützing (1807–1893) wrote: "... zu Sprengels Zeiten wagte ich mich kaum einmal in den Botanischen Garten hinein, ich wußte, daß Sprengel es sehr ungern sah ... Jetzt, wo ich mit Schlechtendal beständig verkehrte und mit diesem häufig den Garten besuchte und manche neue Einrichtung, die er beabsichtigte, besprach, waren die Zeiten andere geworden. Ich benutze den Garten für mich in der ausgedehntesten Weise, denn dazu war er ja da ..." [... at the time of Sprengel I barely dared to enter the Botanical Garden since I knew about Sprengel's objections ... Now I enjoy Schlechtendal's company and use the

opportunity to visit the garden with him regularly, and to discuss his plans for new installations, i.e. times have changed. Now I use the garden extensively, which is its purpose.] (Werner 1955, Schubert 1964).

Besides continued problems with the maintenance of garden buildings, Schlechtendal had permanently to struggle with difficulties concerning the garden's water supply which, due to the location of the garden, needed a pump, but this was frequently out of order. In one case, Schlechtendal initiated the repair of the pump on his own authority, since the responsible university officer was not available, and this led to an official warning notice due to Schlechtendal's circumvention of the official channels. However, in 1855, the construction of a water pipeline was initiated. Schlechtendal was also concerned about the poor condition of the cold and heated greenhouses in the garden and in 1839, new greenhouses were authorized. In 1854 he applied for and obtained a heating system for the greenhouses and the construction works started in autumn of that year. In 1856, building work on a new cold house started. The rubble from the old cold house was used for a new propagation house for cuttings, which was finished in 1858.

On 13 July 1865, the botanical garden received a raised budget of 520 thalers, including 160 thalers as compensation for missing revenues due to the decline of the vegetable production and sales. Now it was possible to use the whole garden for scientific purposes.

An additional problem arose from the lack of fencing allowing continual intrusions into the garden and robberies. Therefore, construction of a wall around the garden was begun and was almost finished by 1850. The instigation of official opening hours for the public (9 to 12 a.m. and 3 to 5 p.m. each day, except Sunday.) was a further innovation introduced by Schlechtendal. When Anton de Bary, Schlechtendal's successor as Professor of Botany in Halle, took office in 1866, the garden had a quality and reputation comparable to other German botanical gardens.

3.6. Schlechtendal's scientific work

Schlechtendal was one of the most productive German botanists of his time. An anonymous author (Anonymous 1867) listed 232 papers attributed to him, but some of the cited papers have to be deleted since they referred to his father. Other papers referred to as "Schlechtendal & Chamisso" have to be attributed to Chamisso alone. Two examples of confusions have recently been discussed and clarified by Braun & Heuchert (2013a, b). They concern two papers (Schlechtendal, 1816a, b) attributed to D. F. L. von Schlechtendal, that actually refer to his father, D. F. C. von Schlechtendal. In these two papers, his father dealt with Willdenow's *Arenaria*, *Stellaria*, and *Potentilla* species, respectively. There were also several cases of new species wrongly attributed to D. F. C. von Schlechtendal in these papers,.

A comprehensive annotated list of Schlechtendal's publications was published by Heklau (1998). This list is not copied here and should be consulted directly for any details. Heklau (1998) roughly separated Schlechtendal's publications according to the following themes:

1. Monographs: 11.
2. Papers in journals
 - 2.1. Plants and drugs from Mexico: 22 (part of a continuing series with several issues).
 - 2.2. Phanerogams of different regions: 14 (part of a continuing series with several issues).
 - 2.3. Papers dealing with Cyperaceae and Poaceae: 29.
 - 2.4. Papers dealing with phanerogams of different families: 79.
 - 2.5. Papers dealing with fungi: 10.
 - 2.6. Papers dealing with pteridophytes: 4.
 - 2.7. Teratological papers: 23.
 - 2.8. Plant physiological papers: 2.
 - 2.9. Contributions to botanical gardens: 2.
 - 2.10. Contributions to plant geography: 1.
 - 2.11. Contribution to the system of plants: 1.

2.12. General botanical observations: 2

2.13. Obituaries: 3.

This listing adds up to 203 publications. Differences between this total and that given in Anonymous (1867) are due to several contributions published by Schlechtendal as serials in several continuously published issues, being counted here as single publications.

3.7. Activities as publisher

Besides his extensive species knowledge, Schlechtendal was much appreciated by contemporaries due to his activities as publisher of botanical journals. Since 1824, he planned the founding of a botanical journal just focused on scientific articles including larger contributions. At that time, the “Flora” was the only corresponding botanical journal in Germany, which was, however, not appropriate for the publication of larger purely scientific papers. Chamisso and Schlechtendal’s father encouraged him to issue a new journal dedicated purely to botany. In 1826, he turned this plan into reality by publishing the new botanical journal “*Linnaea*” issued two times per month. Chamisso wholeheartedly appreciated the new journal in which he could now publish results of his world circumnavigation on board the “Rurik”. Besides original botanical contributions, many of them from the pen of Schlechtendal himself, *Linnaea* also contained numerous literature reports from many colleagues and friends from all parts of the world, facilitated by Schlechtendal’s linguistic skills, since he was fluid in French, English, Italian, and Dutch. *Linnaea* was appreciated by the botanical community and supported by contributions from numerous colleagues, yet sales stagnated. Since 1830, he published the journal at his own expense, which demanded serious personal financial sacrifices. Minister vom Stein felt sympathy for Schlechtendal’s journal and acted to support it financially at a time when Schlechtendal was inclined to stop its further publication for financial reasons. *Linnaea* caused a deficit of about 60 thalers per year, which was later compensated by vom Stein almost every year. After Schlechtendal’s move to Halle, the financial situation around the journal worsened and there was a threat of closure. Schlechtendal asked for an allowance of 100 thalers to allow the continuing publication of *Linnaea*, and this sum was finally granted in June 1836. Numerous famous botanists supported Schlechtendal’s journal by contributions, such as Heinrich Gustav Reichenbach, Johann Friedrich Klotzsch 1805–1860), and Friedrich Anton Wilhelm Miquel (1811–1871). Alexander (Grigorjewitsch) Fischer von Waldheim (1803–1884) supported *Linnaea* by sending publications by Russian botanists. After Schlechtendal’s death, Garcke in Berlin continued the publication of *Linnaea* until 1880.

The journal “*Botanische Zeitung*”, published between 1843 and 1910, was the second botanical journal edited by Schlechtendal. Philipp Phoebus (1804–1880), physician in Stolberg (Harz), had the idea to establish this journal, and managed to convince Hugo von Mohl (1805–1872) and Schlechtendal to participate. “*Botanische Zeitung*” was published weekly, with the first issue on 7 January 1843. Mohl was responsible for anatomy and physiology and Schlechtendal for manuscripts dealing with systematic botany. The new journal was intended to publish anatomical, morphological, plant physiological, and plant geographical papers as well as contributions to the flora of Europe, above all Central Europe. Furthermore, it contained reviews, personalia, notices on exsiccatae and other miscellaneous notes. Therefore, in parallel with the new journal “*Botanische Zeitung*” Schlechtendal stopped publishing reviews and comparable literature matters in *Linnaea*. In June 1843, “*Botanische Zeitung*” had 200 subscribers, but Phoebus soon withdrew as publisher. Phoebus finished his practical activity as a physician and accepted a professorship of medicine and pharmacology in Gießen. To make matters worse, Mohl was rather lazy as a collaborator. In 1845, Schlechtendal had not received any contribution from him for “*Botanische Zeitung*” for half a year. Hence, he asked Mohl whether he intended to finish the collaboration. Now the whole work rested on Schlechtendal’s shoulders. Several other contemporaries supported this journal, e.g. Ludolph Christian Treviranus (1779–1864) with reviews of Belgian literature, Gottlob Ludwig Rabenhorst (1806–1881) reviewed Italian journals, Julius Milde (1824–1871) provided articles dealing with bryological themes, and the young botanist S. Knüttel, as recommended by Friedrich Miquel, reviewed all botanical journals from Belgium and the Netherlands. Georg August Pritzel (1815–1874) delivered biographic reports and reviews from other journals. Until 1852, the register was

made by the bryologist Johann Karl August Friedrich Wilhelm Müller [the so-called “Müller von Halle”] (1818–1899), followed by Garcke. After Schlechtendal’s death, Anton de Bary followed as editor. He also wrote Schlechtendal’s obituary (Mohl & de Bary 1867).

In 1853, the “Naturforschende Gesellschaft zu Halle” founded the new journal “Abhandlungen der Naturforschenden Gesellschaft zu Halle“, which Schlechtendal supported as editor from 1863. He published some botanical contributions in this journal. His old friend Eysenhardt had died in 1825 and bequeathed his entire scientific inheritance to Schlechtendal, who carefully edited his mainly plant physiological manuscripts and published them step by step. Furthermore, Schlechtendal supported Klotzsch’s “Jahresberichte der Systematischen Botanik” and his “Medizinische Enzyklopädie”. Last but not least, Schultz (Bipontinus) asked Schlechtendal to contribute to a project planned by Pollichia (“Naturwissenschaftlicher Verein der Bayerischen Pfalz”), founded 6 October 1840 in Bad Dürkheim, together with “Naturwissenschaftlicher Verein des Rheingebietes”. It was intended to work out a “natural history of the three regni” (botany, zoology, mineralogy). Schlechtendal’s numerous activities as editor clearly reflect the trust placed by friends and colleagues in him since he was known to be permanently ready to help, and he was well known for being reliable and competent, i.e. editorships were in good hands with him.

3.8. Schlechtendal’s correspondence

Schlechtendal exchanged a lively correspondence with numerous contemporaries. His correspondence, which constitutes a valuable treasure of historic documents, is maintained in the herbarium of the Institute of Biology, Department of Geobotany and Botanical Garden, Martin Luther University, Halle (Saale). It encompasses about 5.600 letters concerning about 500 colleagues, friends, and other contemporaries. A comprehensive, annotated list of letters has recently been published by Tkach et al. (2014) which should be consulted for further details.

3.9. Memberships of scientific societies

Schlechtendal was member and honorary member of numerous worldwide scientific societies:

1. Gesellschaft der Naturforschenden Freunde zu Berlin (since September 1817).
2. Königliche Botanische Gesellschaft in Regensburg (since 1 February 1820).
3. Kaiserlich Leopoldinisch-Carolinische Deutsche Akademie der Naturforscher (since 22 November 1822 – his father and his son were also members of the Leopoldina).
4. Naturforschende Gesellschaft zu Leipzig (since 1822).
5. Königlich Preußische Akademie der Wissenschaften zu Berlin (corresponding member since 13 February 1834).
6. Schweizer Naturforschende Gesellschaft (since 24 January 1838).
7. St. Petersburger Medizinische Akademie (since 5 March 1840).
8. Naturwissenschaftlicher Verein des Harzes (honorary member since 12 September 1840).
9. Pollichia (since 1 January 1845).
10. Linnean Society, London (since April 1853).
11. Naturwissenschaftlicher Verein von Halle [after 1852 as Naturwissenschaftlicher Verein für Sachsen und Thüringen mit Sitz in Halle] (since 4 August 1866).
12. Botanischer Verein für die Provinz Brandenburg (honorary member).

4. Annotated list of type collections

4.1 List of taxa described by D. F. L. von Schlechtendal

This updated list encompasses all taxa described and introduced by D. F. L. von Schlechtendal, supplemented by information on protologue data, types and typification details. The types of taxa present at the herbarium HAL including the images are available in the online databases JSTOR Global Plants and Virtual Herbaria JACQ. Herbarium acronyms follow the standard abbreviations of Index Herbariorum (Thiers continuously updated).

Abbreviations:

AS – authentic specimen
HT – holotype
ICN – International Code of Nomenclature for algae, fungi, and plants (Melbourne Code)
ILT – isolectotype
ING – Index Nominum Genericorum
in herb. – the name was used only on the herbarium sheet or label
INT – isoneotype
IPNI – The International Plant Names Index
IT – isotype
LT – lectotype
nom. cons. – nomen conservandum
nom. illeg. – nomen illegitimum
nom. illeg. hom. – nomen illegitimum homonymum
nom. illeg. superfl. – nomen illegitimum superfluum
nom. inval. – nomen invalidum
nom. nov. – nomen novum
nom. nud. – nomen nudum
nom. rej. – nomen rejiciendum
NT – neotype
pro syn. – the name ‘in herb.’ was listed as synonym to the published name
s.d. – sine dato
sine auct. – sine auctore
s.n. – sine numero
ST – syntype
syn. – synonym

Example:

Richardsonia grandiflora Cham. & Schldl., Linnaea 3: 351. 1828. {1} In campis Brasiliae meridionalis pluribus locis variisque temporibus legit Sellow. {2} HAL0098298 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} F0BN000848 (photo in F); HBG506620; K000016522 [LT]; W1889-0285875. {4} LT designated by Lewis, W.H. & Oliver, R.L., Brittonia 26: 283. 1974.

Taxon name with bibliographic reference. {1} Type protologue data (type locality/localities, collector, date specifications). {2} Accession number of type material deposited at HAL and specification of the type status, or “Not at HAL” when type material is not present at HAL, followed by details from type collection labels or from the context of the type collections, for example, collector, collection number, date, present day, country, provenance. The date format is YYYY-MM-DD. A collection date written, for example, “Oct. (1826–1834)” means that the specimen was collected in any October during the collection trip between 1826 and 1834, but the precise year is unknown. The numbers cited in quotation marks are handwritten on the label. They are not the collection number as frequently assumed but refer to an enumeration of taxa in the protologue publication. Exceptions are discussed below under {4}. {3} Type specimens in further herbaria (syntypes, isotypes, lectotypes, isolectotypes) or authentic material (specimens, photographs), but without specification of the particular type status except for LT if known. {4} Information on typifications with references, nomenclatural notes, comments or corrections.

A

Abutilon ellipticum Schldl., Linnaea 11: 368. 1837. {1} Ad Tlalpujahua Mexic. (leg. Keerl, comm. Martius). {2} Not at HAL: Keerl, F.W. s.n., 1830, Mexico, Tlalpujahua. {3} BR0000005180363.

Abutilon erosum Schldl., Linnaea 11: 367. 1837. {1} Ad Tlalpujahua Mexic. (leg. Keerl, comm. Martius). {2} HAL0098382 [ST]: Keerl, F.W. s.n., s.d., Mexico, Michoacán de Ocampo, ad Tlalpujahua. {3} BR according to Tropicos.

Abutilon floribundum Schldl., Linnaea 11: 366. 1837. {1} Ad Tlalpujahua Mexic. (Keerl leg., Martius comm.). {2} HAL0098381 [ST]: Keerl, F.W. s.n., s.d., Mexico, Michoacán de Ocampo, ad Tlalpujahua. {3} BR according to Tropicos.

Abutilon diplotrichum F.Muell. ex Schldl., Linnaea 25: 380. 1853. {1} In planitiebus semisalsis sterilibus propter Cudnaka. {2} Not at HAL: Mueller, F.J.H. s.n., 1847-10 or 1851-10, Australia, in

planitiebus semisalsis sterilibus propter Cudnaka. {3} MEL516338 [LT]; MEL516348 [ILT]. {4} = *Abutilon diplotrichum* F.Muell. (nom. inval.), Linnaea 25: 380. 1852, nom inval. according to ICN Art. 36.1. LT designated by Baker, R.M, Muelleria 9: 113. 1996. The nomenclatural background has been discussed in detail by Baker (l.c.) and is accepted to be correct.

Abutilon halophilum F.Muell. ex Schldtl., Linnaea 25: 381. 1853. {1} Inter montes Flinders range et sinum Spenceri locis salsis sterilibus praesertim montem Brunonis versus. {2} Not at HAL: Mueller, F.J.H. s.n., 1851-11, Australia, inter montes Flinders range et sinum Spenceri locis salsis sterilibus praesertim montem Brunonis versus. {3} K000659621; MEL594392 [LT]; MEL594393 [ST]; MEL112217 [ST or ILT] (p.p., middle specimen only). {4} = *Abutilon halophilum* F.Muell. (nom. inval.), Linnaea 25: 381. 1852, nom inval. according to ICN Art. 36.1. LT designated by Baker, R.M, Muelleria 9: 113. 1996. The nomenclatural background has been discussed in detail by Baker (l.c.) and is accepted to be correct.

Abutilon racemosum Schldtl., Linnaea 11: 367. 1837. {1} Ad Tlalpujahua Mexic. (leg. Keerl, comm. Martius). {2} HAL0098380 [ST]: Keerl, F.W. s.n., s.d., Mexico, Michoacán de Ocampo, ad Tlalpujahua. {3} BR according to Tropicos.

Acacia aurita Schldtl., Linnaea 12: 572. 1838. {1} In rupestribus Malpays de Naulingo reg. temp. calidioris, Aprili (Schiede). {2} HAL0036642 [ST], HAL0107641 [ST]: Schiede, C.J.W. s.n., 1829-04, Mexico, Veracruz-Llave, in rupestribus Malpays de Naulingo reg. temp. Calidioris. {3} BM000649187; NY00001453.

Acacia callistemon Schldtl., Linnaea 12: 568. 1838. {1} Pr. Reglam (C. Ehrenberg), Mexico (hb. Lehm.). {2} HAL0070149 [ST]: Ehrenberg, C.A. 691, 1831–1840, Mexico, Hidalgo, prope Reglam. {4} HAL0070149 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Acacia carbonaria Schldtl., Linnaea 12: 571. 1838. {1} *Ac. sp. IV*. Linn. l. c. n. 695. Inter Veracruz et Plan del Rio Jul. (Schiede). {2} HAL0041313 [HT]: Schiede, C.J.W. 190 “695”, 1828-07, Mexico, Veracruz-Llave, inter Veracruz et Plan del Rio. {4} Annotated as HT by M. Bässler (B) 1992, and cited in Bässler, M., Flora de la República de Cuba: Plantas vasculares: 101. 1998, as “type”. HAL0041313 seems to be a unique specimen, on which the original description was based and can thus be considered as HT (ICN Art. 9.1, Note 1). Schlechtendal’s citation of number “695” refers to “Linnaea 5: 596. 1830” (he cited “692–697” which is related to a list of unidentified *Acacia* species).

Acacia clavata Schldtl., Linnaea 20: 662. 1847. {1} Auf dem östlichen Abhange der Berge nach dem Scrub beim Murrayflusse. August. {2} HAL0041266 [lectotype, **designated here**]: Behr, H.H. s.n. “185”, 1845-08, Australia, South Australia, auf dem östlichen Abhange der Berge nach dem Scrub beim Murray-Flusse. {3} NY00001586. {4} Erroneously annotated as HT on the label of the HAL specimen by B.R. Maslin 1975-05-28, and later cited as “holo: HAL; iso: NY” by Maslin, B.R., in Orchard, A.E. & Wilson, A.J.G. (eds.), Flora of Australia, Vol. 11A, Mimosaceae, *Acacia* part 1: 603. 2001, which is, however, not correctable to LT since Art. 7.10 was not met in this publication. Therefore, a valid lectotypification in the sense of B.R. Maslin is made in this publication.

Acacia cuspidata Schldtl., Linnaea 12: 573. 1838. {1} Pr. Mexico (Mühlenpfordt). {2} Not at HAL: Mühlenpfordt, F. s.n., s.d., Mexico, Pr. Mexico.

Acacia cyclophylla Schldtl., Linnaea 20: 663. 1847. {1} Am steinigen Ostabhange des Berglandes nach dem Murrayscrub. August. {2} HAL0041267 [lectotype, **designated here**]: Behr, H.H. s.n. “186”, 1845-08, Australia, South Australia, am steinigen Osthange des Berglandes nach dem Murrayscrub. {3} NY00001607. {4} HAL0041267 was erroneously annotated as HT by B.R. Maslin 1975-05-28, and later cited as “holo: HAL; iso: NY” by Maslin, B.R., in Orchard, A.E. & Wilson, A.J.G. (eds.), Flora of Australia, Vol. 11A, Mimosaceae, *Acacia* part 1: 603. 2001, which is, however, not correctable to LT since Art. 7.10 was not met in this publication. Therefore, a valid lectotypification in the sense of B.R. Maslin is made in this publication.

Acacia diversifolia Schldtl., Linnaea 12: 570. 1838. {1} In sylvis pr. Jalapam et la Hac. de la Laguna. Aug. Sept. (Schiede). {2} HAL0041283 [ST]: Schiede, C.J.W. 187 “693”, 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam. HAL0041284 [ST]: Schiede, C.J.W. 187 “693”, 1828-09, Mexico, Veracruz-Llave, in sylvis prope Hacienda de la Laguna. {3} G00371059; GH00277337; NY00023346.

Acacia elegans Schldtl., Linnaea 12: 569. 1838. {1} Pr. Reglam (C. Ehrenberg). {2} HAL0041288 [HT]: Ehrenberg, C.A. 692, 1831–1840, Mexico, Hidalgo, prope Reglam. {4} Annotated as HT by D.S. Seigler (ILL) & J.E. Ebinger (ILL) 2008, which is probably correct according to ICN Art. 9.9, provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Acacia glabrata Schldtl., Linnaea 12: 569. 1838. {1} *Ac. sp.* Linn. l.c. n. 692. Pr. San Andres, Aug. (Schiede). {2} HAL0041236 [HT]: Schiede, C.J.W. & Deppe, F. s.n. “692”, 18??-08, Mexico, prope San Andres. {4} Annotated as HT by D.S. Seigler (ILL) & J.E. Ebinger (ILL) 2009, which is probably correct according to ICN Art. 9.9, provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1). Schlechtendal’s citation of number “692” refers to “Linnaea 5: 596. 1830” (he cited “692–697” which is related to a list of unidentified *Acacia* species).

Acacia hirsuta Schldtl., Linnaea 12: 572. 1838. {1} Pr. Tioselo, Aug. (Schiede). {2} HAL0041607 [LT], HAL0107642 [ILT]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, prope Tioselo. {3} G00364577; GOET004606; NY00001726; US00000223; US00000222. {4} Annotated as IT by D.S. Seigler (ILL) 1992-05. LT designated by Rico Arce, M. de L. & Bachmann, S., Anales Jard. Bot. Madrid. 63: 200. 2006 (“lectotype: HAL, isolectotypes, G!, US! [fragment], OXF!”).

Acacia humilis Schldtl., Linnaea 12: 567. 1838. {1} Pr. Reglam in pratis Junio floret, Septembri et Octobri mensibus fructus fert; flores albi (C. Ehrenberg). {2} HAL0041176 [HT]: Ehrenberg, C.A. 563, Jun., Sept., Oct. (1831–1840), Mexico, Hidalgo, prope Reglam in pratis. {4} Annotated as HT by M. Bässler (B) 1992, which is probably correct according to ICN Art. 9.9, provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Acacia mammifera Schldtl., Linnaea 12: 563. 1838. {1} Barranca de Acholoya Nov. fructif. (C. Ehrenberg). {2} HAL0071840 [ST]: Ehrenberg, C.A. 845, 1831–1840, Mexico, Barranca de Acholoya. {3} G00364607; NY00001481; UC according to Tropicos.

Acacia metrosiderifolia Schldtl., Linnaea 15: 567. 1838. {1} In sylvis dumetisque Jalapae et pr. Hac. de la Laguna Majo flor., Aug. fructif. (Schiede). {2} HAL0041078 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0041079 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in dumetis Jalapae. {3} GOET004927.

Acacia platyacantha Schldtl., Linnaea 12: 565. 1838. {1} In reg. Mineral del Monte leg. C. Ehrenberg. {2} HAL0041036 [HT]: Ehrenberg, C.A. 562, 1834–1840, Mexico, Hidalgo, Mineral del Monte. {4} This is probably HT material according to ICN Art. 9.9, provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Acacia pubescens Schldtl. (nom. illeg.), Linnaea 12: 565. 1838. {1} Pr. Reglam C. Ehrenberg. {2} HAL0098632 [ST], HAL0098097 [ST]: Ehrenberg, C.A. 689, 1831–1840, Mexico, Hidalgo, Reglam. {4} Non R.Br. 1789.

Acacia pulverulenta Schldtl., Linnaea 12: 571. 1838. {1} *Ac. sp.* Linn. l.c. n. 694. Ad ripam fluminis Misantlensis pr. San Antonio reg. calidae. Febr. (Schiede). {2} HAL0021527 [ST], HAL0107639 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “694”, 1829-02, Mexico, Veracruz-Llave, ad ripam fluminis Misantlensis prope San Antonio regionis calidae. {3} US00000597; US00000598. {4} HAL0021527 was erroneously annotated as HT by M.C. Johnston (M) 1969, which would be correctable to LT according to ICN Art. 9.9, provided that this type annotation was published (maybe in Correll, D.S. & Johnston, M.C., Manual of vascular plants of Texas. 1970 [not seen]). Schlechtendal’s citation of number “694” refers to “Linnaea 5: 596. 1830” (he cited “692–697” which is related to a list of unidentified *Acacia* species).

Acacia retinodes Schldtl., Linnaea 20: 664. 1847. {1} Ein mittelgrosser Baum. Sehr verbreitet auf fruchtbarem Boden in der Nähe des Wassers in den Thälern. Januar. {2} HAL0041017 [ST]: Behr, H.H. s.n. “189”, 1845-01, Australia, South Australia, Süd-Australien. {3} MEL according to Tropicos.

Acacia spadicigera Schldtl. & Cham., Linnaea 5: 594. 1830. {1} *Prosopis sp.* in schedula; Prope la Laguna verde. Mart. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. s.n. “685”, 1828-03, Mexico, Veracruz: near La Laguna Verde. {3} US00000611 [LT]. {4} LT designated by Seigler, D.S. & Ebinger, J.E., Ann. Missouri Bot. Gard. 82: 125. 1995 [B destroyed].

Acacia sphaerocephala Schldtl. & Cham., Linnaea 5: 594. 1830. {1} Arborescens prope Actopan Martio florifera. – In calidioribus prope la Hacienda de la laguna. Oct. fructifera. – Vera-Cruz sterilis, ideo incerta. {2} HAL0040983 [LT]: Schiede, C.J.W. s.n. “684”, 1829-03, Mexico, Veracruz-Llave, prope Actopan. HAL0040984 [ST]: Schiede, C.J.W. s.n. “684”, 1828-10, Mexico, Veracruz-Llave, in calidioribus prope la Hacienda de la Laguna. HAL0040938 [ST]: Schiede, C.J.W. s.n. “684”, 18??, Mexico, Veracruz-Llave, Vera-Cruz. {3} US00000615. {4} LT designated by Seigler, D.S. & Ebinger, J.E., Ann. Missouri Bot. Gard. 82: 133. 1995, erroneously as HT (“holotype, HAL, fragment and foto F, US”), correctable to LT according to ICN Art. 9.9.

Acacia stipellata Schldtl., Linnaea 12: 574. 1838. {1} Pr. Mexico (Mühlenpfordt). {2} Not at HAL: Mühlenpfordt, F. s.n., s.d., Mexico, Pr. Mexico. {3} US00000618; NY00001499.

Acaena behriana Schldtl., Linnaea 20: 660. 1847. {1} Not specified. {2} HAL0022041 [LT]: Behr, H.H. s.n. “183”, 1844–1845, Australia, South Australia, Süd-Australien, auf höher gelegnem Grasland häufig

im Gebiet des Gawler river. {3} MEL21939. {4} LT designated by Orchard, A.E., Trans. & Proc. Roy. Soc. South Australia. 93: 98. 1969, erroneously as HT, correctable to LT according to ICN Art. 9.9.

Acaena eupatoria Cham. & Schltld., Linnaea 2: 30. 1827. {1} In Brasiliae meridionalis provinciis legit Sellow. {2} HAL0121278 [ST]: Sellow, F. 45, 1814–1831, Brazil, Brasilia meridionalis. {3} F0BN003378 (photo in F).

Acaena microcephala Schltld., Linnaea 28: 463. 1856. {1} Alia specimina fructifera lecta sunt in Cordillerae de Ranco glareosis Dec. m. 1854 (n. 2951), alia florentia et villosiora ad scaturigines Sichahua in ead. Cord. de Ranco eodem mense et anno (n. 3029). {2} HAL0121281 [ST]: Lechler, W., Plantae chilenses 2951, 1854-12, Chile, in summis Cordiller. de Ranco. {4} HAL0121281 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Acalypha deppeana Schltld., Linnaea 7: 385. 1832. {1} Frutex prope Plan del Rio. {2} HAL0118539 [ST]: Schiede, C.J.W. 69 “382”, 1828-01, Mexico, Veracruz-Llave, Prope Plan del Rio. {4} HAL0118539 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Acalypha filiformis Schltld. (pro syn.), pro syn. *Linostachys padifolia* Schltld., Linnaea 19: 235. 1846. {2} HAL0103847 [AS]: Leibold, F.E. s.n., 1839–1844, Mexico, Mexico tropica.

Acalypha interrupta Schltld., Linnaea 7: 386. 1832. {1} Hb. W. n. 17829 specimen Humboldtianum; Hacienda de la Laguna. Jul. 29. {2} Not at HAL: Schiede, C.J.W. s.n., 1829-07, Mexico, Hacienda de la Laguna. Not at HAL: Bonpland, A.J.A. & Humboldt, F.W.H.A. von 4033, 1799–1804, Mexico. {3} B-W17829-010.

Acalypha rhombifolia Schltld., Linnaea 7: 382. 1832. {1} In cultis atque in dumetis umbrosis Jalapae. {2} HAL0118536 [ST], HAL0118537 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in cultis Jalapae. HAL0118538 [ST]: Schiede, C.J.W. 68, 1828-08, Mexico, Veracruz-Llave, in dumetis umbrosis pr. Jalapam. {3} BM000947442; F0BN005314 (photo in F).

Acalypha schiedeana Schltld., Linnaea 7: 384. 1832. {1} *Ac. sp.* Linnaea V. p. 87 n. 72. In sylvis umbrosis Jalapae, Majo 29. {2} HAL0072241 [ILT]: Schiede, C.J.W. 247 “44”, 1829-05, Mexico, Veracruz-Llave, in sylvis umbrosis Jalapae. HAL0118541 [ILT], HAL0118540 [ILT]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in sylvis umbrosis Jalapae. {3} F0BN005319 (photo in F); P00645420 [LT]; BM000611457. {4} LT designated by Cardiel, J.M. & Muñoz Rodríguez, P., PhytoKeys 17: 12. 2012 (“lectotype: P[645420]; B[destroyed, photo 5319]; HAL[072241]”). Schlechtendal cited in “Linnaea 5: 87. 1830” under *Acalypha* 68–72: “species quinque serius determinandae.”

Achetaria Cham. & Schltld., Linnaea 2: 566. 1827.

Achetaria sprengelii Cham. & Schltld. (nom. illeg.), (type species of the genus *Achetaria* Cham. & Schltld.), Linnaea 2: 567. 1827. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} PH00050251. {4} = *Herpestis erecta* Spreng., Syst. Veg., ed. 16, 2: 801. 1825.

Acrostichum vestitum Schltld. & Cham., Linnaea 5: 605. 1830. {1} In truncis arborum prope Jalapam. Aug. {2} HAL0081876 [ST]: Schiede, C.J.W. & Deppe, F. 766 “735”, 1828-08, Mexico, Veracruz-Llave, in truncis arborum prope Jalapam. {3} B200072231; B200072224.

Adelia barbinervis Schltld. & Cham., Linnaea 6: 362. 1831. {1} Arbuscula ramis spinescentibus, Papantlae. Jan. {2} HAL0098600 [LT], HAL0107585 [ILT]: Deppe, F. & Schiede, C.J.W. s.n. “1131”, 1829-01, Mexico, Veracruz-Llave, Papantla, Mexico. {3} MO-188430 [ILT]. {4} LT designated by De-Nova, J.A., Syst. Bot. 32: 587. 2007 (“lectotype: HAL; isolectotype: MO.”).

Adenandra brachyphylla Schltld., Linnaea 6: 199. 1831. {1} Palmietrivier, Houhoek bis Potrivier, Sept.; Bergrücken am schwarzen Berge beim Wege von Caledons Bad nach Gnadenthal. Nov. {2} Not at HAL: Ecklon, C.F. & Zeyher, C.L.P. s.n., Sep. (1829–1832), South Africa, Palmietrivier, Houhoek bis Potrivier. Not at HAL: Ecklon, C.F. & Zeyher, C.L.P. s.n., Nov. (1829–1832), South Africa; Bergrücken am schwarzen Berge beim Wege von Caledons Bad nach Gnadenthal. {3} BOL136645; HBG510123; S-G-87 [LT]. {4} LT designated by Strid, A., Opera Botanica 32: 112. 1972 [not seen].

Adenandra uniflora (L.) Willd. var. *isophylla* Schltld., Linnaea 6: 197. 1831. {1} Felsige Gegenden der 3. Höhe in der Kluft nach der Vankampsbai, Oct. sandige steinige Gegenden in der 2. Höhe ebendaselbst; sandige, steinige Gegenden am Fuße des Tafelberges 2. Höhe, der Vankampsbai zu Juli; steinige Gegenden der 3. Höhe auf der östlichen Seite des Teufelberges Jan. {2} HAL0030348 [ST]: Ecklon, C.F. s.n., Jan. (1823–1828), South Africa, Kapland, steinige Gegenden der 3. Höhe auf der östlichen Seite des Teufelsberges. Not at HAL: Ecklon, C.F. & Zeyher, C.L.P. s.n., Oct. (1829–1832), South Africa, felsige Gegenden der 3. Höhe in der Kluft nach der Vankampsbai. Not at HAL: Ecklon, C.F. & Zeyher, C.L.P.

s.n., Jul. (1829–1832)], South Africa, sandige steinige Gegenden in der 2. Höhe ebendasselbst; sandige, steinige Gegenden am Fuße des Tafelberges 2. Höhe, der Vankampsbai zu Juli.

Adiantum thalictroides Willd. ex Schldtl., Adumbr. pl. 5: 53. 1832. {1} Crescit in insula Mauritii (Aub. du Petit-Thouars v.sp.), inque Promontorio bonae spei in montis tabularis descensu boreali (Bergius v. sp.). {2} Not at HAL: Thouars, L.M.A. du Petit s.n., s.d., Mauritius. Not at HAL: Bergius, K.H. s.n., – 1815–1817), South Africa; inque Promontorio bonae spei in montis tabularis descensu boreali. {3} B-W20101.

Aechmea schiedeana Schldtl., Linnaea 18: 437. 1845. {1} [...] welche Schiede bei der Hacienda de la Laguna im October mit abgefallenen Blüthen fand. {2} Not at HAL: Schiede, C.J.W., 18??-10, Mexico, Hacienda de la Laguna.

Aegiphila brachiata Schldtl. & Cham. (nom. illeg.), Linnaea 6: 371. 1831. {1} Frutex floribus albis ramis diffusis prope Estero. Jan. {2} HAL0097778 [ST], HAL0107371 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1165”, s.d., Mexico, prope Estero. {3} B according to Tropicos. {4} Non Velloso 1825; = *Aegiphila deppeana* Steud., Nomencl. Bot. (ed. 2) 1: 29. 1840.

Aeschynomene elegans Schldtl. & Cham., Linnaea 5: 583. 1830. {1} In collibus apricis prope Jalapam. August. Hacienda de Laguna. Sept. {2} HAL0098428 [ST]: Schiede, C.J.W. 231 “634”, 1828-08, Mexico, Veracruz-Llave, in collibus apricis prope Jalapa. HAL0098429 [ST]: Schiede, C.J.W. 231 “634”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BM000931567; F and GH according to Tropicos.

Aeschynomene fascicularis Schldtl. & Cham., Linnaea 5: 584. 1830. {1} Inter la Laguna verde et Actopan. Mart. (fruticosa, corollis flavis). {2} HAL0098430 [ST]: Schiede, C.J.W. s.n. “635”, 1829-03, Mexico, Veracruz-Llave, inter la Laguna verde et Actopan. {4} HAL0098430 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Agathosma eckloniana Schldtl., Linnaea 6: 207. 1831. {1} Griets-gat. {2} Not at HAL: Ecklon, C.F. & Zeyher, C.L.P. s.n., 1829–1832, South Africa, Griets-gat. {4} Additional material deposited in various herbaria (cf. JSTOR) Ecklon, C.F. 899, 18??-07; South Africa, inter saxa laterum montium “Hauhoeksberge” supra viam novam (Stellenbosch)” was supposed to be type material by Sonder, W., Fl. Cap. 1: 429. 1860, which is, however, incorrect.

Agathosma erecta (J.C.Wendl.) Bartl. & H.Wendl. var. *glaberrima* Schldtl., Linnaea 6: 204. 1831. {1} South Africa; Capsche Fläche unter dem Tiegerberge bei Duikervallei Decbr., ebendas bei Dornhagen, Novbr. {2} Not at HAL: Ecklon, C.F. & Zeyher, C.L.P. s.n., Dec. (1829–1832), South Africa, Capsche Fläche unter dem Tiegerberge bei Duikervallei. Not at HAL: Ecklon, C.F. & Zeyher, C.L.P. s.n., Nov. (1829–1832), South Africa; Dornhagen. {3} S08-8304. {4} JE00003924, JE00003925 cannot be considered as type material due to a different location.

Agathosma erecta (J.C.Wendl.) Bartl. & H.Wendl. var. *pilosa* Schldtl., Linnaea 6: 204. 1831. {1} In Herbario Regio Berolinensi exstat. {2} HAL0098627 [ST], HAL0107608 [ST]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Prom. bon. spei.

Agathosma ericoides Schldtl., Linnaea 6: 206. 1831. {1} Uitenhagen Novbr. 1825 Zeyher. {2} HAL0098626 [ST], HAL0107607 [ST]: Zeyher, C.L.P. & Ecklon, C.F. 905, 1825-11, South Africa, Eastern Cape, Uitenhagen.

Agathosma gnidioides Schldtl., Linnaea 6: 206. 1831. {1} Zwischen Beaufort und Graafreynet, Juli, Aug., Uitenhagen Zeyher. {2} Not at HAL: Ecklon, C.F. s.n., 18??-07–08, South Africa, zwischen Beaufort und Graafreynet. Not at HAL: Zeyher, C.L.P., 18??, South Africa, Uitenhage. {4} M0110282 [Zeyher 79, as *Diosma dubia*] might be type material.

Agathosma joubertiana Schldtl., Linnaea 6: 207. 1831. {1} South Africa, Zoetendaalsvallei District Zwellendam October; Miss H. Joubert. {2} Not at HAL: Joubert, H. s.n., 18??-10, South Africa, Zoetendaalsvallei District Zwellendam. {3} K000199317; SAM0030701-0; S-G-175. {4} H. Joubert’s name is not mentioned on Ecklon & Zeyher’s labels, but the plants concerned were possibly cultivated in the garden of J.A. Joubert (see http://www.s2a3.org.za/bio/Biograph_final.php?serial=833).

Agathosma minuta Schldtl., Linnaea 6: 206. 1831. {1} Karsrivier von de Bruin bis Potberg, 3–9. Oct. 1862. {2} HAL0029905 [ST]: Zeyher, C.L.P. & Ecklon, C.F. s.n., 1826-10-03–09, South Africa, Karsrivier von de Bruin bis Potberg. {3} S-G-190.

Agathosma montana Schldtl., Linnaea 6: 207. 1831. {1} Swarteberg bei Caledons Bad Novbr. 1825; Baviansberg bei Gnadendaal Novbr. 1825. {2} Not at HAL: Zeyher, C.L.P. & Ecklon, C.F. s.n., 1825-11, South Africa, Swarteberg bei Caledons Bad. Not at HAL: Zeyher, C.L.P. & Ecklon, C.F. s.n., 1825-11, South Africa; Baviansberg bei Gnadendaal. {3} S-G-192.

Agathosma pilifera Schltl., Linnaea 6: 206. 1831. {1} Uitenhagen, Zeyher. {2} HAL0024851 [ST]: Zeyher, C.L.P. & Ecklon, C.F. s.n., 1829–1832, South Africa, Eastern Cape, Uitenhage. {3} S-G-197; SAM0030661-0; W0009291; K000311592.

Agathosma sedifolia Schltl., Linnaea 6: 206. 1831. {1} Zoetendaalsvalley Octbr. Miss Joubert. {2} Not at HAL: Miss H. Joubert s.n., 18??-10, South Africa, Zoetendaalsvalley. {3} BOL136624; K000199318; SAM0030720-0; S-G-207. {4} H. Joubert's name is not mentioned on Ecklon & Zeyher's labels, but the plants concerned were possibly cultivated in the garden of J.A. Joubert (see http://www.s2a3.org.za/bio/Biograph_final.php?serial=833).

Agathosma serpyllacea Licht. ex Roem. & Schult. var. *latifolia* Schltl., Linnaea 6: 205. 1831. {1} In collibus calcareis et iis qui constant lapide arenario (altit. II) inter flumina “Breede- et Duyvenhoeksrivier” (Swellendam). {2} Not at HAL: Ecklon, C.F. & Zeyher, C.L.P. s.n., 1829–1832, South Africa, in collibus calcareis et iis qui constant lapide arenario (altit. II) inter flumina “Breede- et Duyvenhoeksrivier” (Swellendam). {3} S06-4274; S-G-206. {4} = *Agathosma schlechtendaliana* Eckl. & Zeyh. (nom. nov.), Enum. Pl. Afr. Austral. 109. 1835 (= *Agathosma eriantha* (Steud.) Steud.).

Agathosma thymifolia Schltl., Linnaea 6: 205. 1831. {1} South Africa; Saldanhabay, Aug. 19–25. V. Hr. Ludwig. {2} Not at HAL: V. Hr. Ludwig s.n., 18??-08-19–25, South Africa, Saldanhabay. {3} S08-8679; S08-8680. {4} Labels of Ecklon & Zeyher.

Agave polyanthoides Schltl. & Cham., Linnaea 6: 55. 1831. {1} Mexico, in graminosis et locis sylvaticis regionis temperatae prope la Hacienda de la Laguna in confinio Jalapae. {2} Not at HAL: Deppe, F. & Schiede, C.J.W. s.n., s.d., Mexico, in graminosis et locis sylvaticis regionis temperatae prope la Hacienda de la laguna in confinio Jalapae. {3} BM000938056 [LT]; LE00001302 [ILT]. {4} LT designated on the label by S.E. Verhoek-Williams 1974-08-26; possibly published in Verhoek-Williams, S.E. A study of the tribe Poliantheae (including *Manfreda*) and revisions of *Manfreda* and *Prochnyanthes* (Agavaceae): 415 pp. 1975 [not seen].

Agropyron repens (L.) P. Beauv. var. *aristatum* Schltl. (nom. illeg.), Fl. Berol. 1: 91. 1823. {1} Gemein! {2} HAL0141887 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin. {4} Non *A. repens* var. *aristatum* Schreb. ex Baumg., 1816.

Agropyron repens (L.) P. Beauv. var. *muticum* Schltl. (nom. illeg.), Fl. Berol. 1: 91. 1823. {1} Gemein! {2} HAL0141886 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin. {4} Non *A. repens* var. *muticum* Schreb. ex Baumg., 1816.

Agrostis canina L. var. *arida* Schltl., Fl. Berol. 1: 45. 1823. {1} Jungfernheide! Thiergarten! Grunewalde! Tegel! etc. {2} HAL0026663 [ST]: Schlechtendal, D.F.L. von s.n., 1821, Germany, Berlin.

Agrostis canina L. var. *sylvatica* Schltl., Fl. Berol. 1: 45. 1823. {1} Jungfernheide! Thiergarten! Grunewalde! Tegel! etc. {2} HAL0026665 [ST]: Schlechtendal, D.F.L. von s.n., 1821, Germany, Berlin.

Agrostis vulgaris With. var. *laxa* Schltl., Fl. Berol. 1: 44. 1823. {1} Sehr gemein! {2} HAL0137398 [ST]: Schlechtendal, D.F.L. von s.n., 1821, Germany, Berlin.

Agrostis vulgaris With. var. *rigida* Schltl., Fl. Berol. 1: 44. 1823. {1} Sehr gemein! {2} HAL0137397 [ST]: Schlechtendal, D.F.L. von s.n., 1821, Germany, Berlin.

Alchemilla hirsuta Kunth var. *alpestris* Schltl. & Cham., Linnaea 5: 572. 1830. {1} In monte Orizabae. {2} HAL0043471 [ST]: Schiede, C.J.W. 581 “588”, 1828-09, Mexico, Veracruz-Llave, in monte Orizaba. {3} LE00001983; LE00001984.

Alchemilla hirsuta Kunth var. *campestris* Schltl. & Cham., Linnaea 5: 572. 1830. {1} In graminosis prope Jalapam. {2} HAL0043489 [ST]: Schiede, C.J.W. 578 “588”, 1828-08, Mexico, Veracruz-Llave, in graminosis prope Jalapam. HAL0043490 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “588”, 1829-11, Mexico, Veracruz-Llave, Michoacán de Ocampo, ad Anganguero. {3} JE00000796; JE00000797; JE00000798; LE00001984; LE00001985; NY00356184; U0005833. {4} = *Lachemilla schiedeana* Rydb. (nom. nov.), N. Amer. Fl. 22: 382. 1908 (“Type collected near Anganguero, Mexico, Schiede 588 [herb. Columbia University]”). Material at HAL was annotated as IT by W. Rothmaler 1937-02-27.

Alchemilla venusta Schltl. & Cham., Linnaea 5: 573. 1830. {1} Not specified. {2} HAL0043579 [LT?]: Schiede, C.J.W. 577 “592”, 1828-08, Mexico, Veracruz-Llave, in graminosis prope Jalapam. {3} BM000629548; BM000953532; BR0000005294534; F0BN018022 (photo in F); GH00102049; GOET003516; HBG510999; JE00000800; MO-2332807 (photo); NY00356189; U0005854; US00107808. {4} HAL0043579 was erroneously annotated as HT by E.G.B. Kieft (NHN) 1982, which could constitute a lectotypification according to ICN Art. 9.9, but the corresponding publication has not yet been found.

Alchemilla vulcanica Schltl. & Cham., Linnaea 5: 573. 1830. {1} In Monte Orizaba. Sept. {2} HAL0043580 [LT?]: Schiede, C.J.W. 580 “591”, 1828-09, Mexico, Veracruz-Llave, in monte Orizaba.

{3} BM000629549; F0BN018023 (photo in F); GH00026011; JE00000815; LE00001988; LE00001989; MA812013; MO-460886 (photo). {4} HAL0043580 was erroneously annotated as HT by E.G.B. Kieft (NHN) 1982, which could constitute a lectotypification according to ICN Art. 9.9, but the corresponding publication has not yet been found.

Alectoroctonum Schltld., Linnaea 19: 252. 1846. {4} According to ING, *Alectoroctonum scotatum* (Schltld.) Schltld., Linnaea 19: 252. 1846 is the type species of the genus *Alectoroctonum* Schltld.

Alectoroctonum ovatum Schltld., Linnaea 19: 252. 1846. {1} *Euph. cotinifolia* Linn. VI. p. 358. n. 1120 excl. syn. omn. Arborescens Actopan, Papantla (Matagallina incol.). {2} HAL0071001, HAL0107593 [ST]: Schiede, C.J.W. s.n. "1120", 1829-01, Mexico, Veracruz-Llave, in sepibus Papantlae; in sylvibus prope Actopan. Notes: Schlechtendal's citation of "1120" refers to "Linnaea 6. 358. 1831."

Alectoroctonum yavalquahuil Schltld., Linnaea 19: 252. 1846. {1} In sepibus prope Tioselo frequentissima, ab incolis Yavalquahuil nominatur et venenosa dicitur. {2} Not at HAL: Schiede, C.J.W. s.n., 18??-08, Mexico, Tioselo.

Alisma grandiflorum Cham. & Schltld., Linnaea 2: 152. 1827. {1} St. Catharina insula Brasiliae in stagnis, in provinciis Montevideo et Rio Grande do Sul Brasiliae, legit Sellow, inque lutosus paludosis ad St. Annam prov. Rio Janeiro Brasiliae Beyrich. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, St. Catharina insula Brasiliae in stagnis, in provinciis Montevideo et Rio Grande do Sul Brasiliae. Not at HAL: Beyrich, H.C. s.n., s.d., Brazil, inque lutosus paludosis ad St. Annam prov. Rio Janeiro Brasiliae. {3} BM000578837 [ILT]; BR0000008410221; E00319729; K000098932; LE [LT]. {4} LT designated by Haynes, R.R. & Holm-Nielsen, L.B., Brittonia 38: 330. 1986 ("LT: LE, ILT: BM, E-GL").

Allocaarpus sabazioides Schltld., Linnaea 9: 590. 1835. {1} Prope San Miguel del Soldado et la Joya. Jun. {2} HAL0107652 [ST]: Schiede, C.J.W. s.n., 1829-06, Mexico, Prope San Miguel del Soldado et la Joya. {4} HAL0107652 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Alopecurus geniculatus L. var. *aquaticus* Schltld., Fl. Berol. 1: 39. 1823. {1} Gemein! {2} HAL0137399 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Alopecurus geniculatus L. var. *terrestris* Schltld., Fl. Berol. 1: 39. 1823. {1} Gemein! {2} HAL0138413 [ST]: Schlechtendal, D.F.L. von s.n., 1821, Germany, Berlin.

Alopecurus pratensis L. var. *major* Schltld., Fl. Berol. 1: 39. 1823. {1} Gemein! {2} HAL0138414 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Alopecurus pratensis L. var. *minor* Schltld., Fl. Berol. 1: 39. 1823. {1} Gemein! {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.

Alstroemeria gloriosa Schltld. & Cham., Linnaea 6: 51. 1831. {1} Flore roseo, intus maculato, phyllis interioribus maculatis, in sylvibus Jalapensibus. Aug. {2} HAL0045484 [ST]: Schiede, C.J.W. & Deppe, F. s.n. "999", 1828-08, Mexico, Veracruz-Llave, in sylvibus Jalapensibus. {3} BM and K according to Tropicos.

Althaea kurdica Schltld., Linnaea 17: 127. 1843. {1} In fancibus regionum altiorum saxosarum montis Gara in Kurdistania. Aug. fl. leg. Kotschy. {2} HAL0098407 [ST], HAL0098608 [ST]: Kotschy, C.G.T., Plantae Alepp. Kurd. Moss. 365, 1841-08-03, Syrian Arab Republic, in faucibus regionum altiorum saxosarum montis Gara in Kurdistania. {3} A00260731; BM000603430; FI006046; G00353101; G00353103; GOET007721; H1051319; K000659220; K000659221; M0210350; W0045148; WAG0004658; W1889-0309987.

Alyssum albescens Schltld. (pro syn.), pro syn. *Alyssum montanum* L. in Syst. Nat. 2: 309. 1821.

Alyssum imbricatum Schltld. (pro syn.), pro syn. *Alyssum lenense* Adams in Syst. Nat. 2: 308. 1821. {2} HAL0086107 [AS]: Pallas, P.S. von s.n., 1768, Russian Federation, Siberia.

Amaranthus crassipes Schltld., Linnaea 6: 757. 1831. {1} In locis padulosis ad rivulos insulae Sti. Thomae. {2} HAL0076208 [ST]: Ehrenberg, C.A. s.n., 1826, United States Virgin Islands, Ad rivulus insulae St. Thomae. {4} HAL0076208 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Ammannia catholica Cham. & Schltld., Linnaea 2: 378. 1827 var. *catholica* (≡ *A. catholica* var. *philippensis* Cham. & Schltld.). {1} In arenosis humidis circa Tierra alta Luconiae legimus. {2} HAL0098155 [lectotype, **designated here**]: Chamisso, L.C.A. von s.n. 1817-12-17–1818-01-29, Philippines, Tierra alta Luconiae. {3} G00227389, LE according to Tropicos. {4} Van Leeuwen, B., Blumea 19(1): 54. 1971 designated the collection from the Philippines (var. *philippensis*) as LT of the species ("pro *A. catholica philippensis*, lectotypus, ex luzoniae"), but failed to cite any particular herbarium specimen.

- Ammannia catholica* Cham. & Schltl. var. *brasiliensis* Cham. & Schltl., Linnaea 2: 379. 1827. {1} in Brasilia tropica non longe ab urbe Rio de Janeiro. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia tropica non longe ab urbe Rio de Janeiro. {3} K000532865, as *Rotala ramosior*.
- Ammannia catholica* Cham. & Schltl. var. *philippensis* Cham. & Schltl., Linnaea 2: 378. 1827 (see *Ammannia catholica* var. *catholica*).
- Ampelopsis pubescens* Schltl., Linnaea 10: 251. 1836. {1} In sylvis arbores scandens. Cerrania de Zoncuantla conf. Jalapae. Majo 29. {2} HAL0071859 [ST], HAL0107389 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, Cerrania de Zoncuantla conf. Jalapae. {3} BR0000005509461; BR0000005509751; MO-172008; NY00415115; S-G-352.
- Amphilophium molle* Schltl. & Cham., Linnaea 5: 120. 1830. {1} In dumetis prope Vera-Cruz. Jul. {2} HAL0098437 [ST]: Schiede, C.J.W. s.n. “240”, 1828-07, Mexico, Veracruz-Llave, in dumetis prope Vera-Cruz. {3} F0BN018447 (photo in F).
- Amygdalus ledebouriana* Schltl., Abh. Naturf. Ges. Halle 2 (Jahrg. 1854): 21. 1855. {1} *Amygdalus nana*, Altaica Fl. Alt.; [...] höchstwahrscheinlich ist auch Pallas grossblumige und grossfrüchtige Form vom Irtysh die Ledebour'sche Pflanze, [...]. {2} Not at HAL: Ledebour, C.F. von s.n., s.d., Russia, Altai (as *Amygdala nana*). Not at HAL: Pallas, P.S. von s.n., s.d., Russian Federation, Irtysh.
- Anacyclus radiatus* Loisel. var. *sulfureus* Schltl., Ind. sem. hort. hal. 1838: 7. 1838. {1} Not specified. {2} Not at HAL: Anonymous collector s.n., s.d., cult. in Hort. Bot. Halensi?
- Anagallis filiformis* Cham. & Schltl., Linnaea 1: 225. 1826. {1} Crescit in sabulosis humidis provinciae Cisplatinae. Sellow legit. {2} HAL0098444 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Montevideo.
- Anastrophus* Schltl., Botanische Zeitung 8: 681. 1850. {4} According to ING, *Paspalum platyculmum* Du Petit-Thouars ex C.G.D.Nees is the type species of the genus *Anastrophus* Schltl. (see Nash, N., Amer. Fl. 17: 161. 1912).
- Anchietea sellowiana* Cham. & Schltl., Linnaea 2: 148. 1827. {1} Lecta est haec species in Brasilia a Sellowio. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia.
- Anchusa ciliata* Schltl. (pro syn.), pro syn. *Anchusa gmelini* Ledeb. ex Spreng., in Fl. Ross. 3: 118. 1847. {2} HAL0108240 [AS]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} K000573654; P02284721; US00118586.
- Andromeda eucalyptoides* Cham. & Schltl., Linnaea 1: 518. 1826. {1} Brasiliae meridionalis provincia Rio Grande do Sul legit Sellow. {2} HAL0098591 [ST], HAL0098440 [ST], HAL0107382 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} E00326891; G00342168; G00342169; K000494454; L0006628; M0173317; BR according to Tropicos.
- Andromeda neriifolia* Cham. & Schltl., Linnaea 1: 522. 1826. {1} In Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia tropica. {3} E00326876; F0BN004584 (photo in F); G00352129; K000494435; L0006621; NY00008203.
- Andromeda nummularia* Cham. & Schltl., Linnaea 1: 520. 1826. {1} In Brasiliae meridionalis provincia Rio Grande do Sul legit Sellow. {2} HAL0098441 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia [Rio Grande do Sul]. {3} F0055221F; F0BN004585 (photo in F); L0006635.
- Andromeda pulchra* Cham. & Schltl., Linnaea 1: 521. 1827. {1} In Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia tropica. {3} E00326871; G00352007; K000494431; L0006650.
- Andromeda redowskii* Cham. & Schltl., Linnaea 1: 517. 1828. {1} Inter plantas Redowskianas Sibiriae maxime orientalis. {2} HAL0098442 [ST]: Rzedowski, J. s.n., s.d., Russian Federation, in Asia (Siberia) boreali. {3} C10010930.
- Androsace arctica* Cham. & Schltl., Linnaea 1: 220. 1826. {1} In rupibus ad sinum St. Laurentii. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., in rupibus ad sinum St. Laurentii. {3} HBG508253; S-G-413.
- Anguria aculeolata* Schltl., Linnaea 24: 748. 1851. {1} Brasilia meridionalis (Sellow). E reliquiis Sellowianis a 1836 per Humboldtium in Herbarium Kunthianum, dein Regium venerunt specimina duo mascula. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis.
- Anguria affinis* Schltl., Linnaea 24: 760. 1852. {1} Crescit in Antillis. Ex Museo Parisiensi a. 1820 accepit cel. Kunthius e cujus herbario in Regium Berolinense transmigravit. {2} Not at HAL: Anonymous collector s.n., s.d., Antilles.
- Anguria arrabidae* Schltl., Linnaea 24: 736. 1853. {1} Crescit in Brasilia. (Vellozo). {2} Not at HAL: Vellozo, J.M. da Conceição s.n., s.d., Brazil, Crescit in Brasilia.

Anguria dentata Schltld., Linnaea 24: 713. 1854. {1} Hab. in ins. St. Domingo fruticosis et sylvaticis. Flor. Septembri et fructus maturos fert Decembri. {2} Not at HAL: Jacquin, J.F. von s.n., s.d., Hab. in ins. St. Domingo fruticosis et sylvaticis. Flor. Septembri et fructus maturos fert Decembri. {4} Type discussion in Steele, P.R., Syst. Bot. 35(2): 346. 2010 (“TYPE: N. J. Jacquin, Sel. Stirp. Amer. Hist. 242–246, t. 155. 1763”).

Anguria gaudichaudiana Schltld., Linnaea 24: 753. 1855. {1} Ad Rio de Janeiro legit Gaudichaud specimenque communicavit cum Kunthio 1835, e cujus collectione in Herbarium Regium Berolinense transiit. {2} Not at HAL: Gaudichaud-Beaupré, C. 1030, s.d., Brazil, ad Rio de Janeiro. {3} G00357586.

Anguria jacquiniana Schltld., Linnaea 24: 708. 1856. {1} Habitat Carthagenae in sylvis montis de la Popa. Junio mascula planta floret. {2} Not at HAL: Jacquin, J.F. von s.n., s.d., Habitat Carthagenae in sylvis montis de la Popa. Junio mascula planta floret. {4} Type discussion in Steele, P.R., Syst. Bot. 35: 353. 2010 [“TYPE: N. J. Jacquin, Sel. Stirp. Amer. Hist. 242–246 tabula 156. 1763 (holotype!)”].

Anguria kegeliana Schltld., Linnaea 24: 776. 1857. {1} Ad margines sylvarum pr. Poelebantje Feb. 1845. {2} Not at HAL: Kegel, H.A.H. s.n., 1845-02, Suriname, ad margines sylvarum pr. Poelebantje.

Anguria kunthiana Schltld., Linnaea 24: 762. 1858. {1} In Brasilia inter Vittoria et Bahia lectam e reliquiis Sellowianis cum Kunthio communicavit Humboldt a 1836, serius in Herbarium regium ex Kunthiano venit. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia inter Vittoria et Bahia. {3} BR0000006606077; F0BN008978 (photo in F).

Anguria laciniosa Schltld., Linnaea 24: 755. 1859. {1} Brasilia meridionalis (Sellow). Specimen ab Humboldtio cum Kunthio communicatum in herbarium regium transiit. {2} Not at HAL: Sellow, F., 1814–1831, Brazil, Brasilia meridionalis. {3} BR0000008411969.

Anguria leptantha Schltld., Linnaea 24: 779. 1860. {1} In Surinami sylvis prope Geysersvliet m. Februario a 1845 florentem collegit H. Kegel. {2} Not at HAL: Kegel, H.A.H. s.n., 1845-02, Suriname, in Surinami sylvis prope Geysersvliet.

Anguria meyeniana Schltld., Linnaea 24: 750. 1861. {1} Brasilia, pr. Rio Janeiro leg. Dr. Meyen (et cum Kunthio 1833 specimen communicavit, quod nunc in herb. Reg. Berol.). {2} Not at HAL: Meyen, F.J.F. s.n., s.d., Brazil, Brasilia, pr. Rio Janeiro.

Anguria obtusiloba Schltld., Linnaea 24: 744. 1862. {1} E sententia Klotzschii; specimen ex herb. Bonplandii in herbarium Kunthii transgressum in cujus adjecta schedula haec e nostra sententia leguntur: “Clase 5. Orden 1. Flor. Parecida alade Clavarae. Campeche.” {2} Not at HAL?

Anguria ottoniana Schltld., Linnaea 24: 758. 1863. {1} In Cuba insula Taburete raram inter lapides die 16. maji 1839 florentem masculam plantam floribus cinnabavinis ornatam collegit Ed. Otto. {2} Not at HAL: Otto, E. von s.n., 1839-05-16, Cuba, in Cuba insula Taburete raram inter lapides.

Anguria plumieriana Schltld., Linnaea 24: 709. 1864. {1} Plum. pl. Amer. ed. Burm. pl. 13. t. 22. In Antillis insulis. {2} Not at HAL: Plumier, C. s.n., s.d., in Antillis insulis. {4} Pl. amer. P. 13, t. 22. 1775.

Anguria polyphyllos Schltld., Linnaea 24: 712. 1865. {1} Plum. pl. Amer. ed. Burm. pl. 13. t. 23. In insulis Antillarum. {2} Not at HAL: Plumier, C. s.n., s.d., in insulis Antillarum. {4} Pl. amer. P. 13, t. 23. 1775.

Anguria schomburgkiana Schltld., Linnaea 24: 765. 1866. {1} *Anguria triphylla* Klotzsch, Reis. Br.-Guiana 3: 988. 1848 [1849] nom. nud.; In Guiana anglica ad montem Canuku Aprili 1843 florere incipientem. {2} Not at HAL: Schomburgk, R. s.n., 1843-04, Brazil, in Guiana anglica ad montem Canuku. {3} BR0000013306458; F and MO according to Tropicos.

Anguria sellowiana Schltld., Linnaea 24: 746. 1867. {1} Inter Vittoria et Bahia leg. Sellow (Specimen unicum bifoliatum e reliquiis Sellowianis a 1836 Humboldtio traditis in Herb. Kunthianum et cum hoc in Regium Berolinense transiit.). {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, inter Vittoria et Bahia. {3} B and P-HBK according to Tropicos.

Anguria wagneriana Schltld., Linnaea 24: 785. 1867. {1} In Columbia ad Puente a curucuti Decembri m.a. 1849 leg. Wagener plantam masculam florentem. {2} Not at HAL: Wagener, H. s.n., 1849-12, Columbia, in Columbia ad Puente a curucuti.

Annesorhiza Cham. & Schltld., Linnaea 1: 398. 1826.

Annesorhiza capensis Cham. & Schltld., Linnaea 1: 399. 1827. {1} Crescit in Promontorio bonae spei ad latera montis tabularis (de Chamisso), montis leonis et ad nemus Rondebosch (Bergius), ad Paerdebund (Mundt et Maire). {2} HAL0098510 [ST]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Promontorio bonae spei, ad Paerdebund. Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa, montis leonis et ad nemus Rondebosch. Not at HAL: Chamisso, L.C.A. von s.n., s.d., South Africa, Promontorio bonae spei ad latera montis tabularis.

- Annona globiflora* Schltl., Linnaea 10: 235. 1835/36. {1} Prope la Hacienda de la Laguna. Aug. 29. {2} HAL0076425 [lectotype, **designated here**]: Schiede, C.J.W. s.n. “298”, 1829-08, Mexico, Veracruz-Llave, prope Hacienda de la Laguna. {3} OXF; B, BM, LE and P according to Maas, P.J.M. et al., Nordic Journal of Botany 29: 266. 2011. {4} The lectotypification proposed by Maas, P.J.M. et al. (l.c.) is invalid according to ICN Art. 7.10.
- Anoda pubescens* Schltl., Linnaea 11: 218. 1837. {1} Crescit Mineral del Monte Mexican. (C. Ehrenberg). {2} HAL0098399 [ST]: Ehrenberg, C.A. s.n., 1834, Mexico, Hidalgo, Mineral del Monte. {4} HAL0098399 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).
- Anotis lechleriana* Schltl., Linnaea 28: 488. 1856. {1} W. Lechler pl. peruan. exs. ed. Hohenacker n. 2101 Tabina, Jul. m. 1854. {2} Not at HAL: Lechler, W. Plantae peruvianae Ed. R. F. Hohenacker 2101, 1854-07, Peru, Tabina. {3} GOET010155; K000470148.
- Anotis pilifera* Schltl., Linnaea 28: 487. 1857. {1} W. Lechler pl. peruan. exs. ed. Hohenacker n. 2091 Tabina, Jul. m. 1854 lect. {2} Not at HAL: Lechler, W. Plantae peruvianae Ed. R. F. Hohenacker 2091, 1854-07, Peru, Tabina. {3} S14-31300.
- Aphelandra deppeana* Schltl. & Cham., Linnaea 5: 96. 1830. {1} Hacienda de la Laguna. Sept. {2} HAL0098541 [ST]: Deppe, F. & Schiede, C.J.W. 488 “119”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} F0BN008704 (photo in F); GZU000250874.
- Aphelandra schiedeana* Schltl. & Cham., Linnaea 5: 95. 1831. {1} Hacienda de la Laguna, Barranca de Tioselo. Oct. {2} HAL0098543 [ILT], HAL0098542 [ILT]: Schiede, C.J.W. 487 “118”, 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna Barranca de Tioselo. {3} BM000629594 [ILT]; F0BN008715 (photo in F); M0186181 [LT]. {4} LT designated by Daniel, T.F., Proc. Calif. Acad. Sci. 47: 269. 1991 (“holotype: B, destroyed, photos F, G, GH, MICH, MO, US; lectotype: M, isotypes: BM, OXF, W”).
- Arabis drabaeformis* Schltl. (nom. illeg.), Linnaea 28: 471. 1856. {1} Not specified. {2} HAL0096245 [ST]: Lechler, W., Plantae chilenses 2958, 1854-12, Chile, Cord. v. Rancho in galeros. {3} P02141441. {4} Non Boiss. 1842.
- Arabis owaihiensis* Cham. & Schltl., Linnaea 1: 17. 1826. {1} Habitat in montibus insulae O-Wahu (Sandwich Islands). {2} HAL0085354 [HT]: Chamisso, L.C.A. von s.n., 1816, USA, Hawaii, Sandwich Islands, in montibus insulae O-Wahu. {4} HT designated by Hoffmann, M.H., Schlechtendalia 4: 36. 2000, which could be correct according to ICN Art. 9.1, Note 1, provided than that the sample at HAL represents indeed a unique specimen.
- Aralia echinops* Schltl. & Cham., Linnaea 5: 174. 1830. {1} In sylvis prope Hacienda de la Laguna. {2} HAL0098470 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0097774 [ST]: Schiede, C.J.W. “409”, 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0107391 [ST]: Schiede, C.J.W. 468 “409”, 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna.
- Ardisia escallonioides* Schltl. & Cham., Linnaea 6: 393. 1831. {1} Flore albo in sylvis Papantlae. Dec. florifera et fructifera. {2} HAL0089724 [LT]: Schiede, C.J.W. s.n. “1226”, 1828-12, Mexico, Veracruz-Llave, Flore albo in sylvis Papantlae (florifera et fructifera). {3} LE00007611; LE00007612; LE00007613; MO-2507339 [ILT]. {4} LT designated by Ricketson, J.M. & Pipoly, J.J., Sida 20: 909. 2003 [“LT: HAL-897224 A+B; ILT: K, MO (LL neg. 1971-39), W”].
- Ardisia melanosticta* Schltl., Linnaea 8: 526. 1833/34. {1} Ardisia cor. albida. In sylvis inter San Salvador et Jalapam. Jun. 29. {2} HAL0095759 [LT]: Schiede, C.J.W. s.n., 1829-06, Mexico, Veracruz-Llave, in sylvis inter San Salvador et Jalapam. {3} BM000630502; G00380913; LL00000037; MO-142816; NY00214194; P00715239. {4} LT designated by Ricketson, J.M. & Pipoly, J.J., Sida 20: 910. 2003 (“HAL-95759; ILT: G (photo, F-026685), GH, MO, NY LL neg. no. 1217), W”).
- Arenaria cerviana* Cham. & Schltl., Linnaea 1: 52. 1826. {1} In regno Chilensi legimus hanc plantam in horto botanico Berolinensi e seminibus allatis quondam cultam. {2} Not at HAL: In regno Chilensi legimus hanc plantam in horto botanico Berolinensi e seminibus allatis quondam cultam.
- Arenaria elegans* Cham. & Schltl., Linnaea 1: 57. 1827. {1} Ad sinum St. Laurentii inter muscos et Dryadem crescens. {2} HAL0098410 [ST]: Chamisso, L.C.A. von s.n., 1816, USA, Alaska, ad Sinum St. Laurentii.
- Arenaria hirta* Wormsk. var. *glabrata* Cham. & Schltl. (nom. inval.), Linnaea 1: 56. 1826. {1} [...] caespitosa e Camtschatca, et minima, quam maxime alpine sinu St. Laurentii [...]. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Russia, Kamtschatka.; USA, Alaska, ad Sinum St. Laurentii. {4} Nom. inval. according to ICN Art. 35.1.

Arenaria hirta Wormsk. var. *pubescens* Cham. & Schltld. (nom. inval.), Linnaea 1: 56. 1826. {1} St. Petri et Pauli Camtschatcae. [quae Ar. villosa a Ledebourio descripta]. {2} HAL0119734 [ST]: Chamisso, L.C.A. von s.n., s.d., Russia, St. Petri et Pauli Camtschatcae. {4} Nom. inval. according to ICN Art. 35.1.

Arenaria laricina Cham. & Schltld., Linnaea 1: 57. 1827. {1} *Spergula laricina* L., DC. Prodr. 1: 394. 1824; *Spergula arenarioides* Herb. Willd. N. 9044; Inter plantas Redowskianas. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Russia, Sibiria. {3} B-W09044-010.

Arenaria leptophylla Schltld. & Cham., Linnaea 5: 233. 1830. {1} Mexico, Ad radices montis Orizabae, Sept. {2} Not at HAL: Schiede, C.J.W. s.n. "511", 18??-09, Mexico, ad radices montis Orizabae. {3} B according to Tropicos.

Arenaria redowskii Cham. & Schltld., Linnaea 1: 58. 1827. {1} Inter plantas Redowskianas cespes unicus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., inter plantas Redowskianas cespes unicus.

Argyrophanes Schltld., Linnaea 20: 596. 1847.

Argyrophanes behrii Schltld. (type species of the genus *Argyrophanes* Schltld.), Linnaea 20: 596. 1847. {1} Im Pine forest-Walde zwischen dem Gawler- und Lightriver. November. {2} HAL0091213 [HT]: Behr, H.H. s.n. "74", 1844–11, Australia, im Pine forest-Walde zwischen dem Gawler- und Lightriver. {4} This material seems to be a unique specimen which can be considered as HT according to ICN Art. 9.1, Note 1.

Aristolochia wagneriana Schltld., Linnaea 26: 631. 1854. {1} Venezuela, in frutecetis ad Maiquetia usque ad alt. 1000', Decembre. {2} Not at HAL: Wagner, H. 216, 18??-12, Venezuela, in frutecetis ad Maiquetia usque ad alt. 1000'.

Asclepias oenotheroides Schltld. & Cham., Linnaea 5: 123. 1830. {1} In arenosis prope Vera-Cruz. Jul. {2} HAL0098551 [ST]: Schiede, C.J.W. 86 "256", 1828-07, Mexico, Veracruz-Llave, in arenosis prope Veracruz. {3} K000196894.

Aspidium inaequale Schltld., Adumbr. pl. 2: 23. 1825. {1} In Promontorio bonae spei legerunt Bergius, Mund et Maire v. sp. {2} Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa, in Promontorio bonae spei. Not at HAL: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, in Promontorio bonae spei.

Aspidium nobile Schltld. & Cham., Linnaea 5: 610. 1830. {1} Hacienda de la Laguna. Dec. {2} HAL0061440 [ST], HAL0107300 [ST]: Schiede, C.J.W. 756 "760", 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} B200142018.

Aspidium thelypteris (L.) Sw. var. *squamigerum* Schltld., Adumbr. pl. 2: 23. 1825. {1} In Africes promontorio australi proveniens [...]. {2} HAL0081875 [lectotype, **designated here**]: Sieber, F.W., Synopsis Filicum 2, 1822–1828, South Africa, Cap. bon. spei. {3} LECB0002342; LECB0002343. {4} Holttum, R.E., J. S. Afr. Bot. 40(2): 150. 1974 cited "Type: Cape peninsula (HAL)" but without any further specification.

Aspidosperma quebracho-blanco Schltld., Bot. Zeitung 19(21): 137. 1861. {1} (cf. Burmeister, Aufsatz in der Zeitschrift für allg. Erdkunde, n. Folge, Bd. IX. Berlin 1861 und dessen Reise durch die La Plata-Staaten, Halle 1861. Band II). {2} Not at HAL: Prof. Dr. Burmeister s.n., s.d., Argentina, auf dem Weg von Cordova nach Tucuman, nachdem er die Station Orquetas hinter sich hatte. {4} Woodson, R.E., Ann. Missouri Bot. Gard. 38: 180. 1951, simply cited "T: Burmeister, s.n.", but without any specification.

Asplenium aspidioides Schltld., Adumbr. pl. 2: 24. 1825. {1} *Aspidium scandicium* Sp. pl. ed. W. 5. p. 285. [Habitat in insula Borboniae. D. Flügge]. {2} Not at HAL: Flügge, W. s.n., s.d., Réunion, Habitat in insula Borboniae. {3} B-W19832-010; FI003320. {4} Nom. nov. for *Aspidium scandicium* Willd. HAL0081874 (Mundt, J.L. & Maire, C. s.n., 1815–1830; South Africa. Prom. bon. sp.) is no type material!

Asplenium castaneum Schltld. & Cham., Linnaea 5: 611. 1830. {1} In monte Orizaba in spelunca. Sept. {2} HAL0081873 [ST]: Schiede, C.J.W. 775 "768", 1828-09, Mexico, Veracruz-Llave, in monte Orizaba in Spelunca. {3} B200012434; NY00149191.

Asplenium kaulfussii Schltld., Adumbr. pl. 3: 29. 1826. {1} *Asplenium protensum* Kaulf. En. p. 167 distincta est species, quam, priori Schraderianae servantes nomen, *Asplenium Kaulfussii* appellamus. *Asplenium protensum* Herb. Willd. n. 19938, eodem modo distincta est species, de qua plura videas sub *Aspl. furcato*. {2} Not at HAL: Chamisso, L.C.A. von s.n., 1816-02, Hawai, insula Sandvicensi O'Wahu. {3} B-W19938. {4} Nom. nov. for *Asplenium protensum* Kaulf.

Asplenium lacerum Schltld. & Cham., Linnaea 5: 612. 1830. {1} In sylvis umbris prope Jalapam. Aug. {2} HAL0081872 [ST], HAL0107294 [ST]: Schiede, C.J.W. & Deppe, F. 775, 1828-08, Mexico,

Veracruz-Llave, in sylvis umbrosis prope Jalapam. {3} B200016640; LE00008390; LE00008391; MO-122849; NY00149242; P00222027.

Astephanus mucronatus Schldtl., Linnaea 8: 518. 1834. {1} Hacienda de la Laguna Jul. {2} HAL0082965 [LT], HAL0107379 [ILT]: Schiede, C.J.W. 10, 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BR0000006962982; K000197014; NY00279014; P00634344; P00634345. {4} LT designated by Kesting, S. & Hoffmann, M.H., Schlechtendalia: 5. 2000, erroneously as HT, correctable to LT according to ICN Art. 9.9.

Aster behrii Schldtl., Linnaea 21: 446. 1848. {1} [...] quum porro ex Australasia nullus as hunc usque diem innotuerit *Aster*, licet in Nova Zelandia dua sed eodem signo dubitationis cruciati sint reperti. {2} Not at HAL: Behr, H.H. s.n. "207", s.d., New Zealand, Nova Zelandia; Australia.

Asteriscium Cham. & Schldtl., Linnaea 1: 354. t. 5. 1826.

Asteriscium chilense Cham. & Schldtl. (type species of the genus *Asteriscium* Cham. & Schldtl.), Linnaea 1: 354. 1826. {1} In arenosis siccis circa Talcaguano regni Chilensis sub fine Februarii 1816 legimus. {2} HAL0026829 [ST]: Chamisso, L.C.A. von s.n., 1816-02, Chile, Bfo-Bfo, in arenosis siccis circa Talcaguano. {3} F0BN003464 (photo in F). {4} Poeppig, was not cited in protologue, but erroneously listed in Tropicicos as type.

Atragene wenderothii Schldtl., Linnaea 11: 650. 1837. {1} [...], dass ich meinem botanischen Freunden, Saamen und lebende Pflanzen einer *Atragene* mitgetheilt habe, [...]. {2} HAL0079942 [lectotype, **designated here**], HAL0091218 [ILT]: Wenderoth, G.W.F. s.n., s.d., sine loco. {4} Simply cited as "type" without any specification by Hoffmann, M.H., Schlechtendalia 1: 19. 1998, and thus not correctable to LT according to ICN Art. 9.9.

Avena sativa L. var. *aristata* Schldtl., Fl. Berol. 1: 51. 1823. {1} Colitur frequens in agris. {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany.

Avena sativa L. var. *mutica* Schldtl. (nom. illeg.), Fl. Berol. 1: 52. 1823. {1} Colitur frequens in agris. Fl. aestate. {2} HAL0014373 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Brandenburg. {4} Non Stokes 1821.

Axanthes philippensis Cham. & Schldtl., Linnaea 4: 193. 1829. {1} Ex interiori Luconia specimina retulimus fructifera at manca. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Philippines.

B

Badula mameicilla Schldtl., Linnaea 26: 671. 1854. {1} In sylvis ad Galipan, alt. 4000 ped., Aug. flor. {2} Not at HAL: Wagener, H., 18??-08, Venezuela, in sylvis ad Galipan, alt. 4000 ped.

Baeckea ericoides Schldtl., Bot. Zeitung 4: 724. 1846. {1} [...], als ich einen von Herrn Dr. Junghuhn auf Sumatra gesammelte [...]. {2} HAL0072108 [HT]: Junghuhn, F.W. s.n., 18??, Indonesia. {4} HAL0072108 has been cited as HT by Bean, A.R., Telopea 7: 248. 1997, which seems to be correct according to Art. 9.1, Note 1. A specimens deposit as L0009314, collected by Horner, L., is no type material!

Ballota capensis Schldtl. (in herb.). {2} HAL0115072 [AS]: Mundt, J.L. & Maire, C. 66, 1815–1830, South Africa, Prom. bon. spei.

Barleria diandra Schldtl. (pro syn.), pro syn. *Barleria obtusa* Nees in Prodr. 11: 231. 1847. {2} HAL0113671 [AS]: Drège, J.F. (b), 18??-03, South Africa, Cape, between Omsamculo and Omcomas, (V,c,22). HAL0113920 [AS]: Anonymous collector s.n., s.d., South Africa, Prom. bon. spei. {4} The abbreviation (V,c,22) refers to the collection locality published by Drège, J.F., Flora 26 (besondere Beigabe, 2): 1–230.

Barleria polystachya Schldtl. (in herb.). {2} HAL0113669 [AS]: Krebs, L. 49, 1829, South Africa, Prom. bon. spei.

Begonia heracleifolia Schldtl. & Cham., Linnaea 5: 603. 1830. {1} Mexico; in umbrosis Jalapae Mart.; prope Hacienda de la Laguna Sep.; Baranca de Tioselo. Oct. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. s.n., 18??-03, Mexico, in umbrosis Jalapae. Not at HAL: Schiede, C.J.W. & Deppe, F. s.n., 18??-09, Mexico, prope Hacienda de la Laguna. Not at HAL: Schiede, C.J.W. & Deppe, F. s.n. "729", 18??-10, Mexico, Baranca de Tioselo. {3} B100243034.

Begonia nelumbifolia Schldtl. & Cham., Linnaea 5: 604. 1831. {1} In sylvis umbrosis Misantlae. Feb. {2} HAL0039824 [ILT]: Schiede, C.J.W. s.n. "730", 1829-02, Mexico, Veracruz-Llave, in sylvis umbrosis Misantlae. {3} B100004154 [LT]; B100004155 [ILT]. {4} LT designated by Burt-Utley, K., Tulane Stud. Zool. Bot. 25: 76, 78. 1985 ("lectotype: B!; isolectotypes: B! [2 sheets], HAL!").

Berberis chochoco Schldtl., Bot. Zeitung 12: 652. 1854. {1} In imperio Mexicano tam ad Minoschtla quam in Barranca prope Chochocala Jan. et Febr. m. florentem et defloratam leg. Car. Ehrenberg. {2} HAL0076129 [LT]: Ehrenberg, C.A. s.n., 1840-01-02, Mexico, Veracruz-Llave, tam ad Minoschtla quam in Barranca prope Chochocala. {3} B100244049. {4} LT designated by Laferrière, J.E., Phytologia 78: 215. 1995 [“lectotype: HAL!; isolectotypes: B!, US! [pro “1034”; US#617126]; WRSL [fide Fedde 1901: “now destroyed fide W. Stojanowska, pers. comm.”]; the “US collection” has not been found].

Berberis schiedeana Schldtl. (nom. illeg.), Bot. Zeitung (Berlin) 12: 654. 1854. {1} In regione frigina Mexici in los Llanos inter Guantololapa et Tlachichuca Sep. 1828. {2} Not at HAL: Schiede, C.J.W. s.n., 1828-09, Mexico, in regione frigina Mexici in los Llanos inter Guantololapa et Tlachichuca. {3} B100267281 sub *Mahonia trifolia*. {4} Nom. nov. for *Mahonia trifolia* Schldtl. & Cham., Linnaea 5: 211 (1830). = *Berberis trifolia* Schult. & Schult.f., Syst. Veg. (ed. 15 bis) 7(2): 1616. 1830.

Berzelia cordifolia Schldtl., Linnaea 6: 189. 1831. {1} South Africa; Am Fusse des Potberges bei Laurens, Oct. {2} Not at HAL: Ecklon, C.F. 1061, 18??-10, South Africa, am Fusse des Potberges bei Laurens. {3} S08-7354; S08-7355.

Berzelia intermedia Schldtl., Linnaea 6: 188. 1832. {1} South Africa, Duivelbosch bei Zwellendam, Oct. {2} Not at HAL: Ecklon, C.F. s.n., 18??-10, South Africa, Duivelbosch bei Zwellendam, Oct. {3} S08-7358.

Betula arguta Schldtl., Linnaea 7: 139. 1832. {1} Mexico; Serro Colorado, prope San Miguel del Soldado, Naulingo, Acatlan et Chiconquiaco Junio, Sept. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. s.n., 18??-06 and 18??-09, Mexico, Serro Colorado, prope San Miguel del Soldado, Naulingo, Acatlan et Chiconquiaco. {3} BM000956004; MO-107285.

Beyrichia Cham. & Schldtl., Linnaea 3: 21. 1828.

Beyrichia ocymoides Cham. & Schldtl. (type species of the genus *Beyrichia* Cham. & Schldtl.), Linnaea 3: 21. 1828. {1} In humidis post Botafoginem provinciae Rio de Janeiro Brasiliae Octobri mense florentem fructiferamque hanc reperit plantam novam C. Beyrich. {2} HAL0098479 [ST]: Beyrich, H.C. s.n., 18??-10, Brazil, Rio de Janeiro, Prov. Rio de Janeiro. {3} FOBN012425 (photo in F).

Bignonia acutistipula Schldtl., Linnaea 26: 375. 1854. {1} Not specified. {2} Not at HAL: Mexico.

Bignonia patellifera Schldtl., Linnaea 8: 516. 1834. {1} Prope la Hacienda de la Laguna, scandens, flore obscure purpureo. {2} HAL0098587 [ST], HAL0107385 [ST]: Schiede, C.J.W. s.n. “153”, 1829-08, Mexico, Veracruz-Llave, prope Hacienda de la Laguna. {3} BM000603773; MO-082236; P00468579.

Bignonia rugosa Schldtl., Linnaea 26: 656. 1854. {1} Venezuela, ad Chacao, alt. 4000’, Sept. (437). {2} Not at HAL: Wagoner, H. 437, 18??-09, Venezuela, ad Chacao, alt. 4000’.

Bignonia verrucifera Schldtl., Linnaea 26: 655. 1854. {1} Venezuela [Aragua], [...] in fruticetis ad Curucuti, alt. circ. 1500 ft., Jan (307). {2} Not at HAL: Wagoner, H. 307, 18??-01, Venezuela [Aragua], ... in fruticetis ad Curucuti, alt. circ. 1500 ft.

Blechnum confluens Schldtl., Linnaea 5: 613. 1830. {1} Hacienda de la Laguna. Oct. {2} HAL0081871 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “779”, 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0107295 [ST]: Schiede, C.J.W. & Deppe, F. 759 “779”, 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} B200032154; B200032155; NY00149755.

Bolivaria Cham. & Schldtl., Linnaea 1: 207. 1826.

Bolivaria integrifolia Cham. & Schldtl. (type species of the genus *Bolivaria* Cham. & Schldtl.), Linnaea 1: 208. 1827. {1} Provenit uti videtur satis frequenter in planitiebus provinciae Cisplatinae Brasiliae. Sellow legit. {2} HAL0097788 [ST], HAL0107378 [ST]: Sellow, F. s.n., 1814-1831, Uruguay, Montevideo, Prov. Montevideo. {3} K000588696; K000588698; K000588700; M0174467; UC158139.

Bolivaria pinnatifida Schldtl., Linnaea 26: 474. 1854. {1} Septimam ejudem secundae sectionis nunc offerimus e Boliviano semine enatam et in olla sub diu cultam. {2} Not at HAL: cult. in Hort. Bot. Halensi.

Bolivaria trifida Cham. & Schldtl., Linnaea 1: 209. 1826. {1} Brasilia, Provenit in Brasiliae provinvia Cisplatina. {2} Not at HAL: Sellow, F. s.n., 1814-1831, Brasilia, Provenit in Brasiliae provinvia Cisplatina. {3} K000588697.

Bonnaya brachycarpa Cham. & Schldtl., Linnaea 2: 568. 1827. {1} Ex India orientali cum plantis hortensibus Calcuttae in hortum nostrum transiit. {2} Not at HAL: India, ex India orientali cum plantis hortensibus Calcuttae in hortum nostrum transiit.

Borreria angustifolia Cham. & Schldtl., Linnaea 3: 330. 1828. {1} In Brasilia aequinoctiali. {2} Not at HAL: Sellow, F. s.n., 1814-1831, Brazil, in Brasilia aequinoctiali. {3} F0068523F; FOBN000871 (photo in F).

Borreria aralioides Cham. & Schltld., Linnaea 3: 339. 1828. {1} Brasilia aequinoctialis {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis.

Borreria asclepiadea Cham. & Schltld., Linnaea 3: 320. 1828. {1} In Brasilia aequinoctiali formam glaberrimam, in meridionali glabrescentem et hirtam legit Sellow. {2} HAL0098347 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {4} HAL0098347 could be considered as HT according to ICN Art. 9.1, Note 1, provided that it is indeed a unique specimen.

Borreria brachystemonoides Cham. & Schltld., Linnaea 3: 314. 1828. {1} In Brasilia meridionali pluribus legit locis Sellow. {2} HAL0098348 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} M0187077.

Borreria centranthoides Cham. & Schltld., Linnaea 3: 328. 1828. {1} In Brasilia meridionali pluries lectam misit Sellowius. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} LE according to Tropicos.

Borreria centranthoides Cham. & Schltld. var. *angustifolia* Cham. & Schltld., Linnaea 3: 329. 1828. {1} Not specified. {2} HAL0098349 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} LE according to Tropicos.

Borreria equisetoides Cham. & Schltld., Linnaea 3: 338. 1828. {1} In Brasilia meridionali Novembri mense legit Sellow. (ad Vargas). {2} HAL0098351 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {4} HAL0098351 could be considered as HT according to ICN Art. 9.1, Note 1, provided that it is indeed a unique specimen.

Borreria ericoides Cham. & Schltld., Linnaea 3: 326. 1828. {1} In Brasilia aequinoctiali legit Sellow. {2} HAL0098353 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} LE according to Tropicos.

Borreria eryngioides Cham. & Schltld., Linnaea 3: 316. 1828. {1} Pluribus locis variisque temporibus in fruticetis Brasiliae meridionalis legit Sellow. {2} HAL0098352 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} E00504647; L0057635; W1889-0285798.

Borreria eupatorioides Cham. & Schltld., Linnaea 3: 327. 1828. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia aequinoctialis. {3} F0BN000875 (photo in F). {4} Gardner 4274, listed in Tropicos as “type”, is not cited in the protologue.

Borreria globularioides Cham. & Schltld., Linnaea 3: 312. 1828. {1} In Brasiliae aequinoctialis regionibus collegit Sellow. {2} HAL0098354 [ST]: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia aequinoctialis. {4} HAL0098354 could be considered as HT according to ICN Art. 9.1, Note 1, provided that it is indeed a unique specimen.

Borreria kohautiana Cham. & Schltld., Linnaea 3: 311. 1828. {1} *Bigelovia verticillata* Sieb. Fl. Seneg. n. 10. {2} HAL0098365 [ST]: Kohaut, F. & Schmidt, J., Flora Senegalensis (Sieber, F.W.) 10, 1822-10-05, Senegal. {3} W1889-0285789.

Borreria laxa Cham. & Schltld., Linnaea 3: 337. 1828. {1} In Brasilia meridionali lectam transmisit Sellowius. {2} HAL0098355 [ST]: Sellow, F. 1019, 1814–1831, Brazil, Brasilia meridionalis. {3} F0BN000880 (photo in F).

Borreria procera Schltld., Linnaea 9: 593. 1835. {1} Hac. d. la Laguna Jul. {2} HAL0098358 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {4} HAL0098358 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Borreria saponariaefolia Cham. & Schltld., Linnaea 3: 325. 1828. {1} In Brasilia? {2} Not at HAL: In Brasilia? {3} RB00650450 [NT]. {4} NT selected by Bacigalupo, N.M. & Cabral, E.L., Darwiniana 37: 157. 1999, as LT, correctable to NT according to ICN Art. 9.9 (“holotipo, B, destruido, fototipo F 870, SI; lectotipo aquí designado: Brazil, Rio de Janeiro, Restinga de Cabo Frio, 1969-04-29, D. Sucre, G. Barroso, C.L. Ichase et R. Reitz 4928, RB, non visto; isolectotipos: SI, US”).

Borreria satirejaefolia Cham. & Schltld., Linnaea 3: 313. 1828. {1} Brasilia aequinoctialis. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis.

Borreria scabiosoides Cham. & Schltld., Linnaea 3: 318. 1828. {1} In Brasilia aequinoctiali prov. Rio Janeiro. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia aequinoctiali prov. Rio Janeiro. Photograph of the destroyed HT: F0BN000884 (photo in F). Neotype, **designated here**: Brazil, Bahia, Barreiras, Prainha, margem do Rio das Ondas, 12°08'48''S, 45°00'55''W, 456 m alt., 2009-05-01, D. Sardoso, R.M. Salas & A.A. Cabãna-Fader 2626 (CTES). Isoneotypes: HUFS, K. {4} The HT of *Borreria scabiosoides* was destroyed [F0BN000884 is a photo of the HT, but does not constitute original material in the sense of ICN Art. 9.3]. The epitypification proposed by Cabral, E.L., Miguel, L.M. & Salas, R.M., Acta Bot. Brasil. 25: 265. 2011, is not effective according to ICN Art. 9. 8 since no holo-

lecto- or neotype supporting the epitype has been explicitly cited. Therefore, a neotypification is necessary. In order to follow the intentions of the latter authors, we formally designate their “epitype” as neotype.

Borreria sideritis Cham. & Schltldl., *Linnaea* 3: 321. 1828. {1} Brasilia aequinoctialis arenosis unicum specimen. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis arenosis unicum specimen.

Borreria valerianoides Cham. & Schltldl., *Linnaea* 3: 335. 1828. {1} E Brasilia aequinoctiali misit Sellow. {2} HAL0098359 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} K000470432; M0187023.

Borreria verbenoides Cham. & Schltldl., *Linnaea* 3: 331. 1828. {1} In Brasilia meridionali legit Sellow. {2} HAL0098356 [ST], HAL0098357 [ST]: Sellow, F. s.n., 1814–1831, Brazil; Brasilia meridionalis. {3} E00505292; F0068550F; F0068551F; F0BN000876 (photo in F); F0BN000890 (photo in F); K000173472; K000173474; K000173475.

Borreria verbenoides f. “prima” Cham. & Schltldl. (nom. inval.), *Linnaea* 3: 333. 1828. {1} In campis Brasiliae meridionalis legit Sellow. {2} HAL0098357: Sellow, F. s.n., 1814–1831, Brazil, Brasiliae meridionalis. {4} Nom. inval. according ICN Art. 24.3.

Borreria verbenoides f. “secunda” Cham. & Schltldl. (nom. inval.), *Linnaea* 3: 334. 1828. {1} Brasilia meridionalis. Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {4} Nom. inval. according ICN Art. 24.3.

Borreria verbenoides f. “tertia” Cham. & Schltldl. (nom. inval.), *Linnaea* 3: 334. 1828. {1} Brasilia meridionalis. Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {4} Nom. inval. according ICN Art. 24.3.

Borreria verbenoides f. “quarta” Cham. & Schltldl. (nom. inval.), *Linnaea* 3: 334. 1828. {1} Brasilia meridionalis. Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {4} Nom. inval. according ICN Art. 24.3.

Borreria virgata Cham. & Schltldl., *Linnaea* 3: 324. 1828. {1} In vicinia urbis Rio Janeiro lectam misit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia, Rio Janeiro. {4} = *Spermacoce neovirgata* Govaerts (nom. nov.), *World Checkl. Seed Pl.* 2: 18. 1996.

Boscia capensis Schltldl. (in herb.). {2} HAL0117693 [AS]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Cape. HAL0117692 [AS]: Anonymous collector s.n., s.d., South Africa, Prom. bon. spei.

Bouvardia houtteana Schltldl., *Fl. serres* 10(7): 149. 1855. {1} Elle l’est aussi pour la culture, ayant fleuri pour la première fois l’automne dernier dans l’établissement Van Houtte, ou elle était venue peu de temps avant de graines de l’Amérique centrale. {2} HAL0024693 [lectotype, **designated here**]: Houtte, L. van s.n., s.d., Belgium, cult. in horto van Houttei, Gandavensi, herb. Mexico? {3} MPU023203. {4} HAL0024693 was cited by Blackwell, W.H., *Ann. Missouri Bot. Gard.* 56: 468. 1968 simply as “type” without any specification and thus not correctable to LT according to ICN Art. 9.9.

Bouvardia microphylla Schltldl., *Linnaea* 26: 112. 1854. {1} Wir besitzen nur ein einziges, von Dr. Schiede ohne bestimmte Angabe eines Fundortes gesammeltes Exemplar, welches fast ganz verblüht war. {2} HAL0021736 [HT]: Schiede, C.J.W. 563, s.d., Mexico. {4} Annotated as HT by W.H. Blackwell Jr. (1970), which is undoubtedly correct according to ICN Art. 9.1, Note 1, since Schlechtendal cited in protologue a unique specimen.

Bouvardia mollis Linden ex Schltldl., *Linnaea* 26: 85. 1854. {1} Linden’s *Catal.* 1847 (ex h. Lips.) *Manettia myrtifolia* Hortorum. {2} Not at HAL. {4} It can be presumed that Schlechtendal had seen ‘Linden’s *Catal.* 1847’ in Leipzig (LZ). This herbarium was completely destroyed during World War II.

Bouvardia myrtifolia Schltldl., *Linnaea* 26: 121. 1854. {1} Gesammelt bei der Hacienda de Cocoyotle im September. Wir besitzen nur ein Exemplar, welches nicht mit Blumenkronen versehen ist. [...] {2} HAL0021737 [HT]: Schiede, C.J.W. 554, 18??-09, Mexico, Hacienda de Cocoyotle. {4} Annotated as HT by W.H. Blackwell Jr. (1970), which is undoubtedly correct according to ICN Art. 9.1, Note 1, since Schlechtendal cited in the protologue a unique specimen.

Bouvardia rosea Schltldl., *Linnaea* 26: 116. 1854. {1} Bei S. José del Oro, reg. frig., im Juni blühend gesammelt von Dr. Schiede, mit der Note: “Cruseae sp., corolla elegans rosea”, dann bei S. Francisco Jetecala in demselben Monate blühend und endlich in gleichem Zustande an einem dritten Orte, als *Bouvardia* bezeichnet. {2} HAL0021738 [LT]: Schiede, C.J.W. 576, 1831-06, Mexico, prope S. José del Oro, reg. frig. HAL0021739 [ST]: Schiede, C.J.W. 556, 18??-06, Mexico, prope S. Francisco Jetecala. HAL0021740 [ST]: Schiede, C.J.W. 556, s.d., Mexico. {4} The NT designated by Blackwell, W.H., *Ann. Missouri Bot. Gard.* 55: 27. 1968 [“NT: McVaugh 14819, 14 Jun 1957, Mexico, Guanajuato, 22 mi W of Xichu, road from Xichu to San Luis de la Paz, 2300 m (MICH)”] is superfluous because original material

is still extant (see also Blackwell, W.H., Ann. Missouri Bot. Gard. 56: 468. 1969). The LT was designated by Blackwell, W.H., Ann. Missouri Bot. Gard. 56: 468. 1969.

Bouvardia schiedeana Schltld., Linnaea 26: 123. 1854. {1} “Bouvardiae affinis fruticulus corolla coccinea. Barranca de Tioselo, Aug., rarius.” Schiede. {2} HAL0024688 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Barranca de Tioselo. {4} HAL0024688 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Bouvardia tenuiflora Schltld., Linnaea 26: 97. 1854. {1} H. Berol. (viva in h. Halensi). {2} HAL0024687 [ST]: Schlechtendal, D.F.L. von s.n., s.d., Germany, Sachsen-Anhalt, cult. in Horto Botanico Halensi. {4} HAL0024687 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Bouvardia viminalis Schltld., Linnaea 26: 120. 1854. {1} Einige wenige Zweige, von Dr. Schiede gesammelt, ohne alle weitere Bezeichnung. {2} HAL0021741 [HT]: Schiede, C.J.W. 557, s.d., Mexico. {4} The NT designated by Blackwell, H.W., Ann. Missouri Bot. Gard. 55: 26.1968 [“NT: Pringle 4888; 4 Sep 1894; Mexico: Oaxaca: Monte Albán, 6000 ft (MO (photo, MEXU, PTBG); INT: BM, BR, F, GH, M, MSC, P, UC, US (photo, MEXU, PTBG), W)”] was superfluous because type material has been traced (see Blackwell, H.W., Ann. Missouri Bot. Gard. 56: 468. 1969). HAL0021741 was designated as LT by Blackwell, H.W., Ann. Missouri Bot. Gard. 56: 468. 1969, but this specimen can be considered as HT according to ICN Art. 9.1, Note 1, since it seems to be the only collection, on which the original description was based.

Bouvardia viperalis Schltld., Linnaea 26: 114. 1854. {1} Von den Eingebornen “Yerba de la Vibora” genannt, und von Dr. Schiede bei Jenancingo im Mai mit Blumen und Früchten gesammelt. {2} HAL0021742 [HT]: Schiede, C.J.W. s.n., 1835-05, Mexico, prope Jenancingo. {4} Annotated as HT by W.H. Blackwell, Jr. (1970) on the label, which is undoubtedly correct according to ICN Art. 9.1, Note 1, since it seems to be a unique specimen, on which the original description was based.

Bowlesia geraniifolia Cham. & Schltld., Linnaea 1: 382. 1826. {1} In regno Chilensi ad Talcaguano {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Chile, in regno Chilensi ad Talcaguano.

Brandesia mexicana Schltld., Linnaea 7: 392. 1832. {1} *Gomphrena* sp. Linn. l. c. p. 91 nr. 99. Tripedalis, capitulis albis pr. Jalapam Majo fl. {2} HAL0098009 [ST]: Schiede, C.J.W. s.n. “99”, 1829-05, Mexico. Veracruz-Llave. prope Jalapam. HAL0097826 [ST]: Schiede, C.J.W. 436 “99”, 1828-08, Mexico, in sylvaticis prope San Andres. {3} BM000993098; MO-101548; P00622516. Notes: Schlechtendal’s citation of “99” refers to “Linnaea 5: 91. 1830.”

Bromus mollis L. var. *congestus* Schltld., Fl. Berol. 1: 60. 1823. {1} Ueberall gemein! {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.

Bromus mollis L. var. *nanus* Schltld. (nom. illeg.), Fl. Berol. 1: 60. 1823. {1} Ueberall gemein! {2} HAL0138384 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin. {4} Non *B. mollis* var. *nanus* Lilj. 1798.

Bromus mollis L. var. *procerus* Schltld., Fl. Berol. 1: 60. 1823. {1} Ueberall gemein! {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.

Brongniartia magnibracteata Schltld., Linnaea 12: 338. 1838. {1} Frutex in Barranca pr. S. Bartolo (C. Ehrenberg). {2} HAL0098425 [ST]: Ehrenberg, C.A. 303, 1834, Mexico, in Barranca prope S. Bartolo. {4} HAL0098425 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Brongniartia obliqua Schltld. (nom. inval.), Linnaea 12: 339. 1838. {1} Subjungimus interea huic speciei exemplaria fructifera ab indefesso Ehrenbergio a Regla accidentem versus Augusto lecta, [...]. {2} Not at HAL: Ehrenberg, C.A. s.n., Aug. (1834–1840), Mexico, Regla. {4} Schlechtendal (l.c.) cited “Si propria foret species obliquem nominare posses.” Thus, this name is not valid published according to ICN Art. 36.1.

Brongniartia sericea Schltld., Linnaea 12: 336. 1838. {1} Pr. Mexico (Hegewisch, Mühlenpfordt, hb. Lehm. et Hamp.), pr. Mexico, Cerro de Guadalupe, Penom grande, Regla, Barranca pr. S. Bartolo (C. Ehrenberg). {2} HAL0098426: Ehrenberg, C.A. s.n., 1834, Mexico, Hidalgo, Regla. Not at HAL: Mühlenpfordt, F. & Hegewisch, E.F.A. s.n. [s.d.], Mexico, pr. Mexico. {4} HAL0098426 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Brunia passerinoides Schltld., Linnaea 6: 190. 1831. {1} Caledon, Febr. Zeyher. {2} HAL0022118 [lectotype, **designated here**]: Zeyher, C.L.P. s.n., 18??-02, South Africa, Cap. b. sp. HAL0021513 [ST]: Zeyher, C.L.P. & Ecklon, C.F. s.n., 1829–1832, South Africa, Cap. b. sp. HAL0137516 [ST]: Zeyher, C.L.P. & Ecklon, C.F. 1064, 1829–1832, South Africa, Cap. b. sp. {3} JE00003548; K000075856; K000075872; TCD0002725. {4} HAL0022118 was erroneously annotated as HT by J.I. Powrie 1969,

and later Powrie, J.I., J. S. Afr. Bot. 35: 336. 1969, discussed the nomenclature and taxonomy of *B. passerinoides*, but without any typification details. We follow the intention of Powrie and designate HAL0022118 as LT.

Bryonia convolvulifolia Schltld., Linnaea 26: 640. 1855. {1} Venezuela, ad Maiquetia, alt. circ. 1000', Novbr. (23). {2} Not at HAL: Wagener, H. 23, 18??-11, Venezuela, ad Maiquetia, alt. circ. 1000'.

Bubon aphyllum Cham. & Schltld., Linnaea 1: 389. 1826. {1} In promontorio bonae spei ad montem Warmwaterberg Martio mense florentem fructusque ferentem lege. Mundt et Maire. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., Mar. (1815–1830), South Africa. Prom. bon. spei. ad montem Warmwaterberg. {3} W1889-0298475.

Buchnera amethystina Cham. & Schltld., Linnaea 2: 588. 1827. {1} Brasilia tropica. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brasilia tropica. {3} F0BN012337 (photo in F).

Buchnera juncea Cham. & Schltld., Linnaea 2: 590. 1827. {1} Brasilia aequinoctialis. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brasilia aequinoctialis. {3} F0BN012331 (photo in F); K000533591; K000533592.

Buchnera lavandulacea Cham. & Schltld., Linnaea 2: 589. 1827. {1} Brasilia aequinoctialis. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brasilia aequinoctialis. {3} K000533595 [LT?]; M0188629. {4} K000533595 was annotated as LT, but a corresponding publication has not been found.

Buchnera lobelioides Cham. & Schltld., Linnaea 2: 589. 1827. {1} Brasilia tropica. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brasilia tropica. {3} F0BN012333 (photo in F); K000533600; M0188628.

Buddleja brachiata Cham. & Schltld., Linnaea 2: 599. 1827. {1} Brasilia aequinoctialis. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brasilia aequinoctialis. {3} E00259311; F0062088F; K000573282; K000573283.

Buddleja decurrens Schltld. & Cham., Linnaea 5: 105. 1830. {1} San Andres. Aug. {2} HAL0096004 [ST]: Schiede, C.J.W. 636 s.n. "168", 1828-08, Mexico, San Andres. HAL0107361 [ST]: Schiede, C.J.W. 636 s.n. "168", 1828-08, Mexico, San Andres. {3} M0183826; MO-153986.

Buddleja elegans Cham. & Schltld., Linnaea 2: 594. 1827. {1} Brasilia aequinoctialis. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brasilia aequinoctialis. {3} F0062096F; K000573269?; K000573270?.

Buddleja grandiflora Cham. & Schltld., Linnaea 2: 596. 1827. {1} In Brasiliae meridionalis provinciis Montevideo et Rio grande do Sul pluribus locis legit Sellow. {2} HAL0095998 [ILT]: Sellow, F. s.n. "3", 1814–1831, Brasilia meridionalis. {3} BR0000006967802; BR0000006968151; E00259313; F0062098F; K000573263; K000573264; K000573266; P00641149. {4} LT designated by Norman, E.M., Fl. Neotrop. 81: 88. 2001 ("LT: K ex B (photo, F, A, W); ILT: E, F (fragm), HAL-95998").

Buddleja neemda Buch.-Ham. var. *philippensis* Cham. & Schltld., Linnaea 2: 598. 1827. {1} Ad sepes prope Tierra alta in insula Luconia Philippensium ipsi collegimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Philippines.

Buddleja sphaerantha Schltld. & Cham., Linnaea 5: 104. 1830. {1} Llanos de Perote. Sept. {2} HAL0096003 [ILT]: Schiede, C.J.W. & Deppe, F. 626 "167", 1828-09, Mexico, Veracruz-Llave, Llanos de Perote. {3} W? [LT]. {4} LT designated by Norman, E.M., Gentes Herb. 10: 99–100. 1967, as "isotype"; lectotypification effectively made by Norman, E.M., Fl. Neotrop. 81: 132. 2000 ("LT: W; ILT: HAL-96003").

Buddleja stachyoides Cham. & Schltld., Linnaea 2: 597. 1837. {1} Brasilia meridionalis. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brasilia meridionalis. {3} BM000600623; BM000600624; BR0000006967888; F0BN003908 (photo in F); G00236329; K000573276; P00641135.

Bumelia ferox Schltld. & Cham., Linnaea 6: 392. 1831. {1} Floribus albidis prope Tecolutam. Jan. {2} HAL0098443 [ST]: Deppe, F. & Schiede, C.J.W. s.n. "1218", 1829-01, Mexico, prope Tecolutam. {4} HAL0098443 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Bunchosia biocellata Schltld., Linnaea 10: 241. 1836. {1} Arbor, floribus aureis. Jalapae. Majo 1829. {2} HAL0098387 [ST]: Anonymous collector s.n., s.d., Mexico. Mexico. HAL0098603 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, Jalapae. {3} BR0000008498182; GOET007068; K000426990; K000426991; MO-2625177.

Bunchosia strigosa Schltld., Linnaea 10: 242. 1836. {1} In calidis ad Tehuantepec prov. Oaxaca Mexicam. legit Liber Baro de Karwinski a 1830. {2} Not at HAL: Karwinski von Karwin, W.F. s.n. 1830, Mexico, Tehuantepec prov. Oaxaca. {3} M according to Tropicos.

Bupleurum brevicale Schltld., Linnaea 17: 124. 1843. {1} In areis graminosis rupium prope Aleppo d. 11. Maji leg. Kotschy. {2} HAL0098514 [lectotype, **designated here**]: Kotschy, C.G.T., Plantae Aleppo.

Kurd. Moss. 214, 1841-05-11, Syrian Arab Republic, in areis graminosis rupium prope Aleppo. {3} BM000885364; G00359468; G00359469; G00367664; H1014104; JE00007460; K000687162; K000687163; K000687165; L0008348; M0172821; P00752827; P00752828; P00752829; P00752833; S-G-8471; US00127165; W0053740; W0053741; WAG0004953; WISv0255973WIS; W1889-0302492. {4} HAL0098514 erroneously designated as HT by Stolle, J., *Schlechtendalia* 10: 8. 2003, which is, however, not correctable to LT since Art. 7.10 was not met in this publication. We follow Stolle's intention and designate the material deposited at HAL as LT.

Bupleurum mundtii Cham. & Schltl., *Linnaea* 1: 384. 1826. {1} Mundtio in Promontorio bonae spei. {2} Not at HAL: Mundt, J.L. s.n., 1815–1830, South Africa, Prom. bon. spei.

Burneya Cham. & Schltl. (nom. rejic.), *Linnaea* 4: 188. 1829. {4} According to ING nom. rejic. against *Timonius* DC. 1830 (nom. cons.).

Burneya forsteri Cham. & Schltl. (nom. illeg.), *Linnaea* 4: 189. 1829. {4} ≡ *Erithalis polygama* G.Forst.

Burneya gaudichaudii Cham. & Schltl., *Linnaea* 4: 190. 1829. {1} Fructiferam ex Insula O-Wahu, e Sandwicensium numero, retulimus. {2} HAL0114212 [ST]: Chamisso, L.C.A. von s.n., 1816-11, USA, Hawaii, O-Wahu.

Byrsonima stigmatophora Schltl., *Linnaea* 10: 241. 1836. {1} Ad Tehuantepec in calidis provinciae Oaxaca Mexican. legit a. 1830 Lib. Baro de Karwinski. {2} HAL0119099 [ST]: Karwinski von Karwin, W.F. s.n., 1830, Mexico, Oaxaca, Tehuantepec-Oaxaca, in calidis. {3} BR0000008578754.

C

Cabanisia Klotzsch ex Schltl., *Abh. Naturf. Ges. Halle* 6: 176. 1862.

Cabanisia caracasana Klotzsch ex Schltl., *Abh. Naturf. Ges. Halle* 6: 176. 1862. {1} In hb. Berol. dicta ab ipso auctore valde affinis dicitur *Pontederia paradoxa* Martii in provincia Brasiliensi Maranhao, decem gradibus ab urbe Caracas distante, reperta. [...]. {2} Not at HAL: Otto, E. 936, 1840-08-10, Venezuela, Caracas. {3} B100242080; P00730323. {4} cf. *Abh. Naturf. Ges. Halle* 6: 167. 1862: "Bei Caracas sammelte am 10. August 1840 Eduard Otto eine von ihm als *Pontederia* sp. n. unter Nr. 936 bezeichnete Pflanze, welche nach der beigefügten Notiz von Klotzsch als valde affinis der *Pontederia paradoxa* von Mart., die Schult. fil. im Syst. veget. beschrieb, bezeichnet ist. [...] Klotzsch hat ihr den, wie es scheint, noch nicht gedruckten Namen *Cabanisia caracasana* auf beigefügtem Zettel gegeben."

Caladenia behrii Schltl., *Linnaea* 20: 569. 1847. {1} Auf grasigem Boden, gesellig um Bäume wachsend. [...]. {2} Not at HAL: Behr, H.H. s.n., 1844–1845, South Australia. {4} Title of the publication: "Südaustralische Pflanzen, gesammelt von Dr. Hermann Behr. II. Bestimmung und Beschreibung der vom Dr. Behr in Südaustralien gesammelten Pflanzen."

Caladenia tentaculata Schltl., *Linnaea* 20: 571. 1847. {1} In Scrubgegenden auf steinigem, ärmern Boden, im Frühjahr. [...]. {2} Not at HAL: Behr, H.H. s.n., 1844–1845, South Australia. {4} Title of the publication: "Südaustralische Pflanzen, gesammelt von Dr. Hermann Behr. II. Bestimmung und Beschreibung der vom Dr. Behr in Südaustralien gesammelten Pflanzen."

Calamus metzianus Schltl., *Linnaea* 26: 727. 1854. {1} E prov. Canara Ind. or. leg. rev. Metz ded. Hohenacker. {2} Not at HAL: Metz, J.F., Pl. Ind. or. (Terr. Canara et confin.) Ed. R.F. Hohenacker s.n., 18??-01, India, prov. Canara, in montibus Ghats pr. Honore. {3} GOET009323; JE00013099; JE00013100; M0199092.

Calandrinia micrantha Schltl., *Ind. sem. hort. hal.* 1838: 7. 1838. {1} [...], oculos haud allicientis ab amicissimo C. Ehrenbergio prope la Hacienda de Regia in regno Mexicano. {2} Not at HAL: Ehrenberg, C.A. s.n., 1834–1840, Mexico, prope la Hacienda de Regia in regno Mexicano.

Calea zacatechichi Schltl., *Linnaea* 9: 589. 1835. {1} In collibus apricis pr. Hacienda de la Laguna et Jalapae. Aug. floret. {2} HAL0042244 [LT]: Schiede, C.J.W. s.n. "234", 1829-08, Mexico, Veracruz-Llave, in collibus apricis pr. Hacienda de la Laguna. HAL0042246 [ST]: Schiede, C.J.W. s.n. "234", 1829-05, Mexico. Veracruz-Llave. Jalapa. {3} LSU00113190; LSU00113191; LSU00113192. {4} LT designated by Wussow, J.R., Urbatsch, E.L. and Sullivan, G.A., *Syst. Bot.* 10: 225. 1985, as type ("HAL!; isotype: P!, as photographs: GH!, LSU!"), correctable to LT according to ICN Art. 9.9.

Calocephalus chrysanthes Schltl., *Linnaea* 20: 592. 1847. {1} Vom Grubenlande bei Bethanien. December. {2} HAL0069484 [ST]: Behr, H.H. s.n., 1844-12, Australia, South Australia, vom Grubenland bei Bethanien. {3} K000843816.

Caltha limbata Schltl., *Linnaea* 27: 556. 1856. {1} *Caltha appendiculata* pl. Lechler exs. ed Hohenacker n. 3041, In summis Cordillerarum pascuis terrae Pehuenchorum Decb. 1854 florentem leg. W. Lechler (n.3041). {2} Not at HAL: Lechler, W. 3041, 1854-12, Chile, in summis Cordillerarum pascuis terrae Pehuenchorum.

Calycotrix behriana Schldtl., Linnaea 20: 650. 1847. {1} Auf kalkig-sandigem Boden (Sandplaine) bei Bethanien, November. {2} HAL0048919 [LT]: Behr, H.H. s.n. "169", 1844–11, Australia, South Australia, auf kalkig-sandigem Boden (Sandplaine) bei Bethanien. {3} G00227565; MEL86262 [ILT]; MEL86263 [ILT]. {4} HAL0048919 was annotated as HT by L.A. Craven (CANB) 1982-01, with a corresponding publication in Caven, L.A., Brunonia 10: 29. 1987 ["HAL holo., MEL iso."], which is correctable to LT according to Art. 9.9.

Calycotrix scabra DC. var. *minor* Schldtl., Linnaea 20: 650. 1847. {1} Im Pine forest-Wald zwischen dem Gawler und Lightriver. {2} HAL0048918 [HT]: Behr, H.H. s.n. "168" 1844–1845, Australia, im Pine forest-Wald zwischen dem Gawler und Lightriver. {4} HAL0048918 was annotated as HT by L.A. Craven (CANB) 1982-01, with a corresponding publication in Caven, L.A., Brunonia 10: 29. 1987, which is undoubtedly correct according to Art. 9.1, Note 1.

Campelia fastigiata Schldtl. (nom. nov.; nom. illeg. superfl.), Linnaea 25: 188. 1853. {4} Nom. nov. for *Gonatandra tradescantioides* Schldtl. and *Tradescantia gonatandra* Schldtl., Linnaea 24: 659. 1851.

Camphoromyrtus behrii Schldtl., Linnaea 20: 651. 1847. {1} Auf kalkig-sandigem Boden (Sandplaine) bei Bethanien. Januar. {2} HAL0074924 [HT]: Behr, H.H. s.n. "170", 1845-01, Australia, South Australia, auf kalkig-sandigem Boden (Sandplaine) bei Bethanien. {4} HAL0074924 was cited as HT by Bean, A.R., Austrobaileya 4: 637. 1997, which is undoubtedly correct according to ICN Art. 9.1, Note 1.

Canthium cornelia Cham. & Schldtl., Linnaea 4: 15. 1829. {1} Pavetta Cornelia Reichenb. Sieber plant. exsicc. Senegal. n. 21. {2} HAL0114226 [ST]: Kohaut, F. & Schmidt, J., Flora Senegalensis (Sieber, F.W.) 21, 1822–1828, Senegal. {3} BR0000008847010; E00193674; G00014516; G00014517; G00014518; JE00004261; K000422562; M0106334; M0106335; P00551161; P00551162; PH00019379; W0008698; W0008699; W0008700; W1889-0185599; W1889-0185600; W1889-0287317; W1889-0287639.

Canthium lucidum Schldtl. (pro syn.), pro syn. *Canthium umbellatum* Wight, in Fl. Brit. India 3: 132. 1880. {2} HAL0114370 [AS]: Metz, J.F., Pl. Indiae or. (M. Nilagiri.) Ed. R.F. Hohenacker. 1851. 1377, 18??-03, India, in montibus Nilagiri.

Canthium mundtianum Cham. & Schldtl., Linnaea 4: 131. 1829. {1} Novembri mense floriferam legerunt hanc arborem s. arbusculam in Promont. bon. sp. ad Stofpad prope Plettenberg's Bay Mundt at Maire. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, ad Stofpad prope Plettenberg's Bay. {3} K000412456? {4} There are specimens deposited in HAL [HAL0135519 and HAL0135520], but without collector name. Therefore, it remains uncertain if these collections are types. The status of the specimen in K, annotated with "Chamisso" as collector, is also quite unclear. The K label agrees with that in HAL.

Canthium mundtianum Cham. & Schldtl. var. *pubescens* Cham. & Schldtl., Linnaea 4: 132. 1829. {1} In fruticetis montis Baviansberg prope Gnadendal Novembri 1825 florentem legit Ecklon. {2} Not at HAL: Ecklon, C.F. s.n., 1825-11, South Africa, montis Baviansberg prope Gnadendal. {4} There is only a single specimen deposited in HAL [HAL0114229], which can only be classified as AS. C.L.P. Zeyher is the collector, but the sample is from another locality [South Africa, Cape, Albany, below 500' (loc. 107)].

Canthium thunbergianum Cham. & Schldtl., Linnaea 4: 130. 1829. {1} In planitie capensi aliisque locis in Promontorio bonae spei legerunt Bergius, Mundt et Maire. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Prom. bon. spei. Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa, Prom. bon. spei.

Capparis cynophallophora L.f. *elliptica* Schldtl., Linnaea 3: 260. 1828. {1} Not specified. {2} Not at HAL: Anonymous collector s.n., s.d., USA, Virgin Islands, St. Thomas. {4} Title of the publication: "Florula insulae St. Thomae. Indiae occidentalis."

Capparis cynophallophora L.f. *emarginata* Schldtl., Linnaea 3: 259. 1828. {1} Not specified. {2} Not at HAL: Anonymous collector s.n., s.d., USA, Virgin Islands, St. Thomas. {4} Title of publication: "Florula insulae St. Thomae. Indiae occidentalis."

Capparis cynophallophora L.f. *ovalifolia* Schldtl., Linnaea 3: 259. 1828. {1} Not specified. {2} Not at HAL: Anonymous collector s.n., s.d., USA, Virgin Islands, St. Thomas. {4} Title of publication: "Florula insulae St. Thomae. Indiae occidentalis."

Capparis cynophallophora L.f. *parvifolia* Schldtl., Linnaea 3: 260. 1828. {1} Not specified. {2} Not at HAL: Anonymous collector s.n., s.d., USA, Virgin Islands, St. Thomas. {4} Title of publication: "Florula insulae St. Thomae. Indiae occidentalis."

Capraria melaleucooides Schldtl. (in herb.). {2} HAL0115338 [AS]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Cape.

Capparis karwinskiana Schltl., Linnaea 10: 237. 1836. {1} Ad San Bartolo Mexicanorum in calidis, 1830. {2} Not at HAL: Karwinski von Karwin, W.F. s.n., 1830, Mexico, San Bartolo. {3} BR0000006986155; M0241036; M0241037.

Capraria saxifragifolia Schltl. & Cham., Linnaea 5: 105. 1830. {1} Prope Vera-Cruz. Jul. {2} HAL0098480 [ST]: Schiede, C.J.W. & Deppe, F. 63 “170”, 1828-07, Mexico, Veracruz-Llave, prope Veracruz. {3} Types in B and photos in F, MO, NY and US according to Tropicos.

Cardamine flaccida Cham. & Schltl., Linnaea 1: 21. 1826. {1} In herbosis humidis ad Talcahuano regni Chilensis. {2} HAL0084866 [ST]: Chamisso, L.C.A. von s.n., 1816-02, Chile, Bío-Bío, Talcahuano. {3} B100243594; LE00000154; LE00000155 [LT]; LE00000156. {4} On the specimen in LE, “Eschscholtz, J.F.G. von. s.n., s.d.” was specified as collector; V.I. Dorofeyev, 2005-10-03, annotated this collection as LT, but a corresponding publication has not been found.

Cardamine purpurea Cham. & Schltl., Linnaea 1: 20. 1826. {1} In insula St. Laurentii anno 1816. {2} HAL0085360 [LT]: Chamisso, L.C.A. von s.n., 1816, USA, Alaska, Insulis St. Laurentii. {3} B100241358; B100241359; G00389291. {4} LT designated by Hoffmann, M.H., Schlechtendalia 4: 36. 2000, erroneously as HT, but correctable to LT according to ICN Art. 9.9.

Cardiopetalum Schltl., Linnaea 9: 328. 1834.

Cardiopetalum calophyllum Schltl. (type species of the genus *Cardiopetalum* Schltl.), Linnaea 9: 328. 1834. {1} Semel a Sellowio in Brasilia tropica lectum (2 specim.). {2} HAL0059852 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} B100242373 [LT]; FOBN014221 (photo in F). {4} Collections deposited under B100242374 and P032538 have been annotated as types, but the location does not agree with the protologue data [Brazil; Brasilia meridionalis; S. Antonio do Monte]. HAL0059852 was erroneously annotated as HT by D.M. Johnson (OWU) 1988. Johnson, D.M. and Murrey, N.A., Brittonia 47(3): 265. 1995, cited the collection in B as HT [“Holotype: B! HAL – fragment!, photos at F!, GH!, MO!, NY! presumed isotypes: B, P”], which is correctable to LT according to ICN Art. 9.9.

Carex flava L. var. *elatior* Schltl., Fl. Berol. 1: 477. 1823. {1} In pratis praesertim turfosis. seltener, b. Tassdorf! Pritzhagen! etc. {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.

Carex incrassata Schltl., Linnaea 10: 119. 1836. {1} In Brasilia meridionali, verosimiliter in aquis, complura lecta sunt specimina a Sellowio quorum spicae masculae antheras jam perdiderant, [...]. {2} HAL0063546 [ST]: Sellow, F. 1342, 1814–1831, Brazil, in Brasilia meridionali. {4} HAL0063546 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Carex pilulifera L. var. *leptostachya* Schltl. (in herb.). {2} HAL0134496 [AS]: Schlechtendal, D.F.L. von s.n., 1823-05, Germany, in sylvio frondosis ad Pritzhagen.

Carex pilulifera L. var. *psilostachya* Schltl. (in herb.). {2} HAL0134495 [AS]: Schlechtendal, D.F.L. von s.n., 1823, Germany, Pritzhagen.

Carex pinetorum Willd. ex Schltl., Linnaea 10: 265. 1836. {1} n. 17,265. – Specimen a Boscio traditum sub nomine “*C. piniaria*”. Hab. in Carolina boreali. {2} Not at HAL: Bosc [Louis Augustin Guillaume Bosc d’Antic], USA, Hab. in Carolina boreali. {3} B-W17265.

Carex sellowiana Schltl., Linnaea 10: 117. 1836. {1} In Brasilia meridionali legit Sellow hanc eximiam speciem cui consanguineae plures, monostachyae androgynae scilicet, in America boerali reperiuntur nulla vero proxima. {2} HAL0063547 [ST]: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia meridionalis. {3} FOBN013403 (photo in F); K000584661.

Carex viridis Schltl. & Cham. (nom. illeg.), Linnaea 6: 30. 1831. {1} Not specified. {2} HAL0063548 [ILT]: Deppe, F. & Schiede, C.J.W. s.n. “875”, s.d., Mexico. {3} BM [LT]; MO-102241 [ILT]. {4} Non Honck. 1792; = *Carex viridiflora* Mack. (nom. nov.), N. Amer. Fl. 18: 275. 1935. LT designated by Reznicek, A.A., Syst. Bot. 11: 72. 1986 [“LT: BM, ILT: MO”].

Carolinea macrocarpa Schltl. & Cham., Linnaea 6: 423. 1831. {1} Ad ripas fluminum et rivulorum Papantlensium et Tecolutensium. Papantlae. Feb. {2} HAL0098398 [ST], HAL0128027 [ST], HAL0128028 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1312”, 18??-02, Mexico, Veracruz-Llave, Papantla. {3} BM000645670.

Cascarilla gavanensis Schltl., Linnaea 26: 730. 1854. {1} In montosis lateris orientalis Andium Peruanarum pr. San Gavan. Julio leg. Lechler comm. Hohenacker. {2} Not at HAL: Lechler, W., Plantae peruviana Ed. R.F. Hohenacker 2349, 1854-07, Peru, in montibus prope San Govan. {3} BR0000005577101; BR0000005630325; G00436309; G00436310; S-R-7082; F, K, O and P according to Tropicos.

Casearia obovata Schltld., Linnaea 13: 434. 1839. {1} In sylvis pr. la Hac. de la Orduña, Aug. fruct. (Schiede). {2} HAL0041943 [LT]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, in sylvis prope la Hacienda de la Orduña. {3} BR0000005104321; F0BN013684 (photo in F); L0010720; BREM according to Tropicos. {4} HAL0041943 was erroneously annotated as HT by H. Sleumer (L) 1975. Sleumer, H., Fl. Neotrop. Monogr. 22: 372. 1980, cited the collections in HAL as HT ["holotype, HAL, photo F 13684, isotype B, lost, BR, BREM"], which is correctable to LT according to ICN Art. 9.9.

Casearia parviflora Willd. var. *microphyla* Schltld., Linnaea 4: 90. 1829. {1} (fol. 2 et 3 aliam sistunt formam foliis minoribus hand conspicue punctatis, sed nomine *C. parviflora* Vahl signatam, de qua infra.) [...], quum omnia nostra specimina sint fructifera ut et alterum Hb. Willd. n. 8350 fol. 3, sed specimen l.c. fol. 2 est floriferum nec aliter diversum. {2} Not at HAL: Anonymous collector s.n., s.d., America. {3} B-W08350-020; B-W08350-030. {4} The specimen with the barcode HAL0041976, collected by Ehrenberg, C.A. s.n., 1826–1828, Antillen, St. Thomas, is no type (specimen currently missing).

Cassia astroites Schltld. & Cham., Linnaea 5: 597. 1830. {1} HW. no. 7963, specimen e Willd., Humboldtianum, Am. merid., Plan del Rio. Jul. {2} HAL0098432 [ST], HAL0107562 [ST]: Schiede, C.J.W. 218 "702", 1828-07, Mexico, Veracruz-Llave, Plan del Rio. Not at HAL: Bonpland, A.J.A. & Humboldt, F.W.H.A. von s.n., s.d., Mexico [America meridionalis]. {3} B-W07963-010 [LT]. {4} LT designated by Irwin, H.S. & Barneby, R.C., Mem. New York Bot. Gard. 35: 452. 1982 ("specimen, e Willd., Humboldtianum. Amer. merid. [but certainly Mexican and, not noticed by Kunth, probably not from Humboldt]").

Cassia cinerea Schltld. & Cham., Linnaea 5: 599. 1830. {1} Pulchella, suffruticosa, floribus aureis. In littore maris arenoso inter Tecoluta et Villa rica frequens. Jan. {2} HAL0098433 [ST]: Deppe, F. & Schiede, C.J.W. s.n. "711", 1829-01, Mexico, inter Tecoluta et Villa rica. {3} BM000952119; K000478547; LE00002305; LE00002306; LE00002307; W0028369; W1889-0241967.

Cassia kunthiana Schltld. & Cham., Linnaea 5: 598. 1830. {1} *Cassia humilis* HW. no 7941 (spec. Humboldt Orinoco 838). Subherbacea, procumbens, sensitiva, prope el Estero. Feb. – In collibus prope Hacienda de la Laguna. Sept. {2} HAL0098431 [ST]: Schiede, C.J.W. s.n., 1829-02, Mexico, Veracruz-Llave, prope el Estero. HAL0098434 [ST]: Schiede, C.J.W. 219 "708", 1828-09, Mexico, Veracruz-Llave, in collibus prope Hacienda de la Laguna. Not at HAL: Bonpland, A.J.A. & Humboldt, F.W.H.A. von 838, 1800-04-12, Venezuela, Orinoco, San Borja. {3} B-W07941 (as *Cassia humilis*); NY00003638.

Cassia vogeliana Schltld., Linnaea 12: 342. 1838. {1} Leg. membr. e compresso-tumida, *Oncolobium* Vogel. {2} Not at HAL: Vogel?, Mexico.

Cassytha dispar Schltld., Linnaea 20: 578. 1847. {1} An sandigen Orten. {2} HAL0042852 [HT]: Behr, H.H. s.n. "45", 1844–1845, Australia, South Australia, an sandigen Orten. {4} HAL0042852 was cited as HT by Weber, J.Z., J. Adelaide Bot. Gard. 3: 209. 1981, which is undoubtedly correct according to ICN Art. 9.1, Note 1.

Cassytha piligera Schltld. (nom. nov.), Linnaea 21: 446. 1848, see *Cassytha pubescens*.

Cassytha pubescens Schltld. (nom. illeg.), Linnaea 20: 577. 1847. {1} An kalkig-sandigen Orten. (Sand plaine) bei Bethanien, Jan. {2} HAL0042844 [HT]: Behr, H.H. s.n. "44", 1845-01, Australien, an kalkig-sandigen Orten. (Sand plaine) bei Bethanien. {4} Non R.Br. 1810; = *Cassytha piligera* Schltld. (nom. nov.), Linnaea 21: 446. 1848.; HAL0042844 was cited as HT by Weber, J.Z., J. Adelaide Bot. Gard. 3: 221. 1981, which is undoubtedly correct according to ICN Art. 9.1, Note 1.

Castilleja arvensis Schltld. & Cham., Linnaea 5: 103. 1830. {1} Parce prope Jalapam, inter segetes inter San Andres et Serro colorado. Aug. {2} HAL0096089 [LT]: Schiede, C.J.W. 542 "159", 1828-08, Mexico, Veracruz-Llave, Parce prope Jalapam. HAL0096090 [ST]: Schiede, C.J.W. 542 "159", 1828-08, Mexico, inter segetes inter San Andres et Serro colorado. {4} HAL0096091, from 1829-05, is no type material; HAL0096089 was annotated as lectotype by M. Egger 2002, and the formal lectotypification was published by Egger, J.M., Phytoneuron, 2017-12: 1. 2017.

Castilleja pallida (L.) Spreng. var. *unalaschcensis* Cham. & Schltld., Linnaea 2: 581. 1827. {1} In herbis luxuriantibus infimarum convallium insulae Unalashca Aleutorum frequentem reperimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Alaska.

Ceanothus celtidifolius Schltld., Linnaea 5: 602. 1830. {1} In sylvis Jalapensibus. Aug. {2} HAL0021507, HAL0107601 [ST]: Schiede, C.J.W. & Deppe, F. s.n. "722", 1828-08, Mexico, Veracruz-Llave, in sylvis Jalapensibus. {3} BR0000005295364. {4} HAL0021506, from 1829-01, is no type material.

Ceanothus glandulosus Schltld. (nom. illeg.), Linnaea 15: 474. 1841. {1} [...], pr. las Trojes Octobri flor. Schiede leg. {2} HAL0050708 [ST], HAL0107602 [ST], HAL0107603 [ST]: Schiede, C.J.W. s.n. 987,

1830-10, Mexico, prope las Trojes. {3} BR0000005295357; M0211807; W2012-0000590; W2012-0000591; W2012-0000601. {4} Non Raf. 1838.

Celastrus aphyllus Schltld., Linnaea 15: 458. 1841. {1} Prope Jacualtepan Dec. leg. C. Ehrenberg. {2} Not at HAL: Ehrenberg, C.A. s.n., 18??-12, Mexico, prope Jacualtepan.

Celastrus polygamus Schltld., Linnaea 4: 87. 1829. {1} *Myginda latifolia* Sw., Hb. Willd. n. 3226, *Celastrus polygamus* n. sp. Vahl. West l.c. p. 276. {2} Not at HAL: Vahl, M. s.n., s.d., India occidentalis. Not at HAL: West, H. s.n., s.d., Saint Croix, U.S. Virgin Islands. {3} B-W03226. {4} *Celastrus polygamus* n. sp. Vahl. (nom. nud.) in West, H., Bidr. Beskr. St. Croix.: 276. 1793; German transl. p. 203. 1794.

Celtis africana Schltld. (in herb.). {2} HAL0110260 [AS]: Anonymous collector s.n., s.d., South Africa. HAL0110262 [AS], HAL0110261 [AS]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa. Prom. b. spei.

Celtis schiedeana Schltld., Linnaea 7: 140. 1832. {1} Pr. la Banderilla Majo. {2} HAL0097799 [ST], HAL0107351 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, prope la Banderilla. {3} B100247957; G00357311; MO-188388; NY00133649; P00722035; P00722036.

Cephaëlis beskeana Schltld., Linnaea 28: 533. 1856. {1} In prov. Rio Janeiro Brasiliae in arenosis montium pr. Novo-Friburgo leg. Beske. {2} HAL0098314 [HT]: Beske s.n., s.d., Brazil, Rio de Janeiro, Brasilia provincia Rio Janeiro, in arenosis montium prope Novo Friburgo. {4} Collector possibly C.H. Beske. HAL0098314 can be considered as HT according to ICN Art. 9.1, Note 1.

Cephaëlis costaricensis Schltld., Linnaea 28: 546. 1857. {1} Specimen unicum putredine jam correptum. {2} HAL0113946 [HT]: Anonymous collector s.n., s.d., Costa Rica. {4} Title of publication (with reference to the collector): “Plantae Lechlerianae”. HAL0113946 can be considered as HT according to ICN Art. 9.1, Note 1.

Cephaëlis humboldtiana Cham. & Schltld., Linnaea 4: 136. 1829. {1} Humboldtio “in umbrosis Javitae” lecta, inedita in Hb. Willd. n. 4151. {2} Not at HAL: Bonpland, A.J.A. & Humboldt, F.W.H.A. von 965 1800-05-01–05, Venezuela, Javita [Amazonas: Yavita]. in umbr[osis]. {3} B-W04151; F0BN000747 (photo in F).

Cephaëlis nuda Cham. & Schltld., Linnaea 4: 135. 1829. {1} In vicinia urbis Rio de Janeiro legit Sellowius. {2} HAL0098313 [ST]: Sellow, F. s.n., Aug. (1814–1831), Brazil, Rio de Janeiro, Provinz Rio de Janeiro. {3} F0068666F; F0BN000758 (photo in F).

Cephaëlis polycephala Schltld., Linnaea 28: 532. 1856. {1} W. Lechler pl. peruv. ed R.F. Hohenacker n. 2364. St. Gavan. Jul. m. 1854. {2} Not at HAL: Lechler, W. Plantae peruvianae Ed. R. F. Hohenacker 2364, 1854-07, Peru, St. Gavan. {3} K000432869; G according to Tropicos.

Cephaëlis ruellifolia Cham. & Schltld., Linnaea 4: 134. 1829. {1} In Brasilia aequinoctiali Sellow. {2} HAL0098312 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {4} HAL0098312 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Cephalanthus sarandi Cham. & Schltld. (nom. illeg.), Linnaea 2: 610. 1827. {1} *Buddleja glabrata* Spr., Syst. 1. p. 431. In Brasiliae meridionalis provincia Montevideo d fluminum et rivuloru ripas frequentissimus (ad Rio negro, e Colonia, Capitania nueva aliisque locis magna in copia collegit Sellow. {2} HAL0097791 [ST], HAL0107358 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Montevideo, Brasilia meridionalis, Provinz Montevideo. {3} BR0000005576456; BR0000005576784; E00505359; K000173436; M0187150. {4} ≡ *Buddleja glabrata* Spreng., Syst. Veg. 1: 431. 1825.

Cerastium apricum Schltld., Linnaea 12: 208. 1838. {1} *Cer.* affine *nutanti* Linn. l.c. n. 510. In graminosis apricis pr. Jalapam, Majo, Aug. (Schiede). {2} HAL0098171 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “510”, 18??-05–08, Mexico, Veracruz-Llave, in graminosis apricis prope Jalapam. {4} HAL0098171 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1). Schlechtendal’s citation of number “510” refers to “Linnaea 5: 233. 1830.”

Cerastium apricum Schltld. var. *angustifolium* Schltld., Linnaea 12: 209. 1838. {1} Pr. San Salvador Jun. 29. {2} Not at HAL: Schiede, C.J.W. s.n., 1829-06, Mexico, San Salvador.

Cerastium apricum Schltld. var. *brachycarpum* Schltld., Linnaea 12: 209. 1838. {1} Mineral del Monte, Barranca ad mont. Cerro ventoso Junio (C. Ehrenberg). {2} Not at HAL: Ehrenberg, C.A. s.n., 18??-06, Mexico, Mineral del Monte, Barranca ad mont. Cerro ventoso.

Cerastium beeringianum Cham. & Schltld., Linnaea 1: 62. 1826. {1} Ad sinus Eschscholzii et bonae spei. {2} HAL0098404 [ST], HAL0118098 [ST]: Chamisso, L.C.A. von s.n., 1816-08-12, USA, Alaska, ad Sinus bonae spei, Kotzebue Sound. {3} S-G-7186.

Cerastium furcatum Cham. & Schltld., Linnaea 1: 61. 1826. {1} Inter plantas Redowskianas. {2} HAL0098403 [ST]: Chamisso, L.C.A. von s.n., s.d., inter plantas Redowskianus.

Cerastium orithales Schltld., Linnaea 12: 209. 1838. {1} In regione subnivali montis Orizaba Sept. 28 (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 1828-09, Mexico, Veracruz-Llave, Orizaba.

Cerastium vulcanicum Schltld., Linnaea 12: 208. 1838. {1} *C. semidecandrum* Linn. l.c. p. 233 n. 508. In regione subnivali montis Orizaba Sept. (Schiede). {2} HAL0003868 [ST]: Schiede, C.J.W. & Deppe, F. s.n. "508", 18??-09, Mexico, Veracruz-Llave, in reg. subnivali montis Orizabae. {4} HAL0003868 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1). Schlechtendal's citation of number "508" refers to "Linnaea 5: 233. 1830."

Cerasus brasiliensis Cham. & Schltld., Linnaea 2: 542. 1827. {1} In Brasilia aequinoctiali. {2} HAL0098146 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {4} HAL0098146 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Ceratochloa uniolooides (Willd.) P. Beauv. var. *glauca* Schltld., Linnaea 24: 652. 1851. {1} *Fest. uniolooides* h. Madrit. {2} Not at HAL: details unknown.

Cereia Schltld. (nom. illeg. superfl.), Bot. Zeitung 12: 820. 1854. {4} ≡ *Ceresia* Pers. 1805.

Cestraceae Schltld., Linnaea 8: 250. 1833.

Cestrum amictum Schltld., Linnaea 7: 64. 1832. {1} In Brasilia legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brasilia. {3} F0BN002965 (photo in F); W0001963.

Cestrum confertiflorum Schltld., Linnaea 19: 263. 1846. {1} Frutex ad Anganguero Octobr. et Nov. m. florens lectus flore aurantiaco (Schiede). {2} HAL0075348 [ST]: Schiede, C.J.W. s.n., 1829-11, Mexico, Michoacán de Ocampo, Anganguero. HAL0075349 [ST], HAL0107366 [ST]: Schiede, C.J.W. s.n., 1830-10, Mexico, Michoacán de Ocampo, Anganguero.

Cestrum corymbosum Schltld., Linnaea 7: 57. 1832. {1} In Brasilia legerunt Sellow et ab Olfers. {2} Not at HAL: Sellow, F. 361, 1814–1831, Brasilia. {3} BM00061785; F0BN002974 (photo in F); K000585200; K000585201; M0172047?; P00451587; W 0001978.

Cestrum dumetorum Schltld., Linnaea 7: 61. 1832. {1} *Cestrum*, species filamentis edentatis (lapsu typographico pro dentatis), Linn. V. p. 114 n. 204. In regno Mexicano in dumetis pr. Veracruz et pr. San Pablo legerunt Schiede et Deppe Julio et Januario floridum. {2} HAL0075355 [ST]: Schiede, C.J.W. s.n., 1829-01, Mexico, San Pablo. HAL0075354 [ST]: Schiede, C.J.W. s.n. "204", 1828-07, Mexico, Veracruz-Llave, prope Veracruz. {3} K000585144. Notes: Schlechtendal's citation of number "204" refers to "Linnaea 5: 114. 1830."

Cestrum euanthes Schltld., Linnaea 7: 60. 1832. {1} In Brasilia meridionalis legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brasilia. {3} BM000617849; F0BN002977 (photo in F); P00451613; S10-10164; W0016133.

Cestrum fasciculatum Miers var. *gracile* Schltld., Linnaea 19: 261. 1846. {1} Pr. el Banco Januario m. lecta ab am. C. Ehrenberg [...]. {2} HAL0075344 [HT]: Ehrenberg, C.A. 948, 1839-01, Mexico, prope Banco. {4} Annotated as HT by J.C. Montero (MEXU) 2002, which is undoubtedly correct according to ICN Art. 9.1, Note 1.

Cestrum hirtellum Schltld., Linnaea 7: 62. 1832. {1} In provincia Jalapa prope la Hacienda de la Laguna reg. cal. Julio 1829 legit amicissimus Dr. Schiede. {2} HAL0107365 [ST], HAL0075237 [ST]: Schiede, C.J.W. s.n. "190", 1829-07, Mexico, Veracruz-Llave, Jalapa, prope Hacienda de la Laguna. {3} BM000617894. Notes: The cited number ("190") refers probably to a numeration in Linnaea (this number is cited on Schlechtendal's label, but is not to be found in his publication).

Cestrum laevigatum Schltld., Linnaea 7: 58. 1832. {1} In Brasilia legerunt Sello alii que prope Rio Janeiro. {2} HAL0075296 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Rio de Janeiro, prope Rio de Janeiro. {3} F0BN002983 (photo in F); P00451442; P00451443.

Cestrum laevigatum Schltld. var. *evolutum* Schltld., Linnaea 7: 58. 1832. {1} In Brasilia legerunt Sello alii que prope Rio Janeiro. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil.

Cestrum laevigatum Schltld. var. *pauperculum* Schltld., Linnaea 7: 59. 1832. {1} In Brasilia legerunt Sello alii que prope Rio Janeiro. {2} HAL0075295 [ST]: Sellow, F. s.n., 1814–1831, Brazil. {4} HAL0075295 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Cestrum lancifolium Schltld., Linnaea 19: 267. 1846. {1} Prope San Toro inter los banos et el puente de Dios. {2} HAL0075362 [HT]: Ehrenberg, C.A. s.n., 1838-12, Mexico, prope San Toro. {4} Annotated as HT by J.C. Montero (MEXU) 2002, which is probably correct according to ICN Art. 9.1, Note 1.

- Cestrum lichtensteinii* Schltl. (in herb.). {2} HAL0139162 [AS]: Mundt, J.L. & Maire, C. s.n., 1815–1831, South Africa. Prom. bon spei.
- Cestrum multiflorum* Schltl. (nom. illeg.), Linnaea 7: 59. 1832. {1} In Brasilia legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil. {3} K000449009; P00451688; W1889-0167576. {4} Non Roem. & Schult. 1819; = *Cestrum schlechtendalii* G.Don (nom. nov.), Gen. Hist. 4: 482. 1838.
- Cestrum oblongifolium* Schltl., Linnaea 19: 266. 1846. {1} In Barranca pr. los reyes aliisque locis Dec. flor. {2} HAL0075366 [lectotype, **designated here**]: Ehrenberg, C.A. 719, 1838-12, Mexico, Veracruz-Llave, in Barranco. {3} UVMVT026410. {4} HAL0075366 was erroneously annotated as HT by J.C. Montero (MEXU) 2002. We follow the intention of Montero and designate HAL0075366 as LT.
- Cestrum poeppigii* Schltl. (nom. illeg.), Linnaea 27: 510. 1856. {1} *Cestrum parqui* γ *poeppigii* Dunal in DC. pr. XIII 2. p. 617. {2} HAL0075317 [ST]: Poeppig, E.F., Coll. Pl. Chil. I nr. 69 Diar. 303, 18??-09, Chile, in sepibus, ad vias, in sabulos, marit. {3} W1889-0104902; W1889-0231896. {4} Non Sendtn. 1846; = *Cestrum parqui* var. *poeppigii* Dunal, Prodr. 13: 617. 1852.
- Cestrum porphyroneuron* Schltl., Linnaea 25: 199. 1853. {1} *Cestrum candidum* h. van Houttean, Octobri et Novembri fl. {2} Not at HAL: Van Houtte?, 1834–1836? (18??-10–11), Brazil.
- Cestrum psychotriifolium* Schltl., Linnaea 19: 265. 1846. {1} Frutex floribus virescentibus pr. Anganguero Nov. florens (Schiede). {2} HAL0075363 [ST]: Schiede, C.J.W. s.n., 1829-11, Mexico, Michoacán de Ocampo, prope Anganguero. {4} HAL0075363 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).
- Cestrum vestioides* Schltl., Linnaea 7: 65. 1832. {1} In Brasilia legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil. {3} F0072816F; K000585267; K000585280; U0113833; W0003593; G according to Tropicos.
- Chaetogastra geitneriana* Schltl., Linnaea 27: 523. 1856. {1} Ex Columbia acceptam communicavit elar. Geitner. {2} Not at HAL: Geitner?, Columbia.
- Cheilanthes bergiana* Schltl., Adumbr. pl. 5: 51. 1832. {1} In Promontorio bonae spei legit Bergius. {2} Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa, Prom. Bon. Spei. {3} B200036306; P00466519.
- Cheiranthus asper* Cham. & Schltl. (nom. illeg.), Linnaea 1: 14. 1826. {1} In littore Californiae. {2} Not at HAL: Chamisso, L.C.A. s.n., s.d., USA, California. [California, ad portum San Francisco Novae, s. dat.]. {3} B100359805; B100426900 [LT]. {4} Non Nutt. 1818; = *Cheiranthus capitatus* Douglas ex Hook. (nom. nov.), Fl. Bor.-Amer. 1: 38. 1829; LT designated by Polatschek, A., Ann. Naturhist. Mus. Wien, B, 113: 167. 2012 [“LT: B”].
- Cherleria dicranoides* Cham. & Schltl., Linnaea 1: 63. 1826. {1} Ad sinum St. Laurentii. {2} HAL0098411 [ST]: Chamisso, L.C.A. von s.n., 1816, USA, Alaska, ad Sinum St. Laurentii. {4} = *Arenaria chamissonis* Maguire (nom. nov.), Amer. Midl. Naturalist 46: 498. 1951 [non *Arenaria dicranoides* Kunth].
- Chiococca phaenostemon* Schltl., Linnaea 9: 594. 1835. {1} In sylvis Jalapae Majo florens, ad Hac. d.l. Laguna Jul. fructifera. {2} Not at HAL: Schiede, C.J.W. s.n. “255”, 1829-05, Mexico, Veracruz-Llave, Jalapa. Not at HAL: Schiede, C.J.W. s.n. “255”, 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BR0000008109507; BR0000008109538; E00285118; GH00057579; GOET010209; MO-356409; NY00169716.
- Chironia frutescens* L. var. *glabra* Cham. & Schltl., Linnaea 1: 190. 1826. {1} In Promontorio bonae spei Januario mense a Mundtio sub anthesi lecta. {2} Not at HAL: Mundt, J.L. s.n., Jan. (1815–1830), South Africa, Prom. bon. spei.
- Chironia frutescens* L. var. *hirsuta* Cham. & Schltl., Linnaea 1: 190. 1826. {1} In Promontorio bonae spei Januario mense a Mundtio sub anthesi lecta. {2} Not at HAL: Mundt, J.L. s.n., Jan. (1815–1830), South Africa, Prom. bon. spei.
- Chiropetalum berterioanum* Schltl., Linnaea 26: 637. 1854 (as *berterianum*). {1} *Ditaxis chiropetala* Bertero, planta ut videtur vix fruticosa des herbacea, in sylvis umbrosis collinum Quillotae, Chile, Oct. 1829 lecta, [...]. {2} HAL0043498 [ST]: Bertero, C.L.G., Unio itiner. 1835 226 et 958, 1829-10, Chile, in sylvis umbrosis collium Quillota Chili. {3} A00257844; BR0000013313951; E00326404; G00434173; G00434174; G00434175; GH00045758; GH00257845; MO-2235041; MPU014908; MPU014909; NY00246359; P00634965; P00634966; B according to Tropicos. {4} There is no type or authentic specimen for *Ditaxis chiropetala* Bertero (nom. nud.), Bull. Sci. Nat. Geol. 20: 110. 1830 [collection date not “March to May 1829”, according to the title of the publication].

Chloris meccana Hochst. ex Schldtl., Ind. sem. hort. hal. 1843: 7. 1843. {1} Hb. Arab. n. 802. Ad margines agrorum pr. Meccam ad pagum Unsert vallis Fatme, Febr. m. a. W. Schimper lect. {2} HAL0107104 [lectotype, **designated here**]: Schimper, G.H.W., Unio itiner. 1837 802, 1836-02-11, Saudi Arabia, ad margines agrorum prope Meccam ad pagum Unsert vallis Fatme. {3} B100278931; CANB442392; E00357556; E00357557; G00164620; G00164621; G00164622; HEID701876; HOH008854; K000885799; L0043948; M0103544; REG000393; S-G-6633; SI030145; US00133292; W0027013; W18890241858; W19160030412; W18890241851. {4} = *Chloris meccana* Hochst. ex Steud. (nom. illeg.), Syn. Pl. Glumac. 1: 205. 1854.

Chomelia obtusa Cham. & Schldtl., Linnaea 4: 185.1829. {1} E Brasilia meridionali misit Sellow. {2} HAL0113687 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} E00285157; F0068737F.

Chomelia pubescens Cham. & Schldtl., Linnaea 4: 187.1829. {1} Brasilia intratropica. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil. {3} F0068742F.

Cibotium schiedeii Schldtl. & Cham., Linnaea 5: 616. 1830. {1} Hacienda de la Laguna. Sept. {2} HAL0081870 [ST], HAL0107296 [ST]: Schiede, C.J.W. & Deppe, F. 758 “801”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} LE00008025.

Cinchona lechleriana Schldtl., Linnaea 26: 728. 1855. {1} In montosis declivitatibus orientalis Andium Peruvianorum pr. San Gavan. Julio leg. Lechler. {2} Not at HAL: Lechler, W., Pl. Peruv. 2347, 1854-07, Peru, San Gavan. {3} F0040843F; G00389905; LE00007853; LE00007854.

Cipura punctulata Schldtl., Linnaea 18: 410. 1845. {1} Nr. 122. Marica, Temperirtes Mexico, Leibold. {2} Not at HAL: Leibold, F.E. 122, 1839–1844, Mexico.

Cissus elliptica Schldtl. & Cham., Linnaea 5: 221. 1830. {1} *Cissus sicyoides* L., smila cinae H.B.K. (h. W. n. 3009). Prope Vera-Cruz in dumetis. Jul. {2} HAL0071903 [ILT], HAL0071905 [LT], HAL0107390 [ILT]: Schiede, C.J.W. s.n. “458”, 1828-07, Mexico, Veracruz-Llave, prope Veracruz in dumetis. Not at HAL: Bonpland, A.J.A. & Humboldt, F.W.H.A. von 35, 1799-07–08, Venezuela, Cumana. {3} B-W03009 as *Cissus sicyoides*. {4} LT designated by Lombardi, J.A., Taxon 46: 426. 1997.

Citharexylum lucidum Schldtl. & Cham., Linnaea 5: 97. 1830. {1} In sylvis Jalapensibus. Aug., Hacienda de la Laguna. Sept. {2} HAL0065144 [ST]: Schiede, C.J.W. 517 “128”, 1828-08, Mexico, Veracruz-Llave, in sylvis Jalapensibus. HAL0065145 [ST]: Schiede, C.J.W. 517 “128”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} F0074276F; GH00094449; W 0024788.

Cleome houtteana Schldtl., Linnaea 24: 669. 1851. {1} *Cleome pentaphylla* h. van Houtte nec Linn., cujus icon in h. Vindobon t. 24 p. 9. {2} Not at HAL: Van Houtte, L.B. s.n., s.d., s.l. {4} Some authentic specimens are deposited in HAL [HAL0098611, HAL0098612, HAL0098613], all ex herb. Schlechtendal, but with anonymous collector and without any additional data.

Cliffortia filicaulis Cham. & Schldtl., Linnaea 2: 33. 1827. {1} In Promontorio bonae spei prope Tulbagh legerunt Mundt et Maire. Januario floret. {2} HAL0098623 [ST], HAL0107572 [ST]: Mundt, J.L. & Maire, C. 142, 1815–1830, South Africa, Prom. bon. spei prope Tulbagh. {3} SAM0052092-0.

Cliffortia serpyllifolia Cham. & Schldtl., Linnaea 2: 34. 1827. {1} In Promontorio bonae spei ad Cango fluvium Majo 1819 legerunt Mundt et Maire. {2} HAL0098147 [ST], HAL0107571 [ST]: Mundt, J.L. & Maire, C. s.n., 1819-05, South Africa, Western Cape, Prom. bon. spei prope Cango.

Clitoria schiedeana Schldtl., Linnaea 12: 284. 1838. {1} *Clitoria?* Linn. l.c. n. 608. In dumetis pr. Jalapam Aug., Hacienda de la Laguna Sept. (Schiede). {2} HAL0036864 [LT]: Schiede, C.J.W. 224 “608”, 1828-08, Mexico, Veracruz-Llave, in dumetis prope Jalapam. HAL0034078 [ILT], HAL0037536 [ILT]: Schiede, C.J.W. 224 “608”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {4} LT designated by Fantz, P.R., Sida 17: 330. 1996. Schlechtendal’s citation of number “608” refers to “Linnaea 5: 578. 1830.”

Cluacena lhotzkiana Schldtl., Linnaea 8: 184. 1833. {1} Ad urbem Bahia de todos os santos Brasiliae legit Lhotzky. {2} Not at HAL: Lhotsky, J. s.n., 1830–1832, Brazil, Bahia.

Clusia hilariana Schldtl., Linnaea 8: 181. 1833. {1} *Clusia rosea* St. Hil. Fl. Bras. 1. 316. {2} Not at HAL: Saint-Hilaire, A. de s.n., s.d., Brazil, Province de Espiritu Santo, ad ripas amnis Corboyem. {3} F0054352F; MPU014332; P01901218; P01901219.

Clusia hoffmannseggiana Schldtl., Linnaea 8: 185. 1833. {1} *Clusia flava* Hb. W. n 18954. {2} Not at HAL: Anonymous collector s.n., s.d., Jamaica. {3} B-W18954.

Clusia leucantha Schldtl., Linnaea 8: 186. 1833. {1} In saxosis umbrosis montosisque pr. Rio Janeiro Nov. {2} Not at HAL: Anonymous collector s.n., 18??-11, Brazil, Rio de Janeiro.

- Clusia lhotzkiana* Schltl., Linnaea 8: 184. 1833. {1} Ad urbem Bahia de todos os santos Brasiliae. {2} Not at HAL: Lhotsky, J. s.n., 1830–1832, Brazil, Bahia.
- Clusia sellowiana* Schltl., Linnaea 8: 183. 1833. {1} Rio Janeiro legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Rio de Janeiro. {3} G00355319; US01105733.
- Cnidium suffruticosum* Cham. & Schltl., Linnaea 1: 387. 1826. {1} In Promontorio bonae spei ad littora maris in sinu Plettenbergsbay Novemb[r]i florentem legerunt Mundt et Maire. {2} HAL0137393 [ST]: Mundt, J.L. & Maire, C. s.n., Nov. (1815–1830), South Africa, Plettenbergsbay. {4} HAL0137393 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).
- Coccocypselum ciliatum* Cham. & Schltl., Linnaea 6: 414. 1831. {1} Inter Huitamalco et Cuapa. Dec. {2} HAL0114248 [HT]: Schiede, C.J.W. & Deppe, F. s.n. “1273”, 1828-12, Mexico, Inter Huitamalco et Cuapa. {4} HAL0114248 is probably the HT of this species according to ICN Art. 9.1, Note 1.
- Coccocypselum erythrocephalum* Cham. & Schltl., Linnaea 4: 144. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} F0068790F; M0187093.
- Coccocypselum nummularifolium* Cham. & Schltl., Linnaea 4: 145. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} HAL0114120 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Rio de Janeiro. {3} B100000072.
- Coccocypselum ovatum* Cham. & Schltl., Linnaea 4: 141. 1829. {1} In Brasilia legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil.
- Coccocypselum pedunculare* Cham. & Schltl., Linnaea 4: 142. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} HAL0114257 [ST]: Sellow, F. s.n., 1814–1831, Brazil. {3} K000014345.
- Coffea kaduana* Cham. & Schltl., Linnaea 4: 33. 1829. {1} In nemorosis montium Insulae O-Wahu A.D. 1817 legimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., 1817, Hawaii, O-Wahu. {3} BISH1010994 [NT]. {4} The NT was designated by Sohmer, S.H., *Lyonia* 1: 150. 1977 (“Christophersen, E., Hume, E., 1426, 1931/12/17 – 1931/12/17, Pacific Ocean, Northern Polynesia, USA, Main Hawaiian Islands, Oahu, Hawaii, Kahauli Ridge”).
- Coffea lanceolata* Schltl. & Cham., Linnaea 6: 412. 1831. {1} Prope Jalapam. Apr. {2} HAL0113654 [ST], HAL0113655 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1269”, 1829-04, Mexico, Veracruz-Llave, Jalapam.
- Coffea luzoniensis* Cham. & Schltl., Linnaea 4: 32. 1829. {1} Philippines, Luçoniam insula circa pagum Tierra alta. (as Luçonienensis). {2} Not at HAL: Chamisso, L.C.A. von s.n., 1817, Philippines. {3} K000777433.
- Coffea mariniana* Cham. & Schltl., Linnaea 4: 35. 1829. {1} Legimus in nemorosis montium O-Wahu A. D. 1816. {2} Not at HAL: Chamisso, L.C.A. von s.n., 1816, Hawaii, O-Wahu. {3} BISH1010995 [NT]. {4} The NT was designated by Sohmer, S.H., *Lyonia* 1: 143. 1977 (“Russ, G.W., s.n., 1933/06/01 - 1933/06/01, Pacific Ocean, Northern Polynesia, USA, Main Hawaiian Islands, Oahu, Hawaii, Kaeluku, west branch near trail”).
- Coffea obovata* Schltl. & Cham., Linnaea 6: 412. 1831. {1} In umbrosis prope Misantlam. Mart. {2} HAL0113650 [ST], HAL0113651 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1268”, 1829-03, Mexico, Veracruz-Llave, in umbrosis prope Misantla. {3} F0068800F; G00300151.
- Coleonema album* (Thunb.) Bartl. & H.L.Wendl. var. *gracile* Schltl., Linnaea 6: 199. 1831. {1} An schattigen Stellen des Baviansberges bei Gnadendaal Oct. {2} Not at HAL: Ecklon, C.F. s.n., Oct. (1829–1832), South Africa, an schattigen Stellen des Baviansberges bei Gnadendaal. {3} S08-9182.
- Coleonema album* (Thunb.) Bartl. & H.L.Wendl. var. *virgatum* Schltl., Linnaea 6: 199. 1831. {1} Duivelsbosch bei Zwelldam. Oct. {2} HAL0119016 [ST], HAL0119015 [ST]: Ecklon, C.F. & Zeyher, C.L.P. s.n., Oct. (1829–1832), in lateribus montium prope “Swellendam” supra “Duyvelsbosch et Puspasvalley” alt. IV. {3} FR0036603; HBG510230; HBG510231; JE00003910; REG000672; S-G-1533.
- Cologania obovata* Schltl., Linnaea 12: 287. 1838. {1} Mineral del Monte Aug. (C. Ehrenberg c. praeced). {2} HAL0078852 [HT]: Ehrenberg, C.A. 575, 1831–1840, Mexico, Hidalgo, Mineral del Monte. {4} Annotated as HT by G. Flores-Franco (MEXU) 2009, which could be correct according to ICN Art. 9.1, Note 1, provided than that the sample at HAL represents indeed a unique specimen.
- Colquhounia mollis* Schltl., Linnaea 24: 681. 1851. {1} *Colquhounia vestita* h. Lips. {2} Not at HAL: details unknown.
- Colubrina ehrenbergii* Schltl., Linnaea 15: 469. 1841. {1} Inter las Ajuntas et las Verdosas Jan., inter Amojaque et el puente de Dios Dec. fructiferam leg. C. Ehrenberg. {2} HAL0021746 [LT], HAL0107600 [ILT]: Ehrenberg, C.A. 1014, 1838-12, Mexico, Veracruz-Llave, inter Amojaque et el Puente de Dios.

HAL0021747 [ST]: Ehrenberg, C.A. 1043, 1840-01, Mexico, inter las Ajuntas at las Verdosas. {4} LT designated by Johnston, M.C., Brittonia 23: 30. 1971.

Columnea schiedeana Schltld., Linnaea 8: 249. 1833. {1} In arboribus vetustis prope Misantlam Martio et prope la Hacienda de la Laguna Julio 29. {2} HAL0082525 [ST], HAL0107384 [ST]: Schiede, C.J.W. s.n., 1829-03, Mexico, Veracruz-Llave, in arboribus vetustis prope Misantlam. HAL0082770 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, prope Hacienda de la Laguna. {3} G00370713; MO-155423; NY00312596; P00603449.

Commelina carnea Schltld., Ind. sem. hort. hal. 1839: 9. 1839. {1} Seeds coll. Hort. Hal. {2} Not at HAL: Anonymous collector s.n., s.d., Germany, cult. Bot. Halensi.

Commelina delicatula Schltld., Gartenflora 3: 349. 1854. {1} Wir erhielten diese zierliche Art aus dem Botanischen Garten in Halle, eine Beschreibung derselben konnten wir nicht auffinden. {2} Not at HAL: Anonymous collector s.n., s.d., Germany, cult. Bot. Halensi.

Commelina intermedia Schltld., Linnaea 24: 655. 1851. {1} H. Hal. (ex h. Monac. sub *C. elegantis* nomine quondam accepimus sed ab Humboldtiana planta plane diversa est.). {2} Not at HAL: Anonymous collector s.n., s.d., Germany, cult. Bot. Halensi.

Commelina procurrens Schltld., Linnaea 24: 656. 1851. {1} Hort. Hal. {2} Not at HAL: Anonymous collector s.n., s.d., Germany, cult. Bot. Halensi.

Commelina rosea Schltld., Ind. sem. hort. hal. 1838: 7. 1838. {1} C. Ehrenberg e Mexico semina misit. {2} Not at HAL: Ehrenberg, C.A. s.n., 1831–1840, seeds from Mexico.

Commelina sellowii Schltld., Ind. sem. hort. hal. 1850: 7. 1850. {1} Hort. Hal. {2} Not at HAL: Anonymous collector s.n., s.d., Germany, cult. Bot. Halensi.

Commelina variabilis Schltld., Ind. sem. hort. hal. 1838: 7. 1838. {1} Cum *C. orchioide* ab Ehrenbergio in Mexico lecta est. {2} Not at HAL: Ehrenberg, C.A. s.n., 1831–1840, Mexico.

Conanthera albiflora Schltld. & Cham., Linnaea 6: 50. 1831. {1} Prope Hacienda de la Laguna. Sept. {2} HAL0033163 [ST]: Schiede, C.J.W. 809 “994”, 1828-09, Mexico, Veracruz-Llave, Prope Hacienda de la Laguna. {4} HAL0033163 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Condalia mexicana Schltld., Linnaea 15: 471. 1841. {1} Pr. Zimapan Junio m. fructiferam et simul floriferam leg. b. Schiede; in Barranca de Acholoya Sept. fructif. Cav. Ehrenberg. {2} HAL0021743 [ST]: Ehrenberg, C.A. 820, 1837-09, Mexico, in Barranca de Acholoya. HAL0021744 [lectotype, **designated here**]: Schiede, C.J.W. s.n., 1830-06, Mexico, Hidalgo, prope Zimapan. {3} BR0000005295272. {4} The collection designated here as LT was cited as “type” without any specification by Standley, P.C., Contr. U. S. Nat. Herb. 23: 714. 1920–1926. HAL0021744 was annotated by M.C. Johnston 1969-04 as “(Lecto-) Holotypus”. We follow the intentions of Standley and Johnston and designate HAL0021744 as lectotype.

Conospermum patens Schltld., Linnaea 20: 587. 1847. {1} Im Pine forest-Walde zwischen dem Gawler- und Lightriver, Novbr. {2} HAL0010365 [LT]: Behr, H.H. s.n. “58”, 1844-11, Australia, Adelaide, im Pine forest-Walde zwischen dem Gawler-Light-river. {3} B100295176; MEL1525798. {4} HAL0010365 was erroneously designated as HT by Jonson, L.A.S. & McGillivray, D.J., Telopea 1: 59. 1975, but correctable to LT according to ICN Art. 9.9.

Convolvulus ampelopsifolius Schltld. & Cham., Linnaea 5: 118. 1830. {1} In dumetis pr. Vera-Cruz. {2} HAL0098221 [HT]: Schiede, C.J.W. & Deppe, F. s.n. “222”, s.d., Mexico, Veracruz-Llave, in dumetis prope Vera-Cruz. {4} Annotated as HT by H. Manitz (JE) 1977, which is undoubtedly correct according to ICN Art. 9.1, Note 1.

Convolvulus apocynoides Schltld. & Cham., Linnaea 5: 117. 1830. {1} Hacienda de la Laguna. Oct. {2} HAL0098217 [ST]: Schiede, C.J.W. & Deppe, F. 554 “221”, 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna. {4} HAL0098217 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Convolvulus frankeanus Schltld., Linnaea 9: 513. 1835. {1} Unter einer kleinen Sammlung brasilischer Pflanzen, welche in der Provinz Rio Janeiro gesammelt und dem Herausgeber zur Bestimmung durch den Hrn. Medicinalrath Frank übergeben wurden, [...]. {2} HAL0098085 [HT]: Anonymous collector s.n., s.d., Brazil, Rio de Janeiro, prope Rio de Janeiro. {4} Annotated as HT by H. Manitz (JE) 1977, which is undoubtedly correct according to ICN Art. 9.1, Note 1.

Convolvulus lapathifolius Schltld. (nom. illeg.), Linnaea 19: 736. 1847. {1} No. 54. *Convolvulus frutescens*. {2} HAL0037707 [HT]: Leibold, F.E. 54, 1839–1844, Mexico. {4} Non Spreng. 1825;

HAL0037707 was annotated as HT by H. Manitz (JE) 2003, which seems to be correct according to ICN Art. 9.1, Note 1.

Convolvulus melanostictus Schltld., Linnaea 6: 737. 1831. {1} Not specified. {2} HAL0037540 [HT]: Ehrenberg, C.A. s.n., 1826, United States, Virgin Islands, Antillen, St. Thomas. {4} Title of the publication: “Florula insulae St. Thomae. Indiae occidentalis”. HAL0037540 was annotated as HT by H. Manitz (JE) 1977, which is probably correct according to ICN Art. 9.1, Note 1.

Convolvulus polyanthus Schltld. & Cham., Linnaea 5: 117. 1830. {1} In dumetis ad Hacienda de la Laguna. Sept. {2} HAL0098218 [lectotype, **designated here**]: Schiede, C.J.W. & Deppe, F. 552 “220”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BM according to Tropicos. {4} HAL0098218 was annotated as holotype by H. Manitz (JE) 1977 (not formally published). We follow the intention of Manitz and designate the HAL material as lectotype.

Convolvulus tuba Schltld., Linnaea 6: 735. 1831. {1} Not specified. {2} HAL0037520 [HT]: Ehrenberg, C.A. s.n., 1826, United States Virgin Islands, Antillen, St. Thomas. {4} Title of the publication: “Florula insulae St. Thomae. Indiae occidentalis”. HAL0037520 was annotated as HT by H. Manitz (JE) 1976, which is probably correct according to ICN Art. 9.1, Note 1.

Convolvulus variabilis Schltld. & Cham., Linnaea 5: 116. 1830. {1} Hacienda de la Laguna. Sept. {2} HAL0037741 [lectotype, **designated here**]: Schiede, C.J.W. & Deppe, F. s.n. “219”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} LE according to Tropicos.

Cordia ambigua Schltld. & Cham., Linnaea 5: 115. 1830. {1} In sepibus prope Jalapam. Aug. {2} HAL0048905 [lectotype, **designated here**]: Schiede, C.J.W. 588 “216”, 1828-08, Mexico, Veracruz-Llave, Hacienda de la Laguna, in sepibus prope Jalapam. {3} M0185150; W0015969. {4} HAL0048905 was erroneously annotated as HT by J.S. Miller (MO) 1987, but a corresponding publication has not been found. We follow Miller’s intention and designate HAL0048905 as LT.

Cornus grandis Schltld. & Cham., Linnaea 5: 171. 1830. {1} In sylvis prope Jalapam. Aug. {2} Not at HAL: Schiede, C.J.W. s.n., 18??-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam.

Corydalis ambigua Cham. & Schltld., Linnaea 1: 558. 1826. {1} *Fumaria ambigua* Pallas Hb. Willd. n. 12931 fol. 2 et 3 ubi sub nomine *F. edulis* s. *Cor. aquilegifoliae*. Ad portem Petropauli Camtschatcae primo vere defluente nive florentem legimus anno 1816. {2} HAL0098614 [ST]: Anonymous collector s.n., s.d. (Chamisso, L.C.A. von s.n., 1816), Russian Federation, Kamchatskaya Oblast’, ad portum Petropauli Camtschatcae. {3} B100294565; B100294566; P00733192; P00733194; P00733196. {4} The specimen deposited in HAL is from herb. Pallas in herb. Willdenow (collector not specified).

Corydalis cracca Cham. & Schltld., Linnaea 1: 567. 1826. {1} Ad Promontorium bonae spei legit Bergius in vicinia urbis Cap. {2} Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa, Prom. bon. spei.

Corydalis persica Cham. & Schltld., Linnaea 1: 567. 1826. {1} Hb. Willd. 12916, in Persia a C. Gmelino lextam ex herbario ejust accepi. {2} Not at HAL: Gmelin, S.G., 1770, Persien. {3} B-W12916 [as *Fumaria persica*].

Cotoneaster lucidus Schltld., Linnaea 27: 541. 1856. {1} H. Hal. in Ind. sem. h. Hal. a 1855. {2} Not at HAL: Anonymous collector s.n., s.d., Germany, cult. Bot. Halensi.

Cotoneaster marginatus (Loudon) Schltld. {4} See Schlechtendalia 10: 29. 2003 (“lectotype HAL0011879”). This typification proposed by G. Klotz (Wiss. Z. Univ. Halle, math.-nat. 12: 777. 1963, cf. l.c. 6: 958. 1957) is wrong since the name *Cotoneaster marginatus* (Loudon) Schltld. non *C. marginatus* Loudon represents a combination based on *Cotoneaster buxifolius* var. *marginatus* Loudon. Thus, HAL0011879 cannot be type material (the cited collection obtained a new number, HAL0138294, since the number HAL0011879 had been given twice; the true HAL0011879 refers to the type of *Cotoneaster persicus* Pojark.).

Cotoneaster orbicularis Schltld., Linnaea 27: 544. 1856. {1} [...]; de alio autem specimine a W. Schimper in praeruptis montis St. Catharinae lect. arabice “Schohatt” et sub. no. 270 et 445. {2} HAL0011880 [ST]: Schimper, G.H.W. 270 445, 1835-05-19, Egypt, Arabice: Schohatt, in montis St. Catharinae praeruptis. {3} BM000602207; BM000602208; E00326760; HBG511021; HBG511022; K000758533; HBG511023.

Crantzia schaffneriana Schltld., Linnaea 26: 370. 1854. {1} In lacu (laguna) ad urbem Mexico detexit cl. Schafner. {2} Not at HAL: Schaffner, J.W. s.n., s.d., Mexico, in lacu (laguna) ad urbem. {3} K000534944 [July 1854].

Crantzia schaffneriana Schltld. forma *aquatica* Schltld., Linnaea 26: 371. 1854. {1} In ripae locis humidis rariorem repert. {2} Not at HAL: Schaffner, J.W. s.n., s.d., Mexico.

Crantzia schaffneriana Schltld. forma *subterrestris* Schltld., Linnaea 26: 371. 1854. {1} In aqua natantem. {2} Not at HAL: Schaffner, J.W. s.n., s.d., Mexico.

Crataegus escalloniifolia Schltld., Linnaea 28: 468. 1857. {1} Lechler pl. peruv. ed. Hohenack. n. 2060. Ad Tabinam Jul. m. 1854. {2} Not at HAL: Lechler, W., Plantae peruvianaed Ed. R.F. Hohenacker 2060, 1854-07, Peru, ad Tabinam. {3} K000486050; K000486051; P according to Tropicos.

Crotalaria bracteata Schltld. & Cham. (nom. illeg.), Linnaea 5: 575. 1830. {1} Hacienda de la Laguna. Sept. {2} HAL0098144 [ST]: Deppe, F. & Schiede, C.J.W. 206 “597”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} F0BN001940 (photo in F); G00364960; P00542134. {4} Non Roxb. 1814; ≡ *Crotalaria schiedeana* Steud. (nom. nov.), Nomencl. Bot. (ed. 2) 1: 445. 1840.

Crotalaria bupleurifolia Schltld. & Cham., Linnaea 5: 575. 1830. {1} Hacienda de la Laguna. Oct. {2} HAL0098143 [ST]: Schiede, C.J.W. 207 “596”, 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} F0059071F; G00364997; NY00006674.

Crotalaria sagittalis L. var. *rotundifolia* Schltld. (nom. nov.), Linnaea 12: 279. 1838. {1} Cette plante croit dans la Caroline. Elle m’a été communiquée par M. Bolc. (Poir.). {3} FI006997? {4} Nom. nov. for *Crotalaria rotundifolia* Poir. (nom. illeg.), Encycl., Suppl. 2: 402. 1812.

Croton conspurcatus Schltld., Linnaea 7: 380. 1832. {1} In dumetis prope Tioselo. Aug. {2} HAL0070989 [ILT], HAL0107583 [lectotype, **designated here**]: Schiede, C.J.W. “1128”, 1829-08, Mexico, Veracruz-Llave, in dumetis prope Tioselo. {3} BM000947405; F0056025F; F0056026F; MO-188875; NY00246455; P00623123. {4} In one of G.L. Webster’s unpublished manuscripts [Webster, G.L., 1999, *Croton* Flora Novo-Galiciana; see webpage: herbarium.ucdavis.edu/webster_manuscripts.html], HAL0107583 was cited as HT [“Schiede 39, HAL, the holotype”]. Furthermore, this collection was erroneously annotated as HT by I. Cordeiro (SP) 1998-08. A corresponding publication has not been found. We follow Webster’s and Cordeiro’s choice and designate HAL0107583 as lectotype. Schlechtendal, Linnaea 6: 361. 1831, cited “Schiede 1128” as “*Croton cortesianus*.”

Croton digitatus Salzm. ex Schltld. (nom. illeg.), Linnaea 19: 240. 1846. {1} Pl. exs. Bah. in umbrosis. {2} HAL0136204 [ST]: Salzmann, P. s.n., 1827–1830, Brazil. Bahia, in umbrosis. {3} E00326421; G00312450; MPU015034; MPU015035; MPU015036. {4} Non Geiseler 1807; ≡ *Croton lobatus* var. *digitatus* Müll.Arg., Prodr. 15: 668. 1866.

Croton draco Schltld. & Cham., Linnaea 6: 360. 1831. {1} Sangre de drago. Arboreus, succo scatens sanguineo, qui optimum exhibet sangiunem draconis. In sylvaticis Papantlae. Feb. {2} HAL0098599 [lectotype, **designated here**], HAL0107587 [ILT], HAL0107588 [ILT]: Deppe, F. & Schiede, C.J.W. 15 “1127”, 1829-02, Mexico, Veracruz-Llave, in sylvaticis Papantlam. {3} BR0000006999544; F0BN005086 (photo in F); HBG516441; W according to Tropicos. {4} Webster, G.L., Contr. Univ. Michigan Herb. 23: 356. 2001, cited a specimen deposited in HAL (without specification and barcode) as HT [“holotype: HAL; isotype: W!”], but three specimens are deposited in HAL. Therefore, we propose to designate the sample with barcode HAL0098599 as LT.

Croton ehrenbergii Schltld., Linnaea 19: 248. 1846. {1} Prope Mineral del Monte in Cuesta blanca (alt. 13–1400 hex.), inter Actopan et Izmiquilpan nec non Actopan inter et Pachuca, Jan. flor. (C. Ehrenberg). {2} HAL0048873 [ST]: Ehrenberg, C.A. 1123 “29”, 1840-01, Mexico, inter Actopan et Izmiquilpan. HAL0048874 [lectotype, **designated here**]: Ehrenberg, C.A. 236 “29”, 1831–1839, Mexico, Hidalgo, prope Mineral del Monte in Cuesta blanca, alt. 8–9000 ped. HAL0048875 [ST]: Ehrenberg, C.A. 1058 “29”, 1831–1839, Mexico. Hidalgo, inter Actopan et Pachuca. {3} BR0000006999544; F0BN005086 (photo in F); HBG516441. {4} HAL0048874 was annotated as LT by G.L. Webster 1997 on the label, but a corresponding publication has not been found. We follow Webster’s intention and designate HAL0048874 as LT.

Croton hostmannii Miq. ex Schltld., Linnaea 21: 477. 1848. {1} Crescit in Surinamo (Hostm. 1106 ex Hb. Hook. {2} Not at HAL: Hostmann, F.W.R. 1106, s.d., Suriname. {3} A00063011; G00312276; S-R-10529; W0004051; W1889-0067196.

Croton hypoleucus Schltld., Linnaea 19: 246. 1846. {1} Inter Zimapan et S. José del oro Junio flor. (Schiede). {2} HAL0098598 [ST], HAL0107586 [ST]: Schiede, C.J.W. 1063 “28”, 18??-06, Mexico, Hidalgo, inter Zimapan et S. José del Oro. {3} P00623537.

Croton pseudochina Schltld. & Cham., Linnaea 5: 84. 1830. {1} Plan del Rio, Tierra caliente Juli. {2} HAL0048871 [lectotype, **designated here**]: Schiede, C.J.W. 373 “57”, 1828-07, Mexico, Veracruz-Llave, prope Plan del Rio, Tierra caliente. {3} HBG516423; HBG516424; W1889-0314046. {4} HAL0048871 was erroneously annotated as HT by G.L. Webster (DAV) 1999-04. A corresponding publication has not been found, but the citation of this collection as HT is included in one of Webster’s

unpublished manuscripts [A Revision of *Croton* Section *Eluteria*, 1999], see webpage: herbarium.ucdavis.edu/webster_manuscripts.html. We follow Webster's intention and designate HAL0048871 as LT.

Croton pseudochina Schltld. & Cham. var. *minor* Schltld. & Cham., Linnaea 6: 359. 1831. {1} Inter Laguna Verde et Actopan. confer: Schiede in Linn. 4, p. 579. {2} HAL0048840 [lectotype, **designated here**], HAL0107584 [ILT]: Schiede, C.J.W. s.n. "57", 1828, Mexico, inter Laguna Verde et Actopan. HAL0048879 [ST]: Schiede, C.J.W. s.n., 1829-03, Mexico, prope Actopan. HAL0048878 [ST]: Schiede, C.J.W. s.n., 1829-03, Mexico, Veracruz-Llave, prope Plan del Rio, reg. Calidae. {3} HBG516425. {4} HAL0048840 was erroneously annotated as HT by G.L. Webster (DAV) 1999-07. A corresponding publication has not been found, but the citation of this collection as HT is included in one of Webster's unpublished manuscripts [A Revision of *Croton* Section *Eluteria*, 1999], see webpage: herbarium.ucdavis.edu/webster_manuscripts.html. We follow Webster's intention and designate HAL0048840 as LT.

Croton "repandus" Schltld., Linnaea 19: 237. 1847. {4} This is a typographic error (in Linnaea 19: 237. 1847, only *Croton repens* is cited).

Croton repens Schltld., Linnaea 19: 237. 1846. {1} (n. 270. 271. 291. Temperirtes Mexico). Cr. nov. sp. Linn. VII. pag. 381. n. 40. Hac. de la Laguna (Schiede). {2} HAL0098376 [ST]: Leibold, F.E. 291, 1839–1844, Mexico, temperiertes Mexico. HAL0098377 [ST]: Leibold, F.E. 270, 1839–1844, Mexico, temperiertes Mexico. HAL0098378 [ST]: Leibold, F.E. 271, 1839–1844, Mexico, temperiertes Mexico. HAL0098379 [LT]: Schiede, C.J.W. s.n. "40", 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {4} The LT was designated by Webster, G.L., Contr. Univ. Mich. Herb. 23: 362. 2001.

Croton schiedeianus Schltld., Linnaea 19: 243. 1846. {1} In der heissen Region, zwischen Nantla und Misantla, von Schiede gesammelt. {2} HAL0048877 [HT]: Schiede, C.J.W. s.n., 1829-03, Mexico, Veracruz-Llave, inter Nautlam et Misantlam, reg. calid. {4} The specimen in HAL was cited as HT by Webster, G.L., Contr. Univ. Mich. Herb. 23: 359. 2001, which is probably correct according to ICN Art. 9.1, Note 1.

Croton sericeus Schltld. & Cham., Linnaea 5: 85. 1830. {1} Plan del Rio. Jul. {2} HAL0048872 [HT]: Schiede, C.J.W. 372 "59", 1828-07, Mexico, Veracruz-Llave, Plan del Rio. {4} According to Tropicos a nom. illeg., but the older homonym, Lam. 1786, is a nom. illeg. superfl.; = *Croton fragilis* var. *sericeus* Müll.Arg. (nom. nov.; nom. illeg. superfl.), Prodr. 15: 642. 1866; the collection in HAL was cited as HT by Webster, G.L., Contr. Univ. Mich. Herb. 23: 366. 2001, which is most probably correct according to ICN Art. 9.1, Note 1.

Croton soliman Schltld. & Cham., Linnaea 6: 361. 1831. {1} Prope Papantlam. Jan. {2} HAL0098597 [ST], HAL0107582 [ST]: Deppe, F. & Schiede, C.J.W. s.n. "1130", 1829-01, Mexico, Veracruz-Llave, Papantla. {3} A00047145; B100244227; BR0000006994327; FOBN005168 (photo in F); W0060488; W0060489.

Croton sylvaticus Schltld. (nom. illeg.), Linnaea 19: 240. 1846. {1} In sylvis papantlae arborescens. Dec. {2} HAL0048880 [HT]: Schiede, C.J.W. s.n., 1828-12, Mexico, Veracruz-Llave, in sylvis Papantlae. {4} Non Hochst. 1845. HAL0048880 was annotated on the label as HT by G.L. Webster (DAV) 1999-04, which is probably correct according to ICN Art. 9.1, Note 1.

Crotonanthus Klotzsch ex Schltld. (nom. nud.). {1} *Crotonanthus padifolius* Klotzsch in sched. ad pl. Karsten – Frutex 5–6', in collibus ad Maiquetia, alt. circ. 1000', Novb. (n.74). {4} Not listed in ING.

Crusea Cham. & Schltld., Linnaea 5: 165. 1830.

Crusea brachyphylla Schltld. & Cham., Linnaea 5: 165. 1830. {1} Serro colorade. Aug. {2} HAL0019579 [ST]: Schiede, C.J.W. & Deppe, F. 524 "373", 1828-08, Mexico, Serro colorado. {3} F0068909F; LE according to Tropicos.

Cryptandra campanulata Schltld., Linnaea 20: 639. 1847. {1} Vom steinigen Ostabhange des Gebirges gegen den Murray-Scrub. {2} HAL0098383 [HT]: Behr, H.H. s.n. "156", 1845-07, Australia, vom steinigen Ostabhange des Gebirges gegen den Murray-Scrub. {4} HAL0098383 can be considered as HT according to ICN Art. 9.1, Note 1.

Cryptandra leucophracta Schltld., Linnaea 20: 640. 1847. {1} Auf der Sandplaine genannten sandig-kalkigen Gegend, Januar. {2} HAL0098601, HAL0107594 [ST]: Behr, H.H. s.n. "157", 1845-01, Australia, auf der Sandplaine genannten sandig-kalkigen Gegend.

Cryptocarpus paniculatus Kunth ex Schltld., Linnaea 26: 643. 1854. {1} [...] in locis humidis pr. Maiquetia, alt. c. 1000', Decbr. (289). {2} Not at HAL: Wagener, H. 289, 18??-12, Venezuela, Maiquetia, in locis humidis pr. Maiquetia, alt. c. 1000'.

Cryptophyllum Schltld. (orth. var.), Bot. Zeitung 1: 316. 1843. {4} = *Coptophyllum* Gardner; Schlechtendal did not describe a new genus, he just altered Gardner's spelling.

Cunila leucantha Kunth ex Schltld. & Cham., Linnaea 6: 373. 1831. {1} Crescit in monte Macultepec prope Jalapam; floret Nov. {2} HAL0041028 [ILT], HAL0041031 [LT]: Schiede, C.J.W. s.n. "1174", 1828-11, Mexico, Veracruz-Llave, in monte Macultepe prope Jalapam. {3} BM; W0013602; OXF. {4} LT designated by García-Peña, M.R. & Chiang, F. Taxon 52: 130. 2003.

Cupaniopsis calaminthifolia Schltld. {4} Error, see *Cuphea calaminthifolia*.

Cupaniopsis calophylla Cham. & Schltld. {4} Error, see *Cuphea calophylla*.

Cuphea balsamona Cham. & Schltld. (nom. illeg. superfl.), Linnaea 2: 363. 1827. {1} *Balsomona pinto* Vandelli Fl. Lus. et Bras. spec. p. 30. t. IV., Id. Fasc. plant. p. 15 (a nobis non visus.). In humidis provinciae Rio Janeiro Brasiliae ubique crescentem legit Beyrich. Septembre 1822 flores et fructus ferentem. Quae Sellowius in Brasilia meridionali (Estrella de Maxade Aprili 1823) legit specimina, [...]. {4} Nom. nov.; nom. illeg. superfl. for *Balsamona pinto* Vand., 1771; see *Cuphea pinto* (Vand.) Kuntze (Revis. Gen. Pl. 3: 96. 1898). Specimens collected by Beyrich [JE00021294] and Sellow [HAL0016113] are no type material for Vandelli's species [Habitat in Brasilia].

Cuphea calaminthifolia Schltld., Linnaea 12: 274. 1838. {1} Cuesta grande de Chiconquiaco Sept. (Schiede). Singula specimina Jalapae et pr. S. Andres ab amico lecta, huic speciei adnectimus. {2} HAL0016107 [LT]; Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, Cuesta grande de Chiconquiaco. HAL0016108 [ST]; Schiede, C.J.W. 563, 1828-08, Mexico; prope San Andres. HAL0016109 [ST], HAL0016110 [ST]; Schiede, C.J.W. s.n., 1829-06, Mexico, Veracruz-Llave, prope Jalapam. {3} NY00386457 [ILT]; P01901542 [ILT]; P01901543. {4} LT designated by Graham, S.A., Rhodora 71: 487. 1969, as HT ("Holotype: HAL!; isotypes, photo of CGE isotype, MICH neg. no. 1732, 1733!, P!"), but correctable to LT according to ICN Art. 9.9.

Cuphea calophylla Cham. & Schltld., Linnaea 2: 361. 1827. {1} In graminosis siccis montium prope coloniam Novum Friburgum in provincia Rio de Janeiro Brasiliae Decembre florentem legit Beyrich. {2} Not at HAL: Beyrich, H.C. s.n., s.d., Brazil. Rio de Janeiro. Serra d'Estrella, inter frutices. {3} F0BN017876 (photo in F); JE00021340; JE00021341; K000532975 [LT?]. {4} K000532975 was annotated as LT by S.A. Graham 1997-10 on the label, but a corresponding publication has not been found.

Cuphea ericoides Cham. & Schltld., Linnaea 2: 366. 1827. {1} In Brasilia aequinoctiali tropica legit Sellow {2} Not at HAL: Sellow, F. s.n., 1814-1831, Brazil, Brasilia aequinoctiali. {3} F0BN017885 (photo in F); K000533065; K000533066; K000533069; M0146136.

Cuphea glutinosa Cham. & Schltld., Linnaea 2: 369. 1827. {1} In Brasilia meridionali plantam plurimis locis magna in copia legit Sellow. {2} HAL0098166 [ST], HAL0098368 [ST]: Sellow, F. s.n., 1814-1831, Brazil. {3} K000533144; K000533147; M0146125; P01901650; P01901651; W0022426 [LT?]. {4} Duré, R. & Molero, J., Collect. Bot. (Barcelona) 25: 233. 2000, cited type material deposited in W and P. W0022426 was designated as LT on the label by Duré, R. & Molero, J. 1998, but a formal effective lectotypification seems to be still missing.

Cuphea ingrata Cham. & Schltld., Linnaea 2: 371. 1827. {1} In Brasilia aequinoctiali legerunt Sellow et Beyrich. {2} HAL0098369 [ST], HAL0098370 [ST]: Sellow, F. s.n., 1814-1831, Brazil, Brasilia aequinoct. {2} Not at HAL: Beyrich, H.C. s.n., s.d., Brazil, Brasilia aequinoct. {3} K000532958; K000532960; W0022799. {4} According to Duré, R. & Molero, J. in Collect. Bot. (Barcelona) 25: 233. 2000, Lourteig, S.A., Flora Illustrada Catarinense: 35. 1969, designated material collected by Beyrich as type, but without specification of a particular herbarium. It is unknown to us where Beyrich's material is deposited and if it is preserved at all.

Cuphea ligustrina Cham. & Schltld., Linnaea 2: 359. 1827. {1} E Brasilia aequinoctiali et meridionali misit Sellow, attulitque Beyrich, qui eam legit in lapidosis subhumidis umbrosis sylvarum antiquarum ad praedium Mandioca in provincia Rio de Janeiro, Augusto florentem. {2} HAL0098371 [ST]: Sellow, F. s.n., 1814-1831, Brazil, Brasilia meridionalis. Not at HAL: Beyrich, H.C. s.n., s.d., Brazil. Rio de Janeiro. Serra dos Orgos, in sylvis antiquissimis. {3} BM000512798 [LT?]; JE00021304; K000532995; K000532996; K000532997; W0022793. {4} BM000512798 was designated as LT by Duré, R. & Molero, J. 1989 on the label, but a corresponding publication has not been found.

Cuphea linarioides Cham. & Schltld., Linnaea 2: 367. 1827. {1} In Brasilia aequinoctiali legit Sellow. {2} HAL0098390 [ILT]: Sellow, F. s.n., 1814-1831, Brazil, Brasilia aequinoctiali. {3} W0022424 [lectotype, **designated here**]. {4} W0022424 was cited by Duré, R. & Molero, J., Collect. Bot. (Barcelona) 25: 233. 2000, simply as "type" without any specification, which is not correctable to LT according to ICN Art. 9.9. We follow the intentions of these authors and designate W0022424 as LT.

Cuphea lysimachioides Cham. & Schltld., Linnaea 2: 374. 1827. {1} Per totam Brasiliam aequinoctialem ac meridionalem (ex. gr. Estrella das Tomas) legit Sellow. {2} HAL0098391 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoct. ac. meridi (ex gr. Estrella das Tombas). {3} BR0000009972575; F0BN017899 (photo in F); K000533037; K000533038; K000533039.

Cuphea mimuloides Schltld. & Cham., Linnaea 5: 570. 1830. {1} In humidis prope Mesachica. Dec. {2} HAL0016104 [HT]: Schiede, C.J.W. & Deppe, F. s.n. “577”, 1828-12, Mexico, Veracruz-Llave, in humidis prope Mesachica. {4} Annotated as HT by S.A. Graham (MO) 1991-07-31, which is probably correct according to ICN Art. 9.1, Note 1.

Cuphea organifolia Cham. & Schltld., Linnaea 2: 373. 1827. {1} In Brasilia meridionali legit Sellow. {2} HAL0098392 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} BR0000005748907.

Cuphea salicifolia Schltld. & Cham., Linnaea 5: 569. 1830. {1} Ad rivulos et ripas fluminis Misantlensis prope Misantlam. Mart. – Ad rivulos Papantlae. Dec. {2} HAL0015204 [LT], HAL0107624 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. “574”, 1829-03, Mexico, Veracruz-Llave, ad rivulos et ripas fluminis Misantlensis prope Misantlam. HAL0016097 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “574”, 1828-12, Mexico, Veracruz-Llave, ad rivulos prope Papantlam. {3} K000532879; K000532880; W0022421; W0022422. {4} LT designated by Graham, S.A., Fl. Veracruz 66: 58. 1991.

Cuphea spicata Cav. f. *tropica* Cham. & Schltld. (nom. illeg. superfl.), Linnaea 2: 358. 1827. {4} Nom. illeg. superfl. according to ICN Art. 52.1., since *Cuphea spicata* Cav. was cited in the protologue.

Cuphea spicata Cav. f. *extratropica* Cham. & Schltld., Linnaea 2: 358. 1827. {1} Pluribus in locis Brasiliae meridionalis a Sellowio magna in copia lecta. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis.

Cuphea thymoides Cham. & Schltld., Linnaea 2: 368. 1827. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali.

Cuphea tuberosa Cham. & Schltld., Linnaea 2: 372. 1827. {1} In provinciis meridionalibus Brasiliae legit Sellow. {2} HAL0098393 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} BR0000005851089; F0BN017915 (photo in F); G00227318 [LT]; K000533040. {4} LT designated by Duré R, & Molero, J., Collect. Bot. (Barcelona) 25: 236. 2000.

Curtia Cham. & Schltld. (nom. illeg.), Linnaea 1: 209. 1826.

Curtia gentianooides Cham. & Schltld. (nom. illeg.), Linnaea 1: 210. 1826. {1} Amer. austr. {4} = *Sabatia verticillaris* Spreng., Syst. Veg. 1: 580. 1825.

Cuscuta citricola Schltld., Linnaea 22: 808. 1849. {1} In sepibus insulae Stae. Catharinae Brasiliae Citri ramis innascens a Pabstio hortulano Jannario et Februario menss. {2} HAL0077254 [ST], HAL0137395 [ST]: Pabst, C. 565, 1847–1850, Brazil, St. Catarina [Florianópolis]. HAL0137394 [ST]: Pabst, C. 89, 1847–1850, Brazil, St. Catarina [Florianópolis].

Cuscuta jalapensis Schltld., Linnaea 8: 515. 1833. {1} Pr. Jalapam in fruticibus minoribus, Tragiis, Baccharidibus, Crotonibus etc. Majo. {2} HAL0098483 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, prope Jalapam. {3} F0077410F; GOET002482; MO-152727; MO-152728; P00622330; P00622331; S-G-1807.

Cyathia mexicana Schltld. & Cham., Linnaea 5: 616. 1833. {1} Jalapa. Oct. - Junius teneriusque folium, costa pinnularum non omnino recta, subinde paululum flexuosa. Ibidem. Aug. {2} HAL0075280 [ST]: Schiede, C.J.W. & Deppe, F. 747 “802”, 1828-08, Mexico, Veracruz-Llave, prope Jalapam. HAL0107297 [ST], HAL0081869 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “802”, 1828-10, Mexico, Veracruz-Llave, Jalapa. {3} B200126446; B200126447; BM000937593; LE00008056; LE00008057; K, NY, and US according to Tropicos.

Cyathodes tameiameiae Cham. & Schltld., Linnaea 1: 539. 1826. {1} Legimus in clivis aridioribus ad radices montium circa Hana-ruru insulae O-Wahu. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Hawai, O-Wahu. {3} G00342121; K000848144; L0006582?; M0164816; P00646189; S08-6057.

Cybianthus parviflorus Schltld., Linnaea 26: 672. 1855. {1} Prope Galipan septentrionem versus in sylvis, Sept. flor., alt. 4–5000 ped. {2} Not at HAL: Wagener, H. s.n., s.d., Venezuela, prope Galipan.

Cymatocloa Schltld., Bot. Zeitung 12: 817, 821. 1854.

Cymbaria borysthenica Pall. ex Schltld., Horae Phys. Berol.: 109. 1820. {1} Habitat frequens ad Kamenaja balka prope oppidulum Beristaf et in saxeo-calcareis ad pluvialem Burgunt inter Borysthenem et Hypanim fluvios. {2} HAL0116039 [ST]: Pallas, P.S. von s.n., s.d., Ukraine, Borysthenes [Beresan; Dnepr].

Cynoglossum mexicanum Schltld. & Cham., Linnaea 5: 114. 1830. {1} In monte Macultepec. Aug. {2} HAL0095748 [ST], HAL0107370 [ST]: Schiede, C.J.W. & Deppe, F. 585 “208”, 1828-08, Mexico, Tabasco, in monte Macultepec. {3} GH00097402.

Cyperus ciliatus Schltld. & Cham., Linnaea 6: 25. 1831. {1} Inter St. Fe et Plan del Rio. Jul. {2} HAL0053220 [LT]: Schiede, C.J.W. 791 “850”, 1828-07, Mexico, inter St. Fe et Plan del Rio. {3} B100244335. {4} LT designated by Trucker, G.C., Syst. Bot. Monogr. 43: 127. 1994, as HT, but correctable to LT according to ICN Art. 9.9.

Cyperus fossarum Schltld. (nom. illeg.), Linnaea 31: 316. 1861-62. {1} Not specified. {2} Not at HAL: Kegel, H. 38, 1837, Suriname, Paramaribo. {3} GOET002998. {4} Non Liebm. 1850; title of the protologue publication: “Plantae Kegelianaë.”

Cyperus ischnos Schltld., Bot. Zeitung 7: 99. 1849. {1} [...]welche Schiede bei Jalapa aber nur in ein Paar Exemplaren gesammelt hat. {2} *Cyeroidea* n. 876. Linn. VI. p. 31. HAL0053189 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0053192 [LT]: Schiede, C.J.W. 789 “876”, 1828-09, Mexico, Veracruz-Llave, prope Jalapam. {4} LT designated by Tucker, G.C. & McVaugh, R., Fl. Novo-gal. 3: 307. 1993. Schlechtendal’s citation of number “876” refers to “Linnaea 6: 31. 1831.”

Cyrtocarpa copalillo Schltld., Linnaea 16: 485. 1842. {1} Papantlae ubi Copalillo nominatur, et ad Hacienda de la Laguna Julia fruct. leg. Schiede. {2} HAL0119069 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1295”, 1828–1836, Mexico, Papantla. Not at HAL: Deppe, F. & Schiede, C.J.W. s.n., Jul. 1828–1836, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BR0000006954970. Notes: Schlechtendal’s citation of number “1295” refers to “Linnaea 6: 419. 1831” as “Copanillo Papantlensium” which was not cited in “Linnaea 16” but can be found on the label.

D

Dactylis glomerata L. var. *collina* Schltld., Fl. Berol. 1: 69. 1823. {1} Gemein. {2} HAL0060089 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Dactylis glomerata L. var. *vulgaris* Schltld., Fl. Berol. 1: 69. 1823. {1} An den Kalkbergen. {2} HAL0060094 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin, an den Kalkbergen.

Dalea comosa Schltld., Linnaea 12: 289. 1838. {1} Mineral del Monte: Cuesta blanca, Nov. Dec. (C. Ehrenberg). {2} HAL0080011 [ST]: Ehrenberg, C.A. 570, 1840-11–12, Mexico, Hidalgo, Mineral del Monte Cuesta blanca. {4} HAL0080011 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Dalea ehrenbergii Schltld., Linnaea 12: 290. 1838. {1} In solo calcareo ad aquas calidas pr. Grande (C. Ehrenberg). {2} HAL0098418 [ST]: Ehrenberg, C.A. 640, 1831–1840, Mexico, prope Grande. {4} HAL0098418 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Dalea laxiflora Schltld. (nom. illeg.), Linnaea 12: 293. 1838. {1} In terris Mexicanis (Hegewisch, hb. Lehm. et Bueck). {2} Not at HAL: Hegewisch, E.F.A. s.n., s.d., Mexico. {4} Non Pursh 1814; = *Dalea hegewischiana* Steud. (nom. nov.), Nomencl. Bot. (ed. 2) 1: 480. 1840.

Dalea leucostoma Schltld., Linnaea 12: 294. 1838. {1} Pr. Regla Oct. (C. Ehrenberg). {2} HAL0098419 [ST]: Ehrenberg, C.A. 568, 18??-10, Mexico, Hidalgo, prope Regla. {4} HAL0098419 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Dalea pyramidalis Schltld., Linnaea 12: 292. 1838. {1} In terris Mexicanis (Hegewisch, hb. Lehm. et Bueck). {2} Not at HAL: Hegewisch, E.F.A. s.n., s.d., Mexico. {3} S08-14335.

Dalea thymoides Schltld. & Cham., Linnaea 5. 580. 1830. {1} Inter Hacienda de Tenestepeque et Hacienda de Quantotolapa in sylvaticis. Sept. {2} HAL0098422 [ST]: Deppe, F. & Schiede, C.J.W. 200 “617”, 1828-09, Mexico, inter la Hacienda Tenestepeque et Hacienda Quantotolapa. {4} HAL0098422 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Dalea uncifera Schltld. & Cham., Linnaea 5. 580. 1830. {1} Not specified. {2} HAL0098421 [ST]: Schiede, C.J.W. s.n. “616”, 1828-12, Mexico, Veracruz-Llave, in patris inter Mesachica et Malipique. HAL0098610 [ST]: Schiede, C.J.W. s.n. “616”, 1828-12, Mexico, Veracruz-Llave, in apricis prope Jalacingo reg. temp. {3} BM000931516; LE00006830.

Dalea verbenacea Schltld. & Cham., Linnaea 5: 579. 1830. {1} Hacienda de la Laguna. Oct. {2} HAL0098416 [ST]: Schiede, C.J.W. 198 “615”, 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BM000931514; BM000931515; F0059142F; MO-126281; NY00007552.

Dalea verbenacea Schltld. & Cham. var. *sericea* Schltld. & Cham., Linnaea 5: 579. 1830. {1} Prope Jalapam an apricis. Aug. Hacienda de la Laguna. Oct. {2} HAL0098414 [ST]: Deppe, F. & Schiede,

C.J.W. 199 “615”, 1828-08, Mexico, Veracruz-Llave, prope Jalapam. HAL0098415 [ST]: Deppe, F. & Schiede, C.J.W. 199 “615”, 18??, Mexico, Veracruz-Llave, prope Jalapam. HAL0098615 [ST]: Schiede, C.J.W. s.n., 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna.

Dampiera rosmarinifolia Schltld., Linnaea 20: 603. 1847. {1} In Scrubgegenden, November. {2} HAL0043163 [HT]: Behr, H.H. s.n. “86”, 1844-11, Australia, in Scrubgegenden. {4} HAL0043163 can probably be considered as HT according to ICN Art. 9.1, Note 1.

Daphne bonplandiana Kunth var. *mollis* Schltld. & Cham., Linnaea 6: 364. 1831. {1} In sylvis Papantlae. Dec. {2} HAL0138418 [ILT]: Schiede, C.J.W. s.n. “1138”, 1828-12, Mexico, in sylvis Papantlae. {3} HBG512540; K000567874; LE [LT]; M; MO-193456. {4} LT designated by Nevling, L.I. & Barringer, K.A., Fl. Veracruz 59: 12. 1988 [“LT: LE, ILT: HBG, K, MO, W”].

Davallia divaricata Schltld. & Cham. (nom. illeg.), Linnaea 5: 617. 1830. {1} Not specified. {2} HAL0081868 [ST], HAL0107298 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “803”, 1828-12, Mexico, Cuesta grande de Jalacingo, reg. temp. {3} LE00008196; P00539168; P00539169. {4} Non Blume 1828; = *Davallia schlechtendalii* C. Presl (nom. nov.), Tent. Pterid.: 129. 1836.

Davilla sellowiana Schltld., Linnaea 8: 178. 1833. {1} In Brasilia tropica. {2} Not at HAL: Sellow, F. s.n., 1814–1831, in Brasilia tropica. {3} P00682196; P00682197.

Davilla tintinnabulata Schltld., Linnaea 8: 178. 1833. {1} In Brasilia tropica. {2} Not at HAL: Sellow, F. s.n., 1814–1831, in Brasilia tropica. {3} F0BN005745 (photo in F).

Declieuxia herbacea Cham. & Schltld. (nom. illeg.), Linnaea 4: 11. 1829. {1} Rio Janeiro misit Sellow. {2} HAL0113103 [ILT]: Sellow, F. s.n., 1814–1831, Brazil. Brasilia. {3} F0069640F. {4} Nom. illeg. superfl.; = *Knoxia brasiliensis* Spreng., Syst. Veg. 1: 406. 1825. LT designated by Kirkbride, J.H., Mem. New York Bot. Gard. 28: 68. 1976 [“Type: Brasilia (fide Müller Argoviensis, 1881, prope Rio de Janeiro), Sellow 1267 (lectotype COI; isotype COI)”].

Declieuxia glauca Mart. ex Cham. & Schltld., Linnaea 4: 8. 1829. {1} E Brasilia tropica misit Sellow, semel iterumque inventam. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia tropica. {3} F0068946F; F0BN000707 (photo in F).

Declieuxia mucronulata Mart. ex Cham. & Schltld., Linnaea 4: 10. 1829. {1} E Brasilia tropica misit Sellow. {2} HAL0114235 [ST]: Sellow, F. s.n., 1814–1831, Brazil. Brasilia. {3} S-R-7791.

Declieuxia pulverulenta Mart. ex Cham. & Schltld., Linnaea 4: 9. 1829. {1} Brasilia aequinoctialis. Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis.

Deianira Cham. & Schltld., Linnaea 1: 195. 1826.

Deianira erubescens Cham. & Schltld. (type species of the genus *Deianira* Cham. & Schltld.), Linnaea 1: 196. 1826. {1} In Brasilia regionibus interioribus legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} G00369691; K000438581.

Deianira nervosa Cham. & Schltld., Linnaea 1: 197. 1826. {1} Ex interioribus Brasiliae regionibus misit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} K000438580.

Deianira pallescens Cham. & Schltld., Linnaea 1: 196. 1826. {1} In Brasilia regionibus interioribus legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia.

Deppea Cham. & Schltld., Linnaea 5: 167. 1830.

Deppea erythrorhiza Schltld. & Cham. (type species of the genus *Deppea* Cham. & Schltld.), Linnaea 5: 168. 1830. {1} In umbrosis prope Hacienda de la Laguna. Oct. {2} HAL0064236 [LT], HAL0107356 [ILT]: Schiede, C.J.W. & Deppe, F. 516 “388”, 1828-10, Mexico, Veracruz-Llave, in umbrosis prope Hacienda de la Laguna. {3} GOET010226; GOET010227; P02436247. {4} HAL0064236 was erroneously annotated on the label as HT and HAL0107356 as IT by D.H. Lorence (PTBG) 1988, with a corresponding publication in Lorence, D.H. & J.D. Dwyer, Allertonia 4(7): 412. 1988., which is correctable to LT according to ICN Art. 9.9.

Deppea grandiflora Schltld., Linnaea 19: 748. 1847. {1} No. 235. 253. 263. Temperirtes Mexico. {2} HAL0064237 [HT]: Leibold, F.E. 235, 253, 263, 1839–1844, Mexico, Mexico temperata. {4} HAL0064237 was annotation on the label as HT by D.H. Lorence (PTBG) 1988, with a corresponding publication in Lorence, D.H. & J.D. Dwyer, Allertonia 4(7): 423. 1988, which is probably correct according ICN Art. 9.1, Note 1.

Depierrea Schltld. (nom. inval.), Linnaea 16: 374. 1842. {4} Nom. inval. according to ICN Art. 36.1.

Depierrea campanuloides Schltld. (nom. inval.), (type species of the genus *Depierrea* Schltld.), Linnaea 16: 374. 1842. {1} [...] du nom de Mr. Auguste Depierre qui le premier l’a trouvee aux environs des Brenets le 22. Juillet 1841. {2} Not at HAL: Depierre, A. s.n., 1841-07-21, Switzerland, Brenet [Canton

Neuchâtel]. {4} Nom. inval. according to ICN Art. 36.1 (Schlechtendal (l.c.): „Dass es einen neue Gattung sei, ist auch nicht zu glauben, [...]“).

Descantaria Schltldl., *Linnaea* 26: 140. 1854.

Deschampsia cespitosa (L.) P. Beauv. var. *major* Schltldl., *Fl. Berol.* 1: 51. 1823. {1} Sehr gemein! {2} Not at HAL: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Deschampsia cespitosa (L.) P. Beauv. var. *minor* Schltldl., *Fl. Berol.* 1: 51. 1823. {1} Sehr gemein! {2} Not at HAL: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Desmodium adhaesivum Schltldl., *Linnaea* 12: 314. 1838. {1} Mineral del Monte, Huasca, Regla (C. Ehrenberg). {2} HAL0051025 [ST]: Ehrenberg, C.A. 313, 1831–1840, Mexico, Hidalgo, Mineral del Monte, Huasca, Regla. {4} HAL0051025 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Desmodium affine Schltldl., *Linnaea* 12: 312. 1838. {1} *Desmodium* sp. Linn. l.c. p. 586 n. 643. Pr. Jalapam et pr. Hacienda de la Laguna Aug. (Schiede). {2} HAL0051030 [ST]: Schiede, C.J.W. 212 “643”, 1828–08, Mexico, Veracruz-Llave, prope Jalapam. HAL0051031 [lectotype, **designated here**]: Schiede, C.J.W. s.n., 1829–08, Mexico, Veracruz-Llave, prope Hacienda de la Laguna. {4} LT designated by Torres, C. et al., *Revista Mex. Biodiv.* 82: 1090. 2011, but lectotypification not valid according to ICN Art. 7.10. We follow the intention of Torres and designate HAL0051031 as LT. Schlechtendal’s citation of “643” refers to *Linnaea* 5: 586. 1830.

Desmodium diversifolium Schltldl. (nom. illeg.), *Linnaea* 12: 313. 1838. {1} Mineral del Monte, Huasca, Regla (C. Ehrenberg). {2} HAL0051029 [ST]: Schiede, C.J.W. s.n., 1829–08, Mexico, Veracruz-Llave, Hacienda de la Laguna. {4} Non (Poir.) DC. 1825; = *Desmodium variifolium* Steud. (nom. nov.), *Nomencl. Bot.* (ed. 2) 1: 496. 1840. HAL0051029 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Desmodium elegans Schltldl. (nom. illeg.), *Linnaea* 12: 320. 1838. {1} In terris Mexicanis (Hegewisch, hb. Bueck). {2} Not at HAL: Hegewisch, E.F.A. s.n., s.d., Mexico. {4} Non DC. 1825; = *Desmodium venustum* Steud. (nom. nov.), *Nomencl. Bot.* (ed. 2) 1: 496. 1840.

Desmodium lupulinum Schltldl., *Linnaea* 12: 317. 1838. {1} Pr. Jalapam Majo 29. (Schiede). {2} HAL0051037 [ST]: Schiede, C.J.W. s.n., 1829–05, Mexico, Veracruz-Llave, prope Jalapam. {4} HAL0051037 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Desmodium orbiculare Schltldl., *Linnaea* 12: 311. 1838. {1} In solo caleareo ad aquas calidas pr. Grande, Regla (C. Ehrenberg). {2} HAL0051039 [ST], HAL0051040 [ST]: Ehrenberg, C.A. 697, 642, 1831–1840, Mexico, Hidalgo, in solo calcareo ad aquas calidas prope Grande, Regla.

Desmodium plicatum Schltldl. & Cham., *Linnaea* 5: 585. 1830. {1} In pratis inter Misantlam et Colipam. Mart. {2} HAL0107634 [ST], HAL0051034 [ST]: Schiede, C.J.W. s.n. “642”, 1829–03, Mexico, Veracruz-Llave, in pratis inter Misantlam et Colipam. {3} K000081850; MO-126250.

Desmodium polystachyum Schltldl., *Linnaea* 12: 321. 1838. {1} Ad Hacienda de la Orduna Aug. 29. (Schiede). {2} HAL0051294 [ST], HAL0107633 [ST]: Schiede, C.J.W. s.n., 1829–08, Mexico, Veracruz-Llave, Hacienda de la Orduna. {3} BM000931662; P02142532.

Desmodium prehensile Schltldl., *Linnaea* 12: 315. 1838. {1} *Desmodium* sp. Linn. l.c. n. 644. Pr. Jalapam Aug. (Schiede). {2} HAL0051017 [ST]: Schiede, C.J.W. 211 “644”, 1828–08, Mexico, Veracruz-Llave, prope Jalapam. {4} HAL0051017 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1). Schlechtendal’s citation of “644” refers to *Linnaea* 5: 586. 1830.

Desmodium psilophyllum Schltldl., *Linnaea* 12: 310. 1838. {1} Cuesta grande de Chiconquiaco. Sept. 29. (Schiede). {2} HAL0051036 [ST]: Schiede, C.J.W. s.n., 1829–09, Mexico, Veracruz-Llave, Cuesta grande de Chiconquiaco. {4} HAL0051036 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Desmodium retinens Schltldl., *Linnaea* 12: 311. 1838. {1} Pr. Regla (C. Ehrenberg). {2} HAL0051035 [ST]: Ehrenberg, C.A. 695, 1831–1839, Mexico, Hidalgo, prope Regla. {4} HAL0051035 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Desmodium sericophyllum Schltldl., *Linnaea* 12: 317. 1838. {1} *Desmodium* sp. Linn. l.c. n. 646. In sylvis pr. San Andres Aug. et Hac. de la Laguna (Schiede), alio loco (Hegewisch hb. Bueck). {2} HAL0050828 [ST]: Schiede, C.J.W. s.n. “646”, 1828–08, Mexico, in sylvis prope San Andres. {2} Not at HAL: Hegewisch, E.F.A. s.n., s.d., Mexico, alio loco (hb. Bueck). Notes: Schlechtendal’s citation of number “646” refers to “*Linnaea* 5: 586. 1830.”

Desmodium strobilaceum Schltld., Linnaea 12: 316. 1838. {1} *Desmodium* sp. Linn. l.c. n. 645. Pr. Jalapam, Aug. 28. (Schiede). {2} HAL0051018 [ST]: Schiede, C.J.W. 210 “645”, 1828-08, Mexico, Veracruz-Llave, prope Jalapam. {4} HAL0051018 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1). Schlechtendal’s citation of number “645” refers to “Linnaea 5: 586. 1830.”

Desmodium subsessile Schltld., Linnaea 12: 319. 1838. {1} Pr. Regla (C. Ehrenberg). {2} HAL0050827 [ST]: Ehrenberg, C.A. 696, 1831–1839, Mexico, Hidalgo, prope Regla. {4} HAL0050827 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Dichoglottis australis Schltld., Linnaea 20: 631. 1847. {1} Aus Sandboden bei Bethanien. {2} HAL0098405 [ST]: Behr, H.H. s.n., 1844–1845, Australia, Queensland, auf Sandboden bei Bethanien. {3} MEL226568; MEL226569.

Dichorisandra marginata Schltld., Linnaea 26: 454. 1854. {1} Plantas hortenses Halae Saxonum. {2} Not at HAL: cult. in hortus Halensi.

Dichromena radicans Schltld. & Cham., Linnaea 6: 28. 1831. {1} In umbrosis prope Jalapam, Serro Colorado, Aug. {2} HAL0063549 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in umbrosis prope Jalapae. HAL0134382 [ST]: Schiede, C.J.W. & Deppe, F. 787 “863”, 1828-08, Mexico, Veracruz-Llave, in umbrosis prope Jalapae. HAL0134383 [ST]: Schiede, C.J.W. & Deppe, F. s.n., 1828-08, Mexico, Veracruz-Llave, Serro Colorado [with two labels (Aug. 28 and May 29)]. HAL0134384 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “863”, s.d., Mexico, Veracruz-Llave, in umbrosis prope Jalapae. {3} BM000938380 [LT]; BM00093838; BR0000006596538; G00098440. {4} BM000938380 was erroneously cited as HT by Thomas, W., Mem. NY Bot. Gard. 37: 57. 1984 [“Type: Mexico, Serro Colorado, 1828-08, Schiede & Deppe s.n. (BM, holotype)”] which is correctable to LT according to ICN Art. 9.9.

Dichromus Schltld. (nom. nud.), Bot. Zeitung 10: 17. 1852.

Dichromus pilosus Schltld. (in herb.). {2} HAL0133196 [AS]: Crüger, H. 178, 1848-04, Trinidad and Tobago, sandige Savannen auf Trinidad.

Dillwynia scabra Schltld., Linnaea 20: 666. 1847. {1} In der Barossa-Range. {2} HAL0052291 [ST]: Behr, H.H. s.n. “192”, 1844–1845, Australia, in der Barossa-Range. {3} G00365060.

Diodia anthospermoides Cham. & Schltld., Linnaea 3: 343. 1828. {1} In Brasilia aequinoctiali legit Sellow. {2} HAL0113848 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {4} NT designated by Cabral, E.L. & Bacigalupo, N.M., Ann. Missouri Bot. Gard. 84: 862. 1997 (“Glaziou, A.F.M. 14926, Brazil. NT: K, INT: US00624031”). This neotypification is superfluous according to ICN Art. 9.19. HAL0113848 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Diodia dasycephala Cham. & Schltld., Linnaea 3: 348. 1828. {1} In Brasiliae meridionalis campis legit Sellowius pluribus locis, seminaque transmisit ad hortum nostrum botanicum, [...]. {2} HAL0098296 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. HAL0098296 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Diodia palustris Cham. & Schltld., Linnaea 3: 347. 1828. {1} Ad fretum St. Catharinae Brasiliae ipsi legimus, in palustribus Brasiliae aequinoctialis legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. Not at HAL: Chamisso, L.C.A. von s.n., s.d., Brazil, St. Catharinae Brasiliae. {4} NT designated by Cabral, E.L. et al., Acta Bot. Bras. 25(2): 263. 2011 (“Brasil, Rio Grande do Sul, Morro da Policia, pr. Porto Alegre, 14/III/1949, B. Rambo 40486, NT: LIL”), but neotypification not valid according to ICN Art. 7.10.

Diodia polymorpha Cham. & Schltld., Linnaea 3: 344. 1828. {1} E Brasilia tropica et extratropica magnam speciminum varieta tumque copiam misit Sellow. {2} HAL0113845 (lectotype, **designated here**): Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis [as “var. *macrophylla*”]. {4} Schlechtendal (l.c.) described *Diodia polymorpha* and separated this species in two unranked taxa, viz. *macrophylla* and *microphylla*. De Candolle (Prodr. 4: 566. 1830) reallocated *D. polymorpha* to the genus *Triodon* DC. and accepted Schlechtendal’s taxa “*microphylla*” and “*macrophylla*” as α and γ and added β “*intermedius*”, which are generally considered as varieties (see Tropicos, etc.). Cabral, E.L. & Bacigalupo, N.M., Ann. Missouri Bot. Gard. 84: 862. 1997, proposed a NT for *D. polymorpha* as species, a NT for var. *macrophylla*, and a LT (K) for var. *microphylla*. The lectotypification for var. *microphylla* is acceptable, but the neotypifications are incorrect since ST material for this species and its varieties is maintained in HAL (ICN Art. 9.19). Lectotypifications have to be based on original material/ST collections when present (ICN Art.9.2, 9.3, 9.5). Therefore, the proposed neotypification is superfluous, and a specimen (HAL0113845) deposited in Schlechtendal’s herbarium as “var. *macrophylla*” is

designated here as LT of the species, making “var. *macrophylla*” a synonym of the species, i.e. var. *polymorpha*.

Diodia polymorpha Cham. & Schltldl. var. ***macrophylla*** Cham. & Schltldl., *Linnaea* 3: 345. 1828 ≡ ***Diodia polymorpha*** var. ***polymorpha*** (see above).

Diodia polymorpha Cham. & Schltldl. var. ***microphylla*** Cham. & Schltldl., *Linnaea* 3: 345. 1828. {1} E Provincia Rio Janeiro proveniens, in apricis vedetur et forsitan in maritimis educta. {2} HAL0113842 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} K000002384 [LT]. {4} LT designated by Cabral, E.L. & Bacigalupo, N.M., *Ann. Missouri Bot. Gard.* 84: 862. 1997.

Diodia rigida Cham. & Schltldl. (nom. illeg.), *Linnaea* 3: 341. 1828. {4} According to Tropicos: nom. illeg. superfl., intended as a new combination based on *Spermacoce rigida* Kunth, but since the latter name is illegitimate, *Diodia rigida* Cham. & Schltldl. must be considered as a new species name, which is, however, also illegitimate according to ICN Art 52.1, since it definitely includes the type of *Spermacoce apiculata* Willd. ex Roem. & Schult., the epithet of which ought to have been adopted.

Dioscorea brachycarpa Schltldl., *Linnaea* 17: 609. 1844. {1} Habemus insuper specimen Dioscoreae fructiferae Septembri m. ad Reglam ab amiciss. C. Ehrenberg lectum, [...]. {2} HAL0062132 [ILT]: Ehrenberg, C.A. 541, 1835-09, Mexico, Hidalgo, prope Regla. {4} HAL0062132 was annotated as HT by O. V. Téllez (MEXU) & B.G. Schubert (HAL) 1990-04. Material deposit in B was cited as HT by Téllez, O.V., *Flora del Valle de Tehuacán-Cuicatlán. Fascículo 9, Dioscoreaceae R.Br.: 6.* 1996 [“holotipo, B”], but the cited material is not included in the database of B. If the cited specimen is preserved in B, the citation as HT would be correctable to LT according to ICN Art. 9.9, and HAL0062132 would be ILT.

Dioscorea convolvulacea Schltldl. & Cham., *Linnaea* 6: 49. 1831. {1} Prope Plan del rio. Jul. {2} HAL0062124 [ILT]: Schiede, C.J.W. 437 “992”, 1828-07, Mexico, prope Plan del Rio. {3} LE00006432 [ILT]. {4} Téllez, O.V., *Flora del Valle de Tehuacán-Cuicatlán. Fascículo 9, Dioscoreaceae R.Br.: 6.* 1996 cited material deposited in B as HT [“holotipo, B; isotipos, HAL!, LE!”], but the cited material is not included in the database of B. If the cited specimen is preserved in B, the citation as HT would be correctable to LT according to ICN Art. 9.9, and HAL0062124 would be ILT. Sosa, V., Schubert, B.G. & Gómez-Pompa, A., *Flora de Veracruz* 53: 12. 1987, only cited “isotypes in HAL, LE”.

Dioscorea deppei Schiede ex Schltldl., *Bot. Zeitung* 1: 890. 1843. {1} [...], welche ich in zahlreichen Exemplaren von meinem Freunde Schiede, als D. Deppii, bei der Hacienda de la Laguna im Juli und August gesammelt, [...]. {2} HAL0062137 [ST], HAL0107322 [ST], HAL0107325 [ST], HAL0107326 [ST], HAL0107327 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, in sylvis Hacienda de la Laguna. HAL0107323 [ST], HAL0107324 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, in sylvis Hacienda de la Laguna. {3} BR0000005850136; LE00006437; USCH0000022. {4} Type discussion in Geeta, R. & Téllez, O.V., *Revista Mex. Biodivers.* 78: 271. 2007.

Dioscorea grandifolia Schltldl., *Linnaea* 17: 602. 1844. {1} In sylvis inter Acatlan et Naulingo, Sept. {2} HAL0062134 [LT]: Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, in sylvis inter Acatlan et Naulingo. {3} BR0000006597054. {4} Material deposit in HAL was cited as HT by Téllez, O.V., *Flora del Valle de Tehuacán-Cuicatlán. Fascículo 9, Dioscoreaceae R.Br.: 6.* 1996 [“holotipo, HAL!, isotipo, K!”], which is correctable to LT according to ICN Art. 9.9. HAL0062133 and K000098981 [Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, in sylvis inter Acatlan et Chiconquiaco] have a location not agreeing with the protologue and are no types.

Dioscorea laxiflora Schltldl. (nom. illeg.), *Linnaea* 17: 606. 1844. {1} In Barranca septentrionem versus a balneis calidis ad Atotonilco el Grande (leg. Schiede). {2} HAL0062125 [LT], HAL0107328 [ILT]: Schiede, C.J.W. 617, s.d., Mexico, Veracruz-Llave, in Barranca septentrionem versus a balneis calidis ad Atotonilco el Grande. {4} Non Mart. ex Griseb. 1842. ≡ *Dioscorea remotiflora* Kunth (nom. nov.), *Enum. pl.* 5: 409. 1850; HAL0062125 was cited as HT by Rodríguez, R.R. & Téllez, O.V., *Anales Inst. Biol. Univ. Nac. Autón. México, Ser. Bot.* 63: 90.1992, which is correctable according to ICN Art. 9.9.

Dioscorea nana Schltldl. (nom. illeg.), *Linnaea* 18: 112. 1844. {1} In planitie Toluca reg frigidae imp. Mexcani leg. beatus Schiede. {2} HAL0062130 [HT]: Schiede, C.J.W. 650, s.d., Mexico, in planitie Toluca, reg. Frigida. {4} Non Poeppig 1833. HAL0062130 was annotated as HT by O.V. Téllez (MEXU) & B.G. Schubert (HAL) 1990-04, which is probably correct according to ICN Art. 9.1, Note 1.

Dioscorea pallens Schltldl., *Linnaea* 17: 610. 1844. {1} In Malpays de Naulino Sept. m. a Schiede lectum, [...]. {2} HAL0062131 [HT]: Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, Malpays de Naulingo. {4} HAL0062131 was cited as HT by Sosa, V., Schubert, B.G. & Gómez-Pompa, A., *Flora de Veracruz* 53: 32. 1987, which is probably correct according to ICN Art. 9.1, Note 1.

Dioscorea tenuiflora Schltldl., *Linnaea* 17: 608. 1844. {1} Locus natalis ignotus, b. Schiede inter plantas derelictas habuit fragmenta plantae femineae. {2} HAL0062123 [HT]: Schiede, C.J.W. s.n., s.d., Mexico,

locus natatis ignotus. {4} HAL0062123 was annotated as HT by O.V. Téllez (MEXU) & B.G. Schubert (HAL) 1990-04, which is probably correct according to ICN Art. 9.1, Note 1.

Diosma vulgaris Schltl., Linnaea 6: 200. 1831. {1} Tafel-, Teufels- und Löwenberge bis zur 4. Höhe, im District Caledon, auf den Sanddünen beim Cap Aguillas und am Brederivier u. s. w. {2} HAL0090919 [ST]: Bergius, K.H. s.n., 1815–1817, South Africa, Prom. bon. spei. {4} HAL0090919 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Dipterocalyx scaberrimus Schltl., Linnaea 26: 647. 1855. {1} In locis siccis ad Chacaito, alt. c. 4000', Novbr. (426). {2} Not at HAL: Wagener, H. 426, 18??-11, Venezuela, in locis siccis ad Chacaito, alt. c. 4000'.

Discocapnos Cham. & Schltl., Linnaea 1: 569. 1826.

Discocapnos mundtii Cham. & Schltl. (type species of the genus *Discocapnos* Cham. & Schltl.), Linnaea 1: 569. 1826. {1} In Promontorio bonae spei, in dunis planitiei Capensis Augusto mense fructifera nec non florifera est lecta a Mundtio at Maire. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Prom. bon. spei. {3} B100159922.

Ditaxis lancifolia Schltl., Linnaea 26: 635. 1855. {1} In fruticetis ad Curucuti, alt. 2000', Jan. (n. 320). {2} Not at HAL: Wagener, H. 320, 18??-01, Venezuela, Curucuti, alt. 2000'.

Diuris behrii Schltl., Linnaea 20: 572. 1847. {1} Bei Kowimanilla n. a. Orten, Sept. auf grasigen Plätzen. {2} Not at HAL: Behr, H.H. s.n., 1845-09, Australia, near Kowimanilla.

Dodecatheon frigidum Cham. & Schltl., Linnaea 1: 222. 1826. {1} Habitat frigidissima loca Sinus St. Laurentii, a nive diffluente irrigata. {2} HAL0098445 [ST]: Chamisso, L.C.A. von s.n., 1816, Russian Federation, Chukotskiy Avtonomnyy Okrug, Sinus St. Laurentii. {3} GH00073380; K000229635; MO-345783?; US00901503.

Dodonaea brasiliensis Schltl., Linnaea 18: 51. 1844. {1} *D. viscosa* Mart. Hb. Bras. n. 397 an Cambess. in St. Hil. fl. Bras.?: In arenosis prope Ilheos Brasiliae (Martius) ad Rio Janeiro (Gomez dedit Lindley). {2} HAL0034072 [ST], HAL0036819 [ST]: Martius, C.F.P. von, Herbarium florum brasiliensis 397, 1817–1820, Brazil, Bahia, in arenosis prope Ilheos. Not at HAL: Gomes, B.A. s.n., s.d., Brazil, Rio de Janeiro. {3} JE00000987; JE00000988; M0225513; M0225514.

Dodonaea ehrenbergii Schltl., Linnaea 18: 52. 1844. {1} Arbor fruticosa in planitiebus insulae S. Domingo a C. Ehrenbergio lecta. {2} HAL0036817 [LT]: Ehrenberg, C.A. 372, 1828, Dominican Republic, Antillen, S. Domingo. {3} NY00084054. {4} HAL0036817 was erroneously annotated as HT by H. Lippold (JE) 1974, with a corresponding publication in Lippold, H., Beiträge zur Phytotaxonomie 6: 97. 1978 ["S. Domingo, Ehrenberg 372, herb. Hal. 132 = Typus!"], which is correctable to LT according to ICN, Art. 9.9.

Dodonaea kohautiana Schltl., Linnaea 18: 52. 1844. {1} *Dod. viscosa* Sieber pl. Senegal. n. 54, an *D. viscosa* Guill. Perr. et Rich. Fl. de Seneg.? {2} HAL0036825 [ST]: Kohaut, F. & Schmidt, J., Flora Senegalensis (Sieber, F.W.) 54, 1822–1828, Senegal. {3} G00190476; G00190477; G00190478; JE00003784.

Dodonaea schiedeana Schltl., Linnaea 18: 49. 1844. {1} Fruticosam hanc speciem Martio fructiferam in rep. Mexicana leg. beat. Schiede. {2} HAL0034073 [ST]: Schiede, C.J.W. s.n., 1828-03, Mexico. {3} JE00000989.

Dolichos mexicanus Schltl., Linnaea 12: 329. 1838. {1} Phaseolea no. 1. Linn. l.c. n. 648. In dumetis Misantlae Mart. (Schiede). {2} HAL0075279 [AS]: Schiede, C.J.W. s.n. "653", 1829-02, Mexico, Veracruz-Llave, in dumetis Misantlae. HAL0136120 [ST]: Schiede, C.J.W. "648", 1829-03, Mexico, Veracruz-Llave, in dumetis Misantlae. Notes: Schlechtendal's citation of number "648" refers to "Linnaea 5: 586. 1830." HAL 0075279 ("653") is only authentic material, but HAL 0136120 can be considered as holotype material.

Dolichos rhynchosoides Schltl. (nom. illeg.), Linnaea 27: 531. 1856. {1} *Dolichos* sp. ex Nova Hollandia australi (Flindersland). Semia ab hortulano Joachimi accepit hortus Halensis. {2} Not at HAL: Anonymous collector s.n., s.d., Australia, Flindersland. {4} Non Desv. 1826.

Doratolepis Schltl., Linnaea 20: 593. 1847.

Doratolepis tetrachaeta Schltl. (type species of the genus *Doratolepis* Schltl.), Linnaea 20: 593. 1847. {1} An sandigen Stellen bei Bethanien, December. {2} Not at HAL: Behr, H.H. s.n., 1844-12, Australia, an sandigen Stellen bei Bethanien.

Draba henneana Schltl., Linnaea 10: 100. 1835. {1} Wir haben die Art zu Ehren ihres Entdeckers benannt. {2} Not at HAL: Henne s.n., s.d., Canada, Newfoundland, Labrador, Nain. {3} B100241502. {4} HAL0084109 [authentic material of Wenk, E.]; erroneously designated as HT by Hoffmann, M.H.,

Schlechtendalia 4: 36. 2000 [“Labrador Wenck”, Wenck has provided D.F.L. von Schlechtendal with the material collected by Henne in Labrador. The specimen has no ripe fruit as mentioned in the diagnosis. (holotype: HAL 84109).].

Draba hirta L. var. *siliquosa* Cham. & Schltld., Linnaea 1: 23. 1826. {1} Ex insuae Unalascchae montibus. {2} HAL0138425 [ST]: Chamisso, L.C.A. von s.n., 1817-06, USA, Unalascchka. HAL0138425 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Draba laevigata Cham. & Schltld. (nom. illeg.), Linnaea 1: 25. 1826. {1} In insula St. Laurentii junio 1817 et ad sinum St. Laurentii lecta. {2} HAL0084110 [HT]: Chamisso, L.C.A. von s.n., 1817-06, USA, Alaska, Insulis St. Laurentii. {4} Non Hoppe ex Koch 1823. HAL0084110 was annotated as HT by Hoffmann, M.H., Schlechtendalia 4: 36. 2000, which could be correct according to ICN Art. 9.1, Note 1, provided that the sample at HAL represents indeed a unique specimen.

Drosera hiliaris Cham. & Schltld., Linnaea 1: 548. 1826. {1} In Promontorio bonae spei prope Constantiam in vineis sterilem legit Bergius, florentem Mundt et Maire. {2} Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa, Prom. bon. spei prope Constantiam. Not at HAL: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Prom. bon. spei prope Constantiam.

Drymaria gracilis Schltld. & Cham., Linnaea 5: 232. 1830. {1} In paludosis prope Jalapam. Aug. {2} HAL0098420 [ST]: Deppe, F. s.n. “503”, 1827-08, Mexico, Veracruz-Llave, Jalapam. {3} GOET000578; LE00001739.

Drymaria grandiflora Schltld. (nom. illeg.), Linnaea 12: 205. 1838. {1} Not specified. {2} Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico. {4} Non Bartl. 1831.

Drymaria palustris Schltld. & Cham., Linnaea 5: 232. 1830. {1} In paludosis prope Jalapam. Aug. {2} Not at HAL: Schiede, C.J.W. s.n. “504”, 18??-08, Mexico, Veracruz-Llave, Jalapam. {3} LE00001732; LE00001733 [LT]. {4} LT designated by Duke, J.A., Ann. Missouri Bot. Gard. 48: 227. 1961.

Drymaria ramosissima Schltld., Linnaea 12: 206. 1838. {1} Species haec distinctissima prope urbem Mexico lecta est (Hegewisch, Mühlenpfordt). {2} HAL0098412 [ST]: Mühlenpfordt, F. & Hegewisch, E.F.A. s.n., s.d., Mexico. {3} CAS0002331; GOET according to Tropicos.

Drymaria villosa Schltld. & Cham., Linnaea 5: 232. 1830. {1} In aquis prope Jalapam. Aug. {2} Not at HAL: Schiede, C.J.W. s.n. “505”, 18??-08, Mexico, Veracruz-Llave, Jalapam. {3} KFTA0001145; LECB0000548(?); LE according to Tropicos.

E

Echeveria bifida Schltld., Linnaea 13: 411. 1839. {1} In Barranca post Reglam versus San Bartolo, ab Augusto ad Octobrem floret (C. Ehrenberg). {2} Not at HAL: Ehrenberg, C.A. s.n., 18??-08–10, Mexico, Hidalgo, between Regla and San Bartolo.

Echeveria mucronata Schltld., Linnaea 13: 411. 1839. {1} Mineral del Monte, Omitlan, Cuesta blanca. Fl. ab Sept. ad Oct. (C. Ehrenberg). {2} Not at HAL: Ehrenberg, C.A. s.n., 18??-09–10, Mexico, Mineral del Monte, Omitlan, Cuesta blanca. {4} Walther, E., Echeveria i–ix: 376. California Academy of Sciences, San Francisco. 1972. (posthum) [“Type: Ehrenberg, 294, Mineral del Monte, Omitlan, Cuesta Blanca, Hidalgo, Mexico; could not be located at HAL in 1959. NT: Hort. Hal., plate 10, 1841.”]: Hort. hal. 3: 19, pl. 10. 1853.

Echeveria pubescens Schltld., Linnaea 13: 411. 1839. {1} Mineral del Monte, Regla, Mexico (C. Ehrenberg). {2} Not at HAL: Ehrenberg, C.A. s.n., 1831–1840, Mexico, Mineral del Monte, Regla. {4} Cf. Hort. hal. 3: 17, pl. 9. 1853.

Echeveria racemosa Schltld. & Cham., Linnaea 5: 554. 1830. {1} Jalapae ad muros, Aug. {2} Not at HAL: Schiede, C.J.W. s.n., 18??-08, Mexico, Jalapae ad muros.

Echites bignoniiflorus Schltld., Linnaea 26: 372. 1854. {1} Specimen habemus unicum a clar. Schaffnero lectum, nec. fructiferum. {2} Not at HAL: Schaffner, J.W. 4, s.d., Mexico. {3} G00169792 [LT], S; W 0049061 [ILT]. {4} LT designated by Leeuwenberg, A.J.M., Rev. Tabernaemontana 2: 415. 1994 [“LT: G; ILT: S, W”].

Echites chloranthus Schltld., Linnaea 26: 663. 1854. {1} In fruticetis prope Maiquetia, alt. c. 1000', Nov. (156). {2} Not at HAL: Wagener, H. 156, Nov. (1848–1850), Venezuela, prope Maiquetia, alt. c. 1000'.

Echites ehrenbergii Schltld., Linnaea 26: 666. 1854. {1} (*biflora* C. Ehrenberg in sched.). In S. Domingo insula as mare arbores obducens, floribus rubentibus. {2} HAL0083854 [HT]: Ehrenberg, C.A. s.n., 1828, Dominican Republic, San Domingo. {4} HAL0083854 was cited as HT by Kesting, S. & Hoffmann, M.H., Schlechtendalia 5: 11. 2000, which is probably correct according to ICN Art. 9.1, Note 1. The

neotypification proposed by Morales-Quirós, J.F., J. Bot. Res. Inst. Texas. 3: 548. 2009, is superfluous according to ICN Art. 9.19.

Eichhornia crassicaulis Schltld. (nom. illeg. superfl.), Abh. Naturf. Ges. Halle 6: 177. 1862. {4} Nom. nov.; nom. illeg. superfl. according to ICN Art. 52.1, Schlechtendal (l.c.) cited Martius (“*E. crassicaulis* Mart. sub *Pontederia*”) as orthographic error of *Pontederia crassipes* Mart., Nov. Gen. Sp. Pl. 1: 9, pl. 4. 1823.

Elaeagnus alingaro Schltld. (nom. nov.), Prodr. 14: 615. 1857. {1} In Ins. Manila, satis communis ad Puebla de S. Jose et ad margines viarum. *E. angustifolia* Blanco Flora d. Filipinas, p. 74. {4} = *Elaeagnus angustifolia* Blanco (nom. illeg., non L.), Fl. Filip.: 74. 1837.

Elaeagnus arborea Roxb. var. *dendroides* Schltld., Prodr. 14: 612. 1857. {1} *Elaeagnus arborea* Lindl. in sched. (herb. propr.) *Elaeagnus* in Khasyae montibus lect. a b. Griffithio n 128 (Lindley in h. Berol.). {2} HAL0098200 [ST]: Anonymous collector s.n., s.d., s.l., ex herb. Schlechtendal [as *Elaeagnus arborea* Lindley det.]. {2} Not at HAL: Griffith, W. 128, s.d., India, Khasyān. {4} = *Elaeagnus dendroidea* (Schltld.) Schltld., Linnaea 30: 362. 1859.

Elaeagnus cumingii Schltld., Prodr. 14: 613. 1857. {1} In insulis Philippinis (Cuming! n. 460, herb. DC.). {2} Not at HAL: Cuming, H. 460, s.d., Philippines. {3} BM000956271; G00145181 [HT]; K000854697; L0010131; L0010132; M0146059. {4} G00145181 can be considered the HT since this specimen (deposited in herb. DC.) was explicitly cited by Schlechtendal as base for his description (ICN Art.9.1, Note 1).

Elaeagnus gaudichaudiana Schltld., Prodr. 14: 612. 1857. {1} In Cochinchina (Gaudichaud h. DC.!). {2} HAL0098201 [ST, fragment]: Anonymous collector s.n., s.d., s.l. Not at HAL: Gaudichaud, C. 280, 1837-01, Vietnam, Cochinchine, Port de Tourane. Not at HAL: Gaudichaud-Beaupré, C. s.n., 1839, Vietnam, Cochinchine. {3} G00131681 [HT]; K000854700; L0010085; P00756187; P00756188; P00756190. {4} G00131681 can be considered the HT since this specimen (deposited in herb. DC.) was explicitly cited by Schlechtendal as base for his description (ICN Art.9.1, Note 1).

Elaeagnus hortensis M.Bieb. var. *songarica* Bernh. ex Schltld., Prodr. 14: 609. 1857. {1} Bernhardi in sched., *E. angustifolia songarica* Fisch in sched.; ex Sibiria songarica orta in Hortis botanicis colitur, frigris satis patiens. {2} Not at HAL: Fischer, F.E.L. s.n., 1828, China, Songaria. Not at HAL: Fischer, F.E.L. s.n., 1851, China, Songaria. {3} G00131739; G00131741; G00131755.

Elaeagnus kologa Schltld., Prodr. 14: 611. 1857. {1} In montibus Neigherry dictis Indiae orient. (Leschenault, Perrottet, Metz). *E. latifolia* Wight ic. t. 1856! *E. latifolia* forma Miquel in plant. ex. Hohenack. Nilagir. n. 976! {2} HAL0098202 [ST]: Leschenault de la Tour, J.B.L.T s.n., s.d., India, Kologa. HAL0135042 [ST]: Metz, J.F., Plantae Indiae orientalis (Mont. Nilagiri) Ed. R.F. Hohenacker 976, 1851, India, in montibus Nilagiri. Not at HAL: Perrottet, S. s.n., 1840, India, in Neelgherries. {3} G00131734; G00131735; G00131749; M0146056; M0146057.

Elaeagnus moorcroftii Wall. ex Schltld., Prodr. 14: 610. 1857. {1} Ad Luddak (Moorcroft!). {2} Not at HAL: Moorcroft, W. 4031 (Wall. List. 4031), India, Luddak. {3} G00131753.

Elaeagnus oxycarpa Schltld., Linnaea 30: 344. 1859. {1} *El. hortensis* M.B. δ *spinosa* Fl. Taur. Cauc. Karelin et Kirilov En. pl. in desert. Songoriae orient. a 1841 lect. p. 176 n. 743. ad Lepsa et Ajagus fluvios in locis subsalsis Songoriae lecta. {2} Not at HAL: Karelin, G.S. 1939, 1841, Russia, in locis subsalsis Sangoriae ad fl. Lepsa et Ajagus. {3} P00756196; P00756198.

Elaeagnus perrottetii Schltld., Prodr. 14: 613. 1857. {1} In Manila insula (Perrottet, h. DC.!). {2} Not at HAL: Perrottet, S. s.n., s.d., Philippines, Manila. {3} G00131776 [HT]. {4} G00131776 can be considered the HT since this specimen (deposited in herb. DC.) was explicitly cited by Schlechtendal as base for his description (ICN Art.9.1, Note 1).

Elaeagnus thwaitesii Schltld., Prodr. 14: 611. 1857. {1} In insula Ceylan (Thwaites, n. 2724, in h. DC.). {2} Not at HAL: Thwaites, G.H.K. 2724, s.d., Sri Lanka, Ceylan. {3} G00131738 [HT]; P00756214. {4} G00131681 can be considered the HT since this specimen (deposited in herb. DC.) was explicitly cited by Schlechtendal as base for his description (ICN Art.9.1, Note 1).

Elaeagnus wallichiana Schltld., Prodr. 14: 612. 1857. {1} In regno Birmariorum ad Toong-dong leg. Wallich! *E. macrophylla* Wall. cat. it. Burm. n. 812! (non Thunb.), ex loco natali quoque *E. latifolia* D? Wall. cat. n. 4028, e Toong-dong. {2} HAL0098203 [ST]: Wallich, N. 812, 1826-11-25, Myanmar, Birma, Toong-dong. Not at HAL: Wallich, N. 4028, s.d., Myanmar, Birma, Toong-dong. {3} G00131746.

Elaphrium bicolor Willd. ex Schltld., Linnaea 17: 625. 1843. {1} Sub *Amyride* in Hb. W. n 7277, specim. Humboldt. c. schedula adjacente; “4340. *Amyris*.”; in regione Real de Huantla as S. Francisco Jetecala aloosque terrae Mexicanae calidioris locis Junio florentia specimina leg. amiciss. Dr. Schiede,

Aug. et Septembri fructifera. {2} HAL0095928 [ST], HAL0107610 [ST]: Schiede, C.J.W. s.n., 1835-08, Mexico; Real de Huautla. HAL0095927 [ST], HAL0107609 [ST]: Schiede, C.J.W. s.n., 1835, Mexico, in regione calida. Not at HAL: Bonpland, A.J.A. & Humboldt, F.W.H.A. von 4340, s.d., Mexico. {3} B-W07277.

Elaphrium cuneatum Schldtl., Linnaea 17: 629. 1843. {1} Prope Zamalitzlahuaca Aug. et Sept. fructifera specimina leg. Dr. Schiede, florentiaque ad Iguala Jun. m., schedulae inscripsit. {2} HAL0095929 [ST]: Schiede, C.J.W. s.n., 1834-08, Mexico, prope Zamalitzlahuacu. Not at HAL: Schiede, C.J.W. s.n., 18??-06, Mexico, Iguala. {4} HAL0095929 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Elaphrium grandifolium Schldtl., Linnaea 17: 249. 1843. {1} In regione calida Nov. fruct. legit Dr. Schiede et haec adnotavit: [...]. {2} HAL0095936 [ST]: Schiede, C.J.W. 1020, 1835-11, Mexico, in regione calida. {4} HAL0095936 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Elaphrium lancifolium Schldtl., Linnaea 17: 247. 1843. {1} In regione calida leg. Dr. Schiede Novembri et Septembri mensibus specimina fructifera. {2} HAL0095937 [ST]: Schiede, C.J.W. 998, 1835-09, Mexico, in regione calida. HAL0095938 [ST]: Schiede, C.J.W. 1021, 1835-11, Mexico, in regione calida.

Elaphrium ovalifolium Schldtl., Linnaea 17: 248. 1843. {1} Nonnisi fragmenta suppetunt, nec locus natalis arboris notus est, quam amiciss. Schiede legit. {2} HAL0095939 [ST]: Schiede, C.J.W. s.n., 18??, Mexico. {4} HAL0095939 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Elaphrium pubescens Schldtl., Linnaea 16: 527. 1842. {1} *Amyris pubescens* Hb. Willd. n. 7283. E. Campeche. {2} Not at HAL: Bonpland, A.J.A. & Humboldt, F.W.H.A. von s.n., s.d., Mexico, Campeche. {3} B-W07283-01 (as *Amyris pubescens*) [probably HT material].

Elaphrium simplicifolium Schldtl., Linnaea 16: 532. 1842. {1} In regione calida Nov. m. fructiferum leg. Schiede loco non indicato. {2} HAL0095940 [lectotype, **designated here**]: Schiede, C.J.W. 1022, 1835-11, Mexico, in regione calida. {4} = *Bursera schlechtendalii* Engl. (nom. nov.), Monogr. Phan. 4: 41. 1883. [blocking *Bursera simplicifolia* DC.] In Engler (l.c.) “Schiede, n. 1022 in herb. univ. Halensis” was cited, but only as “type” without specification, and hence not correctable to LT. Therefore, we prefer to follow H.G.A. Engler’s treatment and intention and designate here the HAL collection formally as LT.

Elaterium ribiflorum Schldtl., Linnaea 7: 388. 1832. {1} Prope la Hacienda de la Laguna, Aug. {2} HAL0140670 [ST]: Schiede, C.J.W. s.n. “52”, 18??-08, Mexico, prope la Hacienda de la Laguna. {3} MO-159793; NY00172419; P according to Tropicos.

Elaterium trilobatum Schldtl., Linnaea 26: 639. 1855. {1} Perennis scandens flor. albe, 15'. locis humidis prope Maiquetia, Decbr. (236). {2} Not at HAL: Wagener, H. 236, Dec. (1848–1850), Venezuela, Maiquetia. {4} F0BN009055 (photo in F) (Schiede, C.J.W. 236, s.d.) is no type material.

Elkania multinervis Schldtl. (pro syn.), pro syn. *Pouzolzia cymosa* Wight in Prodr. 16: 227. 1869. {1} Ad rivulos, in montibus Nilghiri peninsulae Indiae orientalis (Wight, caet.). {2} HAL0111198 [AS]: Metz, J.F., Pl. Ind. or. (M. Nilagiri) Hohenack. 1851 1046, s.d., India, in montibus Nilagiri.

Epilobium mexicanum Schldtl. (nom. illeg.), Linnaea 12: 266. 1838. {1} Mineral del Monte ad rivulum pr. San Pedro et San Pablo (C. Ehrenberg), alio loco (Hegewisch). {2} HAL0043275 [ST]: Ehrenberg, C.A. 428, 1835, Mexico, Hidalgo, Mineral del Monte ad rivulum prope San Pedro et San Pablo. Not at HAL: Hegewisch, E.F.A. s.n., s.d., Mexico, Hidalgo, Mineral del Monte ad rivulum prope San Pedro et San Pablo. {4} Non 1828-09.

Epilobium repens Schldtl., Linnaea 12: 267. 1838. {1} Ad radices Montis Orizaba ad aquaeductum pr. il Palinque Sept. 28. (Schiede). {2} HAL0003867 [lectotype, **designated here**]: Schiede, C.J.W. 535, 1828-09, Mexico, Veracruz-Llave, ad radices montis Orizabae ad aquaeductum prope el Palinque. {3} LE according to Tropicos. {4} HAL0003867 was annotated on the label as HT by P.C. Hoch (MO) 1980, but without corresponding formal publication (P.C. Hoch, pers. comm.), and thus not correctable to LT according to ICN Art. 9.9. Therefore, HAL0003867 is designated here by P.C. Hoch as LT.

Equisetum myriochaetum Schldtl. & Cham., Linnaea 5: 623. 1830. {1} In sylvaticis humidis Misantlae. Febr. {2} HAL0081867 [ST], HAL0107299 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “833”, 1829-02, Mexico, in sylvaticis humidis Misantlae. {3} B200124476-A.

Eragrostis megastachya (Koeler) Link var. *verrucosa* Schldtl., Linnaea 27: 477. 1856. {1} E seminibus plantarum montis Taurus Asiae minoris in horto bot. Halensi educta. {2} Not at HAL: cult. in bot. Halensi.

Eragrostis pilosa (L.) P. Beauv. var. *nutans* Schldtl., Linnaea 27: 478. 1856. {1} Plantas hortenses Halae Saxonum. {2} Not at HAL: cult. in bot. Halensi.

Eranthemum leuconeurum Schltld., Linnaea 27: 500. 1856. {1} Kegelius noster in hortis Belgicis ante sex circiter annos primum advenam vidit [...] auctorem igitur hortulanum quemdam fuisse suspicamus, vel hortum Petropolitanum, cujus sub auctoritate in catalogo Bosscano inscriptum est. {2} Not at HAL: Riedel, L. s.n., s.d., Brazil, prope Rio de Janeiro. [ex herbario horti Petropolitani]. Not at HAL: Kegel s.n., s.d., cult. in hortis Belgicis. {3} K000534349; W1889-0130552.

Erigeron solidaginoides Schltld., Linnaea 25: 213. 1852. {1} E seminibus Columbicis ex horto sicco desumptis plura enata sunt specimina, quae in olla sud diu culta exeunte acstste aliaque Octobri mense florere seminaque matura dederunt. {2} Not at HAL: Columbia, cult.

Erigeron trifidus Schltld. (nom. illeg.), Linnaea 27: 518. 1856. {1} E seminibus Columbicis enatus est et in olla cultus. {2} Not at HAL: Columbia, cult. {4} Non Hook. 1834.

Erodium nilagiricum Schltld. (in herb.). {2} HAL0111358 [AS], HAL0119040 [AS]: Metz, J.F., Pl. Ind. or. (M. Nilagiri) Hohenack. 1560, s.d., India, in montibus Nilagiri. {3} FI006230; FR0031266; HBG517237; MPU018455. {4} Cited in Hooker, J.D., Fl. Brit. Ind. 1: 435. 1874, as doubtful or excluded species.

Eryngium canaliculatum Cham. & Schltld., Linnaea 1: 338. 1826. {1} Provenit in Brasiliae interioribus regionibus. Sellow legit. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasiliae interioribus. {3} BM000617151; F0BN003434 (photo in F).

Eryngium ciliatum Cham. & Schltld., Linnaea 1: 349. 1826. {1} Crescit in campis provinciae Cisplatinae et Rio grande do Sul Brasiliae meridionalis. Floret Septembre. Sellow legit. {2} HAL0025176 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} K000529733; K000529734; LE00007568. {4} BR0000005624515 and M0172561 have “Montevideo” as location.

Eryngium depeanum Cham. & Schltld., Linnaea 5: 207. 1830. {1} Serro colorado. Aug. {2} HAL0025194 [lectotype, **designated here**], HAL0107380 [ILT]: Schiede, C.J.W. & Deppe, F. 353 “413”, 1828-08, Mexico, Serro colorado. {3} LE00007569. {4} HAL0025194 was erroneously annotated as HT by M.E. Mathias (CAVA) & L. Constance (CAVA) 1969–1970, but a corresponding publication has not been found. Mathias, M.E. & Constance, L., The Amer. Midland Naturalist 25(2): 373. 1941, only cited “Type Specimen – Deppe, Serro Colorado.” but without citation of any herbarium. Stolle, J., Schlechtendalia: 10: 8. 2003 listed this specimen as HT as well, which is, however, not correctable to LT according to ICN Art. 9.9, since the requirements of Art. 7.10 have not been fulfilled. Therefore, HAL0107380 is designated as LT herein.

Eryngium elegans Cham. & Schltld., Linnaea 1: 348. 1826. {1} Provenit in Brasiliae meridionalis provinciis Montevideo et Rio grande do Sul. Sellow legit. {2} HAL0025177 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Rio Grande do Sul, Brasilia meridionalis prov. Montevideo et Rio Grande do Sul. {3} K000529720; K000529721; K000529908; M according to Tropicos.

Eryngium eriophorum Cham. & Schltld., Linnaea 1: 342. 1826. {1} In provinciis Cisplatina scilicet et Rio grande do Sul imperii Brasiliensis frequenter lectum a Sellowio. {2} HAL0025178 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} K000529828; K000529829; LE00007571; M0172549.

Eryngium floribundum Cham. & Schltld., Linnaea 1: 345. 1826. {1} Crescit in Brasilia meridionali. Sellow legit. {2} HAL0025180 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. HAL0025180 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Eryngium junceum Cham. & Schltld., Linnaea 1: 341. 1826. {1} In Brasiliae calidioris legit regionibus Sellow. {2} HAL0025181 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoct. {3} K000529831.

Eryngium luzulifolium Cham. & Schltld., Linnaea 1: 340. 1826. {1} In Brasilia meridionali legit Sellow duoque transmisit specimina. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis.

Eryngium pandanifolium Cham. & Schltld., Linnaea 1: 336. 1826. {1} Brazil, Brasiliae meridionalis, prov. Cisplatina. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasiliae meridionalis, prov. Cisplatina. {3} K000529849; K000529850.

Eryngium pristis Cham. & Schltld., Linnaea 1: 337. 1826. {1} Brazil, Rio Grande do Sul, Brasilia meridionalis Rio Grande do Sul. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Rio Grande do Sul, Brasilia meridionalis Rio Grande do Sul. {3} G00367645; K000529836; K000529837.

Eryngium sanguisorba Cham. & Schltld., Linnaea 1: 339. 1826. {1} Crescit in Brasiliae meridionalis provincia Rio grande do Sul. Sellow misit. {2} HAL0025186 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis Rio Grande do Sul. {3} BM000617153; K000529729; P00834389.

Eryngium schiedeanum Schltld. & Cham., Linnaea 5: 206. 1830. {1} In graminosis prope Jalapam. Aug. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. s.n. “412”, 18??-08, Mexico, in graminosis prope Jalapam.

{3} G00367551; GOET011335; KFTA 0001774; LE00007586; LE00007587; M0172510; MO-142685; NY00405916; P00834378; P00834379; W according to Tropicos.

Eryngium serra Cham. & Schltld., Linnaea 1: 346. 1826. {1} In Brasiliae meridionalis provincia Cisplatina prope Montevideo. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis, prov. Cisplatina prope Montevideo. {3} K000529912.

Eryngium uncinatum Cham. & Schltld., Linnaea 1: 347. 1826. {1} In Brasilia meridionali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} K000529718; K000529719.

Erythraea divaricata W. Schaffn. ex Schltld., Bot. Zeitung 13: 920. 1855. {1} In regno Mexicano ad Huatusco leg. Schaffner. {2} HAL0034834 [HT]: Schaffner, J.W. 81, s.d., Mexico, Veracruz-Llave, ad Huatusco. {4} Cited by Broome, C.R., Brittonia 28: 416. 1976, as HT, which is probably correct according to ICN Art. 9.1, Note 1.

Escallonia chlorophylla Cham. & Schltld., Linnaea 1: 542. 1826. {1} In Brasilia meridionali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} B100248103; P00709541.

Escallonia floribundus Kunth var. *montevidensis* Cham. & Schltld., Linnaea 1: 543. 1826. {1} Hunc in Brasiliae meridionalis provinciis Montevideo et Rio grande do Sul vulgarem fruticem. {2} HAL0098446 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} B100248104 [LT]; B100248105; B100248106; BR0000005792832; BR0000008734402; F0066595F; F0066596F; HBG515571; HBG515572; L0035014; L0035015; LECB0001582; LE00001939; LE00001940; M0094931; MPU021144; NY00185869; UC493081; W0059775; W0059776; W0059777; W0059774. {4} ≡ *Escallonia bifida* Link & Otto (nom. nov.), Icon. Pl. Rar.1: 45–46, tab. 23. 1828. LT designated by Sleumer, H.O., Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Tweede Sect. 58: 103. 1968.

Escallonia resinosa Pers. var. *dodonaefolia* Cham. & Schltld., Linnaea 1: 545. 1826. {1} In fruticetis ad fluviorum ripas ex. gr. ad fluvium Rio negro prope Bagé in Provincia Rio grande do Sul Brasiliae meridionalis legit. Sellow. Floret Novembri, Januario fructifera. {2} HAL0098651 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} B100248028 [LT]; F0066592F; FI010800; K000470632; L0035027; LE00001957; LECB0001583. {4} LT designated by Sleumer, H.O., Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Tweede Sect. 58: 92. 1968. The LT of *Escallonia resinosa* var. *dodonaefolia* Cham. & Schltld. is also the NT for *Escallonia megapotamica* Spreng., Syst. Veg. 4 (Cur. Post.): 94. 1827, designated by Sleumer (l.c.)

Escallonia resinosa Pers. var. *spiraefolia* Cham. & Schltld., Linnaea 1: 545. 1826. {1} In fruticetis ad fluviorum ripas ex. gr. ad fluvium Rio negro prope Bagé in Provincia Rio grande do Sul Brasiliae meridionalis legit. Sellow. Floret Novembri, Januario fructifera. {2} HAL0098650 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} B100248025 [LT]; B100248027; BR0000008700452; BR0000008700971; G00388623; G00388624; K000470623; K000470624; K000470625; K000470627; K000470628; LE00001958; MPU021142; UC492939. {4} LT designated by Sleumer, H.O., Verh. Kon. Ned. Akad. Wetensch., Afd. Natuurk., Tweede Sect. 58: 94. 1968.

Escobedia laevis Schltld. & Cham., Linnaea 5: 108. 1830. {1} In dumetis apricis prope la Hacienda de la Laguna. Oct. {2} HAL0098534 [ST]: Schiede, C.J.W. s.n. “181”, 1828–10, Mexico, Veracruz-Llave, in dumetis apricis prope Hacienda de la Laguna. {3} MO-155207; NY00068343.

Escobedia linearis Schltld., Linnaea 8: 246. 1833. {1} Azafran Jalapensium. In graminosis ad Hacienda de la Laguna. Julio. {2} HAL0097783 [ST], HAL0098837 [ST], HAL0107360 [ST]: Schiede, C.J.W. s.n., 1829–07, Mexico, Veracruz-Llave, in graminosis prope Hacienda de la Laguna. {3} BM001010288; BR0000005621019; F0BN012369 (photo in F); GH00078299; MO-155207.

Esenbeckia choisyoides Schltld., Linnaea 27: 529. 1856. {1} *Choisya ternata* h. Berol., *Hoiglea ternata* h. V. Houtte. {2} HAL0098375 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1327”, 1828–10, Mexico, Veracruz-Llave, Jalacingo. HAL0098595 [ST], HAL0107611 [ST]: Clavel 711, 1831–05, Mexico, frequentissima colitur hortis pagi S. Angel. Notes: The number “1327” is only written on the label and refers to the numeration in Schlechtendal’s Linnaea publication, i.e. it is not a Schiede number.

Eucalyptus fabrorum Schltld., Linnaea 20: 656. 1847. {1} [...] an felsigen Stellen in den höheren Bergenden. März. {2} HAL0089676 [HT]: Behr, H.H. s.n. “177”, 1845–03, Australia, South Australia, Montes Barossae. {4} HAL0089676 is probably HT according to ICN Art. 9.1, Note 1.

Eucalyptus rostrata Schltld. (nom. illeg.), Linnaea 20: 655. 1847. {1} An den Ufern der Bäche und Flüsse. {2} HAL0089675 [HT]: Behr, H.H. s.n. “176”, 1845–03–16, Australia, South Australia, Montibus Barossae. {4} Non Cav. 1797; ≡ *Eucalyptus longirostris* F.Muell. ex Miq. (nom. nov.), Ned. Kruidk. Arch. 4: 125. 1856. HAL0089675 is probably HT according to ICN Art. 9.1, Note 1.

Eugenia buxifolia Willd. var. *parviflora* Schltld., Linnaea 5: 199. 1830. {1} Specimina, quae ex insula Sti. Thomae accepimus numerosa, in eo differunt a Swartzianis, [...]. {2} HAL0064824 [ST], HAL0064825 [ST]: Ehrenberg, C.A. s.n., 1826–1828, United States Virgin Islands, St. Thomas.

Eugenia macrocarpa Schltld. & Cham., Linnaea 5: 560. 1830. {1} Arbor in sylvis prope Jalapam. Aug. {2} HAL0081698 [lectotype, **designated here**]: Schiede, C.J.W. s.n. “544”, 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam. {3} BR0000005261024; E00285743. {4} In Tropicos wrongly cited as nom. illeg. (non Roxb. 1820) [this publication ends at page 493, but Roxburgh’s name appeared in the edition of 1832 (see Stafleu)]. Hence, Schlechtendal’s description in Linnaea 5: 560. 1830 is validly published [= *Eugenia mexicana* Steud. (nom. nov.; nom. illeg. superfl.), Nomencl. Bot. (ed. 2) 1: 603. 1840]. HAL0081698 was erroneously annotated as HT by F.R. Barrie (MO) 2004–10. A corresponding publication has not been found and was, if it exists, undoubtedly not published before 2001. Therefore, we follow Barrie’s intention and designate HAL0081698 as LT.

Eugenia schiedeana Schltld., Linnaea 13: 418. 1839. {1} *Eugenia!* spec. Linn. l.c. n. 545. In sylvis pr. Jalapam Aug. et in reg. calidissima inter Veracruz et Sta. Fè. Jul. flor. (Schiede). {2} HAL0079363 [ST], HAL0076370 [ST]: Schiede, C.J.W. 509 “545”, 1828-08, Mexico, Veracruz-Llave, prope Jalapam. HAL0081700 [ST]: Schiede, C.J.W. 571 “545”, 1828-07, Mexico, Veracruz-Llave, inter Veracruz et Santa Fè. Notes: Schlechtendal’s citation of “545” refers to Linnaea 5: 560. 1830.

Euphorbia campestris Schltld. & Cham. (nom. illeg.), Linnaea 5: 84. 1830. {1} In pascuis prope Veracruz. Julio. {2} HAL0071081 [ST]: Schiede, C.J.W. 384 “56”, 1828-09, Mexico, Puebla, in planitie inter Tlachichuca et Tepetitlan. {3} MO-188457. {4} Non S. Geuns 1788; = *Tithymalus campester* Klotzsch & Garcke (nom. nov.), Abh. Königl. Akad. Wiss. Berlin 1859: 86. 1860.

Euphorbia lancifolia Schltld., Linnaea 7: 143. 1832. {1} In sylvis umbrosis Misantlae. Mart. {2} HAL0043178 [ST]: Schiede, C.J.W. s.n. “36”, 1829-03, Mexico, Veracruz-Llave, in sylvis umbrosis Misantlae. {3} F0056458F; F0BN018056 (photo in F); MO-188885; P00606966.

Euphorbia scotatum Schltld., Linnaea 19: 250. 1846. {1} No. 161 temperirtes Mexico, Leibold. {2} Not at HAL: Leibold, F.E. 161, 1839–1844, Mexico.

Euphorbia venenata Schltld. (pro. syn.), pro syn. *Euphorbia scotatum* Schltld. in Linnaea 19: 250. 1846. *Euryanthe* Schltld. & Cham., Linnaea 5: 224. 1830.

Euryanthe schiedeana Schltld. & Cham. (type species of the genus *Euryanthe* Schltld. & Cham.), Linnaea 5: 225. 1830. {1} Inter Marantial et Paso de Ovejas. {2} HAL0052793 [ST]: Schiede, C.J.W. 179 “469”, 1828, Mexico, Veracruz-Llave, inter Marantial et Paso de Ovejas. {4} HAL0052793 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Eutaxia empetrifolia Schltld., Linnaea 20: 667. 1847. {1} In trocken, sandigen Orten bei Bethanien. November. {2} HAL0052292 [ST]: Behr, H.H. s.n. “193”, 1844-11, Australia, South Australia, an trocken sandigen Orten bei Bethanien. {3} G00365297. {4} HAL0052292 was erroneously annotated as HT by M.D. Crisp (CANB) 1982-07-16, but a corresponding publication has not been found [homepage of Crisp: http://biology-assets.anu.edu.au/hosted_sites/Crisp/index.html]. If a corresponding publication by M.D. Crisp can be found, HT would be correctable to LT according to ICN Art. 9.9.

Evolvulus albiflorus Schltld. (nom. illeg.), Linnaea 26: 654. 1855. {1} Suffruticosus pedalis flore alba, in fruticetis ad Curucuti, alt. 2000’, Jan. {2} Not at HAL: Wagener, H. 325, Jan. (1848–1850), Columbia. {4} Non M.Martens & Galeotti 1845.

Evolvulus cardiophyllus Schltld., Linnaea 26: 653. 1855. {1} Planta pedalis repens, flore coeruleo pr. Maiquetia usque ad alt. 1000’. Nov. {2} Not at HAL: Wagener, H. 26, Nov. (1848–1850), Columbia.

Excoecaria riparia Schltld., Linnaea 7: 386. 1832. {1} Frutex monoicus ad ripas rivulorum pr. Zoncuanntla et Jalapa. Majo, Junio. {2} HAL0098100 [ST]: Schiede, C.J.W. s.n., 1829-06, Mexico, Veracruz-Llave, frutex monoicus ad ripas rivulorum prope Zoncuanntla et Jalapa. {3} BR0000006998646; GH00047997; MO-194014; MO-194015; NY00263396; P00716762; P00716763; W1889-0323166.

Exocarpos dasystachys Schltld., Linnaea 20: 580. 1847. {1} Am Ufer des Murray. Mai. {2} HAL0091221 [ST]: Behr, H.H. s.n. “48”, 1845-05, Australia, Südastralien, am Ufer des Murray. {3} MEL1525; MEL1677.

Exostema formosum Cham. & Schltld. (nom. nud.), Linnaea 4: 179. 1829. {1} Utramque formam in Brasilia intratropica legit Sellowius. {2} HAL0097787 (lectotype, **designated here**): Sellow, F. s.n., 1814–1831, Brazil, Brasilia intratropica [= var. (b) *laeve*, see notes under {4}]. {3} L0057646. {4} Nom. nud. according to ICN Art. 38.1; = *Exostema formosum* Cham. & Schltld. ex DC., Prodr. 4: 361. 1830. *E. formosum* Cham. & Schltld. ex DC. encompassed two varieties, var. (a) *leprosum* Cham. & Schltld. ex DC. and var. (b) *laeve* Cham. & Schltld. ex DC. Klotzsch in Hayne (Getreue Darstell. Gew. 14(2): sub t. 15. 1846) introduced the combination *Rustia formosa* (Cham. & Schltld. ex DC.) Klotzsch, confined to

var. (b) *laeve*, and proposed the name *Rustia sellowiana* Klotzsch, based on var. (a) *leprosum*, which constituted an indirect lectotypification, or to put it another way, the original material for the latter variety represents type material for *E. formosum*. Delprete (Delprete, P.G., Fl. Neotrop. 77: 85. 1999) emphasized that he was not able to trace this material and designed a collection deposited at NY as NT. However, this neotypification was superfluous since the original specimens for var. (a) *leprosum* (HAL0097786) as well as var. (b) *laeve* (HAL0097787) are preserved (Art. 9.19). Therefore, we propose to designate HAL0097787 as LT of *E. formosum*.

Exostema formosum Cham. & Schldtl. var. *leprosum* Cham. & Schldtl. (nom. inval.), Linnaea 4: 179. 1829. {1} Ultramque formam in Brasilia intratropica legit Sellowius. {2} HAL0097786 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia intratropica. {4} Nom. inval., Art. 35.1; = *Exostema formosum* Cham. & Schldtl. ex DC. var. *leprosum* Cham. & Schldtl. ex DC., Prodr. 4: 361. 1830; = *Rustia sellowiana* Klotzsch (nom. nov.), in Hayne Getreue Darstell. Gew. 14(2): sub t. 15. 1846. HAL0097786 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

F

Fagonia mayana Schldtl., Bot. Zeitung 9: 844. 1851. {1} Auf den steilsten Bergen der Insel Mayo. {2} Not at HAL: Pabst, C. s.n., s.d., Ilhas de Sotavento (Kapverdische Inseln), Maio.

Faramea linodon Klotzsch ex Schldtl., Linnaea 14: 293. 1840. {1} Locis humidis et umbrosis pr. Bahiam, Decbr. {2} HAL0113134 [ST]: Luschnath, B., Coll. pl. Bahiensis s.n. “103”, 18??-12, Brazil, locis humidis et umbrosis pr. Bahiam. {3} WU0078215.

Fedia orientalis Schldtl., Linnaea 17: 126. 1843. {1} In lapidosis collinum pr. Aleppo, d. 19. April. leg. Kotschy. {2} HAL0006940 [ST], HAL0107339 [ST]: Kotschy, C.G.T., Plantae Alepp. Kurd. Moss. Ed. Hohenacker. 1843 116, 1841-04-19, Syrian Arab Republic, in acervis lapidum pr. Aleppum. {3} FI004488; G00354634; G00354638; G00354644; GH00031679; GOET011486; JE00020188; JE00020189; M0189654; MO-2267550; MPU023464; P03436477; S12-6086; US01108386; US01108399; WAG0004988.

Ferula angulata Schldtl., Linnaea 17: 125. 1843. {1} In faucibus altiorum montium Kurdistaniae, in monte Gara Aug. m. leg. Th. Kotschy (no. 603). {2} HAL0036377 [ST], HAL0097785 [ST]: Kotschy, C.G.T., Plantae Alepp. Kurd. Moss. Ed. Hohenacker. 1843 403, 1841-08-06, Iraq, Dahūk, Kurdistan, in hiabitibus saxosis altiorum regionum m. Gara. {3} BM000885343; FI004426; G00366803; G00366805; G00366813; GOET011341GOET011342; JE00003596; K000685289; K000685291; M0173190; M0173191; P00835037; P00835038; P00835039; P00835040; P00835041; P03222794; S-G-2695; US00127424; US00921449; W0053230; W0053231; W0053232; W0053233; WAG0003440; WAG0003441; W1889-0018450; W1889-0296653; W1889-0296654; W1889-0296655; W1889-0296656; WU0069463.

Festuca duriuscula L. var. *dasyantha* Schldtl., Fl. Berol. 1: 67. 1823. {1} Germany, Berlin, Thiergarten, Hasenheide, Jungfernheide, hinter Rummelsburg. {2} Not at HAL: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin, Thiergarten, Hasenheide, Jungfernheide, hinter Rummelsburg.

Festuca duriuscula L. var. *leiantha* Schldtl., Fl. Berol. 1: 67. 1823. {1} Germany, Berlin, Thiergarten, Hasenheide, Jungfernheide, hinter Rummelsburg. {2} Not at HAL: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin, Thiergarten, Hasenheide, Jungfernheide, hinter Rummelsburg.

Fimbristylis hispidula (Vahl) Kunth var. *canina* Schldtl., Linnaea 26: 129. 1854. {1} In savannis lateris merid. Sillae de Caracas, alt. 4000', Oct. (n. 389 ex p.) {2} Not at HAL: Wagener, H. 389 ex p., 18??-10, Venezuela, in savannis lateris merid. Sillae de Caracas, alt. 4000'.

Fragaria californica Schldtl. & Cham., Linnaea 2. 20. 1827. {1} Not specified. {2} Not at HAL. {3} GH00015545 [NT]. {4} Title of the original publication: “De plantis in expeditione speculatoria Romanzoffiana et in herbariis regis berolinensibus observavit”. NT designated by Staudt, G., Canad. J. Bot. 40: 872. 1962 [“NT: Geo. Thurber 475; 1852-03; USA: California: San Francisco (NY)”].

Fragaria mexicana Schldtl., Linnaea 13: 265. 1839. {1} (Fr. sp. vescae similis Linn. V. p. 572. n. 584 [Prope Jalapam raro. Aug.]); prope Jalapam rara, in dumetis pr. San Salvador in umbrosis prope la Encarnacion et pr. Atotonilco el chico, Junio (Schiede); Mineral del Monte (C. Ehrenberg). {2} HAL0060498 [ST]: Schiede, C.J.W. & Deppe, F. 572 “584”, 1828-08, Mexico, Veracruz-Llave, prope Jalapam raro. HAL0060499 [ST]: Schiede, C.J.W. s.n., 1830-06, Mexico, Hidalgo, prope Atotonilco et Chico. HAL0060500 [ST]: Schiede, C.J.W. s.n., 1830-06, Mexico, in dumetis pr. San Salvador. HAL0060501 [ST]: Schiede, C.J.W. s.n., 1830-03, Mexico, Hidalgo, in umbrosis prope la Encarnacion. HAL0060502 [ST]: Ehrenberg, C.A. 205, 18??, Mexico, Hidalgo, Mineral del Monte. {3} BR0000005296132; GH00102930; NY00436253. Notes: Schlechtendal's citation of “584” refers to Linnaea 5: 572. 1830.

Fragosa biloba Schltld., Linnaea 28: 478. 1856. {1} Not specified. {2} HAL0026845 [HT]: Anonymous collector s.n., s.d. ex herb. Lechler, s.l., s.d. {4} Title of original publication: “Plantae Lechlerianae”. HAL0026845 was annotated as HT by M.E. Mathias (CAVA) & L. Constance (CAVA) 1969–1970, and cited as HT by Stolle, J., Schlechtendalia 10: 9. 2003, which is probably correct according to ICN Art. 9.1, Note 1.

Franciscea macrophylla Cham. & Schltld., Linnaea 2: 601. 1827. {1} E Brasilia aequinoctiali misit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} F0072783F.

Franciscea pauciflora Cham. & Schltld., Linnaea 2: 600. 1827. {1} E Brasilia meridionali misit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionali. {3} F0072786F; M0172104; M0172105.

Frankenia grandifolia Cham. & Schltld., Linnaea 1: 35. 1826. {1} In sabulosis Novae Californiae as portum St. Francisci. {2} Not at HAL: Eschscholtz, J.F.G. von. s.n., s.d., USA, California, St. Francisco. {3} G [ILT]; LE [LT]. {4} LT designated by Wahlen, M.A., Syst. Bot. Monogr. 17: 33. 1987.

Frankenia krebsii Cham. & Schltld., Linnaea 1: 36. 1826. {1} In Promontorio bonae spei legit Krebs. {2} HAL0098413 [HT]: Krebs, L. s.n., 1829, South Africa, Prom. bon. spei. {4} HAL0098413 can undoubtedly be considered as HT according to ICN Art. 9.1, Note 1.

Fraxinus schiedeana Schltld. & Cham. (nom. nov.; nom. illeg.), Linnaea 6: 391. 1831. {1} *Fagara dubia* HW. n. 3043 (spec. sterile Humb. ex Hort. Mexic.) R. S. mant. 3, p. 288. {3} B-W03043. {4} = *Fagara dubia* Willd. ex Schult. & Schult.f., Mant. 3: 228. 1827.

Friedlandia Cham. & Schltld., Linnaea 2: 348. 1827.

Friedlandia amoena Cham. & Schltld., Linnaea 2: 350. 1827. {1} Crescit in Brasilia aequinoctiali, ubi ad Chapada et Barbacenam aliisque locis es lecta a Sellowio. {2} HAL0098372 [ST], HAL0120100 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Minas Gerais, Brasilia meridionalis, ubi ad Chapada et Barbacenam.

Friedlandia buxifolia Cham. & Schltld., Linnaea 2: 351. 1827. {1} Crescit in Brasilia aequinoctiali. Sellow legit et misit. {2} HAL0098373 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} K000528553.

Friedlandia hirsuta Cham. & Schltld., Linnaea 2: 352. 1827. {1} Crescit in Brasilia aequinoctiali. Sellow legit. {2} HAL0098374 [ST], HAL0120099 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} K000528548; P01901897; W0053405.

Friedlandia hirtella Cham. & Schltld., Linnaea 2: 352. 1827. {1} In Brasilia aequinoctiali legit Sellow. {2} HAL0098635 [ST], HAL0107570 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali.

Friedlandia stachyoides Cham. & Schltld., Linnaea 2: 353. 1827. {1} In Brasiliae aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali.

Fuirena hexachaeta Schltld., Linnaea 19: 69. 1846. {1} Tertiam acceptimus formam a Schiedeo noster in paludibus vallis Tolucensis pr. la Ventilla decerptam, [...]. {2} HAL0063545 [HT]: Schiede, C.J.W. s.n., 1830-09, Mexico, in paludibus vallis Tolucensis prope la Ventilla. {4} HAL0063545 can probably be considered the HT according to ICN Art. 9.1, Note 1.

Fumaria lichtensteinii Cham. & Schltld., Linnaea 1: 568. 1826. {1} *Fumaria micrantha* Lichtenst. msc. in Hb. Cap. Reg., Hb. Willd. n 12938. {2} Not at HAL: Lichtenstein, M.H.C. s.n., s.d., South Africa, Promontorio bonae spei. {3} B-W12938. {4} B-W12938, annotated as Hb. Lichtenstein, is probably HT material.

G

Galactia brevistyla Schltld., Linnaea 12: 288. 1838. {1} Inter frutices filicesque scandens, floribus pallide violaceis, pr. Hacienda de la Laguna, Aug. 29 (Schiede). {2} HAL0071483 [HT]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, prope Hacienda de la Laguna. {4} Annotated as HT by M.T. Germán R. (MEXU) 2006 (a corresponding publication not found), which is probably correct according to ICN Art. 9.1, Note 1.

Galactia brevistyla Schltld. var. *strigosa* Schltld., Linnaea 12: 289 1838. {1} Hac. de la Laguna. Jul. 29. {2} HAL0071480 [HT]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {4} Annotated as HT by M.T. Germán R. (MEXU) 2006 (a corresponding publication not found), which is probably correct according to ICN Art. 9.1, Note 1.

Galeopsis tetrahit L. var. *arvensis* Schltld., Fl. Berol. 1: 320. 1823. {1} Gemein! {2} HAL0138693 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Galeopsis tetrahit L. var. *sylvestris* Schltld., Fl. Berol. 1: 320. 1823. {1} Gemein! {2} HAL0135541 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Galeopsis walteriana Schltl., Fl. Berol. 1: 320. 1823. {1} *Galeopsis* an nova? Walter im Verz. d. Gew. d. Friedl. Güter p. 23. (Hohenfinow Wr. Freyenwalde Wr. Vevay Wr. Cunersdorf Wr. Bollersdorf Wr. v. sp.). {2} HAL0135542 [ST]: Verenezobre de Laurieux, F.M. von s.n., 1813, Germany, Brandenburg, Hohenfinow. HAL0135543 [ST]: Walter, F. s.n., 1816-07, Switzerland, Vaud, Vevay. HAL0135544 [ST]: Walter, F. s.n., 1815-10-01, Germany, Brandenburg, Freyenwalde [Bad Freienwalde]. HAL0135545 [ST]: Walter, F. s.n., 1816-09, Germany, Sachsen, Cunersdorf [Annaberg-Buchholz]. {4} HAL0135534 (Schlechtendal, D.F.L. von s.n., s.d., Germany, ex Marchia electoreli versus Oderam [an der Oder]) is additional authentic material.

Galium cotinoides Cham. & Schltl., Linnaea 3: 227. 1828. {1} In vicinia portus Talcaguano Chile ad sepes. {2} HAL0043125 [lectotype, **designated here**]: Chamisso, L.C.A. von s.n., 1816-02, Chile, Bío-Bío, in vicinia portus Talcaguano ad sepes. {3} F0BN000926 (photo in F); GH (photo) and NY according to Tropicos. {4} HAL0043125 was annotated as HT by L.T. Dempster (JEPS) 1982, but a corresponding publication has not been found. F0BN000926 is a preserved image of the material from Berlin, which was destroyed during the World War II. We follow Dempster's intention and designate here HAL0043125 as LT.

Galium ericoides Lam. var. *intermedium* Cham. & Schltl., Linnaea 3: 226. 1828. {1} Campo d'Utña. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Campo d'Utña.

Galium humile Cham. & Schltl., Linnaea 3: 226. 1828. {1} In Brasilia meridionali hinc inde lectum a Sellowio. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} F0069248F.

Galium jalapense Schltl., Linnaea 9: 591. 1835. {1} In sylvis umbrosis jalapae Majo et Augusto. {2} HAL0043115 [ST]: Schiede, C.J.W. 513b “247”, 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam. HAL0043116 [LT]: Schiede, C.J.W. s.n. “247”, 1829-05, Mexico, Veracruz-Llave, in sylvis umbrosis Jalapae. {3} BM001009054; GOET010291; MO-316954. {4} HAL0043116 was annotated as LT by L.T. Dempster 1977, with a corresponding publication in Dempster, L.T., Univ. Calif. Publ. Bot. 73: 21. 1978, in which he cited the HAL collection as HT [“Type ... Schiede 247 (HAL!, isotypes BM!, MO!)”]. In addition, cited as HT by Lorence, D.H., Monogr. Syst. Bot. Missouri Bot. Gard. 73: 62. 1999. Dempster's citation is correctable to LT according to ICN Art. 9.9.

Galium obstipum Schltl., Linnaea 9: 592. 1835. {1} In sylvis umbrosis Jalapae Maio 1892. {2} HAL0091210 [LT]: Schiede, C.J.W. s.n. “248”, 1829-05, Mexico, Veracruz-Llave, in sylvis umbrosis Jalapae. {3} F0069209F [ILT]; MO-312147; NY00131546. {4} Dempster, G.L., Univ. Calif. Publ. Bot. 73: 29. 1978, cited Schiede's material in HAL erroneously as HT [“Type ... Schiede 248 (HAL!, isotypes BM!, MO!)”], which is correctable to LT according to ICN Art. 9.9, and was also cited as HT by Lorence, D.H., Monogr. Syst. Bot. Missouri Bot. Gard. 73: 64. 1999 [“Type: Mexico: Veracruz, in sylvis umbrosis Jalapae, 1829-05, Schiede & Deppe 248 (Holotype HAL (n.v.); Isotypes MO (photos MEXU, PTBG), NY, n.v., P, n.v. (photo MO), fragment F, W, n.v.)”]. Thus, former ST material of *G. obstipum* f. *latifolia* was designated as LT for the species, i.e. f. *latifolia* is now a homotypic synonym of *G. obstipum* f. *obstipum*.

Galium obstipum Schltl. f. *angustifolium* Schltl., Linnaea 9: 593. 1835. {1} Prope San Migueal del Soldado. Jun. {2} HAL0043085 [lectotype, **designated here**]: Schiede, C.J.W. s.n., 1829-06, Mexico, prope San Miguel del Soldado. {3} GOET010301; NY00131547. {4} HAL0043085 was erroneously annotated as HT of forma *angustifolia* by L.T. Dempster (JEPS) 1977, but not formally published by Dempster (l.c.).

Galium obstipum Schltl. forma *latifolium* Schltl., Linnaea 9: 593. 1835, see *Galium obstipum*

Gardenia ferox Cham. & Schltl., Linnaea 4: 198. 1829. {1} Ad rio Padre Brasiliae meridionalis legit Sellowius. {2} HAL0114110 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia [Rio Padre]. {3} K000265547.

Gardenia formosa Cham. & Schltl., Linnaea 4: 200. 1829. {1} E Brasilia aequinoctiali misit Sellowius unicum. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali.

Gardenia schiedeana Schltl., Linnaea 9: 601. 1835. {1} Rubiaceae h corolla tubulosa flavescens, prope Actopan, April. 29. {2} HAL0098547 [HT?]: Schiede, C.J.W. s.n. “271”, 1829-04, Mexico, prope Actopan. {4} HAL0098547 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Gardenia sellowiana Cham. & Schltl., Linnaea 4: 197. 1829. {1} E Brasilia aequinoctiali misit Sellowius. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} F0069264F; F0BN000320 (photo in F).

Gaudichaudia albida Schltl. & Cham., Linnaea 5: 217. 1830. {1} Hacienda de la Laguna. Sept. {2} HAL0074279 [LT]: Schiede, C.J.W. & Deppe, F. 591 “445”, 1828-09, Mexico, Veracruz-Llave,

Hacienda de la Laguna. {3} M0242782. {4} LT designated by Anderson, W.R., Contr. Univ. Mich. Herb. 20: 25. 1995. [“LT: HAL-074279, photocopy at MICH; ILT: GOET, P-JU 11745 + B”].

Gaultheria acuminata Schltld. & Cham., Linnaea 5: 126. 1830. {1} Serro colorado. Aug. {2} HAL0105673 [LT], HAL0107381 [ILT]: Schiede, C.J.W. 581 “269”, 1828-08, Mexico, Serro colorado. {3} GOET003272; L0007055; P00715790; P00715791. {4} LT designated by Corcoran, C.M. in Luteyn, J.L., Fl. Neotrop. 66: 446. 1995.

Gaultheria acuminata Schltld. & Cham. var. *lancifolia* Schltld., Linnaea 19: 741. 1847. {1} No. 14. Arbutus. temper. Mexico. {2} HAL0047335 [ST]: Leibold, F.E. 14, 1839–1844, Mexico, temperiertes Mexico.

Gaultheria ciliata Schltld. & Cham., Linnaea 5: 126. 1830. {1} In monte Orizaba cum Solano tuberoso. Sept. {2} HAL0028582 [LT]: Schiede, C.J.W. 582 “268”, 1828-09, Mexico, Veracruz-Llave, in monte Orizaba cum Solano tuberoso. {3} BR0000006997434; F0055347F; GOET003282; L0007284; P00715713; P00715714. {4} LT designated by Corcoran, C.M. in Luteyn, J.L., Fl. Neotrop. 66: 486. 1995 as HT, correctable to LT according to ICN Art. 9.9.

Gaultheria ferruginea Cham. & Schltld., Linnaea 1: 524. 1826. {1} In Brasilia tropica legit Sellow. {2} HAL0043326 [LT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} E00326858; F0055361F; F0BN004747 (photo in F); G00323486; L0007094; W0051021 [ILT]. {4} LT designated by Luteyn, J.L., Fl. Neotrop. 66: 436. 1995.

Gaultheria myrtilloides Cham. & Schltld., Linnaea 1: 523. 1826. {1} In Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica.

Gaylussacia incana Cham. & Schltld., Linnaea 1: 536. 1826. {1} In Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} F0055395F; L0007203; NY00010058; NY00010103.

Gaylussacia pinifolia Cham. & Schltld., Linnaea 1: 536. 1826. {1} In Brasilia tropica inter muscos et lichenes crescentem legit Sellow. {2} HAL0098451 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} E00319695; F0055400F; F0055401F; G00352127; HBG515437; K000534696; K000534697; K000534698; K000534699; L0007211; MPU012323; NY00010073; P00647808; W0050988.

Gaylussacia pseudogaultheria Cham. & Schltld. (nom. nov.), Linnaea 1: 535. 1826. {1} *Gaultheria hispida* Spr.! Syst. 2. p. 288. In Brasilia tropica legit Sellow. {2} HAL0098449 [ST], HAL0098450 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} BM000993615; F0055403F; F0BN004608 (photo in F); HBG515433; K000534702; K000534703; K000534704; L0007214; L0007283; MPU012320?; MPU012321; NY00010074; NY00010075; P00647809; W0050990. {4} = *Gaultheria hispida* Spreng. (nom. illeg., non R.Br. 1810), Syst. veg. (ed. 16) 2: 288. 1825.

Gaylussacia pseudovaccinium Cham. & Schltld. (nom. illeg.), Linnaea 1: 530. 1826. {3} HBG515445; HBG515447. {4} Nom. illeg. according to ICN Art. 52.1 (in the protologue *Vaccinium brasiliense* Spreng., Novi Provent. 42. 1819 was cited). According to Sprengel, C.P.J., Syst. veg. 2: 212. 1825: “Brasil. Sello”, HAL0098448 [Sellow, F. s.n., 1814–1831, Brazil.] is authentic material for *Gaylussacia pseudovaccinium* Cham. & Schltld. and possible type material of *Vaccinium brasiliense*.

Gaylussacia pseudovaccinium Cham. & Schltld. var. *glabra* Cham. & Schltld. (nom. inval.), Linnaea 1: 531. 1826. {1} *Vaccinium brasiliense* Spr.! Nov. Prov. p. 42, Syst. Veg. 2. p. In Brasilia tropica in locis apertis arenosis legit Sellow; prope Caravellos Freireis in Hb. Beyrich. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. Not at HAL: Freireis, G.W. s.n., s.d., Brazil, prope Caravellos [in herb. Beyrich]. {4} Nom. inval. according to ICN Art. 35.1.

Gaylussacia pseudovaccinium Cham. & Schltld. var. *pubescens* Cham. & Schltld. (nom. inval.), Linnaea 1: 531. 1826. {1} In Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} F0055404F; G00191757; HBG515448; L0007179. {4} Nom. inval. according to ICN Art. 35.1; = *Gaylussacia brasiliensis* var. *pubescens* Meisn., Fl. Bras. 7: 131. 1863

Gaylussacia rhododendron Cham. & Schltld., Linnaea 1: 533. 1826. {1} In Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} F0055408F; G00191758; HBG515436; K000534727; L0007221; P00647812.

Gaylussacia rugosa Cham. & Schltld., Linnaea 1: 534. 1826. {1} In Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} F0055409F; G00191759; HBG515435; K000534706; K000534708; L0007224; P00647816.

Gaylussacia salicifolia Cham. & Schltld., Linnaea 1: 532. 1826. {1} Specimen unicum e Brasilia tropica misit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} E00326997; E00326998; F0055410F; F0BN004742 (photo in F); G00191760; HBG515434; K000534714; L0007225.

Gentiana aleutica Cham. & Schltld., Linnaea 1: 175. 1826. {1} Habitat in herbosis insulae Unalashka. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Alaska, Unalashka. {3} P00524514; P00524515; S-G-2841.

Gentiana rurikiana Cham. & Schltld., Linnaea 1: 176. 1826. {1} Habitat in utroque freti Beeringii littore. {2} HAL0083665 [LT]: Chamisso, L.C.A. von s.n., s.d., USA, Sinus Escholzii et Sinus Laurentii. {3} K000872236; KFTA0000258. {4} LT designated by Kesting, S. & Hoffmann, M.H., Schlechtendalia 5: 12. 2000 erroneously as HT, correctable to LT according to ICN Art. 9.9.

Gentiana stelleriana Cham. & Schltld., Linnaea 1: 188. 1826. {1} *Swertia rotata* Pall. Fl. Ross. t. 89. f. 3. [§In Camtschatca et circa mare Ochotente Stellerus locis humidis [...].§], Hb. Willd. n. 5549 fol. 3 et 4 (specimina Pallasiana), Marsch. Bieb. Fl. Taur. Cauc. 1. p. 199 n. 501 (plantam caucasicam non vidimus). Sibiria orientali, in Camtschatca, circa mare Ochotense, (Steller), praecedente rarior, et in alpestribus Caucasi (M. B.) {2} Not at HAL: Pallas, P.S. von s.n., s.d., Russian Federation, Kamchatskaya Oblast', Kamtschatka. Not at HAL: Steller, G.W. s.n., s.d., Russian Federation, circa mare Ochotense. Not at HAL: Marschall von Bieberstein, F.A. s.n., s.d., in alpestribus Caucasi. {3} B-W05549-030; B -W05549-040 (as *Swertia rotata*).

Geochorda Cham. & Schltld., Linnaea 3: 11. 1828.

Geochorda cuneata Cham. & Schltld. (nom. illeg.) (type species of the genus *Geochorda* Cham. & Schltld., nom. illeg. superfl.), Linnaea 3: 11. 1828. {1} In Brasiliae meridionalis provinciis Rio grande do Sul et Montevideo legit Sellow. {2} HAL0115765 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} F0BN012327 (photo in F); K000533447. {4} Nom. illeg. according to ICN Art. 52.1; = *Herpestis glechomoides* Spreng., Syst. veg. (ed. 16) 4 (2): 234. 1827.

Geophila reniformis D.Don var. *americana* Cham. & Schltld., Linnaea 4: 137. 1829. {1} E Brasilia tropica misit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica.

Geophila reniformis D.Don var. *asiatica* Rheede ex Cham. & Schltld., Linnaea 4: 137. 1829. {1} Rheede Hort. mal. 10, t. 21. Ex insula Guajan e Marianis una retulimus ipsi. {2} Not at HAL: Anonymous collector s.n., s.d., Northern Mariana Islands, ex insula Guajan e Marianis. {4} Lectotype, **designated here**: Rheede tot Draakestein, H.A. van, Hort. Malab. 10: 41, tab. 21. 1690; tab. 21. [<http://www.biodiversitylibrary.org/item/14379#page/252/mode/1up>].

Geranium schiedeanum Schltld., Linnaea 10: 253. 1836. {1} Pr. La Joya Jun. 29. {2} HAL0076344 [LT]: Schiede, C.J.W. s.n., 1829–06, Mexico, Morelos, prope La Joya. {4} LT designated by Aedo, C., Syst. Bot. Monogr. 95: 137. 2012.

Gerardia brachyphylla Cham. & Schltld., Linnaea 3: 15. 1828. {1} In Brasilia aequinoctiali bis legit Sellow. {2} HAL0098536 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} F0BN012370 (photo in F); K000533631; K000533633.

Gerardia caesarea Cham. & Schltld., Linnaea 3: 17. 1828. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} B100248805; K000533626. {4} K000533626 was annotated as LT by K. Barringer, 1985, but a corresponding publication was not found.

Gerardia communis Cham. & Schltld., Linnaea 3: 12. 1828. {1} Plantam in omni Brasilia vulgarem legimus ipsi ad fretum insulae St. Catharinae. In Brasilia tropica, in Brasiliae meridionalis campis humidiusculis vulgatissimam (Rincon do Gallinas, Salto grande etc.). Februario florentem collegit Selowius. {2} HAL0098539 [ST]: Sellow, F. s.n., Feb. (1814–1831), Brazil, Brasilia tropica. {3} BM000953424; BR0000005421572; BR0000005421909; F0BN012372 (photo in F); G00356480; M0188659.

Gerardia dasyantha Schltld. & Cham., Linnaea 5: 104. 1830. {1} Tierra fria. Sept. {2} HAL0098535 [ST]: Schiede, C.J.W. 630 “165”, 1828–09, Mexico, Tierra fria. {3} F0BN012373 (photo in F); PH00011971.; PHIL according to Tropicos (type fragment).

Gerardia genistifolia Cham. & Schltld., Linnaea 3: 15. 1828. {1} In Brasilia meridionali lectam transmisit Sellowius. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} F0BN012375 (photo in F).

Gerardia gnidioides Cham. & Schltld., Linnaea 3: 16: 1828. {1} In Brasilia aequinoctiali collegit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} K000533623; K000533628.

Gerardia linarioides Cham. & Schltld., Linnaea 3: 13. 1828. {1} In provinciis meridionalibus Brasiliae legit Sellow. {2} HAL0098538 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} F0BN012377 (photo in F); K000533620; K000533621.

Gerontogea Cham. & Schltld., Linnaea 4: 154. 1829.

Gerontogea deppeana Schltld. & Cham., Linnaea 5: 169. 1830. {1} In hortum botanicum berlinensem introducta florebat Oct. 1829. – San Andres. Aug. {2} HAL0065134 [LT], HAL0107355 [ILT]: Schiede, C.J.W. & Deppe, F. 657 “391”, 1828-08, Mexico, San Andres. {3} GOET010403; M0198392; M0198393; MO-312130. {4} Cited by Terrell, E.E. & Robinson, H., Sida 22: 323. 2006 as HT, but correctable to LT according to ICN Art. 9.9.

Gerontogea microtheca Schltld. & Cham., Linnaea 5: 169. 1830. {1} Barranca de Tioselos in umbrosis. Sept. {2} HAL0065136 [LT]: Schiede, C.J.W. 659 “390”, 1828-09, Mexico, Veracruz-Llave, Barranca de Tioselo in umbrosis. {3} GOET010405; MO-312130; MO-312131. {4} Cited by Terrell, E.E. & Robinson, H., Sida 22: 323. 2006 as HT, but correctable to LT according to ICN Art. 9.9.

Gesneria deppeana Schltld. & Cham., Linnaea 5: 110. 1830. {1} In sylvis Jalapensibus. Oct. {2} HAL0096235 [LT], HAL0114003 [ILT]: Schiede, C.J.W. s.n. “186”, 1828-10, Mexico, Veracruz-Llave, Barranca de Tioselo in umbrosis; in sylvis Jalapensibus. {3} OXF [ILT]. {4} LT designated by Ramírez-Roa, A. & Chiang Cabrera, F., Taxon 59: 298–299. 2010.

Gesneria latifolia Mart. ex Otto & Schltld., Verh. Vereins Beförd. Gartenbaues Königl. Preuss. Staaten 5: 219. tab. 1. 1829. {1} Habitat in Brasilia extratropica: Sellow; – in provincia Minarum locis udis umbrosis, e.g. ad Villa de S. Joas do Principe etc. Martius. Flor. ibid. Januario. {2} HAL0116074 [ST]: Sellow, F. s.n., 1814–1831; Brazil, Brasilia tropica. HAL0116075 [ST]: Martius, C.F.P. von, Herbarium florum brasiliensis (C.F.P. von Martius) 1055, 1817–1820, Brazil. {3} M0185809; NY00312948; P00587359. {4} Chautems, A.P., Candollea 45: 386. 1990, supposed that the “holotype” has been lost and designated the original illustration (pl. 1) published in Otto & Schlechtendal (l.c.) as LT.

Geum lechlerianum Schltld., Linnaea 28: 465. 1857. {1} In Cordillera de Rancho, supra zonam Chusqueae Cumingii, Decbr. m. 1854. {2} Not at HAL: Lechler, W., Plantae chilenses (Ed. R.F. Hohenacker) 2948, 1854-12, Chile, in Cordillera de Rancho, supra zonam Chusqueae Cumingii. {3} K000424973; G according to Tropicos.

Gladiolus boucheanus Schltld., Linnaea 7: 488. 1832. {1} 1. derbei Johannisthal gefundene *Gladiolus* sei specifisch verschieden, [...]. {2} Not at HAL: Schlechtendal, D.F.L. s.n., 1831, Germany, Berlin, Johannisthal. {3} PH00012249.

Glossostylis Cham. & Schltld., Linnaea 3: 22. 1828.

Glossostylis aspera Cham. & Schltld. (type species of the genus *Glossostylis* Cham. & Schltld.), Linnaea 3: 23. 1828. {1} Brasil, Rio de Janeiro in fossis prope St. Annam Decembri florentem fructiferamque. {2} Not at HAL: Beyrich, H.C. s.n., 18??-12, Brasil, Rio de Janeiro in fossis prope St. Annam. {3} F0BN012419 (photo in F); P00587547.

Gonatandra Schltld., Linnaea 24: 659. 1851.

Gonatandra tradescantioides Schltld. (type species of the genus *Gonatandra* Schltld.), Linnaea 24: 659. 1851. {1} E Columbia orta est haec stirps in clar. Keferstein horto ornatissimo, qui haud procul ab urbe nostra in pago Kröllwitz laete floret. {2} Not at HAL: Keferstein, Ch. s.n., s.d., Germany, Halle, cult. in hortus Keferstein, seed from Columbia. {4} Alternative name = *Tradescantia gonatandra* Schltld. (ICN, Art. 36.2).

Gongylocarpus Schltld. & Cham., Linnaea 5: 557. 1830.

Gongylocarpus rubricaulis Schltld. & Cham. (type species of the genus *Gongylocarpus* Schltld. & Cham.), Linnaea 5: 558. 1830. {1} In cultis et incultis circa Jalapam. Aug. {2} HAL0098152 [ST]: Schiede, C.J.W. 533 “537”, 1828-08, Mexico, Veracruz-Llave, circa Jalapam. {3} BM001008383.

Gonolobus chloranthus Schltld., Linnaea 8: 520. 1834. {1} Jalapae Majo. {2} HAL0098552 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, Jalapa. {3} F0043990F; GOET000288; K000197318; MO-227642; MO-423283; NY00318620; P00644997; P00644998; G according to Tropicos.

Gonolobus fraternus Schltld., Linnaea 8: 521. 1834. {1} Hacienda de la Laguna Aug. {2} HAL0098553 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico; Veracruz-Llave, Hacienda de la Laguna. {3} K000197312; MO-078171; P00645704.

Gonolobus nigrescens Schltld., Linnaea 8: 522. 1834. {1} In calidioribus circa Hac. de la Laguna Aug. {2} HAL0098555 [HT]: Schiede, C.J.W. s.n., 1829-08, Mexico; Veracruz-Llave, in calidioribus circa Hacienda de la Laguna. {4} HAL0098555 can probably be considered as HT according to ICN Art. 9.1, Note 1.

- Gonolobus velutinus* Schltld., Linnaea 8: 521. 1834. {1} Pr. Zoncuantla (Jalapae) Jun. {2} HAL0098554 [ST]: Schiede, C.J.W. s.n., 1829-06, Mexico; Veracruz-Llave, prope Loncuantla (Jalapa). {3} BR000006960223; GOET000293; MO-078264; MO-344470; P00645732; P00645733.
- Gonzalagunia coccoypselum* Cham. & Schltld., Linnaea 4: 196. 1829. {1} Eandem plantam, a H. Wydler in Portorico 1827 lectam, sub nomine Gonzaleae panamensis nobiscum communicavit DC. {2} Not at HAL: Wydler, H. s.n., 1827, Puerto Rico.
- Gonzalagunia dicocca* Cham. & Schltld., Linnaea 4: 194. 1829. {1} E Brasilia aequinoctiali misit Sellow, in vicinia urbis Rio Janeiro lectam. {2} HAL0114210 [ST]: Sellow, F. s.n., 1814–1831, Brazil; Brasilia. {3} K000424262.
- Gonzalagunia parviflora* Schltld. & Cham., Linnaea 6: 414. 1831. {1} Cuesta grande de Jalacingo, reg. temp. Dec. {2} HAL0114295 [ST], HAL0114296 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “1275”, 1828-12, Mexico, Veracruz-Llave, Cuesta Grande de Jalacingo. {3} F0BN000268 (photo in F).
- Goodenia albiflora* Schltld., Linnaea 20: 599. 1847. {1} Im Gebiete des Gawlerrivier einzeln. {2} Not at HAL: Behr, H.H. s.n., 1844–1845, Australia, Süd-Australien, im Gebiete des Gawlerrivier.
- Goodenia ovata* Sm. var. *latifolia* Schltld., Linnaea 20: 601. 1847. {1} Im Gebiete des Torrens und Oncaparinga, Nov., December. {2} HAL0138711 [HT]: Behr, H.H. s.n., Nov., Dec., 1844, Australia, Süd-Australien, im Gebiet des Torrens und Oncaparinga. {4} HAL0138711 can probably be considered as HT according to ICN Art. 9.1, Note 1.
- Goodenia pinnatifida* Schltld., Linnaea 21: 450. 1848. {1} Not specified. {2} HAL0018290 [HT]: Behr, H.H. s.n. “214”, 1844–1845, Australia, Süd-Australien. {4} Title of publication: „Nachtrag zu den südaustralischen Pflanzen des Hrn. Dr. Behr”. HAL0018290 can probably be considered as HT according to ICN Art. 9.1, Note 1.
- Goodenia primulacea* Schltld., Linnaea 20: 601. 1847. {1} In sandigem Boden bei Bethanien und anderen Orten. {2} HAL0018291 [ST]: Behr, H.H. s.n., 1844–1845, Australia, Süd-Australien, in sandigen Boden bei Bethanien und anderen Orten. {3} K000215603.
- Grabowskia* Schltld., Linnaea 7: 71. 1832.
- Grevillea behrii* Schltld., Linnaea 20: 585. 1847. {1} Im Walde Pine forest bei Gawlertown mit rothen Blumen, im Walde Pine forest zwischen dem Gawler- und Lightrivier mit grünen Blumen und blauen Spitzen. Oct., Nov. {2} HAL0040155 [lectotype, **designated here**]: Behr, H.H. s.n. “56”, Oct., Nov, 1844–1845, Australia, Süd-Australien, Adelaide, im Walde Pine forest bei Gawlertown. {3} G00389299; MEL1516686. {4} Makinson, R.O., Flora of Australia 17A, Proteaceae, 2, *Grevillea*: 66. 2000, had cited HAL0040155 and MEL1516686 as syntypes but without lectotypification..
- Grevillea lavandulacea* Schltld., Linnaea 20: 586. 1847. {1} Die Hauptform im Walde Pine forest zwischen dem Gawler- und Lightrivier. Die andere Form auf kalkig-sandigem Boden (Sandplaine) bei Bethanien. Decbr. {2} HAL0040153 [LT], HAL0040154 [ILT]: Behr, H.H. s.n. “57”, 1844-12, Australia, Süd-Australien, bei Adelaide im Walde Pine forest zwischen dem Gawler- und Lightrivier. {3} G00389252. {4} HAL0040153 and HAL0040154 were annotated as LT and ILT by D.J. McGillivray (NSW) 1976, with a corresponding publication of the lectotypification in McGillivray, D.J. & Makinson, R.O.: *Grevillea* – Proteaceae: A taxonomic revision, a definitive scientific survey of the prolific Australian plant genus: 425. Melbourne 1993 (see also Makinson, R.O., Flora of Australia 17A, Proteaceae, 2, *Grevillea*: 307. 2000).
- Grumilea patens* Schltld. (pro syn.), pro syn. *Psychotria congesta* Spreng. ex DC. in Hooker, J.D., Fl. Brit. India 3: 162. 1880. {2} HAL0113833 [AS]: Metz, J.F., Pl. Indiae or. (M. Nilagiri.) Ed. R.F. Hohenacker. 1851. 1373, 18??-02, India, Prope Sispara. {3} M0187626; WU-Keck0065117.
- Guatteria candolleana* Schltld., Linnaea 9: 325. 1834. {1} Pluribus locis in Brasilia tropica legit Sellow. {2} HAL0098455 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} B100243159; B100243160; B100277766 [LT]; G00237709; K000487266; K000487267; UC492805. {4} LT designated by Lobão, A.Q., Mello-Silva, R.de & Forzza, R.C., *Rodriquézia* 63: 1044. 2012 [“LT: B; ILT: HAL, G, K, UC”].
- Guatteria hilariana* Schltld., Linnaea 9: 324. 1835. {1} In Brasilia tropica legit Sellow. {4} *G. hilariana* has not yet been lectotypified as species. Type material of one of the two described formae has to be chosen as LT (see below). Tropicicos erroneously cited specimen at B as HT.
- Guatteria hilariana* Schltld. forma *angustifolia* Schltld., Linnaea 9: 324. 1834. {1} In Brasilia tropica legit Sellow. {2} HAL0076469 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} B100242424; B100277763; S08-16263.

Guatteria hilariana Schltld. forma *latifolia* Schltld., Linnaea 9: 324. 1834. {1} In Brasilia tropica legit Sellow. {2} HAL0076468 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} B100242421; B100242422; B100242423.

Guatteria martiana Schltld., Linnaea 9: 326. 1834. {1} Semel a Sellowio in statu fructifero repertae accepit Herbarium Regium specimina aliquot. {2} HAL0076471 [ST], HAL0076473 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} B100277492; K000221111; K000221112; P00734891. {4} HAL0076471 contains only fruits, and HAL0076473 only leaves.

Guatteria pohliana Schltld., Linnaea 9: 321. 1834. {1} Semel in Brasilia a Sellowio lecta stirps. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} B100243235; B100243236; B100243237; B100243238; E00393132; K000487261; P00104810.

Guatteria sellowiana Schltld., Linnaea 9: 323. 1834. {1} In Brasilia tropica semel, legit Sellow. {2} HAL0076478 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} B100243224; B100243225; B100243226; B100243227; B100243228; E00393127; F0BN014212 (photo in F); K000487184; MPU012270.

Guettarda barbinervis Sieber ex Cham. & Schltld., Linnaea 4: 190. 1829. {1} Sieb. plant. exsic. Ins. Mauritii n. 61. {2} HAL0138763 [ST]: Hilsenberg, C.T. & Bojer, W., Flora mauritiana II (Sieber, F.W.) 61, 1820, Mauritius. {3} E00193651; G00190722; GOET010165; K000412137; L0000087; L0000088; MO-391430; NY00130835; P00553245; PRC454479; REG000878; W0032756; W1889-0177686.

Guettarda ochreatea Schltld., Linnaea 28: 496. 1857. {1} Lechler pl. Peruv. ed. Hohenacker n. 2407. Prope San Gavan, Augusto m. 1854 lect. {2} Not at HAL: Lechler, W., Plantae peruvianae Ed. R.F. Hohenacker 2407, 1854-08, Peru, Prope San Gavan. {3} BR0000005305117; F0040945F; GOET010338; K000424859; S05-901.

Guettarda uruguensis Cham. & Schltld., Linnaea 4: 183. 1829. {1} In Brasiliae provinciis meridionalibus, pluribus locis atque temporibus lectam, copiose misit Sellowius. – San Jose de Uruguay; ad ripas fluminis Vacarua; Rio negro, in fruticetis ripariis inque sylvis etc. {2} HAL0114214 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. Not at HAL: Sellow, F. s.n., 1814–1831, Brazil; San Jose de Uruguay; ad ripas fluminis Vacarua; Rio negro, in fruticetis ripariis inque sylvis etc. {3} F0069399F; F0BN000390 (photo in F); K000424801; K000424802.

Guettarda viburnoides Cham. & Schltld., Linnaea 4: 182. 1829. {1} E Brasilia tropica misit Sellowius. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} F0069400F; F0BN000393 (photo in F); K000424811; P00836586 [LT?]. {4} P00836586 was annotated as LT by P.G. Delprete 2009-06-22. Typification possibly published in Delprete, P.G., Rubiaceae. Flora dos estados de Goiás e Tocantins 40: 1–1610. Universidade Federal de Goiás. 2010 [not seen].

Gymnandra gmelinii Cham. & Schltld. (nom. illeg.), Linnaea 2: 561. 1827. {1} Habitat in Camtschatca, et insula Beeringii (Steller), nos in Unalashcae Aleutorum alptribus reperimus, ubi unica viget species. Num et ex insula sinuque St. Laurentii retulimus, schedulis in incendio 1822 amissis, dubium. Quam ad ostium Colubiae legit Lewis (Pursh. Fl. Amer. sept. 2. p. 430. sub *Bartsia Gymnandra*) plantam, huic suggerendam fore suspicamur. {4} Nom. illeg. according to ICN Art. 52.1, since *Gymnandra ovata* Willd., Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin 5: 395, t. 10, f. 8. 1811, was cited a synonym.

Gymnandra pallasii Cham. & Schltld. (nom. illeg.), Linnaea 2: 564. 1827. {1} Provenit in summis alpibus Davuriae et in arctica plaga Sibiriae Pallas. Fl. sub finem Junii. {4} Nom. illeg. according to ICN Art. 52.1, since *Gymnandra integifolia* Willd., Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin 5: 392, t. 9, f. 1. 1811, was cited as synonym.

Gymnandra stelleri Cham. & Schltld. (nom. illeg.), Linnaea 2: 563. 1827. {1} Habitat in Sibiria inter Lenam et Oceanum (Steller) nos in frigidissimis rupestribus ad sinum St. Laurentii (forsan et in insula St. Laurentii) collegimus. {4} Nom. illeg. according to ICN Art. 52.1, since *Gymnandra minor* Willd., Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin 5: 393, t. 9, f. 3. 1811, was cited as synonym.

Gymnogramma totta Schltld. (nom. nov.), Adumbr. pl. 1: 15. pl. 6. 1825. {1} *Polypodium tottum* Sp. pl. ed W. 5. p. 201, excl. synon. Thunbergii; Crescit ad Promontorium bonae spei (Hb. Willd., Mund et Maire v. sp.). {2} Not at HAL: Anonymous collector s.n., s.d., South Africa, Prom. bon. spei. {3} B-W19697. {4} = *Polypodium tottum* Willd. (nom. illeg., non Thunb. 1800), Sp. Pl. Editio quarta 5: 201. 1810.

Gymnostomum micaceum Schltld., Linnaea 10: 443. 1836. {1} Crescit gregarium in solo steril micaceo in provincia Rio Janeiro Brasiliae, ubi detexit clar. Beseke. {2} Not at HAL: Beseke s.n., s.d., Brazil, Rio

de Janeiro, Brasilia, in locis complivibus terram arenosam micraceam habitans, ad Rio Janeiro. {3} JE04005070 [anonymous collector, possible type]; JE04005071.

Gyrocarpus americanus Jacq. var. *gaertneri* Schltld., Linnaea 16: 398. 1842. {1} Gaertn. Sem. II p. 92, t. 97; *Gyrocarpus americanus*, E collectione sem. Banksiana. In collectione Banksiana e qua Gaertnerus fructum accepit teste R. Brownio [...]. {2} Not at HAL: Banks, J. s.n., s.d., s.l.

Gyrocarpus americanus Jacq. var. *humboldtii* Schltld., Linnaea 16: 398. 1842. {1} HBKth. Nov. Gen. VII. p. 149 [corrected: 193], quoad descript. [“Crescit locis temperatis, inter Carthagenam de Indias et Turbaco, alt. 190 hex. (Regno Novo-Granatensi); item in Provincia Caracasana, prope Bano de Mariara, et juxta Tumpango Mexicanorum, alt. 300–580 hex. Floret Aprili.”]. {2} Not at HAL: Bonpland, A.J.A. & Humboldt, F.W.H.A. von 1434, s.d., Columbia, Turbaco. {3} B-W06135; P00670014.

Gyrocarpus americanus Jacq. var. *schiedei* Schltld., Linnaea 16: 399. 1842. {1} In regione temperate ad Haciendam de Atlacomulco pr. Cuernavaca Martio m. fructiferam legit b. Schiede. {2} HAL0039747 [HT]: Schiede, C.J.W. 1164, 1831-03, Mexico, México, in regione temperata ad Haciendam de Atlacomulco pr. Cuernavaca. Martio m. fructiferam. {4} HAL0039747 can probably be considered as HT according to ICN Art. 9.1, Note 1.

H

Halgania strigosa Schltld., Linnaea 20: 614. 1847. {1} Bei Bethanien auf sandigem Boden. December. {2} HAL0040928 [lectotype, **designated here**]: Behr, H.H. s.n. “106”, 1844-12, Australia, South Australia, bei Bethanien auf sandigem Boden. {3} P04025748. {4} HAL0040928 was erroneously annotated as HT by K.F. Kenneally (PERTH) 1975-05-28, but a corresponding publication has not been found. We follow the intention of K.F. Kenneally and designate HAL0040928 as LT.

Halgania tuberculosa Schltld., Linnaea 20: 615. 1847. {1} Niederer Strauch bei Bethanien. December. {2} HAL0040960 [ST]: Behr, H.H. s.n. “107”, 1844-12, Australia, South Australia, bei Bethanien. {4} HAL0040960 was annotated as HT by K.F. Kenneally (PERTH) 1975-05-28, but a corresponding publication has not been found. HAL0040960 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Hampea Schltld., Linnaea 11: 372. 1837.

Hampea integerrima Schltld. (type species of the genus *Hampea* Schltld.), Linnaea 11: 372. 1837. {1} Arbuscula floribus albidis, rarius pr. Josocola majo 29. et pr. Hacienda de la Laguna Jul. 29. lect. (Schiede). {2} HAL0018028 [LT]: Schiede, C.J.W. s.n. “367”, 1829-05, Mexico, prope Josocola. HAL0018139 [ST], HAL0107579 [ST]: Schiede, C.J.W. s.n. “367”, 1829-07, Mexico, Veracruz-Llave, prope Hacienda de la Laguna. {3} BM000645616; GOET007809; GOET007810; P02285997; U0000780. {4} LT designated by Fryxell, P.A., Brittonia 21: 370. 1969 [“LT: HAL; ILT: BM, OXF”].

Hedera alaris Schltld., Linnaea 9: 605. 1834. {1} Pr. Hac. de la Laguna Jul. 29. {2} Not at HAL: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, prope Hacienda de la Laguna.

Hedyotis angustifolia Cham. & Schltld., Linnaea 4: 153. 1829. {1} Ex insula Luconia. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Philippines, insula Luconica.

Hedyotis capillipes Schltld. (pro syn.), pro syn. *Anotis rheedei* Benth. & Hook.f., in Hook.f., Fl. Brit. India 3: 73. 1880. {2} HAL0114282 [AS], HAL0114283 [AS], HAL0114284 [AS]: Metz, J.F., Plantae Indiae or. (Terr. Canara.) Ed. R.F. Hohenacker 847, 1851, India, Prope urbem Mangalor. {3} CORD00004466; FI004246; NY00131737; S-G-3010.

Hedyotis multicaulis Schltld. (pro syn.), pro syn. *Hedyotis auricularia* L., in Hook.f., Fl. Brit. India 3: 59. 1880. {2} HAL0114275 [AS], HAL0114276 [AS]: Metz, J.F., Plantae Indiae or. (Terr. Canara.) Ed. R.F. Hohenacker 845, 1851, India, in oryzetis pr. u. Mangalor. {3} NY00131744; S-G-3016.

Hedyotis serpyllacea Schltld., Linnaea 9: 599. 1834. {1} Inter la Joya at San Salvador Jun. 1829. {2} HAL0065141 [LT]: Schiede, C.J.W. s.n. “265”, 1829-06, Mexico, Veracruz-Llave, inter la Joya et San Salvador. {3} BR0000005316977; F0069436F; GOET010352; MO-716691; NY00131732. {4} HAL0065141 was annotated as HT by E.E. Terrell (MARY) 1991-09 and later cited by Terrell, E.E., Novon 9: 263. 1999, as HT (“holotype, HAL; isotypes, F, HAL, MO; photos taken at B are at F, GH, MO, NY, US (the B specimen was destroyed during World War II”). The citation as HT is correctable to LT according to ICN Art. 9.9.

Hedyotis tenuiflora Schltld. (pro syn.), pro syn. *Anotis foetida* (Dalzell) Hook.f., Fl. Brit. India 3: 74. 1880. {2} HAL0114268 [AS], HAL0114269 [AS], HAL0114270 [AS]: Metz, J.F., Plantae Indiae or. (Terr. Canara.) Ed. R.F. Hohenacker 848, 1851, India, Prope urem Mangalor. {3} FI004247; S-G-3019.

Heeria Schltld. (nom. illeg.), Linnaea 13: 432. 1839. {4} Non Meisn. 1837; ≡ *Schizocentron* Meisn. (nom. nov.), Pl. Vasc. Gen. 2: 355. 1843.

Heeria elegans Schltld. (nom. inval.), Linnaea 13: 432. 1839. {1} In umbrosis pr. Jalapam Jun. flor.; pr. Chiconquiaco Sept. fruct. (Siede). {2} HAL0033208 [ST]: Siede, C.J.W. s.n., 1829-06, Mexico, Veracruz-Llave, in umbrosis prope Jalapam. Not at HAL: Siede, C.J.W. s.n., 1829-09, Mexico, pr. Chiconquiaco. {3} BM000953918; BM000953919; BR0000005189014; GOET007942. {4} Nom. inval. according to ICN Art. 35.1; validly published alternative name – *Rhexia elegans* Schltld.; HAL0033208 was erroneously annotated as HT by T. Whiffin (LTB) 1972-08. A corresponding publication has not been found, but the citation as HT is probably included in Whiffin, T., A systematic study of the genus *Heterocentron* (Melastomataceae). Ph. D. dissertation, University of Texas at Austin.

Heimia myrtifolia Cham. & Schltld. (nom. illeg., nom. illeg. superfl.), Linnaea 2: 347. 1827 (≡ *Lythrum apetalum* Spreng.). {1} *Lythrum apetalum* Spreng., Syst. 2. p. 454. Quam in St. Catharinae insulae udis ipsi legimus plantam, a Sellowio e Brasilia aequinoctiali et meridionali pluribus e locis accepimus. {2} HAL0098157 [ILT]: Sellow, F. s.n., 1814–1831, Brazil. {3} BR0000005749683; K000528492 (LT); K000528493; M0146399; M0146400. {4} The name *Heimia myrtifolia* was discussed by Graham, S.A. et al., Candollea 64: 306. 2009. K000528492 was designated as NT, an argumentation that we cannot accept. Sprengel based his description on unnumbered Sellow material from an unspecified locality in Brazil. Therefore, all corresponding unnumbered specimens collected by Sellow, above all those originally deposited in Berlin (B), including HAL0098157 and K000528492, have to be considered syntypes. Therefore, the “neotypification” of *Lythrum apetalum*, erroneously proposed by Graham et al. (l.c.), has to be corrected to LT based on Art. 9.9.

Helichrysum erosum Schltld., Linnaea 20: 595. 1847. {1} Not specified. {2} HAL0098323 [HT]: Behr, H.H. s.n. “72”, 1844–1845, Australia, South Australia. {4} Title of the original publication “Südaustralische Pflanzen, gesammelt von Dr. Hermann Behr. II. Bestimmung und Beschreibung der vom Dr. Behr in Südastralien gesammelten Pflanzen.” HAL0098323 is probably a unique specimen, on which the original description was based and can thus be considered as HT according to 9.1, Note 1.

Helipterum corymbiflorum Schltld., Linnaea 21: 448. 1848. {1} Unicum specimen vidi, [...]. {2} HAL0098324 [HT]: Behr, H.H. s.n. “209”, 1844–1845, Australia, South Australia. {4} Title of the protologue publication “Nachtrag zu den südaustralischen Pflanzen des Hrn. Dr. Behr.” HAL0098324 is undoubtedly a unique specimen which served as base for the original description and can therefore be considered as HT according to ICN Art. 9.1, Note 1. The specimen MEL604825 was grown from seeds received from Behr, can thus only be considered as authentic material, but not as type material.

Helminthia lusitanica Welw. ex Schltld., Linnaea 27: 515. 1856. {1} Ex horto Parisiensis, H. humifusa horti Friburgensis et Turicensis. {2} Not at HAL: Welwitsch, F.M.J. 845, s.d., Portugal, Serra da Arrabida prope Calhariz; Serra da Arrabida. {3} K000796482; K000796483.

Hemitelia acuminata H.Karst. ex Schltld. (nom. nud.), Bot. Zeitung 14: 474. 1856. {2} Not at HAL: Karsten, H. s.n., s.d., sine loco.

Hemitelia hookeriana Schltld., Bot. Zeitung 14: 474. 1856. {1} = *H. horrida* Hook. spec. filic. I. p. 30. t. XV. excl. synonym. {2} Not at HAL. {4} Schlechtendal cited Hooker's description of *H. horrida* (excluding synonyms) und Hooker's Plate XV. An intended lectotypification has to be based either on appropriate collections in Hooker's herbarium or his Plate XV as iconotype.

Herpestis chrysantha Cham. & Schltld., Linnaea 2: 577. 1827. {1} In horto botanico regio Berolinensi vigeat, inter plantas enata, e seminibus Mexicanis eductas. {2} Not at HAL: Anonymous collector s.n., s.d., cult. in Hort. Bot. Berol., seed from Mexico.

Herpestis flagellaris Cham. & Schltld., Linnaea 2: 575. 1827. {1} In Brasiliae meridionalis provincia Montevideo legit Sellow. {2} HAL0098475 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Montevideo, Brasilia meridionalis, Prov. Montevideo. {3} F0BN012396 (photo in F); K000533440; K000533441.

Herpestis flagellaris Cham. & Schltld. var. *veronicifolia* Cham. & Schltld., Linnaea 2: 576. 1827. {1} Quae in Brasilia Montevicensi Decembri mense carpsit Sellowius specimina a modo descriptis pluribus discrepant notis, [...]. {2} HAL0098476 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Montevideo, Brasilia meridionalis, Prov. Montevideo. {3} F0BN012397 (photo in F); K000533442.

Herpestis lanigera Cham. & Schltld., Linnaea 2: 573. 1827. {1} E Brasilia aequinoctiali misit Sellow. {2} HAL0098472 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} F0BN012401 (photo in F); K000533483.

Herpestis monosticta Schltld., Linnaea 24: 695. 1851. {1} Quam novam credimus speciem e seminibus ex provincia Stae. Catharinae Brasiliae acceptis educavimus. {2} Not at HAL: Anonymous collector s.n., s.d., cult. in Hort. Bot. Halensi, seeds from Brazil, provincia Stae. Catharinae.

Herpestis serpylloides Cham. & Schltld., Linnaea 2: 574. 1827. {1} E Brasilia tropica misit Sellow. {2} HAL0098473 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} K000533435; PH00014514.

Herpestis tenella Cham. & Schltld., Linnaea 2: 576. 1827. {1} In Brasilia meridionali pluribus legit locis Sellow (ad Rio Padro Octobri florentem). {2} HAL0098477 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} BR0000005423743; F0BN012407 (photo in F); PH00014513.

Herpestis tomentosa Schltld. & Cham., Linnaea 5: 106. 1830. {1} In arenosis prope Vera-Cruz. Julio. {2} HAL0098478 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “174”, 1828-07, Mexico; Veracruz-Llave, in arenosis prope Vera-Cruz. {3} K000528943.

Heteromorpha Cham. & Schltld. (nom. cons.), Linnaea 1: 385. 1826.

Heteromorpha arborescens Cham. & Schltld. (nom. nov.; nom. illeg. superfl.), Linnaea 1: 385. 1826. {4} Nom. nov. for *Bupleurum arborescens* Thunb. (nom. illeg., non Jacq. 1788); nom. illeg. superfl. according to ICN Art. 52.1 since *Bupleurum trifoliatum* H.L.Wendl. was cited in the protologue.

Heuchera lucida Schltld., Ind. sem. hort. hal. 1848: 8. 1848. {1} Not specified. {2} HAL0053330 [HT]: Anonymous collector s.n., s.d., Germany, cult. in Hort. Bot. Halensi. {4} HAL0053330 is undoubtedly a unique specimen, on which the original description of this species was based, and can therefore be considered as HT (ICN Art. 9.1, Note 1).

Hibbertia glandulosa Schltld., Linnaea 20: 626. 1847. {1} In den Scrubgegenden bei Bethanien, September. {2} HAL0028044 [HT]: Behr, H.H. s.n. “129”, 1845-09, Australia, South Australia, Bethanien, Scrubgegend. {4} Annotated as HT by H.R. Toelken (AD) 2009-04-05, but a corresponding publication has not been found. The annotation as HT is undoubtedly correct. HAL0028044 seems to be a unique specimen which can be considered as HT according to ICN Art. 9.1, Note 1.

Hillia brasiliensis Cham. & Schltld., Linnaea 4: 201. 1829. {1} E Brasilia aequinoctiali. Sellow. {2} HAL0098546 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} US00289213.

Hippophaë tibetana Schltld., Linnaea 32: 296. 1863. {1} In regni Tibetani regionem temperata alt. 7–12000p. crescens atque in alpina alt. 14–15000 pedum. {2} Not at HAL: Thomson, T. s.n., s.d., Tibet, in regni Tibetani regionem temperata alt. 7–12000 p. crescens atque in alpina alt. 14–15000 pedum. {3} A; BM000951220; C10010833 [LT]; CAL; F; L; M; M0146062; P; TCD. {4} LT designated by Rousi, A., Ann. Bot. Fenn. 8: 217. 1971 [“LT: C; ILT: A, BM, CAL, F, L, M, P, TCD”].

Hirtella corymbosa Cham. & Schltld., Linnaea 2: 545. 1827. {1} In Brasilia aequinoctiali legit Sellow. {2} HAL0098145 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} F0BN003335 (photo in F); G00177645; K000220865; LE00002055; LE00002056; LE00002057; P00741026.

Hirtella floribunda Cham. & Schltld., Linnaea 2: 548. 1827. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} BM000602467; BR0000006968595; F0053907F; K000220906; K000220907; LE00002060 [LT]; LE00002061; P00741030. {4} Types according to Prance, G.T. & Sothers, C.A., Species plantarum – Flora of the world. Chrysobalanaceae Vol. 2 part 2: 168. 2003 (“[HT: LE; IT: BM, BR, CGE, K, LE, M, P]”). LE00002060 was annotated as HT on label by G.T. Prance 1968, correctable to LT according to ICN Art. 9.9.

Hisingera puberula Schltld. & Cham., Linnaea 6: 363. 1831. {1} Papantla. Jan. {2} HAL0098607 [ST], HAL0107386 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1133”, 1829-01, Mexico, Veracruz-Llave, Papantla. {3} L0011327; MO-501880; W0051607; BREM according to Tropicos.

Hoitzia nepetifolia Schltld. & Cham., Linnaea 6: 385. 1831. {1} In pratis inter Misantlam et Colipam. Febr. {2} HAL0098484 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1209”, 1829-02, Mexico, Veracruz-Llave, in pratis inter Misantlam et Colipam. {3} BM001124396, BR0000013467067; LECB0001257; MO-399414.

Hordeum coeleste (L.) P. Beauv. var. *trifurcatum* Schltld., Linnaea 11: 543. 1837. {1} Unter obriger Benennung erhielt der botanische Garten zu Halle aus Montpellier den Saamen einer Gerstenart, [...]. {2} HAL0024778 [ST]: Anonymous collector s.n., s.d., Germany, cult. Hort. Bot. Halensi, seeds from Hort. Montpellier. {4} HAL0024778 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Horkelia Cham. & Schltld., Linnaea 2: 26. 1827.

Horkelia californica Cham. & Schltld. (type species of the genus *Horkelia* Cham. & Schltld.), Linnaea 2: 26. 1827. {1} Crescit ad San Francisco Californiae. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, California, San Francisco. {3} GH00026520.

Hosta grandifolia Schltl. & Cham., Linnaea 5: 97. 1830. {1} In sylvis prope Jalapam. Aug. {2} HAL0098485 [ST]: Schiede, C.J.W. & Deppe, F. 289, 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam. HAL0115155 [ST], HAL0115156 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “124”, 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam. {3} MO-152503; P00689482.

Hydrocotyle asterias Cham. & Schltl., Linnaea 1: 361. 1826. {1} In Brasilia tropica legit Sellow. {2} HAL0025147 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {4} HAL0025147 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Hydrocotyle barbarossa Cham. & Schltl., Linnaea 1: 360. 1826. {1} In umbrosis sylverum prope Novum Friburgum Provinciae Rio de Janeiro Brasiliae super truncos emortuos arborum repentem reperit Beyrich. Januario floret. {2} Not at HAL: Beyrich, H.C. s.n., 18??-01, Brazil, prope Novum Friburgum Provinciae Rio de Janeiro. {3} P00115345.

Hydrocotyle calliodus Cham. & Schltl., Linnaea 1: 371. 1826. {1} In Promontorii bonae spei montibus Tradouw Martio mense fructiferam legerunt Mundt et Maire. {2} HAL0097780 [lectotype, **designated here**], HAL0107396 [ILT]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Western Cape, Prom. bon. spei, Mt. Tradouw. {3} W1889-0303058. {4} HAL097780 (A, B) was erroneously designated as HT by Stolle, J., Schlechtendalia 10: 9. 2003, which is, however, not correctable to LT since Art. 7.10 was not met in this publication. We follow Stolle’s intention and designate HAL0097780 as LT.

Hydrocotyle centella Cham. & Schltl. (nom. illeg. superfl.), Linnaea 1: 375. 1826. {4} Nom. illeg. according ICN Art. 52.1; *Centella glabrata* L., *Hydrocotyle glabrata* L.f. and *Hydrocotyle glabra* Thbg. were cited in the protologue as synonyms under forma *glabrescens*.

Hydrocotyle chamaemorus Cham. & Schltl., Linnaea 1: 363. 1826. {1} In regno Chilensis ad urbem Talcaguano legimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., 1816-02, Chile, Talcaguano. {3} P00115354; P00115355; P00115356; P00115357.

Hydrocotyle leucocephala Cham. & Schltl., Linnaea 1: 364. 1826. {1} Per omnem crescit Brasiliam; in provincia Rio de Janeiro in graminosis humidis circa urbem legit Beyrich, in provinciis Cisplatina et Rio grande do Sul Sellow. {2} HAL0025143 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Rio Grande do Sul, in provinciis Cisplatina et Rio grande do Sul. Not at HAL: Beyrich, H.C. s.n., s.d., Brazil, in provincia Rio de Janeiro in graminosis humidis circa urbem. {3} G00366929; K000529639; K000529640; K000529644; K000529653; P00115371. {4} “Beyrich, in provincia Rio de Janeiro in graminosis humidis circa urbem, Brazil.” was cited as “type” by Mathias, M.E., Brittonia 2: 234. 1936, but without any reference to a particular specimens in a certain herbarium.

Hydrocotyle mexicana Schltl. & Cham., Linnaea 5: 208. 1830. {1} In sylvis umbrosis prope Jalapam. Aug. {2} HAL0025141 [lectotype, **designated here**]: Schiede, C.J.W. 348 “416”, 1828-08, Mexico, Veracruz-Llave, in sylvis umbrosis prope Jalapam. {3} BM001008532; GOET011359; P00757664. {4} HAL0025141 was erroneously annotated as HT by M.E. Mathias (CAVA) & L. Constance (CAVA) 1969–1970, but in a corresponding publication (Mathias, M.E., Brittonia 2: 230. 1936) they simply cited this specimen as “type” without any specification, and Stolle, J., Schlechtendalia 10: 10. 2003 cited this collection as HT as well, which is, however, not correctable to LT since Art. 7.10 was not met in this publication. We follow the intentions of Mathias (l.c.) and Stolle (l.c.) and designate HAL0025141 as LT.

Hydrocotyle modesta Cham. & Schltl., Linnaea 1: 358. 1826. {1} In Brasiliae meridionalis provincia Cisplatina prope Montevideo legit Sellow. {2} HAL0025148 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Montevideo, Brasilia meridionalis provincia Cisplatina prope Montevideo. {3} K000529616; S05-4047.

Hydrocotyle montana Cham. & Schltl., Linnaea 1: 374. 1826. {1} In summis montibus ad Langekloof et Tradouw, Promontorii bonae spei collegerunt Mundt et Maire, Septembri et Martio. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., Sept., Mart. 18??, South Africa, in summis montibus ad Langekloof et Tradouw, Promontorii bonae spei.

Hydrocotyle vulgaris L. var. *communis* Cham. & Schltl., Linnaea 1: 356. 1826. {1} Not specified. {2} HAL0025114 [ST]: Chamisso, L.C.A. von s.n., 1815-12, Brazil, Santa Catarina, insula St. Catharina.

Hydrotaenia ehrenbergii Schltl., Linnaea 18: 666. 1845. {1} Unter den lebenden Pflanzen, welche ich vor einigen Jahren durch meinen Freund Carl Ehrenberg aus Mexico erhielt, [...]. Leider ging die Pflanze ein, nachdem sie geblüht hatte, und setzte nicht Frucht an, [...]. Man wird beide Pflanzen, welche wie es scheint, beide in der Gegend von Real del Monte wachsen, [...]. {2} Not at HAL: Ehrenberg, C.A. s.n., 1831–1840, Mexico, Real del Monte [living material]. {3} MICH1115643 [NT]. {4} Description only based on living material. NT designated by Molseed, E., Univ. Calif. Publ. Bot. 54: 105. 1970. [“McVaugh, R. 17240 [1958-08-23], Mexico, Jalisco, At pass 6 mi. E of Atotonilco el Alto, 1800 meters.”].

Hymenophyllum jalapense Schldtl. & Cham., Linnaea 5: 619. 1830. {1} In umbrosis prope Jalapam. Aug. HAL 0081866 [ST]: Schiede, C.J.W. & Deppe, F. 769 “812” (and “813”) [1828-08], Mexico, Veracruz-Llave, in umbrosis prope Jalapam. Additional types: LE00007974; LE00007975; P00622136; W-Rchb 1889-0352077. Notes: The type of *H. jalapense* refers to “812” in Linnaea 5: 619. 1830. However, HAL 0081866 contains a second label with the incorrect number “813” together with the correct locality (Jalapa). The true “813” refers to type material of *Hymenophyllum millefolium*.

Hymenophyllum millefolium Schldtl. & Cham., Linnaea 5: 620. 1830. {1} Cuesta grande de Jalacingo reg. temp. Jan. {2} HAL0081864 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “813”, 1829-01, Mexico, Veracruz-Llave, Cuesta grande de Jalacingo, reg. Temp. {3} B200102075; LE00007976; US00142294; W0048805; BM according to Tropicos.

Hymenophyllum pulchellum Schldtl. & Cham., Linnaea 5: 618. 1830. {1} Herb. W. no. 20239. (specimen Borboniense Desf. e Willd.). Ad rupes umbrosas prope Jalacingo, reg. temp. Novbr. {2} HAL0081863 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “807”, 1829-11, Mexico, Veracruz-Llave, ad rupes umbrosas prope Jalacingo, reg. temp. Not at HAL: Desfontaines, R.L. s.n., s.d., Réunion, in insula Borbonia. {3} B200102593; B200102594; B-W20239-010; K000589568; LE00007984; LE00007985; BM according to Tropicos.

Hyoscyamus pinnatifidus Schldtl., Linnaea 17: 127. 1843. {1} Inter segetes pr. Aleppo rarius April. leg. Kotschy. {2} HAL0071957 [ST], HAL0071958 [ST]: Kotschy, C.G.T. 211a, Plantae Alepp. Kurd. Moss. 167, 1841-04-29, Syrian Arab Republic, in agris pr. Aleppum raro. {3} FI009596; GOET003436.

Hypericum anagalloides Cham. & Schldtl., Linnaea 3: 127. 1828. {1} Ad portum St. Francisci Californiae obviam nobis venit. {2} Not at HAL: Chamisso L.A. von s.n., s.d., USA, California, San Francisco. {3} LE according to Tropicos.

Hypericum caespitosum Cham. & Schldtl., Linnaea 3: 126. 1828. {1} Collegimus in collibus apricis circa Talcaguano Chile. {2} HAL0014490 [ST]: Poeppig, E.F., Coll. pl. Chil. III 147, Feb. (1827–1829), Chile, Bío-Bío, in Chile austr. montos. graminos. Talcahuano ad Antuco. {3} F0054447F; F0BN009125 (photo in F); G00355704; P01901428; W according to Tropicos.

Hypericum campestre Cham. & Schldtl., Linnaea 3: 122. 1828. {1} In campis pratisque provinciarum meridionalium Brasiliae, ad fluvium Rio Negro aliisque pluribus locis legit Sellow. HAL0014522 [ILT], {2} HAL0014523 [lectotype, **designated here**]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis, ad fluvium Rio Negro aliisque pluribus locis. {3} BM000624769; F0BN009126 (photo in F); K000221188; M0112210; S03-1999. {4} Robson, N., Bull. Brit. Mus. (Nat. Hist.), Bot. 20: 76. 1990 cited the following typification details: “Sellow 1655 (B†-lectotype; F!, GH!-photographs; K!-isotype); Sellow 385 (B†-syntype); Sellow 4311 (B†-syntype).” Since the “lectotype material” previously deposited in Berlin (B) has been destroyed a new lectotypification based on available syntypes is necessary. HAL0014523, a duplicate from Berlin with an original label of this herbarium, is herein formally designated as LT.

Hypericum caprifoliatum Cham. & Schldtl., Linnaea 3: 125. 1828. {1} In Brasiliae meridionalis provinciis legit Sellow. {2} HAL0014527 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} BR0000008677112; F0BN009127 (photo in F); G00355623; S03-1990; S11-31752.

Hypericum collinum Cham. & Schldtl., Linnaea 5: 219. 1830. {1} Prope Jalapam, Serro colorado. Aug. {2} HAL0014513 [ST], HAL0014515 [ST]: Schiede, C.J.W. & Deppe, F. 477 “452”, 1828-08, Mexico, Veracruz-Llave, prope Jalapam, Serro colorado. {3} MO-553380; P01901416; P and W according to Tropicos.

Hypericum myrianthum Cham. & Schldtl., Linnaea 3: 123. 1828. {1} In campis pratisque provinciarum meridionalium Brasiliae, Montevideo etc., ad fluvium Rio Negro alibique frequentem hanc legit plantam Sellow. {2} HAL0014757 [ST], HAL0014758 [ST], HAL0014759 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} G00386922; G00386923; HBG517645; HBG517646; P01901503; P01901504; S11-32679; S12-12769.

Hypericum philonotis Schldtl. & Cham., Linnaea 5: 219. 1830. {1} In humidis prope Jalapam. Augusto. {2} HAL0033807 [ST]: Schiede, C.J.W. & Deppe, F. 475 “451”, 1828-08, Mexico, Veracruz-Llave, in humidis prope Jalapam.

Hypericum pratense Schldtl. & Cham., Linnaea 5: 218. 1830. {1} In graminosis prope Jalapam. Aug. {2} HAL0096345 [ST]: Schiede, C.J.W. 474 “450”, 1829-08, Mexico, Veracruz-Llave, in graminosis prope Jalapam. {3} BM000624696; GOET003968; HBG517639; M0112216; MO-671002; W according to Tropicos.

Hypericum tamariscinum Cham. & Schldtl., Linnaea 3: 124. 1828. {1} In provincia Montevideo Brasiliae australis legit Sellow. {2} HAL0015024 [ST]: Sellow, F. s.n., 1814–1831, Uruguay,

Montevideo, Brasilia meridionalis, in provincia Montevideo. {3} BM000624771; K000221235; K000221236; K000221238; M0112222; S03-2011; W according to Tropicos.

Hypopterygium Schldtl. (nom. illeg.), Linnaea 17: 636. 1844. {4} Non Bridel 1827; ≡ *Juliania* Schldtl. (nom. illeg.), Linnaea 17: 746. 1843; ≡ *Amphipterygium* Schiede ex Standl. (nom. nov.), Contr. U.S. Natl. Herb. 23: 672. 1923.

Hypopterygium adstringens Schldtl. (nom. inval.) (type species of the genus *Hypopterygium* Schldtl.), Linnaea 17: 636. 1844. {1} Crescit in regionibus calidis Mexici ad S. Francisco Jetecala prope Mecatlan, ad Tlaquiltenango ubi legit beat. Schiede. {2} Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico, Crescit in regionibus calidis Mexici ad S. Francisco Jetecala prope Mecatlan, ad Tlaquiltenango ubi legit beat.

Hypoxis mundtii Schldtl. (in herb.). {2} HAL0110081 [AS], HAL0109912 [AS]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Prom. bon. spei.

Hypoxis tuberosa Schldtl. (in herb.). {2} HAL0110062 [AS]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Prom. bon. spei.

Hypoxis vaginata Schldtl., Linnaea 20: 568. 1847. {1} Im Flussgebiet des Oncaparingaflusses bei Kowimanilla an einer im Frühjahr feuchten Stelle. {2} Not at HAL: Behr, H.H. s.n. “27”, 1844-12, Australia, South Australia, im Flussgebiet des Oncaparingaflusses bei Kowimanilla.

Hyptis lilacina Schldtl. & Cham., Linnaea 5: 101. 1830. {1} In dumetis prope Jalapam. Aug. {2} HAL0098583 [LT]: Schiede, C.J.W. 534 “152”, 1828-08, Mexico, Veracruz-Llave, in dumetis prope Jalapam. {3} BM? {4} Epling, C., Repert. Spec. Nov. Regni Veg. Beih. 85: 193–288. 1936, designated material deposited at B as LT. This material was destroyed during World War II, therefore Harley, R.M. & Pastore, J.F.B., Phytotaxa 58: 33. 2012 [“(lectotype B†, designated by Epling 1936, replacement lectotype HAL!, designated here; isolectotype BM?)”. The material at BM lacks a collection number, so must remain doubtful.”] proposed a new lectotypification based on the material in HAL.

Hyptis procumbens Schldtl. & Cham., Linnaea 5: 101. 1830. {1} Hacienda de la Laguna in umbrosis. Sept. {2} HAL0098584 [ST]: Deppe, F. & Schiede, C.J.W. “151”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna in umbrosis. {3} BG518615; HBG518614; P00737268; W 0051716.

I

Ichthyosma Schldtl., Linnaea 2: 672. 1827.

Ichthyosma wehdemannii Schldtl. (type species of the genus *Ichthyosma* Schldtl.), Linnaea 2: 671. 1827. {1} Der Mangel eines getrockneten oder in Weingeist aufbewahrten Exemplars ließ keine eigenen Untersuchungen zu. [...] schien es mir zweckmäßig, auch diese Abbildung mitzutheilen, [...]. {2} Not at HAL: Wehdemann, C.H. s.n., s.d., South Africa, Grahamstown. {4} Herbarium material was not preserved and not available for Schlechtendal who referred to Tab. VIII, which could possibly serve as an iconotype.

Icica copal Schldtl., Linnaea 5: 601. 1830. {1} Misantlensium et Papantlensium. {2} HAL0098633 [ST]: Deppe, F. & Schiede, C.J.W. s.n., 18??-03, Mexico, Veracruz-Llave, Misantla. {3} BM, LE, and W according to Tropicos.

Indigofera acutifolia Schldtl., Linnaea 12: 282. 1838. {1} Ad aquas calidas pr. Grande (C. Ehrenberg). {2} HAL0065293 [ST]: Ehrenberg, C.A. 701, 1831-1840, Mexico, ad aquas calidas (heiße Bäder) pr. Grande. {4} Annotated as HT by A.W. Lievens (LSU) 1994, but a corresponding publication could not be found (possibly in Lievens, A.W., Taxonomic. Indigof. PhD Thesis, Louisiana State Uni & Agric & MecCol. 1992). {4} HAL0065293 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Indigofera hippocrepoides Schldtl., Linnaea 12: 283. 1838. {1} Atotonilco el chico (C. Ehrenberg). {2} HAL0065294 [ST]: Ehrenberg, C.A. 700, 1831–1840, Mexico, Hidalgo, Atotonilco el chico. {4} Annotated as HT by A.W. Lievens (LSU) 1994, but corresponding publication not found (possibly in Lievens, A.W., Taxonomic. Indigof. PhD Thesis, Louisiana State Uni & Agric & MecCol. 1992). {4} HAL0065294 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Indigofera lotoides Schldtl. (nom. illeg.), Linnaea 12: 282. 1838. {1} Mineral del Monte ad pedem rupis Aquilae Sept. Oct. (C. Ehrenberg). {2} HAL0065295 [ST]: Ehrenberg, C.A. s.n., Sep., Oct. (1831–1844), Mexico, Hidalgo, Mineral del Monte ad pedem rupis (am Fuße des Felsens) Aquilae. {4} Non Lam. 1789; ≡ *Indigofera ehrenbergiana* Steud. (nom. nov.), Nomencl. bot. ed. 2 vol. 1: 806. 1840; HAL0065295 was annotated as HT by A.W. Lievens (LSU) 1994, but a corresponding publication was not found (possibly in Lievens, A.W., Taxonomic. Indigof. PhD Thesis, Louisiana State Uni & Agric &

MecCol. 1992). HAL0065295 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Indigofera ornithopodioides Schltld. & Cham. (nom. illeg.), Linnaea 5: 577. 1830. {1} In graminosis prope Vera-Cruz. Jul. {2} HAL0065289 [ST], HAL0107645 [ST]: Schiede, C.J.W. s.n. "605", 1828-07, Mexico, Veracruz-Llave, in graminosis prope Vera-Cruz. {3} LE00002477; LE00002478; MO-128749. {4} Non Schumach. & Thonn. 1827. = *Anil ornithopodioides* Kuntze (nom. nov.), Revis. Gen. Pl. 2: 939. 1891; HAL0065289 was annotated as HT by A.W. Lievens (LSU) 1994, but a corresponding publication was not found (possibly in Lievens, A.W., Taxonomic. Indigof. Phd Thesis, Louisiana State Uni & Agric & MecCol. 1992).

Inga canescens Schltld. & Cham., Linnaea 5: 592. 1830. {1} Inter Marantial et Puente del Rey. Jul. {2} HAL0041004 [ST]: Schiede, C.J.W. 178 "678", 1828-07, Mexico, Veracruz-Llave, inter Manantial et Puente del Rey. {3} FOBN001232 (photo in F); US00000036.

Inga cognata Schltld., Linnaea 12: 560. 1838. {1} I. Inicuil foliis simillima Linn. l.c. n. 676. In regione calida inter Colipam et littora maris Martio flor. incip. (Schiede). {2} HAL0071728 [LT], HAL0107632 [ST]: Schiede, C.J.W. s.n. "676", 1829-03, Mexico, Veracruz-Llave, inter Colipam et littora maris, reg. calid. {4} HAL0071728 was annotated as HT by R. Barneby (NY) 1993; the corresponding publication is possibly: Barneby, R.C. & Grimes, J.W., Silk Tree, Guanacaste, Monkey's Earring. Part II. *Pithecellobium*, *Cojoba*, and *Zygia*. Memoirs of the New York Botanical Garden 74: 1-161. 1997. The citation as HT is correctable to LT according to ICN Art. 9.9. Schlechtendal's citation of number "676" refers to "Linnaea 5: 592. 1830."

Inga flexuosa Schltld., Linnaea 12: 559. 1838. {1} Arbor in sylvis Jalapensibu. Majo. (Schiede). {2} HAL0098634 [ST], HAL0107638 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in sylvis Jalapensibus. {3} BR0000005173679; GH00065951; NY00002051.

Inga inicuil Schltld. (nom. illeg.), Linnaea 5: 592. 1830. {4} Nom. inval. according to ICN Art. 23.6(b); [according to Tropicos: nom. inval., used as common name (Inicuil Mexicanorum)].

Inga jinicuil Schltld. (nom. illeg), Linnaea 12: 559. 1838. {1} Linn. l.c. p. 592 n. 675. Prope Jalapam culta et uit videtur spontanea. Majo. (Schiede). {2} HAL0098630 [ST], HAL0107636 [ST]: Schiede, C.J.W. 195 "675", 1828-08, Mexico, Veracruz-Llave, prope Jalapam. HAL0098631 [ST], HAL0107635 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, prope Jalapam. {3} BR0000005196654; CAS0003023; G00365875; GH00065937; GOET005056; MEXU00285600; MO-128873; NY00002056; P01818320; P01818321; RSA0003312; W0051904. {4} = *Inga inicuil* Schltld. & Cham. ex G. Don, Gen. Hist. 2: 391. 1832; = *Inga inicuil* Cham. & Schltld. (nom. illeg.), Linnaea 5: 592. 1830. Schlechtendal's citation of number "675" refers to "Linnaea 5: 592. 1830."

Inga leptoloba Schltld., Linnaea 12: 560. 1838. {1} Ad Hac. de la Laguna Aug. fructifer. leg. Schiede. {2} HAL0098629 [ST], HAL0107637 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BM000541096; BR0000005173396; F0058106F; GH00065940; GOET005057; MEXU01166931; MEXU01166932; NY00002060; P01818294; P01818295.

Inga pennatula Schltld., Linnaea 5: 593. 1830. {1} Arbuscula in calidioribus prope Hacienda de la Laguna. Sept. - In apricis prope Jalapam. Aug. {2} HAL0064955 [ST]: Schiede, C.J.W. 185 "681", 1828-08-09, Mexico, Veracruz-Llave, in apricis Jalapam; et in calidioribus prope Hacienda de la Laguna. {4} LT designated by Seigler, D.S. & Ebinger, J.E., Phytologia 87: 164. 2005, but not validly published according to ICN Art. 7.10. HAL0064955 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Ionidium lobelioides Schltld., Linnaea 12: 203. 1838. {1} Pr. Oaxaca leg. Mühlenpfordt. {2} Not at HAL: Mühlenpfordt, F. s.n., s.d., Mexico, Pr. Oaxaca.

Ipomoea coccinea L. var. *pubescens* Schltld. & Cham., Linnaea 5: 118. 1830. {1} Prope Jalapam Aug., Hacienda de la Laguna, Sept. {2} Not at HAL: Deppe, F. & Schiede, C.J.W. s.n., 18??-08, Mexico, Veracruz-Llave, Jalapam. Not at HAL: Deppe, F. & Schiede, C.J.W. s.n., 18??-09, Mexico, Veracruz-Llave, Hacienda de la Laguna.

Ipomoea funis Schltld. & Cham., Linnaea 5: 118. 1830. {1} In sylvis pr. Jalapam atque in dumetis prope San Andres. Aug. {2} HAL0098219 [ST], HAL0107369 [ST]: Schiede, C.J.W. & Deppe, F. 556 "228", 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam atque in dumetis prope San Andres. {3} BM000953186; NY00319088.

Irmischia Schltld., Linnaea 19: 738. 1847.

Irmischia floribunda Schltld. (type species of the genus *Irmischia* Schltld.), Linnaea 19: 739. 1847. {1} No. 211 Asclepiadea. Tropisches Mexico. {2} Not at HAL: Leibold, F.E. 211, 1839-1844, Mexico, tropisches Mexico.

Isochilus major Schltld. & Cham., Linnaea 6: 60. 1831. {1} In arboribus prope Jalapam. Aug. {2} HAL0079366 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1046”, 1828-08, Mexico, Veracruz-Llave, in arboribus Jalapam. {3} LE00001435; LE00001436.

Isolepis multicaulis Schltld., Linnaea 20: 562. 1847. {1} Auf Torfboden in einem felsigen Thal der Barossa Range. {2} HAL0063543 [ST]: Behr, H.H. s.n. “7”, 1844–1845, Australia, auf Torfboden in einem felsigen Thal der Barossa Range. {3} MEL? {4} Muasya, A.M. & Simpson, D.A., Kew Bull. 57: 291. 2002, erroneously listed material in MEL as HT.

Isotoma fasciculata Schltld. (nom. nud.), Berberid. Amer. Austral.: 59. 1857. {2} HAL0113269 [AS]: Lechler, W., W. Lechler Plantae Peruviana, ed. R.F. Hohenacker (col. 1850–1853) 1956, Peru, Agapata. {4} = *Rhizocephalum candollii* var. *vulgare* Wedd. (nom. inval.), according to ICN Art. 35.1.

Ixodia alata Schltld., Linnaea 20: 593. 1847. {1} Steile, steinige Hänge im Berglande bei der Tonunda, Novbr., Decbr. {2} HAL0098098 [HT]: Behr, H.H. s.n. “67”, Nov., Dec. 1844, Australia, Queensland, steile steinige Hänge im Berglande bei der Tonunda. {4} HAL0098098 seems to be a unique specimen and can probably be considered as HT (ICN Art. 9.1, Note 1).

Ixophorus Schltld., Linnaea 31: 420. 1861.

Ixophorus schiedeana Schltld., Linnaea 31: 421. 1861. {1} Alia vero quae possideo specimina a beato Schiede a. 1834 Decembri mense ad Atlacomulco collecta, [...]. {2} Not at HAL: Schiede, C.J.W. s.n., 1834-12, Mexico, Atlacomulco.

Ixora graciliflora Schltld. (in herb.). {2} HAL0113826 [AS]: Metz, J.F., Pl. Ind. or. 1369, s.d., India, in m. Nilagiri.

J

Jaltomata Schltld., Ind. sem. hort. hal. 1838: 8. 1838.

Jaltomata edulis Schltld. (type species of the genus *Jaltomata* Schltld.), Ind. sem. hort. hal. 1838: 8. 1838. {1} Prope los baños del grande indefessus C. Ehrenberguis fructiferam Octoberi mense carpsit; Ehrenberg s.n. {2} HAL0033675 [ST]: Schlechtendal, D.F.L. von s.n., 1838, Germany, cult. in Horto Botanico Halensi; seeds from Mexico. {4} = *Saracha jaltomata* Schltld. (nom. illeg. superfl.), Hort. Hal.: 10. 1839. HAL0033675 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Jasminum dianthifolium Van Houtte ex Schltld., Linnaea 27: 513. 1856. {1} Hort. Van Houtte; Patria haud nota, in caldario colitur. {2} Not at HAL: Anonymous collector s.n., s.d., Hort. Van Houtte.

Juliania Schltld. (nom. illeg.), Linnaea 17: 746. 1844. {4} Non *Juliania* La Llave & Lex. 1825; = *Amphipterygium* Schiede ex Standl. (nom. nov.), Contr. U.S. Natl. Herb. 23: 672. 1923.

Julocroton nigricans Mart. ex Schltld., Linnaea 19: 245. 1846. {1} Coll. pl. Bras. n. 847. quam indescriptam in siccis et fructicosis montium Serra de Orgaos legit quoque Lhotzky Fl. Sebast. n. 155. a. (an *J. lanceolatus* Klotzsch in Wieg. Arch. l.c. ? nomen tantum). {2} HAL0118969 [ST]: Martius, C.F.P. von, Herbarium florum brasiliensis (C.F.P. von Martius) 847, 1817–1820, Brazil; Brazil. HAL0118970 [ST], HAL0139808 [ST], HAL0139809 [ST]: Lhotsky, J., Flora Sebastiana 155a, 1830–1832, Brazil; Serra de Orgaos. {3} BM000947409; G00441705: K000601132; L0034737; L0034738; L0034739; MO-260552; NY00263508.

Julocroton pycnophyllus Schltld. (nom. inval.), Linnaea 19: 245. 1846. {1} *Croton pycn.* Salz., pl. exs. Bahia. {2} HAL0118968 [ST], HAL0118981 [ST]: Salzmann, P. s.n., 1827–1830, Brazil. Bahia. {3} E00326411; F0BN005210 (photo in F); G00313147; MPU014877; MPU014878; MPU014879; MPU014979. {4} Nom. inval. according to ICN Art. 38.1; = *Julocroton pycnophyllus* Schltld. ex Müll.Arg., Prodr. 15: 705. 1866.

Juncus radicans Schltld. (nom. rej.), Linnaea 18: 442. 1845. {1} In aquis lente fluentibus, ad ruvulos Jalapae, Majo et Aug., nec non ad Jalacingo Nov. m. leg. Schiede. {2} HAL0064679 [LT], HAL0071562 [ILT], HAL0107316 [ILT], HAL0107317 [ILT]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, ad rivulos Jalapae. HAL0071563 [ST]: Schiede, C.J.W. s.n., 1828-08, Mexico, Veracruz-Llave, in aquis lentis fluentibus Jalapae. HAL0070988 [ST]: Schiede, C.J.W. s.n., 1828-11, Mexico. Jalacingo. {4} LT designated by Balslev, H., Fl. Neotrop. 68: 118. 1996; nom. rej. against *Juncus debilis* A.Gray, nom. cons. (see Kirschner, J. & Kaplan, Z., Taxon 50: 1193. 2001).

Juniperus flaccida Schltld., Linnaea 12: 495. 1838. {1} Schiede sammelte diese Art bei Atotonilco el Chico im Juni 1830, und C. Ehrenberg bei Regla u. a. O. in einer Höhe von 6–8000 F. {2} Not at HAL: Schiede, C.J.W. s.n., 1830-06, Mexico, Hidalgo, Atotonilco el Chico. Not at HAL: Ehrenberg, C.A. s.n.,

1831–1844, Mexico, Hidalgo, Regla, 6–8000'. {3} MO-2085919 [LT]; US00012099 [ILT]. {4} LT designated by Zanoni, T.A. & Adams, R.P., Bol. Soc. Bot. México 38: 100. 1979.

Juniperus mexicana Schiede ex Schltld. & Cham. (nom. illeg.), Linnaea 5: 77. 1830. {1} Llanos de Perote. Sept. {2} Not at HAL: Schiede, C.J.W. 15 “16”, 1828-09, Mexico, Llanos de Perote. {3} MO-066666 [LT]. {4} Non Spreng. 1826; nom. illeg. ICN Art. 53.1, Note 1; = *Juniperus deppeana* Steud. (nom. nov.), Nomencl. Bot. (ed. 2)1: 835. 1840. LT designated by Zanoni, T.A. & Adams, R.P., Bol. Soc. Bot. México 38: 94. 1979.

Juniperus tetragona Schltld. (nom. illeg.), Linnaea 12: 495. 1838. {1} Bei Mineral del Monte in einer Höhe von 10–11000 F. von C. Ehrenberg gefunden. {2} Not at HAL: Ehrenberg, C.A. s.n., 1831–1840, Mexico, Mineral del Monte, 10000–11000'. {3} MO [LT]. {4} Non Moench 1794; = *Juniperus monticola* Martínez, Anales Inst. Biol. Univ. Nac. Autón. México, Biol. 17: 79, f. 64–70. 1946. LT designated by Zanoni, T.A. & Adams, R.P., Bol. Soc. Bot. México 38: 106. 1979.

Jussiaea persicariifolia Schltld., Linnaea 12: 271. 1838. {1} Pr. Oajaca (Mühlenpfordt). In humidis umbrosis pr. Hac. de la Laguna Aug. 29. (Schiede). {2} HAL0069536 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, in humidis umbrosis prope Hacienda de la Laguna. Not at HAL: Mühlenpfordt, F. s.n., s.d., Mexico, pr. Oajaca. {4} HAL0069536 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Justicia aurea Schltld., Linnaea 7: 393. 1832. {1} In sepibus pagi Tioselo, Aug. 29. {2} HAL0113769 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Tioselo. {3} GZU-Nees000249819.

Justicia callistachya Schltld. & Cham., Linnaea 6: 370. 1831. {1} In sylvis Misantlae. Mart. {2} HAL0113675 [ST], HAL0113767 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1161”, 1829-03, Mexico, in sylvis Misantlae. {3} GZU-Nees000259822.

Justicia callistachya Schltld. & Cham. var. *glabra* Schltld. & Cham. (in herb.). {2} HAL0113674 [AS], HAL0113768 [AS]: Deppe, F. & Schiede, C.J.W. s.n. “1162”, 1829-01, Mexico, Papantlae. {4} See Linnaea 6: 370. 1831, Nr. 1162 as *Justicia callistachya* varietas? Flore pupureo, in sylvis Papantlae. Dec. Jan. Febr.

Justicia fulvicoma Schltld. & Cham., Linnaea 6: 369. 1831. {1} In dumetis Papantlae. Jan. {2} HAL0071937 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1160”, 1829-01, Mexico, Veracruz-Llave, in dumetis Papantlae. {3} BM, K and MO according to Tropicos.

Justicia glandulifera Schltld. (pro syn.), pro syn. *Rhytiglossa origanoides* Nees in Prodr. 11: 336. 1847. {2} HAL0113680 [AS]: Drège, J.F. a, 1826–1834, South Africa, Cape, Enon, below 1000' (V,a,18). {4} The abbreviation (V,a,18) refers to the collection locality published by Drège, J.F., Flora 26 (besondere Beigabe, 2) : 1–230.

Justicia haematodes Schltld., Linnaea 7: 394. 1832. {1} In regione calidiore infra la Cuesta grande de Chiconquiaco Sept. 29. {2} HAL0071936 [ST]: Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, in regione calidiore infra la Cuesta grande de Ciconquiaco. {3} F0BN008889 (photo in F); G00236559; GOET000023; GZU-Nees000251438; MO-159489; NY00312108; P00719802; W1889-0302314; BM according to Tropicos.

Justicia heterophylla Schltld. & Cham., Linnaea 5: 95. 1830. {1} Serro colorado. Aug. {2} HAL0071938 [ST]: Deppe, F. & Schiede, C.J.W. 485 “117”, 1828-08, Mexico, Serro Colorado. {3} GZU-Nees000251237.

Justicia oleifolia Schltld. (pro syn.), pro syn. *Adhatoda capensis* (Thunb.) Nees, Prodr. 11: 391. 1847. {2} HAL0113980 [AS]: Krebs, L. 253, 1829, South Africa, C. b. spei. HAL0113981 [AS]: Krebs, L. 50, 1829, South Africa, C. b. spei.

Justicia polymorpha Schltld. (in herb.). {2} HAL0098852 [AS]: Krebs, L. 252, 1829, South Africa, C. b. spei. HAL0098853 [AS]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Prom. bon spei. HAL0098854 [AS]: Anonymous collector s.n., s.d., South Africa, Prom. bon spei.

Justicia prostrata Schltld. (pro syn.), pro syn. *Adhatoda leptantha* (Nees) Nees in Prodr. 11: 390. 1847. {2} HAL0113986 [AS]: Mundt, J.L. & Maire, C. 92, 1815–1830, South Africa, Prom. bon spei. HAL0113987 [AS]: Anonymous collector s.n., s.d., South Africa, Prom. bon spei.

Justicia spicigera Schltld., Linnaea 7: 395. 1832. {1} Passim quasi sponte Jalapae Majo 1829 et culta ad Hacienda de le Laguna, Jul. {2} HAL0098438 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, Passim quasi sponte Jalapae. HAL0098439 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BM000992592; BR0000006944421; E00051228; GH00094099; GOET000027; MO-357417; P00719833.

K

Kadua Cham. & Schltdl., *Linnaea* 4: 157. 1829.

Kadua acuminata Cham. & Schltdl. (type species of the genus *Kadua* Cham. & Schltdl.), *Linnaea* 4: 163. 1829. {1} Legimus in nemoribus Insulae O-Wahu. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Hawaii, Sandwich Islands, Legimus in nemoribus Insulae O-Wahu.

Kadua affinis Cham. & Schltdl., *Linnaea* 4: 164. 1829. {1} O-Wahu. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Hawaii, Sandwich Islands, O-Wahu.

Kadua cookiana Cham. & Schltdl., *Linnaea* 4: 158. 1829. {1} In apricis aridis circa Karakakoa insulae O-Waihi, ubi navarchus in proelio cecidit. In insula O-Wahu nobis non obviam venit. {2} HAL0076737 [ST]: Chamisso, L.C.A. von s.n., 1815, USA, Hawaii, Sandwich Islands, in insula O-Waihi, Karakakoa.

Kadua cordata Cham. & Schltdl., *Linnaea* 4: 160. 1829. {1} Ex insula O-Wahu. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Hawaii, Sandwich Islands, ex insula O-Wahu.

Kadua menziesiana Cham. & Schltdl., *Linnaea* 4: 160. 1829. {1} Ex insula O-Wahu. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Hawaii, Sandwich Islands, ex insula O-Wahu.

Kadua romanzoffiense Cham. & Schltdl., *Linnaea* 4: 162. 1829. {1} Ex insula corolligena Romanzoffii retulimus floriferam fructiferamque, nec in insulis Radak vel O-Waihi offendimus. {2} HAL0076410 [ST]: Chamisso, L.C.A. von s.n., 1815, Marshall Islands, insula coralligena Romanzoffii. {3} B100295959.

Kardanoglyphos Schltdl., *Linnaea* 28: 472. 1857.

Kardanoglyphos nana Schltdl. (type species of the genus *Kardanoglyphos* Schltdl.), *Linnaea* 28: 472. 1857. {1} W. Lechler pl. peruv. ed. Hohenacker n. 2583. Agapatae Aug. m. 1854 lect. {2} HAL0085363 [LT]: Lechler, W., *Plantae peruvianae* 2583, 1854-06-01–1854-08-01, Peru, Agapata. {3} B100241705; G00371987; GOET002626; K000485144; P00747599; P00747600; P00747601. {4} LT designated by Hoffmann, M.H., *Schlechtendalia* 4: 36. 2000, erroneously as HT, but correctable to LT according ICN Art. 9.9.

Karwinskia affinis Schltdl., *Linnaea* 15: 460. 1841. {1} Frutex in solo calcareo aridissimo a balneis calidis pr. Grande boream versus lectus a C. Ehrenberg. {2} HAL0050608 [ST]: Ehrenberg, C.A. 635, 1831–1839, Mexico, in solo calcareo aridissimo a balneis calidis pr. Grande boream versus. {4} HAL0050608 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Karwinskia mollis Schltdl., *Linnaea* 15: 461. 1841. {1} Barranca de Sta Maria, in reg. temp. Junio deflorentem leg. Schiede. {2} HAL0021792 [ST], HAL0107591 [ST], HAL0107592 [ST]: Schiede, C.J.W. 994, 1831–06, Mexico, Barranca de Sta. Maria, in reg. temp. {3} W according to Tropicos.

Karwinskia sessilifolia Schltdl., *Linnaea* 15: 461. 1841. {1} Ad Haciendam de S. Gabriel Novembri fructiferam leg. Schiede. {2} HAL0050607 [ST], HAL0107590 [ST]: Schiede, C.J.W. 1125, 1836–11, Mexico, ad Haciendam de S. Gabriel.

Karwinskia subcordata Schltdl., *Linnaea* 15: 462. 1841. {1} Inter Izmiquilpan et Zimapan leg. Schiede, Junio flores frutuosque juniores ferentem. {2} HAL0050602 [ST], HAL0107589 [ST]: Schiede, C.J.W. 995, 18??-06, Mexico, Hidalgo, inter Izmiquilpan et Zimapan. {3} BR0000005295395.

Klugia Schltdl., *Linnaea* 8: 248. 1833.

Klugia azurea Schltdl. (type species of the genus *Klugia* Schltdl.), *Linnaea* 8: 248. 1833. {1} Cuesta grande de Chiconquiaco. Sept. 29. {2} HAL0097790 [ST], HAL0098436 [ST], HAL0098644 [ST]: Schiede, C.J.W. s.n. "127", 1829-09, Mexico, Veracruz-Llave, Cuesta grande de Chiconquiaco. {3} BM000992333; GOET003924; MO-2071231; NY00312969 [LT?]; P00606337; W1889-0110954. {4} NY00312969 was annotated on the label as LT by Wiehler, H. 1980, but a corresponding publication has not been found.

Knoxia wightiana Schltdl. (pro syn.), pro syn. *Hedyotis stylosa* Br., *Flora Brit. India*. 3: 51. 1880. {2} {2} HAL0135143 [AS]: Metz, J.F., *Pl. Ind. or. (M. Nilagiri)* Hohenack. 1000, 1851–1854, India, in montibus Nilagiri.

Kohautia Cham. & Schltdl. (nom. cons.), *Linnaea* 4: 156. 1829.

Kohautia senegalensis Cham. & Schltdl. (type species of the genus *Kohautia* Cham. & Schltdl.), *Linnaea* 4: 156. 1829. {1} *Knoxia senegalensis* Rchb. Sieb. pl. Seneg. exsic. {2} HAL0114211 [ST]: Kohaut, F. & Schmidt, J., *Flora Senegalensis* (Sieber, F.W.) 9, 1822–1828, Senegal. {3} BR0000008849021; E00193645; G00014478; G00014479; G00014480; JE00003936; K000414262; P00539343; S14-16969; S14-16974; W0010528; W0010529; W0010530; W1889-0185631.

L

Lafoensia vandelliana Cham. & Schltl. (type species of the genus *Lafoensia* Vand.), Linnaea 2: 346. 1827. {1} Quam e Brasilia aequinoctiali habemus Lafoensia a Sellowio missa, [...]. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil; in Brasilia aequinoctiali.

Lamourouxia cordata Schltl. & Cham., Linnaea 5: 103. 1830. {1} Inter Tenestepeque et Quantotalapa. Sept. {2} HAL0098537 [ST]: Schiede, C.J.W. 547 “161”, 1828-09, Mexico, inter Tenestepeque et Quantotalapa. {3} W according to Tropicos.

Lasiocephalus Schltl., Mag. Neuesten Entdeck. Gesamten Naturk. Ges. Naturf. Freunde Berlin 8: 308. 1818.

Lasiocephalus lingulatus Schltl., Mag. Neuesten Entdeck. Gesamten Naturk. Ges. Naturf. Freunde Berlin 8: 309. 1818. {1} Habitat in America meridionali. {2} Not at HAL: Humboldt, F.W.H.A. von & Bonpland, A.J.A. s.n., s.d., Ecuador, Habitat in America meridionali. {3} B-W16435. {4} B-W16434 cited as HT by Cuatrecasas, J., Phytologia 40: 310. 1978 [“Humboldt, in Herb. Willdenow, Cat. No. 16435, metric label 4247/B.”], which could be correct according to Art. 9.1, Note 1, provided that the sample at B represents indeed a unique specimen.

Lasiocephalus ovatus Schltl., Mag. Neuesten Entdeck. Gesamten Naturk. Ges. Naturf. Freunde Berlin 8: 309. 1818. {1} Habitat in America meridionali in monte Pichincha. {2} Not at HAL: Humboldt, F.W.H.A. von & Bonpland, A.J.A. s.n., s.d., Ecuador, Habitat in America meridionali in monte Pichincha. {3} B-W16434. {4} B-W16434 cited as HT by Cuatrecasas, J., Phytologia 40: 311. 1978 [“Humboldt, monte Pichincha, Ecuador. Herbarium Willdenow Cat. No. 16434, metric label 4246/B.”], which could be correct according to Art. 9.1, Note 1, provided that the sample at B represents indeed a unique specimen.

Laureria Schltl., Linnaea 8: 513. 1833.

Laureria mexicana Schltl. (type species of the genus *Laureria* Schltl.), Linnaea 8: 513. 1833. {1} Pr. Hacienda de la Laguna Jul. {2} Not at HAL: Schiede, C.J.W. s.n. “145”, 18??-07, Mexico, Veracruz-Llave, Pr. Hacienda de la Laguna.

Laurus longipes Schltl., Linnaea 7: 390. 1832. {1} Hacienda de la Laguna. Aug. {2} HAL0097803 [ST], HAL0107348 [ST], HAL0107349 [ST]: Schiede, C.J.W. s.n. “59”, 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} B100247464; B100247465; BR0000005187805; F0BN003571 (photo in F); G00074175; HBG509974; M0147215; MO-308152; P00128522; P00128523; U0002984.

Leiphaimos Cham. & Schltl., Linnaea 6: 387. 1831.

Leiphaimos parasitica Schltl. & Cham. (type species of the genus *Leiphaimos* Cham. & Schltl.), Linnaea 6: 387. 1831. {1} Perpauca specimina in arbore putrido sylvae Papantlensis. Dec. {2} HAL0042202 [HT?]: Schiede, C.J.W. s.n. “1210”, 1828-12, Mexico, Veracruz-Llave, in arbore putrido sylvae Papantlensis. {4} HAL0042202 was cited as HT by Ruyters, P. & Maas, P.J.M., Acta Bot. Neerl. 30: 143. 1981, which could be correct according to Art. 9.1, Note 1, provided that the sample at HAL represents indeed a unique specimen.

Lepidium owaihiense Cham. & Schltl., Linnaea 1: 32. 1826. {1} In insulis Sandwich. {2} HAL0084102 [ST]: Chamisso, L.C.A. von s.n., 1816, USA, Hawaii, in insulis Sandwich, O-Wahu. {3} B100241307.

Leptospermum myrsinoides Schltl., Linnaea 20: 653. 1847. {1} In sandigen Gegenden, im Pine forest-Walde zwischen dem Gawler- und Lightriver. November. {2} HAL0089664 [ST]: Behr, H.H. s.n., 1844-11, Australia, South Australia, zwischen dem Gawler- und Lightriver. {4} HAL0089664 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Lerisca Schltl. (nom. inval.), Bot. Zeitung 3: 476. 1845. {4} Not valid according to ICN Art. 36.1.

Licania humilis Cham. & Schltl., Linnaea 2: 549. 1827. {1} In Brasilia aequinoctiali collegit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia aequinoctiali. {3} BR0000006968366; F0054011F; LE00002020; P00745999.

Licania turiuva Cham. & Schltl. (nom. superfl.), Linnaea 2: 550. 1827. {4} *Hirtella octandra* Hoffmanns. ex Roem. & Schult., Syst. Veg. (ed. 15 bis)5: 274. 1819 was cited in the protologue.

Lichtensteinia Cham. & Schltl. (nom. cons.), Linnaea 1: 394. 1826.

Lichtensteinia lacera Cham. & Schltl. (type species of the genus *Lichtensteinia* Cham. & Schltl.), Linnaea 1: 395. 1826. {1} *Umbellata* in Sieber Flor. cap. exs. n. 213; In Promontorio bonae spei ad montem diaboli orientem versus Aprilis mense florentem legit Bergius. {2} HAL0097779 [ST]: Sieber, F.W., Flora capensis (Sieber, F.W.) 213, s.d., South Africa, Cap bon. spei. Not at HAL: Bergius, K.H.

s.n., Apr. (1815–1817), South Africa, in Promontorio bonae spei ad montem diaboli orientem. {3} G00023376; W0012027; W0012028; W0012029; W1889-0123882; W1889-0312280.

Lichtensteinia pyrethrifolia Cham. & Schltld., Linnaea 1: 397. 1826. {1} In Promontorii bonae spei sylvula Ruyterbosch Februario mense florentem legerunt Mundt et Maire. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., Feb. (1815–1830), South Africa, in Promontorii bonae spei sylvula Ruyterbosch.

Lichtensteinia trifida Cham. & Schltld., Linnaea 1: 396. 1826. {1} In promontorii bonae spei ad Schufdeberg Januario mense florentem legerunt Mundt et Maire. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., Jan. (1815–1830), South Africa, in Promontorii bonae spei ad Schufdeberg.

Ligusticum gmelini Cham. & Schltld. (nom. illeg.), Linnaea 1: 391. 1826. {1} Frequentem hanc plantam legimus in insula Unalashka, ad sinum St. Laurentii, ad sinum Eschscholzii inque insula Chamissonis. {2} HAL0098529 [ST]: Chamisso, L.C.A. von s.n., 1816-08, USA, insula Chamissonis. {3} S-G-3669. {4} Non Vill. 1779.

Linostachys Klotzsch ex Schltld., Linnaea 19: 235. 1846.

Linostachys padifolia Schltld. (type species of the genus *Linostachys* Klotzsch ex Schltld.), Linnaea 19: 235. 1846. {1} *Acalypha filiformis* in litt., Euphorbiaceae no. 1136. Linn. VI. 364. [Euphorbiacearum species fructuosa, ex unico specimine vix determinanda. Misantlae. Mart.] In Mexico tropica et temperata (Leibold n. 238 et 246), ad Misantla et Papantla (Schiede). {2} HAL0103847 [LT]: Leibold, F.E. 246, 1839–1844, Mexico, Mexico tropica. Not at HAL: Leibold, F.E. 238, 1839–1844, Mexico, Mexico tropica. Not at HAL: Schiede, C.J.W. s.n. “1136”, 18??-03, Mexico, ad Misantla et Papantla. {3} F0BN005320 (photo in F); G00074296. {4} LT designated by Muñoz Rodríguez, P., Cardiel, J.M. & Atha, D.E., Phytotaxa 166: 212. 2014; ≡ *Acalypha schlechtendaliana* Müll.Arg. (nom. nov.), Linnaea 34: 6. 1865. Schlechtendal’s citation of number “1136” refers to “Linnaea 6: 364. 1831.”

Linostachys urticifolia Klotzsch ex Schltld., Linnaea 19: 235. 1846. {1} [...] plantas Karstenianas e Venezuela accepi, inter quas sub. no. 127 aderat [...]. {2} HAL0103846 [HT]: Karsten, H. 127, 1844–1856, Venezuela. {4} Non *Linostachys urticifolia* (Poir.) Klotzsch ex Schltld. HAL0101538 is probably a unique specimen that can be considered as HT according to ICN Art. 9.1, Note 1.

Linosyris mexicana Schltld., Ind. sem. hort. hal. 1839: 9. 1839. {1} Not specified. {2} Not at HAL: America?; cult. Bot. Hal.

Linum schideanum Schltld. & Cham., Linnaea 5: 234. 1830. {1} In sylvaticis prope Jalapam, San Andres. Aug. {2} HAL0071002 [ST], HAL0107606 [ST]: Schiede, C.J.W. s.n. “517”, 1828, Mexico, loci diversi specimen mixtum. {3} GOET005413; GOET005414; WU and MO according to Tropicos. {4} K. Werner (HAL) noted on the sheet: “Mixed specimen (HAL0071002 and HAL0107606): originally, all plants and labels were loosely mixed on the sheet. It was impossible to refer the labels to particular plants. Only the Schiede labels from August 1828 belong to the syntypes (Linnaea 5), the other ones to later specimens (cf. Linnaea 12: 265, 1838)”.

Linum tenellum Schltld. & Cham., Linnaea 5: 235. 1830. {1} Prope Jalapam in sylvaticis. Aug. {2} HAL0071003 [ST]: Schiede, C.J.W. 504 “518”, 1828-08, Mexico, Veracruz-Llave, prope Jalapam in sylvaticis. {3} GOET005416; WU according to Tropicos. {4} HAL0070984 (Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in graminosis et dumetis apricis prope Jalapam) is not type material.

Lippia myriocephala Schltld. & Cham., Linnaea 5: 98. 1830. {1} In sylvis Jalapensibus. Oct. {2} HAL0098261 [HT]: Schiede, C.J.W. & Deppe, F. s.n. “133”, 1828-10, Mexico, Veracruz-Llave, in sylvis Jalapensibus. {4} A NT was designated by Salimena, F.R.G., Darwiniana 40: 123. 2002, but this neotypification is superseded according to ICN Art. 9.19, since type material has been found in HAL, which seems to be unique material that can be considered as HT according to ICN Art. 9.1, Note 1.

Lisianthus nigrescens Schltld. & Cham., Linnaea 6: 388. 1831. {1} In sylvis Papantlae. Dec. {2} HAL0022070 [HT?]: Schiede, C.J.W. s.n. “1212”, 1828-12, Mexico, Veracruz-Llave, in sylvis Papantlae. {4} HAL0022070 was annotated as HT by R.E. Weaver (DUKE) 1970 and designated as “type” by Weaver, R.E., J. Arnold Arbor. 53: 246. 1972, which seems to be correct (as HT) according to Art. 9.1, Note 1, i.e., HAL0022070 represents probably a unique specimen.

Lisianthus pedunculatus Cham. & Schltld., Linnaea 1: 199. 1826. {1} In Brasiliae interioribus regionibus legit Sellow. {2} HAL0021500 [ST], HAL0091246 [ST]: Sellow, F. s.n., 1814–1831, Brazil, in regionibus inferioribus.

Lisianthus saponarioides Schltld. & Cham., Linnaea 6: 389. 1831. {1} Ad margines sylvarum Papantlae. Jan. {2} HAL0022068 [lectotype, **designated here**], HAL0022069: Schiede, C.J.W. s.n. “1213”, 1829-01, Mexico, Veracruz-Llave; ad margines sylvarum Papantlae. {4} HAL0022068 was annotated as HT by R.E. Weaver (DUKE) 1970. Later, material at HAL was cited by Weaver, R.E., J.

Arnold Arbor. 53: 236. 1972 [“HAL!”] as type. We follow Weaver’s intention and designate HAL0022068 as LT.

Lisianthus speciosus Cham. & Schltl., Linnaea 1: 198. 1826. {1} Crescit in Brasiliae regionibus interioribus. Sellow misit. {2} HAL0022052 [ST]: Sellow, F. s.n., 1814–1831, Brazil, in regionibus inferioribus. {4} HAL0022052 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Loasa rhoeadifolia Schltl., Linnaea 14: 382. 1841. {1} Cuesta grande de Chiconquiaco Sept. {2} Not at HAL: Schiede, C.J.W. s.n., 18??-09, Mexico, Cuesta grande de Chiconquiaco.

Lobelia grandidentata Schltl., Linnaea 9: 262. 1834. {1} Cuesta grande de Chiconquiaco. {2} Not at HAL: Schiede, C.J.W. s.n., 18??, Mexico, Cuesta grande de Chiconquiaco. {3} B100244139; MO-185376; P00714286.

Lobopogon Schltl., Linnaea 20: 620. 1847.

Lobopogon ericoides Schltl. (type species of the genus *Lobopogon* Schltl.), Linnaea 20: 620. 1847. {1} Auf kalkig-sandigem Boden (Sandplaine) bei Bethanien, August. {2} Not at HAL: Behr, H.H. s.n., 1845-08, Australia, Süd-Australien, bei Bethanien. {3} AD98126244 [NT]; INT: B100249493; CANB351212; GOET003218; K000848187; K000848188; MEL629993; NSW. {4} NT designated by Bates, R., J. Adelaide Bot. Gard. 6: 67–71. 1982. [“Bates, R. 958, 1981-05-27, South Australia, Barossa Valley, Southern Lofty region, sandy scrubland 6 km south-west of Bethany (34°34’S 138°50’E) (AD98126244; INT: B, BM, CANB, GOET, K, MELB, NSW)”].

Logania linifolia Schltl., Linnaea 20: 605. 1847. {1} An felsigen Stellen. {2} HAL0069877 [ST]: Behr, H.H. s.n. “91”, 1844–1845, Australia, Süd-Australien, an felsigen Stellen. {4} HAL0069877 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Lopezia albiflora Schltl., Linnaea 24: 696. 1851. {1} *Lopezia villosa* hort. In tepidario culta per hiemem laete floret. Mexico forsans patria est. {2} Not at HAL: Mexico? Cult. in Hort. Bot. Halensi.

Lopezia trichota Schltl., Linnaea 12: 273. 1838. {1} Cuesta blanca in porphyriticis Aug. (C. Ehrenberg). {2} HAL0028104 [ST]: Ehrenberg, C.A. 626, 1836-08, Mexico, Hidalgo, Mineral del Monte, Cuesta blanca in porphyriticis. {4} HAL0028104 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Loranthus buxifolius Cham. & Schltl., Linnaea 3: 207. 1828. {1} Circa Talcaguano Chile iisdem locis [...]. {2} HAL0098586 [ST]: Chamisso, L.C.A. von s.n., 1816, Chile, Bío-Bío, Circa Talcaguano Chile iisdem locis et arboribus mixtim cum praecedente crescens, imo alter in altero parasiticus.

Loranthus deppeanus Schltl. & Cham., Linnaea 5: 172. 1830. {1} Prope Jalapam. Aug. {2} HAL0097773 [ST], HAL0107388 [ST]: Schiede, C.J.W. & Deppe, F. 507b “405”, 1828-08, Mexico, Veracruz-Llave, in arboribus parasiticus prope Jalapam. {3} GOET005498; PR according to Tropicos.

Loranthus elegans Cham. & Schltl., Linnaea 3: 209. 1828. {1} In promontorio bonae spei ad Caledonskluft Martio florentem Mundt, aliisque locis Krebs legerunt. {2} HAL0098469 [ST]: Krebs, L. s.n., 1829, South Africa, Prom. bon. spei. {4} HAL0098469 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Loranthus flagellaris Cham. & Schltl., Linnaea 3: 213. 1828. {1} In Brasilia meridionali semel legit Sellowius. {2} HAL0098468 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {4} HAL0098468 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Loranthus formosus Cham. & Schltl. (nom. illeg.), Linnaea 3: 211. 1828. {1} In Brasilia tropica legit Sellow. {2} HAL0098467 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {4} Non Blume 1826; ≡ *Psittacanthus formosus* G.Don (nom. nov.), Gen. hist. 3: 416. 1834. HAL0098467 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Loranthus magdalenae Cham. & Schltl. (nom. nud.), Linnaea 3: 219. 1828. {1} Ex America meridionali. [in h. Balbis.]. {2} Not at HAL: Anonymous collector s.n., s.d., s.l. {4} ≡ *Loranthus magdalenae* Cham. & Schltl. ex DC., Prodr. 4: 292. 1830.

Loranthus philippensis Cham. & Schltl., Linnaea 3: 204. 1828. {1} In nemoribus et fruticetis circa Tierra alta Luconiae. {2} HAL0098466 [ST]: Chamisso, L.C.A. von s.n., 1817, Philippines; Tierra alta Luconiae. {3} K000844726.

Loranthus plumieri Cham. & Schltl., Linnaea 3: 211. 1828. {1} *Lonicera* Plum. Nov. Gen. p. 17, t. 37; Id. pl. amer. p. 158, t. 166, f. 1. {4} In this case, it is necessary to designate an iconotype: Plumier, C., Nov. pl. amer.: 17, t. 37. 1703 or Plumier, C. & Burman, J., Pl. amer., Fasc. 7: 158, t. 166, f. 1. 1758.

- Loranthus podopterus* Cham. & Schltl., Linnaea 3: 218. 1828. {1} In Brasilia aequinoctiali. Specimen nostrum mancum. {2} Not at HAL: (Sellow, F. s.n., 1814–1831), Brazil, Brasilia aequinoctiali. {3} M [NT]. {4} NT designated by Kuijt, J., Plant Div. Evol. 129: 200. 2011. [“Martius, C. s.n., s.d. Brazil, in prov. Minarum campis Taboleiro inter fl. Rio Verde et S. Francisci.”]. The same specimen designated as LT of *Loranthus pterygopus* Mart. by Kuijt, J., Taxon 43: 187–199. 1994.
- Loranthus quercicola* Schltl. & Cham., Linnaea 5: 173. 1830. {1} In ramis Quercuum aliarumque arborum parasiticus prope Jalapam. Aug. {2} HAL0098465 [ST]: Schiede, C.J.W. & Deppe, F. 508b “406”, 1828-08, Mexico, Veracruz-Llave, in ramis Quercuum aliarumque arborum parasiticus prope Jalapam. {3} M according to Tropicos.
- Loranthus radicans* Cham. & Schltl., Linnaea 3: 217. 1828. {1} In Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica.
- Loranthus retusus* Cham. & Schltl., Linnaea 3: 215. 1828. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali.
- Loranthus salicifolius* Cham. & Schltl., Linnaea 3: 216. 1828. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali.
- Loranthus schiedeanus* Schltl. & Cham., Linnaea 5: 172. 1830. {1} Prope Jalapam. Aug. {2} HAL0098456 [ST], HAL0107354 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “404”, 18??-08, Mexico, Veracruz-Llave, prope Jalapam. {3} BR0000005216345; GOET005496; MO-125179; LE and M according to Tropicos.
- Loranthus thyrsoiflorus* Cham. & Schltl., Linnaea 3: 214. 1828. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} P00210889 [LT]. {4} LT designated by Kuijt, J., Phytotaxa 181: 120. 2014.
- Lotus coccineus* Schltl., Linnaea 21. 452. 1848. {1} Auf sandigen Aeckern bei Bethanien. December. {2} HAL0069717 [HT]: Behr, H.H. s.n. “195”, 1844-12, Australia, South Australia, auf sandigen Äckern bei Bethanien. {4} HAL0069717 is undoubtedly a unique specimen used by D.F.L. von Schlechtendal for the original description and can thus be considered as HT (ICN Art. 91, Note 1).
- Loudonia behrii* Schltl., Linnaea 20. 648. 1847. {1} Auf unfruchtbarem Sandboden gesellschaftlich. November. {2} HAL0098153 [ST]: Behr, H.H. s.n. “166”, 1844-11, Australia, auf unfruchtbarem Sandboden, gesellschaftlich. {3} G00355775; JE00002786; K000704068; MEL39635.
- Lupinus campestris* Schltl. & Cham., Linnaea 5: 589. 1830. {1} Llanos inter Perote et Tlachichucam. Sept. {2} HAL0033811 [ST], HAL0033815 [ST], HAL0033816 [ST]: Schiede, C.J.W. & Deppe, F. 245 “664”, 1828-09-05, Mexico, Veracruz-Llave, in los Llanos inter Perote et Tlachichuca.
- Lupinus ehrenbergii* Schltl., Linnaea 12: 334. 1838. {1} Mineral del Monte (C. Ehrenberg); alio loco (Hegewisch in hb. Lehm. et Hamp.). {2} HAL0033812 [ST]: Ehrenberg, C.A. 295, 1831–1840, Mexico, Hidalgo, Mineral del Monte (Real del Monte). Not at HAL: Hegewisch, E.F.A. s.n., s.d., Mexico.
- Lupinus leptophyllus* Schltl. & Cham., Linnaea 5: 589. 1830. {1} Llanos inter Tlachichucam et Tepetitlan. Sept. {2} HAL0033813 [ST]: Schiede, C.J.W. & Deppe, F. 246 “665”, 1828-09-06, Mexico, Veracruz-Llave, inter Tlachichuca et Tepetitlan, in Llanos. {4} HAL0033813 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).
- Lupinus uncinatus* Schltl., Linnaea 12: 333. 1838. {1} Mineral del Monte (C. Ehrenberg). {2} HAL0033817 [ST]: Ehrenberg, C.A. 295, 1831–1840, Mexico, Hidalgo, Mineral del Monte (Real del Monte). {4} HAL0033817 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).
- Lupinus vaginatus* Schltl. & Cham., Linnaea 5: 590. 1830. {1} In monte Orizaba. Sept. {2} HAL0033881 [ST]: Schiede, C.J.W. & Deppe, F. 243 “666”, 1828-09-07, Mexico, Veracruz-Llave, in monte Orizaba. {3} F0BN002013 (photo in F).
- Luzula campestris* (L.) DC. var. *elata* Schltl., Fl. Berol. 1: 203. 1823. {1} Sehr häufig. {2} HAL0069139 [LT]: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin. {4} LT designated by Kirschner, J., Fl. World 6: 104. 2002.
- Luzula campestris* (L.) DC. var. *nana* Schltl. (in herb.). {2} HAL0069140 [AS]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin. {4} ≡ *Luzula campestris* var. *pumila* Schltl.
- Luzula campestris* (L.) DC. var. *pumila* Schltl., Fl. Berol. 1: 203. 1823. {1} Sehr häufig. {2} HAL0069140 [LT]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin. {4} ≡ *Luzula campestris* var. *nana* Schltl. (in herb.); LT designated by Kirschner, J., Fl. World 6: 104. 2002.

Luzula erecta Desv. var. *conferta* Schldtl., Fl. Berol. 1: 203. 1823. {1} Tempelhoff, Thiergarten, Jungfernheide, Papenberge, Freyenwalde, Pritzhagen, etc. {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.

Luzula erecta Desv. var. *micrantha* Schldtl., Fl. Berol. 1: 204. 1823. {1} Tempelhoff, Thiergarten, Jungfernheide, Papenberge, Freyenwalde, Pritzhagen, etc. {2} HAL0069172 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Luzula erecta Desv. var. *pallescens* Schldtl., Fl. Berol. 1: 204. 1823. {1} Tempelhoff, Thiergarten, Jungfernheide, Papenberge, Freyenwalde, Pritzhagen, etc. {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.

Lychnis apetala L. var. *gentianoides* Cham. & Schldtl., Linnaea 1: 43. 1826. {1} E sinu Eschscholzii? {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., E sinu Eschscholzii? {3} LE. {4} Bocquet, G., Candollea 22: 24. 1967 [*Lychnis apetala* L. β *gentianoides* Cham. & Schlecht. Linnaea 1: 43. 1826. Type: probablement golfe d'Eschscholz, cum inscriptione "*L. apetala* β *gentianoides* N. Sinus Eschscholzii?" in Chamissonis scriptura (holo. B deletus; iso. LE)"].

Lychnis apetala L. var. *hortensis* Cham. & Schldtl., Linnaea 1: 43. 1826. {1} Not specified. {2} Not at HAL: Seringe, N.C. s.n., s.d., s.l. {3} G00215754 [LT]. {4} LT designated by Bocquet, G., Candollea 22: 3. 1967.

Lychnis apetala L. var. *involutrata* Cham. & Schldtl., Linnaea 1: 43. 1826. {1} Locus natalis? {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., s.l. {3} LE. {4} Bocquet, G., Candollea 22: 22. 1967 [*Lychnis apetala* L. γ *involutrata* Cham. & Schlecht. Linnaea 1: 43. 1826. Type: ex hb. Chamissonis in LE (isotypus; holo. in B: deletus) scheda cum inscriptione a Cham. scripta: "*Silene apetala* γ *involutrata* – Red Kamt??" [verosim. Redowsky Kamtchatka)."]

Lychnis apetala L. var. *mollis* Cham. & Schldtl., Linnaea 1: 43. 1826. {1} Locus natalis? {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., s.l. {3} LE. {4} Bocquet, G., Candollea 22: 25. 1967 [*Lychnis apetala* L. ϵ *mollis* Cham. & Schlecht. Linnaea 1: 43. 1826; G.Don, Gen. Syst. Bot. Gard. 1: 416. 1831. Type: Regions arctiques, "*Lychnis apetala* ϵ *mollis* – ex arcticis – Ch.", de la main de Chamisso avec une surcharge rouge ultérieure, sans localité, sans date, mais probablement de la mer de Behring, Chamisso s.n. (néoholotype LE, holo. probablement détruit BE)"].

Lychnis apetala L. var. *macropetala* Cham. & Schldtl., Linnaea 1: 44. 1826. {1} Sinus et insula St. Laurentii in frigidissimus rupibus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Sinus et insula St. Laurentii in frigidissimus rupibus. {3} BR0000006981327; LE. {4} Bocquet, G., Candollea 22: 26. 1967 [*Lychnis apetala* L. ζ *macropetala* Cham. & Schlecht. Linnaea 1: 44. 1826; G.Don, Gen. Syst. Bot. Gard. 1: 416. 1831 [*macrocephala* sphalm.]. Type: Ile de St-Laurent, avec une détermination de la main de Chamisso et une surcharge à Pencre rouge, Chamisso s.n. (néoholotype LE; holo. détruit à BE: specimens parasités par de l'*Ustilago violacea*)."]

Lychnis pulchra Schldtl. & Cham., Linnaea 5: 234. 1830. {1} H.W. n. 9035 (spec. Humboldtii Mexicanum). {2} Not at HAL: Humboldt, F.W.H.A. von & Bonpland, A.J.A. 4139?, Sep. (1799–1804), Mexico, ad radices montis Orizabae rarius. {3} B-W09035.

Lycium cestroides Schldtl., Linnaea 7: 70. 1832. {1} In Brasilia meridionali prope San Josè do Uruguay detexit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia meridionali prope San José do Uruguay. {3} BM000992167; F0072951F; F0BN002468 (photo in F).

Lycium ciliatum Schldtl., Linnaea 7: 69. 1832. {1} In Brasilia meridionali ad fluvium Rio Negro legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionali as fluvium Rio Negro. {3} F0072954F; F0BN002470 (photo in F); K000586014.

Lycopodium nitens Schldtl. & Cham., Linnaea 5: 623. 1830. {1} In arboribus vetustis prope Jalapam. Aug. {2} HAL0081862 [ST]: Schiede, C.J.W. & Deppe, F. s.n., 1829-08, Mexico, Veracruz-Llave, in arboribus vetustis prope Jalapam. {3} BM000936462; K000574454; LE00000297; LE00000351; US00135530.

Lycopodium pithyoides Schldtl. & Cham., Linnaea 5: 623. 1830. {1} In arboribus velutis prope Jalapam. Aug. {2} HAL0137316 [AS], HAL0137317 [AS]: Schiede, C.J.W. & Deppe, F. s.n. "832", 1829-05, Mexico, Veracruz-Llave, in arboribus vetustis prope Jalapam. {3} LE00000298. {4} The two collections in HAL, dated May 1829, cannot be considered genuine type material. \equiv *Lycopodium mandiocanum* Raddi var. *mexicanum* Spring (nom. nov.), Mem. Acad. Roy. Sci. Belgique 15: 45. 1842.

Lycopodium pumilum Schldtl. (nom. superfl.), Adumbr. pl. 1: 6. 1825. {4} *Lycopodium pygmaeum* Kaulf. and *Lycopodium bryoides* Kaulf. were cited in the protologue.

Lycopodium rubrum Cham. & Schldtl., Linnaea 8: 389. 1833. {1} In Brasilia intratropica semel repertum collegit Sellowius misitque specimina perfecta plura. {2} HAL0081861 [ST]: Sellow, F. s.n., 1831-11], Brazil; Bras. aequin. {3} K000574445; LE00000301; P00559279.

Lyncea Cham. & Schldtl., Linnaea 5: 108. 1830.

Lyncea hispida Schldtl. & Cham. (type species of the genus *Lyncea* Cham. & Schldtl.), Linnaea 5: 109. 1830. {1} In sylvaticis prope Hacienda de la Laguna. Septbr. {2} HAL0097784 [ST], HAL0107359 [ST]: Schiede, C.J.W. 635 “184”, 1828-09, Mexico, Veracruz-Llave, in sylvaticis prope Hacienda de la Laguna.

Lysipomia glandulifera Schldtl. (nom. nud.), Berberid. Amer. Austral.: 58. 1857. {2} HAL0113284 [ST]: Lechler, W., Plantae peruviana Ed. R.F. Hohenacker 2076, 1854-07, Peru, Tabina, in sum. Cord. jug. {3} BR0000006955113; G00237775; G00237776; K000494223; NY00547212; P00714471; P00714472. {4} ≡ *Pratia glandulifera* Schldtl. ex Wedd., Chloris Andina 2: 11. t. 45. 1858.

Lythrum punicefolium Cham. & Schldtl., Linnaea 2: 356. 1827. {1} Vidimus hujus plantae specimina ex insula Creta ad Caneam lecta atque e Sicilia inter Portella di Blasi et Camerata a Schweiggero collecta. [*Salicaria cretica* punicae folio Tournef. Cor. p. 18 fide specim. Hb. Gundelsheimeri!; *Lythrum thymifolium* Sieb. Fl. Cret. exs.]. {2} Not at HAL: Sieber, F.W., Sieber, Herb. Fl. Cret. s.n., s.d., Greece, Crete. Not at HAL: Schweigger, A.F. s.n., s.d., Italy, Sicilia inter Portella di Blasi et Camerata.

M

Machaerophorus Schldtl. (nom. rej.), Linnaea 28: 469. 1857. {4} Nom. rej. against *Sibara* Greene (nom. cons.), Pittonia 3(13): 10. 1896.

Machaerophorus matthioides Schldtl. (type species of the genus *Machaerophorus* Schldtl.), Linnaea 28: 469. 1857. {1} W. Lechler pl. peruv. ed. Hohenacker n. 1702. In rupestribus Cordillerae de Tuno Majo m. 1854. {2} HAL0085367 [LT]: Lechler, W., Plantae peruviana 1702, 1854-05, Peru, in rupestr. Cord. de Tuno. {3} G00371824; G00389254; GOET002635; K000772470; W0050785. {4} LT designated by Hoffmann, M.H., Schlechtendalia 4: 37. 2000, erroneously as HT, but correctable to LT according to ICN Art. 9.9.

Machaonia spinosa Cham. & Schldtl., Linnaea 4: 2. 1829. {1} In Brasilia legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} G00436389.

Magnolia schiedeana Schldtl., Bot. Zeitung 22: 144. 1864. {1} [...] welche von Dr. Schiede im Juni 1829 zwischen San Salvador und Jalapa blühend gesammelt [...]. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. 296, 1829-06-01, Mexico, between San Salvador and Jalapa. {3} F0062549F; P00734824 [LT]. {4} LT designated by Vázquez, G., Brittonia 46: 17. 1994 [“LT: P, F-fragment and photo ex P; ILT: OXF, B, BM”].

Mahonia ilicina Schldtl. (nom. nov.; nom. illeg.), Linnaea 10: 236. 1836. {4} ≡ *Mahonia trifolia* Schldtl. & Cham., Linnaea 5: 211. 1830; cf. Bot. Zeitung 12: 655. 1854.

Mahonia trifolia Schldtl. & Cham., Linnaea 5: 211. 1830. {1} In planitie inter Guantotalapa et Tlachichuca. Sept. sterilis. {2} Not at HAL: Schiede, C.J.W., 1829-09, Mexico, in planitie inter Guantotalapa et Tlachichuca. {3} B100267281.

Maizilla Schldtl. (nom. illeg.), Bot. Zeitung 8: 601. 1850. {4} ≡ *Paspalanthium* Desv. 1831.

Malaxis maianthemifolia Cham. & Schldtl., Linnaea 6: 59. 1831. {1} Not specified. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. s.n. “1037”, 18??. Mexico. {3} BM according to Tropicos. {4} Details regarding locality, date and collector are not given in the protologue, but according to the title of the paper (“Plantarum mexicanarum a cel. viris Schiede et Deppe collectarum, recensio brevis”), the original material must have been collected by Schiede and Deppe in Mexico.

Malva behriana Schldtl., Linnaea 20: 633. 1847. {1} Im Thale des Murray-Flusses. Juli. {2} HAL0098406 [ST]: Behr, H.H. s.n. “145”, 1845-07, Australia, im Thale des Murray-Flusses. {4} HAL0098406 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Malva geranioides Schldtl. & Cham., Linnaea 5: 226. 1830. {1} Llanos de Perote. Sept. {2} HAL0043666 [ST]: Schiede, C.J.W. & Deppe, F. 577 “477”, 1828-09, Mexico, Llanos de Perote. {3} F0BN018272 (photo in F).

Malva ribifolia Schldtl., Linnaea 11: 351. 1837. {1} Mineral del Monte (C. Ehrenberg). {2} HAL0043664 [ST]: Ehrenberg, C.A. 283, 1831–1840, Mexico, Hidalgo, Mineral del Monte. {4} HAL0043664 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Malvaviscus arboreus Cav. var. *cubensis* Schltld., Linnaea 11: 360. 1837. {1} In insula Cuba in fruticetis vulgarem legit Poeppig. (Hb. Kunze). {2} Not at HAL: Poeppig, E.F. s.n., 1822–1824, Cuba. {4} Type information according to Fryxell, P.A., Syst. Bot. Monogr. 25: 292. 1988 [“Type: Cuba, Poeppig s.n. ex herb. Kunze (holotype: LZ, destroyed: isotype: W?)”].

Malvaviscus arboreus Cav. var. *mexicanus* Schltld., Linnaea 11: 359. 1837. {1} Pr. Tampico de Tamaulipas (Berlandier 1827, herb. Kunze), pr. Veracruze (G. Schiede), pr. Mexico (Hegewisch hb. Lehmann). {2} Not at HAL: Berlandier, J.L. s.n., 1827–1830, Mexico, Pr. Tampico de Tamaulipas. Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico, pr. Veracruze. Not at HAL: Hegewisch, E.F.A. s.n., s.d., Mexico, pr. Mexico. {4} LT designated by Fryxell, P.A., Syst. Bot. Monogr. 25: 292. 1988 [“Type: Mexico. Veracruz: pr. Veracruz, Schiede s.n. (lectotype, here designated: HAL).”]. The cited material at HAL could not be traced and is probably not maintained.

Malvaviscus sepium Schltld., Linnaea 5: 227. 1830; Linnaea 11: 361. 1837. {1} *M. concinnus* ? Linn. V. p. 227. n. 480. In sepibus pr. Jalapam. Aug. et Junio fl. (Schiede). {2} HAL0098400 [ST]: Schiede, C.J.W. s.n. “480”, 1829-06, Mexico, Veracruz-Llave, in sepibus prope Jalapam. {3} BM000645395; F0BN009428 (photo in F); GOET007743; P02285847; U0003859. Notes: Schlechtendal’s citation of number “480” refers to “Linnaea 5: 227. 1830.”

Mammillaria schiedeana Ehrenb. ex Schltld., Allg. Gartenzeitung 6: 249. 1838. {1} cult. in verschiedenen Gärten (Kassel, Halle, Berlin). {2} Not at HAL: Mexico?

Manettia ciliata Cham. & Schltld., Linnaea 4: 176. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} F0BN000186 (photo in F).

Manettia fimbriata Cham. & Schltld., Linnaea 4: 173. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} F0BN000198 (photo in F).

Manettia gardneriana Schltld., Linnaea 28: 544. 1857. {1} Manettiam denique a Gardero in Brasilia lectam et sub. n. 1699 communicatam, [...]. {2} HAL0114152 [ST]: Gardner, G. 1699, 1837, Brazil. {4} HAL0114152 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Manettia glabra Cham. & Schltld., Linnaea 4: 169. 1829. {1} In Brasilia meridionalis provinciis legit Sellow ad fluviorum ripas (S. Josè do Uruguay, Rincon das Gallinas, Sandu ad Rio negro). {2} HAL0098544 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {4} HAL0098544 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Manettia gracilis Cham. & Schltld., Linnaea 4: 169. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} F0BN000194 (photo in F).

Manettia pseudodioica Cham. & Schltld. (nom. illeg.), Linnaea 4: 174. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} F0BN000187 (photo in F). {4} ≡ *Diodia pedunculata* Spreng., Syst. Veg. 1: 405. 1825.

Manettia pubescens Cham. & Schltld., Linnaea 4: 170. 1829. {1} In Brasilia meridionali legit Sellow. {2} HAL0098545 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {4} HAL0098545 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Manettia villosa Cham. & Schltld., Linnaea 4: 172. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} F0BN000189 (photo in F).

Margaranthus Schltld., Ind. sem. hort. hal. 1838: 8. 1838.

Margaranthus solanaceus Schltld. (type species of the genus *Margaranthus* Schltld.), Ind. sem. hort. hal. 1838: 8. 1838. {1} Nascitur in terris Mexicanis locis calidioribus, semina misit C. Ehrenberg studiosissimus Florae Mexicanae indagator. {2} HAL0033693 [HT]: Schlechtendal, D.F.L. von s.n., 1838, Germany, cult. in Horto Botanico Halensi [e seminis in Mexico locis calidioribus coll. C. Ehrenberg]. {4} *Margaranthus solanaceus* was undoubtedly based on a single specimen (HAL0033693) which can accordingly be considered as HT (ICN Art. 9.1, Note 1).

Mariscus bracteosus Schltld., Linnaea 25: 164. 1852. {1} In provincia Sta. Catharinae Brasiliae semina leg. C. Pabst, quae a 1851 terrac tradidimus. {2} Not at HAL: Pabst, C. s.n., 1851, Brazil, Sta. Catharinae.

Mariscus schaffnerianus Schltld., Linnaea 26: 379. 1854. {1} Not specified. {2} Not at HAL: Schaffner, J.W. s.n., s.d., Mexico.

Martynia triloba Schltld. & Cham., Linnaea 5: 121. 1830. {1} Prope Vera-Cruz. Jul. {2} HAL0043262 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “242”, 1828-07, Mexico, Veracruz-Llave, prope Veracruz. {4} HAL0043262 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

- Melaleuca curvifolia* Schltld., Linnaea 20: 654. 1847. {1} Am Lightriver. Februar. {2} HAL0098163 [ST]: Behr, H.H. s.n. "175", 1845-02, Australia, am Lightriver. {3} G00222936.
- Melampodium divaricatum* (Rich.) DC. var. *macranthum* Schltld., Linnaea 24: 198. 1852. {1} Semina legit D. Warscewicz in Guatemala. {2} Not at HAL: Warscewicz, J. s.n., s.d., Guatemala, cult. ex Guatemala in Hortus Turicensis.
- Melanthium bergii* Schltld., Linnaea 1: 83. 1826. {1} Crescit ad Promontorium bonae spei in locis humidis et inundatis. Floret Augusto. Bergius. {2} Not at HAL: Bergius, K.H. s.n., Aug. (1815–1817), South Africa, Promontorium bonae spei.
- Melanthium marginatum* Schltld., Linnaea 1: 84. 1826. {1} *Melanthium capense* Hb. Lichtenstein. Crescit in Promontorio bonae spei. Lichtenstein. {2} Not at HAL: Lichtenstein, M.H.C. s.n., s.d., South Africa, Promontorio bonae spei.
- Melastoma anisotrichon* Schltld., Linnaea 13: 427. 1839. {1} Mexico: inter San Miguel del soldado et la Joya, Jun fruct. rarissime flores ferens. {2} Not at HAL: Schiede, C.J.W. s.n., 18??-06, Mexico, inter San Miguel del soldado et la Joya.
- Melastoma arboreum* Schltld. (nom. illeg.), Linnaea 13: 424. 1839. {1} Inter Tioselo et Jicochimalco. Aug. fruct. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 1829-08, Mexico, inter Tioselo et Jicochimalco. {3} BM001008041; BR0000005223084; GOET007920 [LT]; K000535793. {4} Non Vell. 1825; = *Conostegia arborea* Steud. (nom. nov.), Nomencl. Bot. (ed. 2)1: 405. 1841. LT designated by Kriebel, R., PhytoKeys 67: 1–326. 2016. ["LT: GOET, ILT: BM, K, LE"].
- Melastoma cornoides* Schltld. & Cham., Linnaea 5: 563. 1830. {1} Frutescens in sylvis umbrosis prope Jalapam. April. florens, Aug. fructiferum. {2} HAL0065112 [ST]: Schiede, C.J.W. 155, 1828-08, 1829-04, Mexico, Veracruz-Llave, in sylvis umbrosis prope Jalapam. {3} BR0000005186808; GOET007950.
- Melastoma glaberrimum* Schltld., Linnaea 13: 421. 1839. {1} Barranca de Tioselo, inter Tioselo et Jicochimalco, Aug. fruct.; in sylvis Jalapensibus. Majo fruct. (Schiede). {2} HAL0107621 [ST]: Schiede, C.J.W. s.n., Aug., May (1829–1836), Mexico, Veracruz-Llave, inter Tioselo et Jicochimalco vel in sylvis Jalapensibus. {3} BR0000005211494; CAS0003356; F0BN017067 (photo in F); GOET007999. {4} Label of HAL0107621 without any information on the type locality.
- Melastoma glaucocarpum* Schltld., Linnaea 13: 421. 1839. {1} Cumbre del Obispo, Sept. fruct., Serro colorado, Aug. fruct. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 1829-09, Mexico, Cumbre del Obispo. Not at HAL: Schiede, C.J.W. s.n., 1829-08, Mexico, Serro colorado. {3} BM001008111; GOET008009.
- Melastoma globuliflorum* Schltld. & Cham. (nom. illeg.), Linnaea 5: 564. 1830. {1} In sylvis Jalapensibus. Aug. {2} HAL0065105 [ST]: Schiede, C.J.W. s.n., 1828-05, Mexico, Veracruz-Llave, in sylvis Jalapensibus. {3} BR0000005212163; CAS0003357; F0BN017069 (photo in F); GOET008000; US00120452; US00131626. {4} Non Rich. 1792; = *Miconia globulifera* Naudin (nom. nov.), Ann. Sci. Nat., Bot., sér. 3, 16(2): 139. 1851.
- Melastoma laxiflorum* Schltld., Linnaea 13: 426. 1839. {1} Ad Hac. de la Laguna in umbrosis Aug. fruct. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 1828-08, Mexico, Veracruz-Llave, ad Hac. de la Laguna. {3} F0BN017229 (photo in F).
- Melastoma lineatum* Schltld., Linnaea 13: 423. 1839. {1} Loco hand indicato in terris Mexicanis (leg. Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico.
- Melastoma petiolare* Schltld. & Cham., Linnaea 5: 562. 1830. {1} Frutescens in sylvaticis Misantlae. Feb. – In dumetis prope Hacienda de la Laguna. Sept. {2} Not at HAL: Schiede, C.J.W. s.n., 1828-02, Mexico, in sylvaticis Misantlae. Not at HAL: Schiede, C.J.W. s.n., 1828-09, Mexico, in dumetis prope Hacienda de la Laguna. {3} BR0000005184408; F0BN017234 (photo in F); MO-103762.
- Melastoma scorpioides* Schltld. & Cham., Linnaea 5: 564. 1830. {1} Cuesta grande de Chiconquiaco regionis temperatae. Mart. {2} Not at HAL: Schiede, C.J.W. s.n., 1828-03, Mexico, Cuesta grande de Chiconquiaco regionis temperatae. {3} BR0000005216864; BR0000005217199; US00120457.
- Melastoma serrulatum* Schltld. (nom. illeg.), Linnaea 13: 425. 1839. {1} Huitamalco, Dec. flor. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 1828-12, Mexico, Huitamalco. {4} Non Spreng. 1825.
- Melastoma sylvaticum* Schltld., Linnaea 13: 422. 1839. {1} In sylvis Jalapensibus, Majo flor., Aug. fruct. {2} HAL0065109 [ST]: Schiede, C.J.W. s.n., 1828-05, Mexico, in sylvis Jalapensibus. {2} Not at HAL: Schiede, C.J.W. s.n., 1828-08, Mexico, in sylvis Jalapensibus. {3} BR0000005218134; G00353797; GOET008002.
- Merckia* Fisch. ex Cham. & Schltld. (nom. illeg.), Linnaea 1: 59. 1826. {4} Non Borkhausen 1792; = *Wilhelmsia* Rchb. (nom. nov.), Consp. Regn. Veg.: 206. 1828.

Metastelma suaveolens Schltld., Linnaea 26: 667. 1854. {1} Guareyma, alt. 3000 ped., Jun. flores. {2} Not at HAL: Wagener, H. s.n., 18??-06, Venezuela, Guareyma, alt. 3000 ped.

Meyenia Schltld. (nom. illeg.), Linnaea 8: 251. 1833. {4} Non C.G.D.Nees 1832; ≡ *Habrothamnus* Endl. (nom. nov.), Gen. Pl.: 667. 1839.

Meyenia corymbosa Schltld., Linnaea 8: 252. 1833. {1} Frutex floribus coccineis prope Chiconquiaco. Sept. 29. {2} HAL0075350 [ST], HAL0075351 [ST]: Schiede, C.J.W. s.n. "132", 1829-09, Mexico, Veracruz-Llave, prope Chiconquiaco. {3} P00451611. {4} HAL0075351 was erroneously annotated as HT by J.C. Montero (MEXU) 2003.

Meyenia fasciculata Schltld. (type species of the genus *Meyenia* Schltld.), Linnaea 8: 251. 1833. {1} Frutex floribus coccineis, habitu peculiari pr. Chiconquiaco Sept. 29. {2} HAL0075356 [ST], HAL0107364 [ST]: Schiede, C.J.W. s.n. "131", 1829-09, Mexico, Veracruz-Llave, prope Chiconquiaco. {3} BM000617906; G00342894; MO-153288; P00451614. {4} HAL0107364 was erroneously annotated as HT by J.C. Montero (MEXU) 2003.

Microtis frutetorum Schltld., Linnaea 20: 568. 1847. {1} Im Pine forest genannten Scrubwalde bei Gawlertown. {2} Not at HAL: Behr, H.H. s.n., 1844–1845, Australia, im Pine forest genannten Scrubwalde bei Gawlertown. {3} K-L; MEL99250. {4} Bates, R., J. Adelaide Bot. Gard. 7: 698. 1984, cited material "deposit at HAL" erroneously as HT ["Type: H. Behr s.n., pine forest by Gawler Town (South Australia), X. 1846 (HAL, holo.!, K-L, MEL, iso.!)"]. The cited material at HAL could not be traced and is probably not maintained.

Millingtonia alba Schltld., Linnaea 16: 395. 1842. {1} Arbor alta flore albo Aprili m. florifera Jalapae lecta est a b. Schiede, ibidemque versus S. Andres Augusto m. fructifera, drupis nigris "Palo blanco" Jalapensium. {2} Not at HAL: Schiede, C.J.W. s.n., 1829-04, Mexico, Veracruz, Jalapam. Not at HAL: Schiede, C.J.W. s.n., 1829-08, Mexico; Veracruz, Jalapam. {3} K000601666.

Mimosa pumila Schltld., Linnaea 12: 557. 1838. {1} In solo calcareo ad Reglam occid. versus (C. Ehrenberg). {2} HAL0064731 [ST]: Ehrenberg, C.A. 649, 1836, Mexico, Hidalgo, in solo calcareo ad Reglam occid. versus. {4} HAL0064731 was designated as HT by Grether, R. et al., Fl. Valle Tehuacán-Cuicatlán 44: 14. 2006, which could be correct according to ICN Art. 9.1, Note 1, provided that it is indeed a unique specimen.

Mimosa racemosa Schltld., Linnaea 12: 557. 1838. {1} In Pr. Oajaca leg. Mühlenpfordt. {2} Not at HAL: Mühlenpfordt, F. s.n., s.d., Mexico, in Pr. Oajac.

Mimosa tricephala Schltld. & Cham., Linnaea 5: 591. 1830. {1} Fruticosa, floribus carneis inter Laguna verde et Actopan. Mart. {2} HAL0064977 [ST]: Schiede, C.J.W. 670, 1829-03, Mexico, Veracruz, inter Laguna Verde et Actopan. {3} BM. {4} Annotated as HT by T. Chehaibar (HUH) 1989-02. LT designated by Grether, R. et al., Fl. Valle Tehuacán-Cuicatlán 44: 89. 2006, erroneously as HT ["(holotipo: HAL; isotipo: BM)"], which is, however, not correctable to LT according to ICN Art. 9.9 since Art 7.10 was not met by the latter author.

Misanteca Schltld. & Cham., Linnaea 6: 367. 1831.

Misanteca capitata Schltld. & Cham. (type species of the genus *Misanteca* Schltld. & Cham.), Linnaea 6: 367. 1831. {1} In sylvis Misantlae Mart. cum flore et fructu. – Papantlae. Feb. spec. sterilia. {2} HAL0098333 [ST]: Schiede, C.J.W. & Deppe, F. s.n., 1828-03, Mexico, Veracruz, in sylvis Misantlae. Not at HAL: Schiede, C.J.W. & Deppe, F. s.n., 1828-02, Mexico, Veracruz, Papantlae.

Mitracarpus humboldtianum Cham. & Schltld. (nom. illeg.), Linnaea 3: 358. 1828. {4} *Spermacoce frigida* Willd. ex Roem. & Schult., Syst. Veg. (ed. 15 bis) 3: 531. 1818 was cited in the protologue.

Mitracarpus sellowianus Cham. & Schltld., Linnaea 3: 361. 1828. {1} In Brasiliae meridionalis provinciis Montevideo et Rio grande do Sul pluribus locis (S. José do Uruguay?) collegit Sellowius, [...]. {2} HAL0098318 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Montevideo, Brasilia meridionalis prov. Montevideo et Rio Grande do Sul. {3} F0BN000916 (photo in F); K000016310; L0057634; M0198211.

Mitracarpus torresianus Cham. & Schltld., Linnaea 3: 360. 1828. {1} Legimus in insula Guajan es insulis Marianis. {2} HAL0098316 [ST]: Chamisso, L.C.A. von s.n., 1817-11, Northern Mariana Islands, in Insula Guajan ex insulis Marianis. {4} HAL0098316 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Mitrospora wagneriana Schltld., Linnaea 26: 129. 1853. {1} [...] in savannis lateris merid. Sillae de Caracas, alt. 4000', Oct. (n. 387). {2} Not at HAL: Wagener, H. 387, 18??-10, Columbia, in savannis lateris merid. Sillae de Caracas, alt. 4000'.

Mohria thurifraga Sw. var. *borbonica* Schltld., Adumbr. Pl. 1: 13. 1825. {1} *Mohria crenata* Desv. 1811, *Osmunda marginalis* Sav. 1798; Habitat in Promontorio bonae spei in fissuris rupium humentibus

summi montis diaboli, in parte septentrionali montis tabularis et in monte Leuwenstaart (Bergius v.sp.), ad Hanglip (Mundt et Maire v. sp.), inter Sondags et Vischrievier in montibus rupibusque (Thunberg v.sp.) et in insula Borbonia ad rupes montium (Commerson, Bory St. Vincent, du Petitthouars v. sp.). {2} Not at HAL: Commerson, P. s.n., 1771-08, Réunion [Insul. Bourbon]. Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa, in Promontorio bonae spei in fissuris rupium humentibus summi montis diaboli, in parte septentrionali montis tabularis et in monte Leuwenstaart. Not at HAL: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, ad Hanglip. Not at HAL: Thunberg, C.P. s.n., s.d., South Africa, inter Sondags et Vischrievier in montibus rupibusque. Not at HAL: Bory, J.B.G.M. s.n., s.d., Réunion, in insula Borbonia ad rupes montium. Not at HAL: Thouars, L.M.A. du Petit s.n., s.d., Réunion, in insula Borbonia ad rupes montium. {3} B-W19475 [Aubert du Petit-Thouars, as *Mohria crenata*]; P00466524 [ILT]; P00466525 [LT of *Osmunda marginalis*]. {4} LT of *Osmunda marginalis* Sav. designated by Roux, J.P. S. African J. Bot. 56: 401. 1990. *Mohria thurifera* var. *borbonica* Schltld. was introduced as new name at variety rank. The two species names *Moria crenata* Desv. and *Osmunda marginalis* Sav. were cited as synonyms. The latter name is the oldest valid name and can be considered the basionym for var. *borbonica* (according to ICN, Art. 41.4).

Molinia caerulea (L.) Moench var. *pratensis* Schltld., Fl. Berol. 1: 77. 1823. {1} Im Thiergarten! hinter d. Fasanerie! Jungfernheide! Tegel! Papenberge! Briselang! Friedrichsfelde! Treptow! etc. etc.). {2} HAL0093716 [ST]: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.

Molinia caerulea (L.) Moench var. *sylvestris* Schltld., Fl. Berol. 1: 77. 1823. {1} Im Thiergarten! hinter d. Fasanerie! Jungfernheide! Tegel! Papenberge! Briselang! Friedrichsfelde! Treptow! etc. etc.). HAL0093721 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Monnina angustifolia Schltld. (nom. illeg.), Linnaea 14: 380. 1840. {1} Pr. Mexico (Hegewisch, Mühlenpfordt). {2} Not at HAL: Hegewisch, E.F.A. s.n., s.d., Mexico. Not at HAL: Mühlenpfordt, F. s.n., s.d., Mexico. {4} Non DC. 1824.

Monnina evonymoides Schltld., Linnaea 14: 380. 1840. {1} Pr. Chiconquiaco Sept. 29 (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 1829-09, Mexico, Pr. Chiconquiaco.

Monnina sylvatica Schltld. & Cham., Linnaea 5: 231. 1830. {1} In sylvis Jalapae. Oct. {2} HAL0098386 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “500”, 18??-10, Mexico, Veracruz-Llave, in sylvis Jalapae. {3} LE00006854.

Moronobea montana Schltld. (nom. illeg.), Linnaea 8: 189. 1833. {1} *Moronobea coccinea* Aubl. t. 313, n. 1-9 incl., varietas in montibus crescens. {4} *Moronobea coccinea* Aubl., Hist. Pl. Guiane 2: 789, t. 313. 1775 was cited in the protologue.

Myoporum punctulatum Schltld., Linnaea 20: 613. 1847. {1} Auf sandigen Stellen (flats) am Murrayflusse. {2} HAL0115641 [ST]: Behr, H.H. s.n. “104”, 1844–1845, Australia, Murray River. {4} HAL0115641 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Myrcia aromatica Schltld., Linnaea 13: 415. 1839. {1} Ad Hacienda de la Laguna Aug. fructif. (Schiede.) {2} Not at HAL: Schiede, C.J.W. s.n., 18??-08, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} GOET008216; P04776632.

Myrcia rufidula Schltld., Linnaea 13: 416. 1839. {1} Hacienda de la Laguna. Jul. flor. (Schiede). {2} HAL0089813 [ST], HAL0107623 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BR0000005239672; F0065422F; K000261664; NY00073846; U0005143.

Myrsine myricoides Schltld., Linnaea 8: 525. 1833. {1} Jalapae Majo 1829. {2} HAL0089723 [LT]; HAL0107383 [ILT]: Schiede, C.J.W. s.n. “175”, 1829-05, Mexico, Veracruz-Llave, Jalapae. {3} GOET008176; LE00007697; LE00007698; MO-2507340 [ILT]. {4} LT designated by Ricketson, J.M. & Pipoly, J.J., Sida 20: 910. 2003 [„LT HAL-89723-Bogen A/ABM, ILT HAL89723-Bogen B/AB, MO”].

Myrtus capuli Schltld. & Cham., Linnaea 5: 561. 1830. {1} In sylvis Papantlae. Jan. {2} HAL0079362 [ILT], HAL0107622 [lectotype, **designated here**]: Schiede, C.J.W. s.n. “546”, 1829-01, Mexico, Veracruz-Llave, in sylvis Papantlae. {3} BM000884406. {4} HAL0107622 was erroneously annotated as HT by F.R. Barrie (MO) 2004-10 and cited as HT in Davidse, G. et al. (eds.), Flora Mesoamericana 4(1): 92. 2009, which is, however, not correctable to LT according to ICN Art. 9.9 since Art. 7.10, required since 2001 was not met. We follow Barrie’s intention and designate HAL0107622 as LT.

Myrtus tabasco Willd. ex Schltld. & Cham., Linnaea 5: 559. 1830. {1} HW. n. 9580 (Specimen Humb. “Therminor an 7: Cumana n. 113, Myrtus Pimenta. Tabasco”). – *Myrtus Pimenta*, Pimenta de Tabasco Hispano Mexicanorum Schiede in schedula. {2} HAL0049060 [ST]: Schiede, C.J.W. s.n. “542”, 1828-12, Mexico, Veracruz-Llave, Pimenta de Tabasco, Hispano-Mexicanorum, prope Mapilque regionis calidae. HAL0049061 [ST]: Schiede, C.J.W. 6, 18??, Mexico, Veracruz-Llave, Pimenta de Tabasco,

Hispano-Mexicanorum, prope Mapilque regionis calidae. Not at HAL: Humboldt, F.W.H.A. von & Bonpland, A.J.A. 113. "Thermid[or] an 7" [= 1799.07.19–1799.08.17], Venezuela, Cumana. {3} B-W09580; K000565031.

Myrtus trunciflora Schltl., Linnaea 5: 561. 1830. {1} In sylvis umbrosis inter Mesachica et Mapilque. Dec. – Papantla. Jan. {2} HAL0081701 [lectotype, **designated here**]: Schiede, C.J.W. s.n. "547", 1828-12, Mexico, Veracruz-Llave, inter Mesachica et Mapilque. HAL0089744 [ST]: Schiede, C.J.W. & Deppe, F. s.n., 1829-01, Mexico, Veracruz-Llave, in sylvis Papantla. {4} HAL0081701 was annotated as HT by F.R. Barrie (MO) 2004-10. Sánchez-Vindas, P. E., Fl. Veracruz 62: 84. 1990 cited "Schiede 547" as "type" without any specification. We follow Barrie's intention and designate HAL0081701 (Schiede 547) as LT.

N

Nasturtium impatiens Schltl. & Cham., Linnaea 5: 212. 1830. {1} In spelunca regionis subnivalis montis Orizabae. Sept. {2} HAL0000996 [ST]: Schiede, C.J.W. & Deppe, F. 498 "432", 1828-09, Mexico, Veracruz-Llave, in spelunca regionis subnivalis montis Orizabae. {3} B100243563.

Nasturtium orizabae Schltl. & Cham., Linnaea 5: 212. 1830. {1} In monte Orizaba. Sept. {2} HAL0011429 [ST]: Schiede, C.J.W. & Deppe, F. 493 "433", 1828-09, Mexico, Veracruz-Llave, in monte Orizaba. {3} B100241713.

Nectandra sanguinea Rol. ex Rottb. var. *angustifolia* Schltl. (nom. inval.), Linnaea 19: 257. 1846. {1} No. 108. trop. Mexico. {2} Not at HAL: Leibold, F.E. 108, 1839–1844, Mexico. {4} Nom inval. according to ICN Art. 36.1.

Nemesia racemosa Schltl. (in herb.). {2} HAL0115747 [AS]: Sieber, Friedrich W. coll. pro Hoffmannsegg, J.C. von s.n., 1801–1807, Brazil.

Neottidium Schltl., Fl. Berol. 1: 454. 1823.

Nertera alsinoides Schltl. & Cham., Linnaea 6: 413. 1831. {1} Cuesta grande de Jalacingo, reg. temp. Dec. {2} HAL0069875 [ST]: Schiede, C.J.W. & Deppe, F. s.n. "1271", 1828-12, Mexico, Veracruz-Llave, Cuesta grande de Jalacingo, reg. temp. {4} Annotated as HT by D.H. Lorence (PTBG) 2001 on the label, which could be correct according to ICN Art. 9.1, Note 1, provided that the sample at HAL represents indeed a unique specimen.

Nicolsonia villosa Schltl. & Cham., Linnaea 5: 584. 1830. {1} Not specified. {2} HAL0051032 [ST]: Schiede, C.J.W. 232 "636", 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} B100375529; P00706591.

Nicotiana mexicana Schltl., Ind. sem. hort. hal. 1840: 8. 1840. {1} cf. Linnaea 19: 270. 1847: In aula balnearum calidorum pr. Atotonilco el grande Oct. flor. (C. Ehrenberg) - an eadem flore rubro, Mineral del Monte in hortis, planta octopedalis, caile 4 poll. lato? - an eadem flore rubro ad Zimapan? {2} HAL0098482 [ST]: Ehrenberg, C.A. 89, 1834–1840, Mexico, Hildago, Mineral del Monte. HAL0098820 [ST]: Ehrenberg, C.A. 1107, 1840, Mexico, Zimapan.

Niphogeton Schltl., Linnaea 28: 481. 1857.

Niphogeton andicola Schltl. (type species of the genus *Niphogeton* Schltl.), Linnaea 28: 481. 1857. {1} Not specified. {2} HAL0026884 [lectotype, **designated here**]: Lechler, W., Plantae peruvianae 1976, 1854-06, Peru, Agapata ad limites niv. atern. summ. Cordillier. {3} BR0000005624034; F0BN017188 (photo in F); GOET011376; K000534962. {4} M.E. Mathias & L. Constance (CAVA) 1969–1970 annotated HAL0026884 on the label as HT which would constitute a lectotypification according to ICN Art. 9.9 provided that they have formally published this typification. We have not yet been successful to find it among the author's publications. Also erroneously designated as HT by Stolle, J., Schlechtendalia 10: 10. 2003, which is, however, not correctable to LT since Art. 7.10 was not met in this publication. We follow Stolle's intention and designate HAL0026884 as LT.

Nortenia thouarsii Cham. & Schltl., Linnaea 3: 18. 1828. {1} Nortensiae species Madagascariensis et Mauritiana (var. Margis hirsuta) Aub. D.p. Th. l.c., *Torenia pedunculata*. Willd. Hb. n. 11547 (plantae madagascariensis a Thouarsio comm.), *torenia veronicifolia* Willd. Hb. n. 11546. (planta mauritiana a Thouarsio comm.). In Brasiliae provincia Rio Janeiro in uliginosis post Botafoginem Aprili florentem legit Beyrich, in insulis Madagascaria et Mauritii Dupetit Thouars. {2} Not at HAL: Thouars, L.M.A. du Petit s.n., s.d., Madagascar. Not at HAL: Thouars, L.M.A. du Petit s.n., s.d., Mauritius. Not at HAL: Beyrich, H.C. s.n., 18??-04, Brazil, Rio de Janeiro. {3} B-W11546; B-W11547 [LT]. {4} LT designated by D'Arcy, W.G., Ann. Missouri Bot. Gard. 66: 267. 1979 [LT: B-Willd. 11547].

O

Oenothera cuprea Schltld., Linnaea 12: 269. 1838. {1} *Oen.* sp. Linn. 1. c. n. 531. In prato elatiore montis Orizaba c. Veratro frigido. Sept. (Schiede). {2} HAL0043418 [ST]: Schiede, C.J.W. 537 “531”, 1828-09, Mexico, Veracruz-Llave, in prato elatiore montis Orizabae cum Veratro frigido. {4} HAL0043418 could be considered as HT as long as it is indeed a unique specimen (ICN Art. 9.1, Note 1). Schlechtendal’s citation of number “531” refers to “Linnaea 5: 556. 1830.”

Oenothera littoralis Schltld., Linnaea 12: 268. 1838. {1} *Oen.* sp. an nov. Linn. 1. c. n. 532. Ad littora maris arenosa inter Tecolutam et Nautlam Febr. 29. (C. Ehrenberg). {2} HAL0043355 [ST]: Schiede, C.J.W. s.n. “532”, 1829-02, Mexico, Veracruz-Llave, ad litora maris arenosa inter Tecolutam et Nautlam. {4} K. Werner, 1977-11, annotated HAL0043355 on the label as follows: “In protologo Schlechtendalii per errorem ut nomen collectoris C. Ehrenberg indicatus est.” [i.e., the indication of ‘C. Ehrenberg’ as collector in the protologue was erroneous]. HAL0043355 could be considered as HT as long as it is indeed a unique specimen (ICN Art. 9.1, Note 1). Schlechtendal’s citation of number “532” refers to “Linnaea 5: 556. 1830.”

Okenia Schltld. & Cham., Linnaea 5: 92. 1830.

Okenia hypogaea Schltld. & Cham. (type species of the genus *Okenia* Schltld. & Cham.), Linnaea 5: 92. 1830. {1} Crescit haec planta in collibus arenosis prope Vera-Cruz, Julio et forsan per totam aestatem floresn. Tempore malutino flores explicantur. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. 498 “107”, 18??-07, Mexico, Veracruz, prope Veracruz. {3} MO-107656.

Opercularia scabrada Schltld., Linnaea 20: 604. 1847. {1} An steinigen Orten in Scrubgegenden. {2} HAL0098342 [ST]: Behr, H.H. s.n. “90”, 1844–1845, Australia, an steinigen Orten in Scrubgegenden. {4} HAL0098342 could be considered as HT as long as it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Ophioglossum bergianum Schltld., Adumbr. pl. 1: 10. 1825. {1} *Ophioglossum pygmaeum* Bergius in schedula. Provenit in Promontorio bonae spei ad radicem lateris occidentalis montis Leuweberg, Junio fructif. (Bergius v.sp.). {2} Not at HAL: Bergius, K.H. s.n., Jun. (1815–1817), South Africa, Promontorio bonae spei ad radicem lateris occidentalis montis Leuweberg.

Ophioglossum capense Schltld. (nom. illeg.), Adumbr. pl. 1: 9. 1825. {4} Non Sw. 1803 and nom. illeg. according to ICN Art. 52.1 since *Ophioglossum nudicaule* L.f. was cited in the protologue.

Ophioglossum capense Schltld. var. *nudicaule* (L.f.) Schltld. (nom. illeg.), Adumbr. pl. 1: 9. 1825. {4} Nom. illeg. according to ICN Art. 35.1; = *Ophioglossum nudicaule* L.f., Suppl. Pl.: pl. 443. 1782. [HAL0081860 is no type material since this variety was introduced as combination based on the latter species names].

Ophioglossum capense Schltld. var. *regulare* Schltld. (nom. illeg.), Adumbr. pl. 1: 9. 1825. {1} *Ophioglossum lusitanicum* Thbg. Cap. p. 731. {4} Nom. illeg. according to ICN Art. 35.1.

Ophioglossum moluccanum Schltld., Adumbr. pl. 1: 9. 1825. {1} *Ophioglossum simplex* Rumph., Amb. 6 p. 152. t. 68 f. 2. {2} Not at HAL: Rumpf, G.E. s.n., 1657–1702, Indonesia, Ambon. {4} Rumpf, G.E., Herb. amboin. 6: 152, t. 68, f. 2. 1750.

Oplismenus gracilis Schltld., Linnaea 24: 649. 1851. {1} cult. ab hortulano Halensi cl. Wolfhagen accepimus. {2} Not at HAL: cult. ab hortulano Halensi cl. Wolfhagen accepimus.

Orchis latifolia L. var. *beeringiana* Cham. & Schltld., Linnaea 3: 26. 1828. {1} In Camtschatca et Unalashca. {2} HAL0063527 [ST]: Chamisso, L.C.A. von s.n., 1816, Russian Federation, Kamchatskaya Oblast’, Kamtschatka.

Oreas Cham. & Schltld., Linnaea 1: 29. 1826.

Oreas involucrata Cham. & Schltld. (type species of the genus *Oreas* Cham. & Schltld.), Linnaea 1: 30. 1826. {1} Habitat in summis montibus alpinis insulae Unalashca inter lapides acervatos. {2} HAL0084097 [LT]: Chamisso, L.C.A. von s.n., 1816, USA, Unalashca Aleutorum. {4} LT designated by Hoffmann, M.H., Schlechtendalia 4: 37. 2000.

Oreithales Schltld., Linnaea 27: 559. 1856.

Oreopolus Schltld., Linnaea 28: 493. 1857.

Oreopolus citrinus Schltld. (type species of the genus *Oreopolus* Schltld.), Linnaea 28: 493. 1857. {1} In Cordillera de Ranco ad latera orientem versus spectantia in terra Pehuelchorum Decbr. mense 1854 collegit. {2} Not at HAL: Lechler, W., Plantae chilenses (Ed. R.F. Hohenacker) 2895, 1854-12, Chile, in Cordillera de Ranco ad latera orientem versus spectantia in terra Pehuelchorum. {3} F0069829F; GOET010413; NY00563958; S05-435.

Ornithogalum bergii Schltl., Linnaea 1: 253. 1826. {1} Provenit in planitie Promontorii bonae spei ad Gouvenementsplatz et ad orientem in descensu montis Leuwestaart, ut nec non ad Tradouw. Floret Decembri, Januario et Februario (Bergius, Mundt et Maire). {2} Not at HAL: Bergius, K.H. s.n., Dec., Jan., Feb. 18??, South Africa. Not at HAL: Mundt, J.L. & Maire, C. s.n., Dec., Jan., Feb. 18??, South Africa. {4} HAL0063542 is authentic material from herb. Schlechtendal, but the original label is lacking and can thus not be properly allocated to one of the two syntypes (Bergius and Mundt & Maire, respectively).

Ornithogalum ecklonii Schltl. (nom. illeg.), Linnaea 25: 177. 1853. {1} Per annorum seriem haec species in horto Halensi illo sub nomine colitur; auctor ignotus, nec nomen reperiendum. {2} Not at HAL: cult. in Hort. Halensi. {4} Non Fisch. & C.A. Mey. 1840.

Orobanche californica Cham. & Schltl., Linnaea 3: 134. 1828. {1} Unicum, pro dolor, specimen e vicinia potus St. Francisci Californiae reulimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, California, San Francisco.

Orobanche rossica Cham. & Schltl., Linnaea 3: 132. 1828. {1} Kamtschadalis: Uktschutsch. (Pall. Mscpt.); Ex insula Chamissonis plura ipsi retulimus specimina, alis e reliquiis pallasianis in supplemento Herb. Willdenowianis exstant, loco natali adjecto: Ad Lenam et in Kamtschatka. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Russian Federation, Kamchatskaya Oblast', Uktschutsch.

Oxalis acuminata Schltl. & Cham., Linnaea 5: 224. 1830. {1} Hacienda de la Laguna. Sept. {2} HAL0098149 [ST]: Schiede, C.J.W. s.n., 18??-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0098150 [ST]: Deppe, F. & Schiede, C.J.W. s.n. "467", 18??, Mexico. {3} M0172229; P00724139; W0066764.

Oxalis ehrenbergii Schltl., Allg. Gartenzeitung 6: 313. 1838. {1} Unsere Gärten haben zwei Sauerklee-Arten aus Mexico in neuerer Zeit erhalten, [...]; Herr Ehrenberg sandte dem hiesigen botanischen Garten ebenfalls diese schöne *Oxalis*. {2} Not at HAL: Ehrenberg, C.A. s.n., 1831–1840, Mexico, cult. in Hort. Halensi.

Oxalis herpestica Schltl., Linnaea 27: 525. 1856. {1} Orchidearum Guatemalensium cum terra haec *Oxalis* in hortum Houtteanum introducta tam laete vigere et repentibus caulibus suis seminibusque brevi tempore sese per ollas ejusdem caldarii divulgare coepit... in hortum Halensem illata eodem modo reliquas infestavit plantas ubique in terra apparens. {2} Not at HAL. {4} Cultivated in Europe from soil taken from roots of orchids imported from Guatemala.

P

Palicourea blanchetiana Schltl., Linnaea 28: 531. 1856. {1} Blanchet pl. exs. n. 3433 et 3856. {2} HAL0098305 [ST]: Blanchet, J.S. 3433, 1828–1856, Brazil, Brasilien. HAL0098306 [ST]: Blanchet, J.S. 3856, 1828–1856, Brazil, Brasilien. {3} BR0000005317370; F0069915F; F0069916F; F0069917F; G00300585; MO-716911; NY00115186.

Palicourea breviflora Schltl., Linnaea 28: 530. 1856. {1} In Brasilia lectam benevole dedit doctiss. Dr. Buek Hamburgensis. {2} HAL0098307 [ST]: Buek, H.W. s.n., s.d., Brazil, Brasilien.

Palicourea cujabensis Schltl., Linnaea 28: 525. 1856. {1} Tertiam a Blanchetio in Brasiliae Serra Jacobine lectam et sub n. 2690, editam habeo. {2} Not at HAL: Blanchet, J.S. 2690, 1828–1856, Brazil, Brasilien, Sierra Jacobine. {3} BR0000005317080; G00300603.

Palicourea divaricata Schltl., Linnaea 28: 529. 1856. {1} pl. Blanchet exs. n. 3795. {2} HAL0098308 [ST]: Blanchet, J.S. 3795, 1828–1856, Brazil, Brasilien. {3} BR0000005317097; G00300424.

Palicourea fastigiata Cham. & Schltl. (nom. illeg.), Linnaea 4: 16. 1829. {1} E vicinia urbis Rio de janeiro misit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Rio de Janeiro. {3} F0070088F; F0BN000635 (photo in F); G00300624. {4} Non Kunth 1818; = *Palicourea sellowiana* DC. (nom. nov.), Prodr. 4: 525. 1830.

Palicourea nicotianifolia Cham. & Schltl., Linnaea 4: 18. 1829. {1} E Brasilia aequinoctiali misit Sellowius. {2} HAL0098300 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} F0070041F. {4} = *Psychotria tabacifolia* Müll.Arg. (nom. nov.), Fl. Bras.6: 236. 1881.

Palicourea tetraphylla Cham. & Schltl., Linnaea 4: 17. 1829. {1} E Brasilia tropica misit Sellowius. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} G00300259.

Palicourea velutina Schltl., Linnaea 28: 528. 1856. {1} Blanchet. n. 3240 et n. 3768. {2} HAL0098309 [ST]: Blanchet, J.S. 3240, 1828–1856, Brazil, Brasilien. HAL0098310 [ST]: Blanchet, J.S. 3768, 1828–1856, Brazil, Brasilien. {3} G00300229; G00300230; MO-716991; MO-797001; NY00312339.

- Panax macrocarpus* Cham. & Schltld., Linnaea 1: 404. 1826. {1} In Brasilia tropica legit Sellow. {2} HAL0098435 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} K000588171; K000588172.
- Panax vinosus* Cham. & Schltld., Linnaea 1: 403. 1826. {1} In Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} K000588154.
- Panicum barbifultum* Hochst. ex Schltld., Linnaea 31: 307. 1861. {1} In sylvis pr. Kaity mont. Nilagir., Oct. m. {2} Not at HAL: Metz, J.F., Plantae Indiae orientalis (Mont. Nilagiri) Ed. R.F. Hohenacker 1279, 18??-10, India, Ind. or. (Mont. Nilagiri) in silvis pr. Kaity. {3} B100366165; BM000959552; BM000959553; CORD00001731; FR0031690; G00176567; G00176568; G00176569; KFTA0000127; MPU024480; S06-12375; S14-19301; US00133094; W0024259; W1916-0020824.
- Panicum bipustulatum* Schltld., Linnaea 26: 135. 1854. {1} Ad Maiquetia, alt. 1000', Novbr. (n. 58.) {2} Not at HAL: Wagener, H. 58, 18??-11, Venezuela, in fruticetis ad Maiquetia alt. 1000'.
- Panicum cannifolia* Rchb. ex Schltld., Linnaea 26: 139. 1854. {1} [...] in plantis Weigeltianis Surinamensibus, quod in Trinitatis insula quoque crescit, [...]. {2} HAL0133164 [ST]: Weigelt, C. s.n., 1827, Suriname.
- Panicum divaricatum* L. var. *lanatum* Schltld., Linnaea 6: 33. 1831. {1} *P. orinocense* Hb. W. l.c. fol. 1 (spec. Humb. Orinoco). *P. lanatum* Vahl, Hb. W. no. 18760 (spec. Swartz), *P. divaricatum* v. *rigens* Sieb. Agrost. no. 144, *P. arborescens* Sieb. fl. Martin exs. no. 267 (an *P. glutinosum* HBK. 1, p. 83?). {2} HAL0106584 [ST]: Kohaut, F., Flora martinicensis (Sieber, F.W.) 267, 1819-04–1821-09, Martinique. HAL0106585 [ST]: Sieber, F.W., Agrostotheca 144, s.d., Australia, e nova Hollandia? {3} B-W18760 [*P. lanatum* spec. Swartz, Jamaica]; B-W18766 [fol. 1, *P. orinocense* Humboldt, F.W.H.A. von & Bonpland, A.J.A. s.n., Venezuela, Orinoco.]; FI012292.
- Panicum divaricatum* L. var. *latifolium* Schltld., Linnaea 6: 33. 1831. {1} *P. orinocense* Hb. W. l.c. fol. 2. 3., *P. maculatum* Rchb. in Weigelt pl. Surin. exs. *P. fuscum* Sieb. fl. Mart. exs. n. 29, *P. airoides* Sieb. Agrost. no. 120 (e nova Hollandia?!). {2} HAL0106586 [ST]: Kohaut, F., Flora martinicensis (Sieber, F.W.) 29, Apr. (1819–1821), Martinique. HAL0106587 [ST]: Sieber, F.W., Agrostotheca 120, s.d., Australia, e nova Hollandia? {3} G00176060; G00176061; G00176062; B-W18766 [fol. 2, 3, *P. orinocense*]; W0005812. {4} LT ["Sieber, F.W. Agrostotheca 120"] designated by Baldini, R.M., Adansonia, sér. 3, 32: 116. 2010, but not definitely accepted according to ICN Art. 7.10.
- Panicum divaricatum* L. var. *molle* Schltld., Linnaea 6: 33. 1831. {1} In sylvaticis prope Jalapam. Aug. {2} HAL0106583 [ST]: Deppe, F. & Schiede, C.J.W. s.n., 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam.
- Panicum musifolium* Klotzsch ex Schltld., Linnaea 31: 417. 1861. {1} Von Dr. Karsten in Columbien gesammelt. {2} HAL0133156 [ST]: Karsten, H. s.n., 1844–1856, Colombia [Venezuela; Carabobo, Puerto Cabello]. {3} JE00004954; JE00004955; W0021611; W1889-0163865.
- Panicum oliganthum* Schltld., Linnaea 26: 137. 1854. {1} Perenne in savannis lateris merid. Sillae de Caracas, alt. 4–5000', (n. 391). {2} Not at HAL: Wagener, H. 391, s.d., Venezuela, Sillae de Caracas, alt. 4–5000'.
- Parnassia kotzebuei* Cham. & Schltld. (nom. illeg.), Linnaea 1: 549. 1826. {1} Legimus hanc frequentem in insula Unalasccha as sinus bonae spei, Eschscholzii et St. Laurentii. [Sinus Eschscholtzii]. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Alaska, St. Laurentii. Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Alaska, Unalasccha. {3} GH00057122; K000739348; P00709406. {4} Non Cham. ex Spreng. 1825.
- Paronychia polycnemoides* Schltld., Linnaea 13: 407. 1839. {1} *P.?* *ramosissima* Linn. V. p. 554 n. 519 excl. cit. DC. prdr. Ad radices Orizabae montis Sept. (Schiede). {2} Not at HAL: Deppe, F. & Schiede, C.J.W. s.n. "519", 18??-09, Mexico, ad radices Orizabae montis. Notes: Schlechtendal's citation of number "519" refers to "Linnaea 5: 554. 1830."
- Paspalum campestre* Schltld. (nom. illeg.), Linnaea 26: 131. 1854. {1} Sillae de Caracas, alt. 4–5000'. Sept. (n. 392). {2} Not at HAL: Wagener, H. 392, 18??-09, Venezuela, Sillae de Caracas, alt. 4–5000'.
- Paspalum gracile* Schltld., Linnaea 26: 134. 1854. {1} Perenne, solitarie crescens eodem loco et tempore ac praeced. (n. 397). {2} Not at HAL: Wagener, H. 397, 18??-09, Venezuela, Sillae de Caracas, alt. 4–5000'.
- Paspalum lividum* Trin. ex Schltld., Linnaea 26: 383. 1852. {1} Ad Hacienda de la Laguna, Jul. leg. Dr. Schiede et ad balnea prope Reglam C. Ehrenberg. {2} HAL0064839 [ILT]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. Not at HAL: Ehrenberg, C.A. s.n., 1831–1840, Mexico. Hidalgo, prope Reglam. {3} B100521562; BR0000006886660; G00099828; LE-TRIN-0441.03 [LT]; MNHN-P-P01904269; US00140499. {4} LT designated by Chase, A., Contr. U.S. Natl. Herb. 28: 57. 1942, as HT, correctable to LT according to ICN Art. 9.9.

- Paspalum savannarum* Schltld., Linnaea 26: 132. 1854. {1} Perenne, eodem loco et tempore ac praeced. (n. 394). {2} Not at HAL: Wagener, H. 394, 18??-09, Venezuela, Sillae de Caracas, alt. 4–5000’.
- Paspalum wagneriana* Schltld., Linnaea 26: 133. 1854. {1} Perenne, solitarie crescens eodem loco et tempore ac praeced. (n. 396). {2} Not at HAL: Wagener, H. 396, 18??-09, Venezuela, Sillae de Caracas, alt. 4–5000’.
- Passiflora acerifolia* Schltld. & Cham., Linnaea 5: 89. 1830. {1} In sylvis prope Jalapam. Aug. {2} HAL0047803 [HT?]: Schiede, C.J.W. 456 “85”, 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam. {4} HAL0047803 was annotated as HT by J.M. Macdougall (DUKE) 1982, which could be correct according to Art. 9.1, Note 1, provided that the sample at HAL represents indeed a unique specimen.
- Passiflora foetida* L. var. *angustifolia* Schltld., Linnaea 26: 642. 1854. {1} Cabo blanco, alt. c. 1000’, Novbr. (142). {2} Not at HAL: Wagener, H. 142, 18??-11, Venezuela, Cabo blanco, alt.c.1000’.
- Passiflora sexocellata* Schltld., Linnaea 27: 521. 1856. {1} *P. marmorea* hort. {2} Not at HAL: specimen not specified. {3} MO-312537 [NT]. {4} Cultivated in “hortus halensis” based on material collected in?, specimen not specified. NT designated by Porter-Utley, K.E., PhytoKeys 43: 1–224. 2014 [“Croat, T.B. 66095 [1987-06-05], Mexico, Veracruz, along Hwy. 180 between Tampico and Pozarica, 12 mi N of Ozuluama, 38 km N of Naranjos, 110 m. MO-312537”].
- Passiflora sicyoides* Schltld. & Cham., Linnaea 5: 88. 1830. {1} In sylvis prope Jalapam. Aug. {2} HAL0047795 [LT], HAL0107061 [ILT]: Schiede, C.J.W. 455 “83”, 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam. {3} F0BN016557 (photo in F). {4} HAL0047795 was annotated as LT by M.E. Duharte Gongora, 1987. Killip, E.P., Publ. Field Mus. Nat. Hist., Bot. Ser. 19: 115. 1938 designated the specimen from B as HT (material destroyed). HAL0047795 was erroneously designated by MacDougall, J.M., Systematic Botany Monographs 41: 125. 1994, as HT, but is correctable to be LT according to ICN Art. 9.9.
- Paullinia clavigera* Schltld., Linnaea 10: 239. 1836. {1} Hacienda de la Laguna, Aug. 29. {2} Not at HAL: Schiede, C.J.W. s.n., 1828-08, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BR0000008239914; F0BN005592 (photo in F).
- Paullinia costata* Schltld. & Cham., Linnaea 5: 216. 1830. {1} Hacienda de la Laguna. Sept. {2} Not at HAL: Schiede, C.J.W. s.n., 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} F0BN005593 (photo in F); P02296867.
- Pavonia lanceolata* Schltld. (nom. illeg.), Linnaea 11: 356. 1837. {1} Cuesta grande de Chiconquiaco Sept. 29. (Schiede). {2} HAL0098401 [ST]: Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, Cuesta grande de Chiconquiaco. {4} Non Colla 1833.
- Pavonia rosea* Schltld. (nom. illeg.), Linnaea 11: 355. 1837. {1} Pavoniae sp. suffruticosa fl. roseo, pr. la Hacienda de la Laguna Aug. 29. (Schiede). {2} HAL0098606 [ILT]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BM000546894; F0BN009467 (photo in F); GOET006101 [LT]; P01900161; U0003871. {4} Non Wall. ex Moris 1833; = *Pavonia schiedeana* Steud. (nom. nov.), Nomencl. Bot. (ed. 2) 2: 279. 1841. LT designated (as “type”) by Fryxell, P., Fl. Bajío 16: 116. 1993; designated as LT by Fryxell, P., in Fl. Neotrop. 76: 202. 1999 [“LT: GOET; ILT: B (as photo F-9467), BM (photo CTES), P (photo CTES), U”].
- Pedicularis orizabae* Schltld. & Cham., Linnaea 5: 103. 1830. {1} In monte Orizaba. Sept. {2} HAL0056871 [ST]: Schiede, C.J.W. 545 “160”, 1828-09, Mexico; Veracruz-Llave, in monte Orizaba.
- Pedilanthus calcaratus* Schltld., Linnaea 19: 255. 1846. {1} Plantae leiboldianae. Mexico. {2} Not at HAL: Leibold, F.E. s.n., 1839–1844, Mexico. {3} A00011320; GH00011319; NY00233004; UC185411 [NT]; US00095467. {4} NT designated by Dressler, R.L., Cont. Gray Herb. 182: 104. 1957 (“Purpus, C.A. 7544 [1916/03]; Mexico, Veracruz, Barranca near Corral Depiedras, Zacuapan. [NT: UC 185411; INT: A, GH, MO, NY, US]”).
- Pedilanthus cymbifer* (“*cymbiferus*”) Schltld., Linnaea 19: 253. 1846. {1} No. 213. Tropisches Mexico. {2} HAL0081732 [ST]: Leibold, F.E. 213, 1839–1844, Mexico, tropisches Mexico. {4} as “*cymbiferus*” but to be corrected to *cymbifer*.
- Penicillaria nigritarum* Schltld., Linnaea 25: 561. 1853. {1} Panici Americani sesquipedalis spica. Clus. plant. hist. lib. VI. p. CCXVI. c. ic. et descr., J. Bauh. hist. II. {2} Not at HAL: frequently cultivated in Senegal, particular collections not cited. {4} Plate from C. Clusius selectable as LT (Iconotypus). Material deposit in B [B100167899, as *Penicillaria macrostachya* Klotzsch], not type material, not cited by Schlechtendal.
- Penicillaria sieberiana* Schltld., Linnaea 25: 565. 1853. {1} *Pennisetum typhoides* Sieb. pl. exsicc. Aegypt. Crescit in Aegypto pr. Syene (Sieber). {2} Not at HAL: Sieber, F.W., Herbarium florae

Aegyptiacae s.n., 18??, Egypt, Aegyptio pr. Syene. {3} B100167891; B100167892; B100167893; B100167894, B100167895.

Pennisetum intertextum Schldtl., Bot. Zeitung 9: 878. 1851. {1} An den Seiten der Thäler zwischen Steinen auf der Insel Mayo. (C. Pabst). {2} Not at HAL: Pabst, C. s.n., s.d., Cape Verde, an den Seiten der Thäler zwischen Steinen auf der Insel Mayo.

Pentataphrus Schldtl., Linnaea 20: 618. 1847.

Pentataphrus behrii Schldtl. (type species of the genus *Pentataphrus* Schldtl.), Linnaea 20: 618. 1847. {1} An sandigen und steinigen Orten, August. {2} HAL0060107 [ST]: Behr, H.H. s.n. "116", 1845-08, Australia, South Australia, Süd-Australien, an sandigen und steinigen Orten.

Peperomia asarifolia Schldtl. & Cham., Linnaea 5: 75. 1830. {1} Ad rupes humidus. Sept. {2} HAL0098182 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. "10", 18??-09, Mexico, ad rupes humidus. HAL0107342 [lectotype, **designated here**]: Schiede, C.J.W. & Deppe, F. 859 "10", 1828-09, Mexico, ad rupes humidus. {3} LE00001468. {4} Mathieu, G. & Callejas, R., Candollea 61: 335. 2006 erroneously proposed "*Galeotti 6022*" as "LT" (see G. Mathieu, 2013 [see www.peperomia.net/notes.asp?id=179]). However, the two collections deposited at HAL are syntypes and not HT and IT as mentioned by Mathieu (l.c.). HAL0107342 is designated here as LT.

Peperomia dendrophila Schldtl. & Cham., Linnaea 5: 74. 1830. {1} In arboribus vetustis prope Jalapam. Aug. {2} HAL0098179 [LT]: Schiede, C.J.W. 852, 1828-08, Mexico, Veracruz-Llave, prope Jalapam. {3} GOET009427; NY00222531; W1889-0272248. {4} = *Piper dendrophilum* (Schldtl.) Schldtl., Linnaea 7: 138. 1832. = *Piper dendrophilum* (Schldtl.) D.Dietr. (nom. illeg.), Syn. pl. 1: 108. 1839. LT designated by Mathieu, G. & Callejas, R., Candollea 61: 336. 2006.

Peperomia deppeana Schldtl. & Cham., Linnaea 5: 75. 1830. {1} Inter muscos a Deppeo in primo itinere Mexicano ad plantas servandas adhibitos reperta. {2} HAL0098183 [LT]: Schiede, C.J.W. s.n. "12", s.d., Mexico, inter muscosos. {3} F0BN010783 (photo in F); G00328416 (drawing ex B); LE00001504. {4} LT designated by Mathieu, G. & Callejas, R., Candollea 61: 337. 2006.

Peperomia schiedeana Schldtl., Linnaea 7: 138. 1832. {1} In truncis arborum pr. San Salvador reg. frigidioris. Jan. {2} HAL0101616 [ST]: Schiede, C.J.W. s.n., 1829-01, Mexico, San Salvador. {3} GOET009447; MO-107337; NY00222608; P00625809; P00625810; W1889-0130512.

Peperomia tenerima Schldtl. & Cham., Linnaea 6: 353. 1831. {1} Ad arborum truncos inter muscos. Cuesta grande de Jalacingo reg. temp. Dec. {2} HAL0101707 [ST]: Deppe, F. & Schiede, C.J.W. s.n. "1107", 1828-12, Mexico, Veracruz-Llave, Cuesta grande de Jalacingo, reg. Temp. {3} LE00001516; W0024369; W0024370.

Perilomia cordifolia Schldtl. & Cham., Linnaea 6: 374. 1831. {1} In sylvis umbrosis Misantlae. Mart. {2} HAL0098256 [ST], HAL0107377 [ST]: Schiede, C.J.W. & Deppe, F. s.n. "1176", 1828-03, Mexico, Veracruz-Llave, in sylvis umbrosis Misantlae.

Perilomia fruticosa Schldtl. & Cham., Linnaea 5: 102. 1830. {1} Jalapae in dumetis, Serro colorado. Aug. {2} HAL0098257 [ST]: Schiede, C.J.W. & Deppe, F. 549 b "156", 1828-08, Mexico, Veracruz-Llave, Jalapae in dumetis.

Persea amplexicaulis Schldtl. & Cham., Linnaea 5: 90. 1830. {1} Serro colorado. Aug. {2} HAL0098198 [ST]: Schiede, C.J.W. 452 "87", 1828-08, Mexico, Serro colorado. {3} B100185023; F0BN003587 (photo in F); LE00000514.

Persea drymifolia Schldtl. & Cham., Linnaea 6: 365. 1831. {1} Papantla. Mart. {2} HAL0097802 [ST], HAL0107352 [ST]: Schiede, C.J.W. s.n. "1140", s.d., Mexico, Veracruz-Llave, Papantla. {3} B100243807; B100243808; B100243809; HBG509971; LE00000477; LE00000478; LE00000479; MO-247583; P00128497; W0017595; W1889-0279260.

Persea richardiana Cham. & Schldtl. (nom. nov.), Linnaea 6: 366. 1831. {1} *Laurus puberula* Rich.! Act. soc. nat. Paris 1, p. 108, HW. n. 7792 (spec. Rich. Guianense). {4} = *Laurus puberula* Rich., Actes Soc. Hist. Nat. Paris 1: 108. 1792.

Peucedanum virgatum Cham. & Schldtl., Linnaea 1: 392. 1826. {1} Crescit in Promontorii bonae spei montibus Tradouw. Martio mense florentem legerunt Mundt et Maire. {2} HAL0097781 [ST], HAL0107392 [ST]: Mundt, J.L. & Maire, C. s.n., 1815–1830, South Africa, Western Cape, in promontorii bonae spei montibus Tradouw.

Phalangium liliaginoides Schldtl., Linnaea 24: 187. 1852. {1} ex Horto Boothiano. {2} Not at HAL: cult. in Hort. J.G. Booth.

Phalangium pusillum Schldtl., Bot. Zeitung 3: 642. 1845. {1} Bei S. Joaquin in der Nähe von Mexico auf trockenen Feldern im Juni blühend gefunden. {2} HAL0063418 [ST]: Ehrenberg, C.A. s.n., 1835-07,

Mexico, prope S. Joaquin, conf. Mexico in campis siccis. {4} In the protologue, “June” is cited, on the label of the HAL specimen, however, “July” which was probably caused by a transcription error.

Phaseolus anisotrichus Schltld., Linnaea 12: 326. 1838. {1} *Phaseolea tertia* Linn. 1. c. n. 650. In dumetis pr. Jalapam; ad Hacienda de la Laguna et pr. Papantlam leg. Schiede. {2} HAL0055313 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, ad Hacienda de la Laguna. HAL0055314 [LT]: Schiede, C.J.W. 226 “650”, 1828-08, Mexico, Veracruz-Llave, in dumetis prope Jalapam. HAL0055315 [ST]: Schiede, C.J.W. s.n., 1829-01, Mexico, Veracruz-Llave, prope Papantlam. {4} LT designated by Delgado-Salinas, A., Systematics of the genus *Phaseolus* in Mexico and Central America. University of Texas, Ph.D. dissertation, Austin, 1985. Validly published? Schlechtendal’s citation of number “650” refers to “Linnaea 5: 586. 1830.”

Phaseolus glaber Schltld. (nom. illeg.), Linnaea 12: 327. 1838. {1} *Phaseolea* n. 649 et. n. 651, in dumetis Jalapae Majo et S. Andres Aug. Flores eoccinei (Schiede). {2} HAL0054632 [ST]: Schiede, C.J.W. 229 “651”, 1828-08, Mexico, prope San Andres. HAL0054633 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in dumetis Jalapae. HAL0054634 [LT]: Schiede, C.J.W. 229 “649”, 1828-08, Mexico, Veracruz-Llave, in dumetis prope Jalapam. {3} P00708526; G. {4} Non Roxb. 1832; = *Phaseolus glabellus* Piper (nom. nov.), Contr. U. S. Natl. Herb. 22: 683. 1926. LT designated by Delgado-Salinas, A., Systematics of the genus *Phaseolus* in Mexico and Central America. University of Texas Ph.D. dissertation, Austin. 1985, verified by Freytag, G.F. & Debouck, D.G., Sida Bot. Misc. 23: 98. 2002 [“LT: HAL-54634; ILT: G, P”]. Schlechtendal’s citations of numbers “649” und “651” refer to “Linnaea 5: 586. 1830.”

Phaseolus obvallatus Schltld., Linnaea 12: 328. 1838. {1} Mineral del Monte (C. Ehrenberg). {2} HAL0055316 [LT]: Ehrenberg, C.A. 299, 1831–1840, Mexico, Hidalgo, Mineral del Monte. {4} LT designated by Piper, C.V., Contr. U.S. Natl. Herb. 22: 684. 1926.

Phaseolus parviflorus Schltld., Linnaea 12: 325. 1838. {1} Mineral del Monte (C. Ehrenberg), Mexico (Hegewisch, Mühlenpfordt). {2} HAL0064946 [ST]: Ehrenberg, C.A. 302, 1834, Mexico, Hidalgo, Mineral del Monte. Not at HAL: Mühlenpfordt, F. & Hegewisch, E.F.A. s.n., s.d., Mexico.

Phaseolus schiedeanus Schltld., Linnaea 12: 323. 1838. {1} In graminosis et versuris pr. Hacienda de la Laguna. Jul. Oct. 29. (Schiede). {2} HAL0064947 [ST]: Schiede, C.J.W. s.n., 1828-10, Mexico, Veracruz-Llave, in graminosis prope Hacienda de la Laguna. HAL0064948 [LT]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, in versuris prope Hacienda de la Laguna. {3} GOET005226; P02750091. {4} LT designated by Calles, T. et al., Kew Bull. 70: 14. 2015.

Philadelphus affinis Schltld., Linnaea 13: 419. 1839. {1} Car. Ehrenbergio mense Augusto in Barranca de la Hacienda del Carmen lectum. {2} HAL0098151 [ST]: Ehrenberg, C.A. 872, 1837-08, Mexico, Oaxaca, Barranca de la Hacienda del Carmen.

Philadelphus mexicanus Schltld., Linnaea 13: 418. 1839. {1} Colitur Jalapae et in sepibus sponte quasi crescit Majo flor. (Schiede), ad Oajaca (Mühlenpfordt), ad Mexico (hb. Lehm.). {2} HAL0098628 [LT], HAL0107605 [ILT]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, Colitur Jalapae et in sepibus sponte quasi crescit. Not at HAL: Mühlenpfordt, F. s.n., s.d., Mexico, ad Oajaca. Not at HAL: ex herb. Lehmann, Mexico. {3} BM000956236; BR0000005111671; BR0000005112005; G00388963; GH00042951; NY00186343. {4} LT designated by Christenhusz, M.J.M., Phytotaxa 3: 63. 2010 [“Mexico, Schiede s.n., anno 1829, LT: HAL-098628, ILT: BM-000956236”].

Phylica cordata L. var. *laevis* Schltld., Linnaea 6: 195. 1831. {1} Zwarteberg kloof links vom Bade. Septbr. {2} Not at HAL: Ecklon, C.F., 18??-09, South Africa, Zwarteberg kloof links vom Bade.

Physalis glutinosa Schltld., Linnaea 19: 310. 1846. {1} Mineral del Monte (C. Ehrenberg). {2} HAL0042219 [ST], HAL0107367 [ST]: Ehrenberg, C.A. 585, 1836-07, Mexico, Hidalgo, distr. Mineral del Monte, Cuesta blanca. {3} P00387623.

Physalis maurelloides Schltld., Linnaea 27: 508. 1856. {1} Ex Columbia semina habemus. {2} Not at HAL: ex Columbia semina habemus.

Physalis nicandroides Schltld., Linnaea 19: 311. 1846. {1} Hacienda de la Laguna Sept. fruct. (Schiede), pr. Reglam Sept. et ad aguas calientes (C. Ehrenberg). {2} HAL0042228 [lectotype, **designated here**]: Schiede, C.J.W. 606, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0042229 [ST]: Ehrenberg, C.A. 513, 1835-09, Mexico, Hidalgo, pr. Reglam. HAL0042230 [ST]: Ehrenberg, C.A. 760, 1837-09, Mexico, Hidalgo, Atotonilco el Grande, ad aguas calientes. {4} HAL0042228 was simply cited as “type” by Waterfall, U.T., Rhodora 69: 234. 1967.

Physalis viscosa L. var. *sinuato-dentata* Schltld., Linnaea 19: 309. 1846. {1} Mexico (C. Ehrenberg). {2} HAL0042235 [ST]: Ehrenberg, C.A. s.n., 1831–1840, Mexico.

Picramnia antidesma Sw. var. *pubescens* Schltld. & Cham., Linnaea 6: 427. 1831. {1} In sylvis Jalapensibus. Aug. Oct. {2} HAL0094497 [ST]: Schiede, C.J.W. & Deppe, F. "1328", 18??-08, 18??-10, Mexico, Veracruz-Llave, in sylvis Jalapensibus. {3} HBG510764.

Pilea peploidifolia Schltld., Linnaea 27: 496. 1856. {1} *Pilea muscosa* hort. ex parte, *P. serpyllacea* et *serpyllifolia* hort., *P. muscosa* Martii hb. Fl. Bras. n. 952, *Urtica serpyllacea* Linn. VI. p. 356 n. 1113. {2} HAL0098188 [ST], HAL0110254 [ST]: Deppe, F. & Schiede, C.J.W. s.n. "1113", 18??-08, Mexico, Veracruz-Llave, Papantla et prope Jalapam. HAL0098189 [ST]: Martius, C.F.P. von, Herbarium florae brasiliensis 952, 1817–1820, Brazil, Brasilia. HAL0098190 [ST]: Anonymous collector s.n., 1832, Germany. Berlin. Hort. bot. Berol. Notes: Schlechtendal's citations of numbers "1113" refers to "Linnaea 6: 356. 1831."

Pimelea behrii Schltld., Linnaea 20: 583. 1847. {1} In Scrubgegenden zwischen dem Gawler- und Lightrivier. Novbr. {2} HAL0039386 [LT]: Behr, H.H. s.n. "53", 1844-11, Australia, South Australia, in Scrubgegenden zwischen dem Gawler- und Lightrivier. {4} LT designated by Threlfall, S., Brunonia 5: 177. 1983, as HT, correctable to LT according to ICN Art. 9.9.

Pimelea dichotoma Schltld., Linnaea 20: 581. 1847. {1} Auf kalkig-sandigem Boden (Sandplaine) bei Bethanien, Novbr. {2} HAL0036762 [LT]: Behr, H.H. s.n. "51", 1844-11, Australia, auf kalkig-sandigem Boden (Sandplaine) bei Bethanien. {3} G00191043. {4} LT designated by Threlfall, S. Brunonia 5: 169. 1983, as HT, correctable to LT according to ICN Art. 9.9.

Pimelea myrtifolia Schltld., Linnaea 20: 582. 1847. {1} An sandigen Orten. {2} HAL0039383 [LT]: Behr, H.H. s.n. "52", 1844–1845, Australia, South Australia, an sandigen Orten. {3} G00191033. {4} LT designated by Threlfall, S., Brunonia 5: 135. 1983, as HT, which is, however, correctable to LT according to ICN Art. 9.9.

Pimelea viminea Schltld., Linnaea 20: 583. 1847. {1} Auf kalkig-sandigem Boden (Sandplaine) bei Bethanien, Januar. {2} HAL0039384 [LT]: Behr, H.H. s.n. "54", 1845-01, Australia, auf kalkig-sandigem Boden (Sandplaine) bei Bethanien. {3} MEL605757; MEL605859; UPS. {4} LT designated by Threlfall, S., Brunonia 5: 177. 1983, as HT, correctable to LT according to ICN Art. 9.9.

Pinguicula caudata Schltld., Linnaea 7: 393. 1832. {1} Cuesta grande de Chiconquiaco. Sept. 29. {2} HAL0073476 [ST]: Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, Cuesta grande de Chiconquiaco. {3} K000297396; MO-158922; NY00008349; P00072091.

Pinguicula lilacina Schltld. & Cham., Linnaea 5: 94. 1830. {1} Mexico. {2} HAL0042200 [ST]: Schiede, C.J.W. 444 "113", 1828-10, Mexico, Veracruz-Llave, in umbrosis prope Jalapam. {3} BM000021355; BM000953462; LE.

Pinus ayacahuite C.Ehrenb. ex Schltld., Linnaea 12: 492. 1838. {1} Mein werthgeschätzter Freund Carl Ehrenberg fand diesen 100 F. hohen Baum bei Omitlan bei der Hacienda de Guerrero, [...]. {2} Not at HAL: Ehrenberg, C.A. 647, 1837, Mexico, Baum bei Omitlan bei der Hacienda de Guerrero. {3} MO-021957; P00731212; US00012036; US00930661. {4} LT designated by Farjon, A.K. & Styles, B.T., Fl. Neotrop. Monogr. 75: 200. 1997 ["LT: HAL; ILT: GOET, MO, US"]. Farjon, A.K. & Styles, B.T. (l.c.) erroneously cited LT material of this species "deposit in HAL" which is, however, not preserved. Therefore, a LT has to be selected amongst the STs at GOET, MO and US.

Pinus leiophylla Schltld. & Cham., Linnaea 6: 354. 1831. {1} Inter Cruz blanca et Jalacingo reg. frig. Nov. {2} HAL0064903 [LT]: Schiede, C.J.W. s.n., 1828-11, Mexico, Veracruz-Llave, inter Cruz blanca et Jalacingo, reg. frig. {3} BM000648466; LE00006115. {4} HAL0064903 was erroneously cited as HT by Farjon, A.K. & Styles, B.T., Fl. Neotrop. Monogr. 75: 72. 1997, which is, however, correctable to LT according to ICN Art. 9.9.

Pinus llaveana Schiede ex Schltld., Linnaea 12: 488. 1838. {1} Diese schöne und ausgezeichnete Art wurde zuerst im Berliner botanischen Garten aus den Kernen eines Zapfen gezogen, welchen Dr. Schiede an den Herausgeber der Linnaea geschickt hatte [...]. {2} Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico, zwischen Zimapan und Real del Oro. [cult. in bot. Reg. Berol.]. {4} Farjon, A.K. & Styles, B.T., Fl. Neotrop. Monogr. 75: 232. 1997 erroneously cited HT material of this species "deposit in HAL" although not present in the herbarium of the Martin Luther University. Other type collections could not be traced, suggesting that a neotypification is necessary.

Pinus oocarpa Schiede ex Schltld., Linnaea 12: 491. 1838. {1} Diesen 30–40 F. hohen Baum fand Schiede häufig zwischen Ario und dem Feuerberge Jorullo, nicht allein in der gemässigten Region, sondern auch in der warmen, wo er mit Fächerpalmen vereint wuchs. {2} Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico, between Ario and Jorullo. {4} NT designated by Farjon, A.K., Fl. Neotrop. 75: 152. 1997 ("Styles, B.T. 36, s.d., Mexico, Michoacán, Las Playitas Forest Station, along track to Cañas [NT: FHO; INT: K]").

Pinus patula Schldtl. & Cham., Linnaea 6: 354. 1831. {1} Inter Cruz blanca et Jalacingo. Nov. - Malpays de la Joya, reg. frigid. Nov. {2} HAL0033087 [LT], HAL0107310 [ILT], HAL0107311 [ILT], HAL0107312 [ILT]; Schiede, C.J.W. & Deppe, F. s.n., 1828-11, Mexico, Veracruz-Llave, inter Cruz blanca. HAL0036409 [ST], HAL0107313 [ST]; Schiede, C.J.W. s.n., 1828-06, Mexico, Veracruz-Llave, Halpays de la Joya. {3} BM000648461; BM000648464; E00078452 [orig. from LT]; E00078453; LE00006116; LE00006117; LE00006118; LE00006119. {4} LT designated by Farjon, A.K. & Styles, B.T., Fl. Neotrop. 75: 160. 1997.

Pinus teocote Schldtl. & Cham., Linnaea 5: 76. 1830. {1} Ad radices et in adscensu montis Orizabae. Sept. HAL0064906 [LT]; Schiede, C.J.W. s.n., 1828-09, Mexico, Veracruz-Llave, ad radices et in adscensu montis Orizabae. {3} BM000648463; LE00006123; LE00006125; LE00006126; LE00006124. {4} HAL0064906 was erroneously cited as HT by Farjon, A.K. & Styles, B.T., Fl. Neotrop. 75: 180. 1997, which is, however, correctable to LT according to ICN Art. 9.9.

Piper dendrophila (Schldtl.) Schldtl., Linnaea 7: 138. 1832. {4} = *Peperomia dendrophila* Schldtl. & Cham., Linnaea 5: 74. 1830.

Piper melastomoides Schldtl. & Cham., Linnaea 5: 74. 1830. {1} In arboribus vetustis prope Jalapam. Aug. {2} HAL0097797 [ST], HAL0107345 [ST]; Schiede, C.J.W. 854, 1828-08, Mexico, Veracruz-Llave, in sylvis umbrosis prope Jalapam. {3} LE00001478; LE00001479; LE00001480; LE00001481; P00614530. {4} HAL0097798, HAL0107346 and BM000939029 (Schiede, C.J.W. s.n., 1829-05) are topotypes.

Piper tiliifolium Schldtl. & Cham. (nom. illeg.), Linnaea 6: 352. 1831. {1} In sylvis Misantlae. Feb. {2} HAL0097796 [ST], HAL0107343 [ST], HAL0107344 [ST]; Schiede, C.J.W. s.n. "1102", 1829-02, Mexico, Veracruz-Llave, in sylvis Misantlae. {3} BM000993679; G00323613; G00323720 [drawing]; U0238657. {4} Non Desv. ex Ham. 1825; = *Piper schiedeanum* Steud. (nom. nov.), Nomencl. Bot. (ed. 2) 2: 343. 1841; = *Piper zacuapanum* C.DC. (nom. illeg.), Prodr. 16: 330-331. 1869.

Pisonia cuneifolia Schldtl., Linnaea 23: 571. 1851. {1} Von den übrigen besitze ich zwar die von Martius im Herb. Brasil. n. 972 von Ilhéos ausgegebene Pflanze, [...]. {2} Not at HAL: Martius, C.F.P. von, Herbarium florum brasiliensis (C.F.P. von Martius) 972, 1817-1820, Brazil, Ilheos. {3} F0BN003099 (photo in F); NY00342117.

Pisonia florida Choisy var. *pabstiana* Schldtl., Linnaea 23: 575. 1851. {1} In sylvis humidis ad viam versus S. Antonia. Florere incipiens Februario. {2} Not at HAL: Pabst, C. s.n., 18??-02, Brazil, in sylvis humidis ad viam versus S. Antonia.

Pitcairnia kegeliana Schldtl., Linnaea 24: 664. 1852. {1} Plantam spontaneam e cujus seminibus hortensis nostra enata est fructiferam legit cl. Kegel Novembri m. ad truncos putridos pr. Aracucakreek in Surinamo, culta paullo elevatiorem. [...] An planta florens simillima ab indefesso Kegelio Majo m. in sylvis as Mariepaston collecta ad eandem speciem pertineat, difficile dictu, quum flores majores magisque aperti conjunctionem dissuadere vedeantur. {2} Not at HAL: Kegel, H.A.H. 1097, 18??-11, Suriname, Aracucakreek. Not at HAL: Kegel, H.A.H. 1097, 18??-05, Suriname, Mariepaston. {3} GOET000411; GOET000412. {4} F0BN011363 (photo in F), 1879-12, is no type material! GOET000412 [Mariepaston, 1846-05] has an annotation label written by G. Wagenitz, GOET 1971-05-26: "*Pitcairnia kegeliana* Schldtl. wurde ausführlich beschrieben nach in Halle kultivierten Exemplaren, deren Samen von einer Pflanze stammen, die Kegel „ad truncos putridos pr. Aracucakreek“ sammelte. Hiervon sah Schlechtendal offenbar fruchtendes Herbariummaterial. Außerdem erwähnt er eine „planta florens simillima ab indefesso Kegelio Majo m. in sylvis ad Mariepaston collecta“, von der schwer zu sagen sei, ob sie zur selben Art gehört. Bei uns sind möglicherweise die Etiketten vertauscht, jedenfalls hat die Pflanze von Mariepaston Früchte, die von Aracucakreek Blüten!" ("*Pitcairnia kegeliana* Schldtl. was described in detail using specimens that were grown in Halle from seeds of a plant collected by Kegel „ad truncos putridos pr. Aracucakreek“. Thereof Schlechtendal obviously saw fruiting herbarium material. Furthermore, he mentioned a „planta florens simillima ab indefesso Kegelio Majo m. in sylvis ad Mariepaston collecta“, from which it was difficult to tell whether it belonged to the same species. Here [i.e., at GOET] possibly are the labels confounded, since the plant from Mariepaston has fruits and that from Aracucakreek has flowers!")

Plantago coriacea Cham. & Schldtl., Linnaea 1: 171. 1826. {1} In planitiebus (Campo Hisp.) inter Montevideo et fluvium Rio grande do Sul legit Sellow. {2} Not at HAL: Sellow, F. 881, 1814-1831, in planitiebus (Campo Hisp.) inter Montevideo et fluvium Rio grande do Sul. {3} BR0000005290260; E00259326; G00148798; K000573568; K000573569; M0186386; UC158138.

Plantago macrocarpa Cham. & Schldtl., Linnaea 1: 166. 1826. {1} In uliginosis limosis insulae Unalashka Aleutorum a nobis lecta. {2} Not at HAL: Chamisso, L.C.A. von s.n., 1826, USA, Alaska, in uliginosis limosis insulae Unalashka Aleutorum. {3} G00149004; G00149005; M0186375(?).

- Plantago princeps* Cham. & Schldtl., Linnaea 1: 167. 1826. {1} In convallibus montium inferiorum insulae O-Wahu. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Hawaii, O-Wahu.
- Plantago truncata* Cham. & Schldtl., Linnaea 1: 170. 1826. {1} In regno Chilensi ad Talcaguano decerpsimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Chile, in regno Talcaguano. {4} in JSTOR – “no-type material, later collected by C.L.G Bertero”.
- Plumeria xanthostoma* Schldtl., Linnaea 8: 523. 1834. {1} Spontanea in Malpays de Naulingo Apr. {2} HAL0083850 [ST]: Schiede, C.J.W. s.n., 1829-04, Mexico, Veracruz-Llave, Malpayi de Naulingo. {4} HAL0083850 was annotated as HT by M.H. Hoffmann & S. Kesting (HAL) 1999-12-15 (Schlechtendalia 5: 11. 2000), which could be correct according to Art. 9.1, Note 1, provided than that the sample at HAL represents indeed a unique specimen.
- Poa nemoralis* L. var. *depauperata* Schldtl., Linnaea 24: 651. 1851. {1} *Poa rariflora* Desf. Cat. h. Par. 1815, Kth. En. I. p. 354. n. 187. {2} Not at HAL: Gallia.
- Poa pratensis* L. var. *convolutifolia* Schldtl., Fl. Berol. 1: 74. 1823. {1} Im Sande. {2} HAL0091735 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.
- Poa pratensis* L. var. *latifolia* Schldtl., Fl. Berol. 1: 74. 1823. {1} Auf Wiesen. {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.
- Poa serotina* Ehrh. ex Hoffm. var. *muralis* Schldtl., Fl. Berol. 1: 75. 1823. {1} Auf allen Wiesen längs der Spree u. Havel! auf u. an Mauern in d. Stadt! im Thiergarten! ebenfalls an d. Oder! etc. sehr gemein). {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.
- Poa serotina* Ehrh. ex Hoffm. var. *paludosa* Schldtl., Fl. Berol. 1: 75. 1823. {1} Auf allen Wiesen längs der Spree u. Havel! auf u. an Mauern in d. Stadt! im Thiergarten! ebenfalls an d. Oder! etc. sehr gemein). {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.
- Polycarpea cuspidata* Schldtl., Linnaea 13: 408. 1839. {1} Mineral del Monte Oct. m. (C. Ehrenberg). {2} Not at HAL: Ehrenberg, C.A. s.n., Oct. (1834–1840), Mexico, Mineral del Monte.
- Polycyrtus* Schldtl., Linnaea 17: 126. 1843.
- Polycyrtus cachroides* Schldtl. (type species of the genus *Polycyrtus* Schldtl.), Linnaea 17: 126. 1843. {1} In Kurdistaniae montibus legit Kotschy. {2} Not at HAL: Kotschy C.G.T., Pl. alepp. kurd. moss. Ed. Hohenacker 419, 1841-07-01, Iraq, in alpidis m. Gara Kurdist. {3} BM000885329; G00366771; P02272198; P02272199; P02272200; P02272201; P02272202.
- Polygala calvipes* Schldtl., Linnaea 14: 160. 1840. {1} In Mexico? (hb. Lehmann). {2} Not at HAL: (hb. Lehmann), Mexico (?).
- Polygala pulchella* Schldtl. & Cham. (nom. illeg.), Linnaea 5: 230. 1830. {1} Inter Marantial et Paso de Ovejas. {2} Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico, inter Marantial et Paso de Ovejas. {4} Non A.St.-Hil. & Moq. 1828.
- Polygala strigulosa* Schldtl., Linnaea 14: 160. 1840. {1} Pr. Oajaca (Mühlenpfordt). {2} Not at HAL: Mühlenpfordt, F. s.n., s.d., Mexico, pr. Oajaca.
- Polygonum adenophyllum* Cham. & Schldtl., Linnaea 3: 48. 1828. {1} Lectum in Promontorio bonae spei in cultis ad Hexrivier, Gamka, George et alibi a Mundt et Maire. {2} HAL0098304 [ST]: Mundt, J.L. & Maire, C. s.n. “111”, 1815–1830, South Africa, Prom. bon. spei. {3} B100160666; MPU016270. The number (“111”) can be found on the label. However, this number is probably not a true Mund & Maire nummer .
- Polygonum alpinum* All. var. *frigidum* Cham. & Schldtl., Linnaea 3: 38. 1828. {1} Specimina ad hicmalem St. Laurentii sinum collecta plane alium prae se ferunt habitum, [...]. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Alaska. ad Sinum St. Laurentii. {4} Incorrectly cited in IPNI as *Polygonum alpinum* All. var. *frigidum* Meis.
- Polygonum alpinum* All. var. *lapathifolium* Cham. & Schldtl., Linnaea 3: 38. 1828. {1} Formam hanc ex insula Chamissonis et sinu Eschscholzii retulimus; [...]. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Alaska, ex insula Chamissonis et sinu Eschscholzii.
- Polygonum aviculare* L. var. *montevidense* Cham. & Schldtl., Linnaea 3: 50. 1828. {1} In littore prope Montevideo Brasiliae meridionalis collegit Sellow. {2} HAL0053997 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Montevideo, Brasilia meridionalis, in littore prope Montevideo. {3} B100248257; K000532014.
- Polygonum beyrichianum* Cham. & Schldtl., Linnaea 3: 42. 1828. {1} In paludibus prope Nov. Friburgum provinciae Rio de Janeiro Brasiliae tropicae Decembri 1822 flores legit Beyrich. {2} Not at HAL: Beyrich, H.C. s.n., Dec. 1822, Brazil, Rio de Janeiro, prope Nov. Friburgum provinciae Rio de Janeiro Brasiliae tropicae. {3} B100244712; B100244713; B100248259.

Polygonum diospyrifolium Cham. & Schltld., Linnaea 3: 47. 1828. {1} In Brasiliae tropicae provincia Rio de Janeiro in palustribus prope Novum Friburgum Januario legit Beyrich, alio loco Sellow. {2} HAL0098321 [ST]: Beyrich, H.C. s.n., 1822-01, Brazil, Rio de Janeiro, in Brasiliae tropicae provincia Rio de Janeiro in Palustribus prope Novum Friburgum. Not at HAL: Sellow, F. s.n., 1814–1831, Brazil. {3} B100248301; B100248302; K000532013.

Polygonum meisnerianum Cham. & Schltld., Linnaea 3: 40. 1828. {1} E Brasilia aequinoctiali misit Sellow. {2} HAL0053995 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} BR0000005430376.

Polygonum paronychia Cham. & Schltld., Linnaea 3: 51. 1828. {1} Ad portum S. Francisci Novae Californiae in arenosis littoralibus nobis ovvia venit. {2} HAL0098322 [ST]: Chamisso, L.C.A. von s.n., 1816, USA, California, San Francisco. {3} B100279346; KFTA0003505.

Polygonum persicaria L. var. *vernicosum* Cham. & Schltld., Linnaea 3: 42. 1828. {1} ad portum Talcaguano Chile, Sellowius que ad ripas fluminis Rio negro Brasiliae meridionalis legerunt. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Chile, Talcaguan. Not at HAL: Sellow, F. s.n., 1814–1831, Brazil; Brasiliae meridionalis, Rio Negro.

Polygonum stypticum Cham. & Schltld., Linnaea 3: 53. 1828. {1} Crescit in arenosis humidiusculis ad fluvium Rio Negro Brasiliae meridionalis. Sellow misit. {2} HAL0053996 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis, in arenosis humidiusculis ad fluvium Rio Negro. {3} B100248291; B100248292; F0BN004978 (photo in F).

Polygonum virgatum Cham. & Schltld., Linnaea 3: 45. 1828. {1} E Chile ad portum Talcaguano lectum ipsi retulimus, e Brasilia meridionali misit Sellow. {2} HAL0053998 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Chile, Talcaguano. {3} B100248288; B100248289.

Polypodium bergianum Schltld., Adumbr. pl. 1: 20, tab. 9 fig. 20. 1825. {1} In sylvis Promontorii bonae spei ad Kerstenbosch (Bergius, Mundt et Maire v.sp.) Februario mense fructificat. {2} Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa, in sylvis Promontorii bonae spei ad Kerstenbosch. Not at HAL: Mundt, J.L. & Maire, C. s.n., 1816-02-18, South Africa, in sylvis Promontorii bonae spei ad Kerstenbosch. {3} B200052870; B200052872; B200052873; B200052878.

Polypodium fallax Schltld. & Cham., Linnaea 5: 609. 1830. {1} In truncis arborum Misantlae regionis subcalidae. Feb. {2} HAL0081858 [ST]: Schiede, C.J.W. & Deppe, F. s.n., 1829-02, Mexico, Veracruz-Llave, in truncis arborum Misantlae regionis subcalidae. {3} B200075676; LE00008710, LE00008711; LE00008712.

Polypodium fraternum Schltld. & Cham., Linnaea 5: 608. 1830. {1} In truncis arborum prope Jalapam. Aug. {2} HAL0081855 [ST], HAL0107304 [ST]: Schiede, C.J.W. & Deppe, F. s.n., 1828-08, Mexico, Veracruz-Llave, in truncis arborum prope Jalapam. {3} B200124916; B200124917; LE00008715; LE00008779.

Polypodium furfuraceum Schltld. & Cham., Linnaea 5: 607. 1830. {1} Ad truncos arborum prope Jalapam. Aug. {2} HAL0081856 [ST], HAL0107305 [ST]: Schiede, C.J.W. & Deppe, F. 744 “750”, 1828-08, Mexico, Veracruz-Llave, ad truncos arborum prope Jalapam. {3} B200075721; LE00008719; LE00008720; MO-122612; P00624570.

Polypodium lepidotum Willd. ex Schltld. (nom. illeg.), Adumbr. pl. 2: 17. 1825. {1} Herb. Willd. N. 19612. {3} B-W19612. {4} Nom. illeg. according to ICN Art. 52.1 (*Polypodium macrocarpum* Bory ex Willd. was cited in protologue).

Polypodium lepidotum Willd. var. *angustifolium* Schltld. (nom. inval.), Adumbr. pl. 2: 17. 1825. {1} Not specified. {4} Nom. inval. (Art. 35.1).

Polypodium plebejum Schltld. & Cham., Linnaea 5: 607. 1830. {1} In truncis arborum prope Jalapam. Aug. {2} HAL0081853 [ST], HAL0107306 [ST]: Schiede, C.J.W. & Deppe, F. 741 “746”, 1828-08, Mexico, Veracruz-Llave, in truncis arborum prope Jalapam. {3} B200076245; LE00008778; LE00008780.

Polypodium puberulum Schltld. & Cham., Linnaea 5: 607. 1830. {1} Specimen unicum. {2} HAL0081852 [HT]: Schiede, C.J.W. & Deppe, F. s.n. “747”, 1828, Mexico. {4} Provided that HAL0081852 is indeed a unique specimen, it can be accepted as HT according to ICN Art. 9.1, Note 1.

Portulaca consanguinea Schltld., Linnaea 24: 693. 1852. {1} E seminibus sub Portulacae lanceolatae nomine a beato amicissimo G. Kunze nobiscum communicatis, ad hoc ipso e republica Texas acceptis. {2} Not at HAL: USA, Texas, cult. in bot. Hal. Seeds from G. Kunze.

Portulaca papulosa Schldtl., Bot. Zeitung 11: 671. 1853. {1} Ein[e] andere im Garten gezogenen Art, [...]. {2} Not at HAL: not cited. {4} According to Legrand, D., Anal. Mus. Hist. Nat. Montevideo 7: 116. 1962, the origin of this species is unknown.

Potamogeton americanus Cham. & Schldtl., Linnaea 2: 226. 1827. {1} cujusd. Am. Sept.; Specimen vidimus unicum. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., America. {4} P00738651 (collected by Leconte) was annotated on the label by Z. Kaplan 2006 as LT, but a corresponding publication was not found.

Potamogeton compressus L. var. *acutus* Schldtl., Fl. Berol. 1: 117. 1823. {1} Grunewald, Weissensee, Tegel, Mariendorf, etc. {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.

Potamogeton compressus L. var. *obtusus* Schldtl., Fl. Berol. 1: 117. 1823. {1} Grunewald, Weissensee, Tegel, Mariendorf, etc. {2} Not at HAL: Schlechtendal, D.F.L. von s.n., s.d., Germany, Berlin.

Potamogeton denticulatus Mohl ex Schldtl., Bot. Zeitung 14: 783. 1856. {1} [...] Alabama-Pflanzen von Gates gesammelt, [...]. {2} Not at HAL: Gates, H. s.n., s.d., USA, Alabama.

Potamogeton gaudichaudii Cham. & Schldtl., Linnaea 2: 197, 199. 1827. {1} In rivulo dulcis aquae urbem Agaña in insula Guajan percurrente legit amicissimus Gaudichaud. {2} Not at HAL: Gaudichaud-Beaupré, C. s.n., s.d., USA, Guam, in rivulo dulcis aquae urbem Agaña in insula Guajan. {3} G00164524; LE00000338; P00622886. {4} LE00000338 was annotated as LT by Z. Kaplan 2003 on the label, but a corresponding publication has not been found.

Potamogeton leschenaultii Cham. & Schldtl., Linnaea 2: 222. 1827. {1} Stirps altera a Leschenaultio in insula Teneriffa lecta (Hb. Reg. Paris). {2} Not at HAL: Leschenault de la Tour, J.B.L.T. s.n., s.d., Spain, Teneriffa. {4} According to Kaplan, Z. & Symoens, J.J., Bot. J. Linn. Soc. 148: 333. 2005, "Type: [Canary Islands:] '*Potamogeton leschenaultii*, Leschenaultio in insula Teneriffa lecta, ex herb. Kunth, ex Museo Paris, 1821' (syntype: BM, fragment from and illustration of the B collection, which itself was destroyed during World War II; no duplicate has recently been found in P, B or other herbaria)".

Potamogeton marianensis Cham. & Schldtl., Linnaea 2: 228. 1827. {1} In rivulo aquae dulcis urbem Agana insulae Guajan e Marianis irrigante a celeberrimo Gaudichaud lectus. {2} Not at HAL: Gaudichaud-Beaupré, C. s.n., 1830-01-01, USA, Mariana Islands. {3} G00164513; LE00000337 [LT?]; P00622887. {4} LE00000337 was annotated as LT by Z. Kaplan 2000 on the label, but a corresponding publication has not been found.

Potamogeton mascarensis Cham. & Schldtl., Linnaea 2: 228. 1827. {1} Hujus es insulis Mascarensibus specimina in Herbario Regio Parisiensi ad tribum *P. natantis* sunt referenda. {2} Not at HAL: Réunion, Ile de France [Mascarene Islands-Mauritius]. {3} P00327355 [LT]. {4} LT designated by Kaplan, Z. & Symoens, J.J., Bot. J. Linn. Soc. 148: 333. 2005.

Potamogeton nuttallii Cham. & Schldtl., Linnaea 2: 226. 1827. {1} Americae septentrionalis huc pertinentes species formaeque, ut ulteriori examini subjiciantur necesse erit. Nux *P. natalis* Nuttal peculiarem speciem suspicandam jubet. (natans Nuttal). {2} Not at HAL: Nuttal, T. s.n., 1824-03, America septentrionalis, [Jobil] ca (as *Potamogeton natans*). {3} K000099827 [LT?]. {4} K000099827 was annotated as LT by Z. Kaplan 2002 on the label, but a corresponding publication has not been found.

Potamogeton oblongus Viv. forma *lancifolius* Cham. & Schldtl., Linnaea 2: 215. 1827. {1} Not specified. {2} Not at HAL.

Potamogeton occidentalis Sieber ex Cham. & Schldtl., Linnaea 2: 224. 1827. {1} e specimine Domingensi a Poiteu l.; specimina Martinicensia Sieberi pl. exs. {2} HAL0063363 [ILT]: Sieber, F.W., Flora martinicensis (Sieber, F.W.) 275, s.d., Martinique. {2} Not at HAL: Poiteau, P.A. s.n., 1802, Dominican Republic. {3} FR0030890; G00099989; G00168003; G00168004; G00168005; G00168006; GOET009683; K000574281; LE00009133 [LT]; MPU019859; P00622902; P00622906; P00622907. {4} LT designated by Haynes, R.R. & Holm-Nielsen, L.B., Fl. Neotrop. 85: 26. 2003 ["LT: LE; ILT: G, GOET, HAL-63363, P"].

Potamogeton owaihiensis Cham. & Schldtl., Linnaea 2: 228. 1827. {1} in Aretis insulae O-Wahu. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Hawaii, O-Wahu. {3} C10018512; LD1804897 [ILT]. {4} LD1804897 was annotated as ILT by Z. Kaplan 2004 on the label, but a corresponding publication has not been found.

Potamogeton pensylvanicus Willd. ex Schldtl., Linnaea 2: 227. 1827. {1} hb. 3192 excl. specimine infimo. {2} Not at HAL: USA, Pennsylvania. {3} B-W03192.

Potamogeton polygonus Cham. & Schldtl., Linnaea 2: 184. 1827. {1} Brasilia aequinoctialis a Sellowio sunt lecta. {2} HAL0063528 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} BR0000006944094; G00099987; K000574272; K000574273; LE00000339; LE00000340 [LT];

LE00000341. {4} LT designated by Haynes, R.R. & Holm-Nielsen, L.B., Fl. Neotrop. 85: 22. 2003. [LT: LE; ILT: BR, G, HAL-63528, LE].

Potamogeton proteus Cham. & Schltl. (nom. illeg.), Linnaea 2: 196. 1827. {4} Nom. illeg. according to ICN Art. 52.1 (*Potamogeton heterophyllus* Schreb. cited in the protologue).

Potamogeton syriacus Cham. & Schltl., Linnaea 2: 227. 1827. {1} Bairut. {2} Not at HAL: Ehrenberg, Chr.G. s.n., 18??-05, Lebanon, Beirut.

Potamogeton thunbergii Cham. & Schltl., Linnaea 2: 221. 1827. {1} Vidimus specimina florifera et fructifera in Promontorio bonae spei ad Hartebeeskraal prope Brackri vier mense Januario a Mundt et Maire lecta. {2} HAL0063539 [LT]: Mundt, J.L. & Maire, C. s.n., Jan. (1815–1830), South Africa, Prom. b. spei, Hartebeeskraal prope Brackri. {3} LE. {4} LT designated by Kaplan, Z. & Symoenes, J.J., Bot. J. Linn. Soc. 48: 331. 2005.

Potamogeton trichoides Cham. & Schltl., Linnaea 2: 175. 1827. {1} Crescit in lacubus et lacunis P. pusillo rarior a Rossia ad Galliam. Vidimus ex Nawa fluvio prope Petersburg, e regione Berolinensi et Bremensi, e Silesia, e Germania media prope Erlangam lectam, e Belgia (la Campine) atque e regione Parisiensi. {4} Type material unknown; HAL0081708 (Schlechtendal, D.F.L. von s.n., 1829 Germany, Berlin, Spandau) is an authentic specimen that could be taken into consideration for the purpose of a neotypification.

Potentilla ehrenbergiana Schltl., Linnaea 13: 261. 1839. {1} Crescit pulchra haec species cum *P. comaroide* et *haematochroa* pr. Haajalote reg. Mineral del Monte (C. Ehrenberg). {2} HAL0098624 [ST], HAL0107625 [ST]: Ehrenberg, C.A. 290, 1831–1840, Mexico, Hidalgo, Mineral del Monte, near Huajalote.

Potentilla elegans Cham. & Schltl., Linnaea 2: 22. 1827. {1} *Tormentilla pusilla* Hb. Willd. n. 9923. Ex plants Redowskianis Camtschaticis; ad sinum St. Laurentii ipse legimus. {2} HAL0098246 [ST]: Chamisso, L.C.A. von s.n., 1816-07, Russian Federation, Kamchatskaya Oblast', ex plantis Redowskianis Kamtschaticis. Not at HAL: Pallas, P.S. von s.n., 1772-07, in summis montium. {3} B-W09923 (as "*Tormentilla pusilla*").

Potentilla fusca Schltl., Linnaea 13: 262. 1839. {1} In alpestribus pratis Cumbre de las papas Jun. flor. (Schiede); Mineral del Monte cum praecedente (C. Ehrenberg). {2} HAL0098159 [ST], HAL0119911 [ST]: Schiede, C.J.W. & Deppe, F. 801, 1831-06, Mexico, in pratis alpestribus Cumbre de las papas. HAL0119910 [ST]: Ehrenberg, C.A. 291, 1831–1840, Mexico, [Mineral del Monte].

Potentilla hiemalis Schltl. & Cham., Linnaea 5: 572. 1830. {1} Cruz blanca. Nov. {2} HAL0098148 [ST]: Schiede, C.J.W. & Deppe, F. s.n. "586", 18??-11, Mexico, Cruz blanca.

Potentilla nivea L. var. *arctica* Cham. & Schltl., Linnaea 2: 21. 1827. {1} E sinu atque insula St. Laurentii retulimus ipsi. *Potentilla nivea* [β] R. Brown Verm. Schr. 1. p. 395. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Alaska, e sinu atque insula St. Laurentii.

Potentilla nivea L. var. *camtschatica* Cham. & Schltl., Linnaea 2: 21. 1827. {1} Inter plantas Redowskianas, *Pot. macrantha* Ledeb. Mém. de Petersb. 5, p. 542, DC. Prodr. 2. p. 572. {2} Not at HAL: Ledebour, C.F. von s.n., s.d., Russian Federation, Hab. in Sibiria transbaicalensi circa urbem Jacutiam. {3} PH00021440 [lectotype, **designated here**]. {4} = *Potentilla macrantha* Ledeb., Mém. Acad. Imp. Sci. St. Pétersbourg Hist. Acad. 5: 541. 1812.

Potentilla nivea L. var. *lapponica* Cham. & Schltl. (nom. illeg. superfl.), Linnaea 2: 21. 1827. {1} Laponica, genuinae Linnaeanae speciei typum sistens, [...]. {4} = *Potentilla nivea* L. var. *nivea*.

Potentilla nivea L. var. *vulgaris* Cham. & Schltl., Linnaea 2: 21. 1827. {1} Hanc ex Helvetia, Groenlandia, Sibiria hebemus, ipsi e sinu St. Laurentii terrae Tschuktschorum nec non e sinu Eschscholzii littoris transbeeringiani Americae retulimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Alaska, e sinu St. Laurentii terrae Tschuktschorum.

Pothos podophyllus Schltl. & Cham., Linnaea 6: 22. 1831. {1} In sylvis umbrosis prope Hacienda de la Laguna. Sept. {2} HAL0079368 [ST], HAL0107347 [ST]: Schiede, C.J.W. & Deppe, F. 847, 1829-09, Mexico, Veracruz-Llave, in sylvis umbrosis prope Hacienda de la Laguna.

Pouzolzia caudata Benn. var. *pilosa* Schltl. (in herb.). {2} HAL0111199 [AS]: Metz, J.F., Pl. Ind. or. (Terr. Canara et confin.) Ed. R.F. Hohenacker 805 a, s.d., India, Prope urbem Mangalor.

Prostanthera behriana Schltl., Linnaea 20: 610. 1847. {1} Im felsigen Querthale der Tonunda. Hoher Strauch, mit weissen Blumen. November. {2} HAL0029918 [LT]: Behr, H.H. s.n. "99", 1844-11, Australia, im felsigen Querthale der Tonunda. {3} K000975436; P00686275; P00686276. {4} HAL0029918 was erroneously annotated on the label as HT by B.J. Conn (NSW) 1984-03-07, and cited as HT in Nuytsia 6(3): 377. 1988, which is correctable to LT according to ICN Art. 9.9.

Prunus laurifolia Schltl., Linnaea 13: 91, 404. 1839. {1} Linnaea V. p. 570 n. 579. Schiede fand diesen Baum zuerst in Blüthe im März, in der gemässigten Region der Cuesta grande de Chiconquiaco, später im Juni fruchttragend in einer anderen, nicht bezeichneten Gegend. {2} HAL0060495 [ST]: Schiede, C.J.W. s.n. “579”, 1829-03, Mexico, Veracruz-Llave, Cuesta grande de Chiconquiaco regionis temperatae. HAL0060494 [ST], HAL0107649 [ST]: Schiede, C.J.W. s.n., 1829-06, Mexico, sine loco. {3} BR0000005506507; GOET010046; BM000622224. Notes: Schlechtendal’s citation of number “579” refers to “Linnaea 5: 570. 1830.”

Prunus samydoides Schltl., Linnaea 13: 92, 404. 1839. {1} Gefunden ward diese Art von Schiede im August mit Früchten bei der Hacienda de la Laguna, und mit Blumen im Mai bei Cerrania de Zicoantla in der Nähe von Jalapa. {2} HAL0060496 [ST], HAL0107647 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, Cerrania de Zoncoantla, confinio Jalapae. HAL0060497 [ST], HAL0107648 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} BR0000005506514; F0068304F; G00356403 [LT]; G00356403; G00356404; GH00026967; GOET010053; GOET010054; HBG511134; MA601200; NY00429964; US00901660. {4} G00356403 was annotated as LT by Li Chaoluan 1984 on the label, but a corresponding publication has not been found.

Psoralea australasica Schltl., Linnaea 20: 668. 1847. {1} Ueberall bei Bethanien, meist am Wasser. December. {2} HAL0042501 [LT]: Behr, H.H. s.n. “197”, 1844-12, Australia, South Australia, Überall bei Bethanien. {3} MEL89796; P02774391. {4} HAL0042501 was erroneously cited as HT by Grimes, J., Muelleria 9: 195. 1996, which is, however, correctable to LT according to ICN Art. 9.9.

Psychotria alba Ruiz & Pav. var. *tonsa* Cham. & Schltl., Linnaea 4: 21. 1829. {1} In Brasilia aequinoctiali in vicinia urbis Rio Janeiro legit Sellowius specimina florifera. {2} Not at HAL: Sellow, F. 26, 1814–1831, Brazil, Rio Janeiro. {3} F0BN000440 (photo in F). {4} ≡ *Mapouria schlechtendaliana* Müll.Arg. (nom. nov.), Flora 59: 457. 1876.

Psychotria ciliolata Schltl., Linnaea 28: 519. 1856. {1} In Brasilia legerunt Freireis et Sellow (hb. propr.), [...]. {2} HAL0076160 [ST]: Freyreiss, G.W. & Sellow, F. s.n., 1815, Brazil, Brasilien. {4} HAL0076160 could be considered a HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Psychotria costato-venosa Schltl., Linnaea 28: 497. 1856. {1} W. Lechler pl. peruv. ed. Hohenacker n. 2077. Tabina Jul. m. 1854. {2} Not at HAL: Lechler, W., Plantae peruvianaed Ed. R.F. Hohenacker 2077, 1854-07, Peru, Tabina. {3} F0070367F; F0070368F; G00300740; GOET010441.

Psychotria kujabensis Schltl., Linnaea 28: 507. 1856. {1} *Psychotria*, arbor 12-dalis, Febr. flor. in sylvis Provinciae Matto-Grosso pr. Cujaba. Lhotzky Fl. exs. no. 19. HAL0075848 [ST]: Lhotsky, J., Flora Matto-Grosso 19, 1830–1832, Brazil, Mato Grosso, Prov. Matto-Grosso prope Cujaba. {3} F0070371F; F0BN000488 (photo in F); G00300749; MO-797072; W0053747.

Psychotria cuspidata Bredem. ex Roem. & Schult. var. *freireisiana* Schltl., Linnaea 28: 507. 1856. {1} Adduco et specimen a Freireisio cum Sellowio lectum Brasiliense, [...]. {2} HAL0076144 [ST]: Freyreiss, G.W. & Sellow, F. s.n., 1815, Brazil, Brasilien. {4} HAL0076144 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Psychotria doddajorrane Schltl. (pro syn.), pro syn. *Psychotria biscalata* Wight & Arn. in Hook f. Fl. Brit. India 3: 171. 1880. {1} HAL0113662 [AS]: Metz, J.F., Pl. Indiae or. (M. Nilagiri.) Ed. R.F. Hohenacker. 1851. 1372, 18??-04, India, Tamil Nādu, India. Mont. Nilagiri [Nilgiri Hills]. Incolis: Dodda-Jerranae. Pr. Kajole. Apr. m. {3} WU-Keck0065116; WU0066440.

Psychotria erythrocarpa Schltl., Linnaea 9: 595. 1835. {1} Frutex humanae altitudinis flor. albis, fructu rubro in regionibus Jalapae centerminis, pr. la Laguna Majo florens, Aug. fructifer. {2} HAL0076151 [ST], HAL0076152 [ST], HAL0100612 [ST]: Schiede, C.J.W. & Deppe, F. 1266, 1829-05, 1829-08, Mexico, Veracruz-Llave, Jalapa prope la Laguna. {3} F0069720F; F0BN000446 (photo in F); F0BN000519 (photo in F); GOET010445; K000174183; P00837059.

Psychotria formosa Cham. & Schltl., Linnaea 4: 24. 1829. {1} In Brasilia aequinoctiali misit Sellow. {2} HAL0075289 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilien. {3} F0070407F.

Psychotria jambosoides Schltl., Linnaea 28: 518. 1856. {1} In Brasilia legerunt Freireis et Sellow (hb. propr.), [...]. {2} HAL0075854 [ST]: Freyreiss, G.W. & Sellow, F. s.n., 1815, Brazil, Brasilien. {3} K000015384.

Psychotria justicioides Schltl., Linnaea 9: 596. 1835. {1} Barranca de Tioselo. Aug. {2} HAL0075852 [ST]: Schiede, C.J.W. s.n. “259”, 1829-08, Mexico, Barranca de Tioselo. {3} P00837064.

Psychotria leiocarpa Cham. & Schltl., Linnaea 4: 23. 1829. {1} E Brasilia tropica misit Sellow, varietatemque e provinciis meridionalibus. {2} HAL0076155 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} K000174314; K000174318.

Psychotria leiocarpa Cham. & Schltdl. var. *extratropica* Cham. & Schltdl., Linnaea 4: 23. 1829. {1} E Brasilia tropica misit Sellow, varietatemque e provinciis meridionalibus. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil. {3} F0070486F; G00301116.

Psychotria leiocarpa Cham. & Schltdl. var. *tropica* Cham. & Schltdl., Linnaea 4: 22. 1829. {1} E Brasilia tropica misit Sellow, varietatemque e provinciis meridionalibus. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil.

Psychotria lhotzkyana Schltdl., Linnaea 28: 505. 1856. {1} Nova est species Brasiliensis, quam in sylva Corcovado Julio legit Lhotzky (Fl. Sebast. p. 66) [...]. {2} HAL0076130 [ST]: Lhotsky, J., Flora Sebastiana 66, Jul. (1830–1832), Brazil, Minas Gerais, in sylva Corcovado. {4} HAL0076130 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Psychotria luschnathiana Klotzsch ex Schltdl., Linnaea 14: 293. 1840. {1} Mart. Hb. Fl. Bras. n. 604. In paludibus ad Cruz de Casma pr. Bahiam, Feb. {2} HAL0076153 [ST]: Luschnath, B., Herbarium florum brasiliensis 604, 1835-02-13, Brazil, Bahia, Cruz de Casma prope Bahia. HAL0076154 [ST]: Luschnath, B. 107, 18??, Brazil. Bahia. {3} BR0000005312177; BR0000005312504; BR0000005316359; F0070500F; M0198093; M0198094; MO-797270. {4} = *Psychotria luschnathii* Klotzsch ex Mart. (nom. illeg.), Flora 24 (2, Beibl.): 71. 1841, according to ICN Art. 52.1 and 52.2, based on the same type.

Psychotria marginata Schltdl. (nom. illeg.), Linnaea 28: 505. 1857. {1} Mart. hb. Fl. Bras. n. 232; in sylvis Caa-poera Apr. fruct. {2} HAL0076156 [ST]: Martius, C.F.P. von, Herbarium florum brasiliensis 232, 18??-04, Brazil, in sylvis Caa-poera. {3} BR0000005327058; E00265942; G00436626; M0189262; F0070997F. {4} Non Sw. 1788; = *Rudgea leiocarpoides* Müll.Arg. (nom. nov.), Flora 59(29): 456. 1876.

Psychotria neurotricha Schltdl. (nom. illeg.), Linnaea 28: 520. 1856. {1} Psychotria Poepp. hb. n. 1353. (hb. propr. specimen unicum). {2} HAL0075851 [ST]: Poeppig, E.F. 1353, s.d., not on sheet. {3} F0041075F; F0041076F; G00300264. {4} Non DC. 1830; = *Psychotria neurothrix* Müll.Arg. (nom. nov.), Fl. Bras. 6: 241. 1881.

Psychotria nitidula Cham. & Schltdl., Linnaea 4: 25. 1829. {1} E Brasilia tropica misit Sellow. {2} HAL0075853 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilien. {3} F0070532F; K000174312.

Psychotria nonatelioides Cham. & Schltdl., Linnaea 4: 26. 1829. {1} *Psychotria involucrata* H. Willd. n. 4090. Specimen Bredemeyerianum e Caracas. E Brasilia tropica misit Sellow. {2} Not at HAL: Bredemeyer, F. s.n., 1785–1788, Venezuela, Caracas. Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} B-W04090 (as *Psychotria involucrata*).

Psychotria philippensis Cham. & Schltdl., Linnaea 4: 21. 1829. {1} Legimus in maritimus circa Tierra-alta Luconiae. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Philippines, legimus in maritimus circa Tierra-alta Luconiae.

Psychotria pubigera Schltdl., Linnaea 28: 514. 1856. {1} In Brasilia leg. Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilien. {3} F0070579F; G00300402.

Psychotria syringiflora Schltdl., Linnaea 28: 516. 1856. {1} In Brasilia legit Blanchet (n. 3348). {2} HAL0075850 [ST]: Blanchet, J.S. 3348, 1828–1856, Brazil, Brasilia. {3} BR0000005317608; F0070660F; F0070661F; F0070662F; F0070663F; G00300170; G00301166; NY00132841; P00836760; P00836762.

Psychotria urophylla Schltdl., Linnaea 28: 522. 1856. {1} Poepp. hb. 1578. {2} HAL0075849 [ST]: Poeppig, E.F. 1578, s.d., sine loco.

Pteris flexuosa Kaulf. ex Schltdl. & Cham., Linnaea 5: 614. 1830. {1} In sylvis prope Jalapam. Aug. {2} HAL0137764 [ST]: Schiede, C.J.W. 731, 1828-08, Mexico, Veracruz-Llave, on dumetris Jalapam. HAL0137765 [ST]: Schiede, C.J.W. s.n. [s.n.], Mexico. {3} B200103147; B200103148; LE00008610. {4} HAL0137766 and HAL0137767 (Schiede, C.J.W. s.n. “785”, 1829-05) are topotypes.

Pteris pulchra Schltdl. & Cham., Linnaea 5: 614. 1830. {1} Inter Misantlam et Colipam, regionis subcalidae. Febr. {2} HAL0081851 [ST], HAL0107307, HAL0107308 [ST]: Schiede, C.J.W. s.n. “787”, 1829-02, Mexico, Veracruz-Llave, inter Misantlam et Colipam, regionis subcalidae. {3} B200142711; B200142712; B200142713; B200142714; BM001066241; NY00144629; P00610487; HBG according to Tropicos.

Ptilotus erubescens Schltdl., Linnaea 20: 575. 1847. {1} Auf trocken Hügeln bei Gawlertown, October. {2} HAL0098187 [ST]: Behr, H.H. s.n., 1845-10, Australia, auf trocken Hügeln bei Gawlertown. {4} HAL0098187 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Ptychodea Willd. ex Cham. & Schltdl. (nom. nud.), Linnaea 4: 168. 1829.

Pumilo Schltdl., Linnaea 21: 448. 1848.

Pumilo argyrolepis Schldtl. (type species of the genus *Pumilo* Schldtl.), Linnaea 21: 448. 1848. {1} Australia. {2} HAL0111977 [ST]: Behr, H.H. s.n., 1844–1845, Australia. {4} HAL0111977 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Pyrola minor L. var. *conferta* Cham. & Schldtl., Linnaea 1: 514. 1826. {1} Ex insula Unalashca attulimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Alsaka, ex insula Unalashca attulimus.

Pyrus sambucifolia Cham. & Schldtl., Linnaea 2: 36. 1827. {1} Legimus in clivis frondosis circa portum Petropauli Camtschatcae, fruticosam, hic autem nulla arbor praeter Betulam. {2} HAL0098162 [ST]: Anonymous collector s.n., 18??, Russian Federation, Kamchatskaya Oblast', Kamtschatka ad portum St. Petri et Pauli (Expeditio Lütke.). {4} HAL0098162 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Q

Quercus calophylla Schldtl. & Cham., Linnaea 5: 79. 1830. {1} Prope Jalapam. Aug. {2} HAL0060349 [HT?]: Schiede, C.J.W. s.n. "24", 1828-08, Mexico, Veracruz-Llave, prope Jalapam. {4} Annotated as HT by D.E. Breedlove 1994, which could be correct according to Art. 9.1, Note 1, provided than that the sample at HAL represents indeed a unique specimen (ICN Art. 9.1, Note 1).

Quercus germana Schldtl. & Cham., Linnaea 5: 78. 1830. {1} Jalapae. Aug. {2} HAL0060343 [ST]: Schiede, C.J.W. s.n. "21", 1828-08, Mexico, Veracruz-Llave, Jalapam. {3} G00358116; G00358117; GOET003780; HBG516804; UCSB000096. {4} HAL0060343 was erroneously annotated on the label as HT by D.E. Breedlove 1994.

Quercus lancifolia Schldtl. & Cham., Linnaea 5: 78. 1830. {1} Prope el molino de la Pedreguera. Aug. {2} Not at HAL: Schiede, C.J.W. s.n. "22", 18??-08, Mexico, Prope el molino de la Pedreguera. {3} P00754120 [LT]; UCSB000383. {4} P00754120 was annotated as LT by D.E. Breedlove 1987 on the label, but a corresponding publication has not been found.

Quercus oleoides Schldtl. & Cham., Linnaea 5: 79. 1830. {1} Hacienda de la Laguna. Oct. {2} HAL0060354 [ST]: Schiede, C.J.W. s.n. "23", 1828-10, Mexico; Veracruz-Llave, Hacienda de la Laguna. {3} LE00001524. {4} HAL0060354 was erroneously annotated as HT by D.E. Breedlove 1994.

Quercus polymorpha Schldtl. & Cham., Linnaea 5: 78. 1830. {1} Hacienda de la Laguna. Oct. {2} HAL0060344 [ST]: Schiede, C.J.W. s.n. "20", 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0060346 [ST]: Schiede, C.J.W. s.n., s.d., Mexico, Veracruz-Llave. {3} BR0000006914288; G00358141; GH00055714; UCSB000357. {4} HAL0060344 was erroneously annotated as HT by D.E. Breedlove 1994.

Quinio Schldtl., Linnaea 26: 732. 1855.

Quinio cocculoides Schldtl. (type species of the genus *Quinio* Schldtl.), Linnaea 26: 732. 1855. {1} In provincia Canara orae occidentalis peninsulae Indiae anterioris leg. rev. Metz communicavit clar. Hohenacker. {2} Not at HAL: Metz, J.F., Plantae Indiae or. (Terr. Canara.) Ed. R.F. Hohenacker 868, s.d., India, Prope urbem Mangalor. {3} K000644687; M0239668; M0239669; P00744949; P00744950.

R

Randia latifolia Lam. var. *micrantha* Schldtl., Linnaea 6: 723. 1831. {1} Hb. W. n. 5163 excl. fol. 2. {2} Not at HAL: Anonymous collector s.n., s.d., Jamaica. Not at HAL: Humboldt, F.W.H.A. von & Bonpland, A.J.A. 1388, 1801-03, Colombia, Carthagène [Cartagena], Rio Sinú. {3} B-W05136 (sub *Gardenia randia*).

Ranunculus chamissonis Schldtl., Animadv. Bot. Ranunc. Cand. 1: 12. 1819. {1} Habitat ad pedem montium glacialium loca uda glacie deliquescente madida in sinu St. Laurentii, qui in littore Asiae arcticae orientalis, haud procul a freto Behringii meridiem versus est situs, unde magnam hujus plantae copiam attulit amicissimus de Chamisso in cujus honorem hanc pulchram dixi speciem. {2} HAL0063558 [ST]: Chamisso, L.C.A. von s.n., 1816, Russian Federation, Chukotskiy Avtonomnyy Okrug, In sinu St. Laurentii [St. Laurence Bay, Kamchatka]. {3} K000693084.

Ranunculus cicutarius Schldtl., Animadv. Bot. Ranunc. Cand. 1: 25. 1819. {1} Habitat in Sibiria orientali, ubi a Doctore Merk lectus, ex Pallasii herbario in Willdenowianum transiit. {2} Not at HAL: Merck, C. s.n., s.d., Russian Federation, Sibiria orientali.

Ranunculus eschscholzii Schldtl., Animadv. Bot. Ranunc. Cand. 2: 16. 1820. {1} Hab. in insulis Unalashca et St. Georgii (de Chamisso). {2} Not at HAL: Chamisso, L.C.A. von s.n., 1816, USA, Alaska, Unalashka. {3} K000693034; BR0000005503988.

Ranunculus halophilus Schltld., Animadv. Bot. Ranunc. Cand. 1: 23. 1819. {1} Sibiriae indigenam. {2} HAL0063559 [ST]: Anonymous collector s.n., s.d., Russian Federation, Siberia.

Ranunculus hookeri Schltld., Linnaea 5: 210. 1830 [sub *R. fascicularis*], Linnaea 9: 610. 1834. {1} *Ran. fascicularis* Linn. V. p. 210. n. 425. excl. auct. Mühlenb. (qui aliam ex Hookero sub nomine *R. fascicularis* habuit speciem, cfr. Hook. Fl. Bor. Amer. I. p. 20. t. VIII. B.) excl. syn. Schltld. Ran. 2 p. 30 t. 2 et Hb. W. (qui *R. schlechtendalii* Hook. l. c. p. 21.) – In graminosis prope Jalapam Majo. 29. atque pr. Hac. de la Laguna Jul. 29; In graminosis prope Jalapam. Aug. {2} HAL0063555 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in graminosis prope Jalapam. HAL0063556 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, in graminosis prope Jalapam. HAL0063557 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, in graminosis prope Jalapam. {3} BM000565583; K000220191.

Ranunculus hornemannii Schltld. (nom. nov.), Animadv. Bot. Ranunc. Cand. 2: 36. 1820. {1} *R. tuberosus* Hornem. Hort. Hafn. 2. p. 527. Hab. in America boreali (Hornem.). {2} Not at HAL: Hornemann, J.W. s.n., s.d., Hab. in America boreali. {4} Nom nov. for *Ranunculus tuberosus* Hornem., Hort. Bot. Hafn.2: 527. 1815, non Lapeyr. 1813.

Ranunculus lechleri Schltld., Linnaea 27: 557. 1856. {1} St. Gavan in summo Cordillerarum jugo ad nivem aeternam Julio 1854 flotentem collegit Lechler (no. 2216). {2} Not at HAL: Lechler, W., Plantae peruvianae 2216, 1854-07, Peru, St. Gavan in summo Cordillerarum. {3} G00440878; GOET009752; K000220225; MO-493355.

Ranunculus litoralis Schltld. (nom. nud.), Berberid. Amer. Austral.: 54. 1857. {2} HAL0063575 [AS]: Lechler, W. Plantae chilenses 691, 18??-12, Chile, Coquimbo, La litorale arenoso Oc. pacif. pr. Morro Gonzales, in provincia Valdivia.

Ranunculus llaveanus Schltld., Linnaea 10: 233. 1835. {1} In graminosis Jalapae. Jun. 29. {2} Not at HAL: Schiede, C.J.W. s.n., 1829-06, Mexico, Veracruz-Llave, in graminosis Jalapae. {3} BM000565584; BR0000005295586; E00373235; G00440843; GH00038461; GOET009810; HBG508826; NY00353515; P00587458; P00587459.

Ranunculus pallasii Schltld., Animadv. Bot. Ranunc. Cand. 1: 15. 1819. {1} Habitat in littore occidentali Americae summae arcticae, in sinibus scilicet Eschscholzii et bonae spei, inque insula St. Georgii parva insula ultra insulas Aleuticas septentrionem versus sita. (de Chamisso). {2} HAL0063560 [ST]: Chamisso, L.C.A. von s.n., s.d., USA, Alaska, Insula St. Georgii. {3} K000692965; K000692966. {4} HAL0063560 was erroneously cited as HT by Hoffmann, M.H., Schlechtendalia 1: 20. 1998, which is correctable to LT according to ICN Art. 9.9.

Ranunculus pedatifidus Schltld. (nom. illeg.), Animadv. Bot. Ranunc. Cand. 2: 18. 1820. {1} DC. l. c. p. 275. n. 81. Amicissimus de Chamisso nobiscum communicavit specimina in sinu St. Laurentii lecta, quae ad hanc stirpem ex nostra saltem sententia sunt afferenda, licet parum differant a descriptione Candollii. {2} HAL0061971 [LT]: Chamisso, L.C.A. von s.n., 1816, USA, Alaska, in sinu St. Laurentii. {4} Non Sm. 1818. LT designated by Hoffmann, M.A., Schlechtendalia 1: 21. 1998. Could be considered as HT in the event that it is a unique specimens (ICN Art. 9.1, Note 1).

Redowskia Cham. & Schltld., Linnaea 1: 32. 1826.

Redowskia sopherifolia Cham. & Schltld. (type species of genus *Redowskia* Cham. & Schltld.), Linnaea 1: 33. 1826. {1} In Asia boreali orientali legit Redowski. {2} HAL0084106 [ST]: Redowski, I. s.n. “1”, 1816, Russian Federation, Kamchatskaya Oblast’, Asia boreali orientali, Kamtschatka. {3} G00371877; P01817595.

Rhamnus capreifolia Schltld., Linnaea 15: 464. 1841. {1} Schiede legit in sylvis Jalapensibus Majo florentem, pr. Sosocola in conf. Jalapae majo juniores fructus ferentem; in saxosis Malapays de Naulingo Aprili florentem; C. Ehrenbergius prope el Puente de dios Oct. fructibus maturis onustam. {2} HAL0021521 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, Prope Sosocola in conf. Jalapae. HAL0021748 [ST], HAL0107596 [ST]: Schiede, C.J.W. s.n., 1829-04, Mexico, Veracruz-Llave, in Saxosis Malpays de Naulingo. HAL0021523 [ST], HAL0107597 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in sylvis Jalapensibus. HAL0021750 [ST]: Ehrenberg, C.A. 778, 1837-10, Mexico, Hildago, Prope el Puente de dios. {3} BR0000005295418; W according to Tropicos. {4} HAL0021748 was simply cited as “type” by Johnston, M.C. & Johnston, L.A., Fl. Neotrop. Monogr. 20: 32. 1978.

Rhamnus mucronata Schltld., Linnaea 15: 465. 1841. {1} In reg. frig. pr. Chantla et pr. Aganguco leg. Schiede Novbr. fructibus hand plane maturis. {2} HAL0021798 [ST], HAL0107599 [ST]: Schiede, C.J.W. s.n., 1835-11, Mexico, Michoacán de Ocampo, prope Angangues, reg. frig. HAL0021797 [ST], HAL0107598 [ST]: Schiede, C.J.W. 991, 1835-11, Mexico, Veracruz-Llave, prope Chantla, reg. frig. {3}

BR0000005296071. {4} Johnston, M.C. & Johnston, L.A., Fl. Neotrop. Monogr. 20: 48. 1978, cited HAL0021798 simply as “type” without any specification.

Rhoxia deppeana Schltdl. & Cham., Linnaea 5: 566. 1830. {1} San Andres et Serro colorado. Aug. {2} Not at HAL: Schiede, C.J.W. s.n. “564”, 18??-08, Mexico, San Andres et Serro colorado. {3} FOBN016824 (photo in F); US00681567.

Rhoxia elegans Schltdl., Linnaea 13: 432. 1839. {1} In umbrosis pr. Jalapam Jun. flor.; pr. Chiconquiaco Sept. fruct. (Schiede). {2} HAL0033208 [ST]: Schiede, C.J.W. s.n., 1829-06, Mexico, Veracruz-Llave, in umbrosis prope Jalapam. Not at HAL: Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, pr. Chiconquiaco. {3} BM000953918; BM000953919; BR0000005189014; GOET007942. {4} Validly published alternative name for *Heeria elegans* Schltdl. (nom. inval.). For typification details see under the latter name.

Rhoxia floribunda Schltdl., Linnaea 13: 431. 1839. {1} Loco non indicato in imperio Mexicano (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico.

Rhoxia grandifolia Schltdl., Linnaea 13: 429. 1839. {1} Cuesta grande de Chiconquiaco, Sept. fruct. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 18??-09, Mexico, Veracruz-Llave, Cuesta Grande de Chiconquiaco. {3} K000530799.

Rhoxia inaequilateralis Schltdl. & Cham., Linnaea 5: 567. 1830. {1} Cuesta grande de Chiconquiaco regionis temperate. Mart. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. s.n., 18??-03, Mexico, Veracruz-Llave, Cuesta Grande de Chiconquiaco. {3} US00120180.

Rhoxia parvifolia Schltdl. (nom. illeg. superfl.), Linnaea 13: 428. 1839. {4} = *Rhoxia inaequilateralis* Schltdl. & Cham., Linnaea 5: 567. 1830.

Rhoxia rufipilis Schltdl., Linnaea 13: 430. 1830. {1} In sylvis pr. Jalapam in monte Macultepec, San Andres, Aug. flor. et fruct. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 18??-08, Mexico, Veracruz-Llave, in sylvis pr. Jalapam in monte Macultepec, San Andres. {3} BM000901168; BR0000005530663. {4} = *Rhoxia schiedeana* var. *macrantha* Schltdl. & Cham., Linnaea 5: 566. 1830.

Rhoxia scabriuscula Schltdl., Linnaea 13: 431. 1839. {1} Loco non indicato in regno Mexicano (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 18??, Mexico.

Rhoxia schiedeana Schltdl. & Cham., Linnaea 5: 565. 1830. {1} in apricis Misantlae. Mart. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. s.n., 18??-03, Mexico, in apricis Misantlae. {3} BR0000005190683; K000328978; K000328979.

Rhoxia schiedeana Schltdl. & Cham. var. *macrantha* Schltdl. & Cham., Linnaea 5: 566. 1830. {1} In sylvis pr. Jalapam in monte Macultepec, San Andres, Aug. flor. et fruct. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 18??-08, Mexico, Veracruz-Llave, in sylvis pr. Jalapam in monte Macultepec, San Andres. {3} BM000901168; BR0000005530663. {4} = *Rhoxia rufipilis* Schltdl., Linnaea 13: 430. 1830.

Rhoxia versicolor Schltdl. & Cham. (nom. illeg.), Linnaea 5: 565. 1830. {1} ad rupes umbrosas prope Jalacingo. Dec. {2} Not at HAL: Schiede, C.J.W. & Deppe, F. s.n., 18??-12, Mexico, ad rupes umbrosas prope Jalacingo. {4} Non Lindl. 1827.

Rhus crenatifolia Schltdl., Linnaea 16: 483. 1842. {1} Pr. Tula Sept. m. leg. Schiede. {2} HAL0118650 [ST]: Schiede, C.J.W. 999, 1836-09, Mexico, pr. Tula. {4} HAL0118650 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Rhus schiedeana Schltdl., Linnaea 16: 480. 1842. {1} Barranca de Santa Maria inter S. Jose del Oro et Izmiqulpan reg. tem. Junio flor leg. Schiede ‘Arbuscula flor. Albis’; Ad Reglam a Sept. ad Nov. flor. leg. C. Ehrenberg ‘Arbor frutexve’. {2} Not at HAL: Schiede, C.J.W. s.n., 18??-06, Mexico, Barranca de Santa Maria inter S. Jose del Oro et Izmiqulpan reg. tem. Not at HAL: Ehrenberg, C.A. s.n., 1837-09, 1837-11, Mexico, Ad Reglam. {3} BR0000006952259.

Rhus schmidelioides Schltdl., Linnaea 16: 482. 1842. {1} In montibus calcareis prope los Banos de Atotonilco el Grande leg. C. Ehrenberg ‘frutex 10-pedalis nondum flores’; inter Zimapan et Encarnacion Jan. fructiferam leg. b. Schiede, ‘fructus coccineus’. {2} Not at HAL: Ehrenberg, C.A. s.n., 18??, Mexico, in montibus calcareis prope los Banos de Atotonilco el Grande. Not at HAL: Schiede, C.J.W. s.n., 18??-01, Mexico, inter Zimapan et Encarnacion. {3} BR0000006952242.

Rhus terebinthifolia Schltdl. & Cham., Linnaea 5: 600. 1830. {1} In sylvis Papantlae. Jan. {2} HAL0079259 [ST], HAL0118651 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “715”, 1829-01, Mexico, Veracruz-Llave, in sylvis Papantlae. HAL0107604 [ST]: Anonymous collector s.n. “715”, 18??, Mexico. {3} BR0000006952945; F0047669F; K000572505; MO-194588.

Rhynchosia erythrinoides Schltdl. & Cham., Linnaea 5: 587. 1830. {1} Inter Misantlam et Nantlam in sylvis Mart. fructifera. {2} HAL0098589 [ST], HAL0107630 [ST]: Schiede, C.J.W. s.n. “657”, 1829-03,

Mexico, Veracruz-Llave, inter Misantlam et Nantlam in sylvis. {3} BM000799992; LE00002544; W0053159.

Rhynchosia grandiflora Schltld. & Cham., Linnaea 5: 588. 1830. {1} In apricis prope la Hacienda de la Laguna. Oct. floribus et fructibus gaudens. {2} HAL0098590 [ST], HAL0107631 [ST]: Schiede, C.J.W. 251 “659”, 1828-10, Mexico, Veracruz-Llave, in apricis prope la Hacienda de la Laguna.

Rhynchospora adulta Schltld., Bot. Zeitung 7: 166. 1849. {1} In Barranca de Tioselo inter Tioselo et Jicochimalco Aug. m. fructiferum legit Schiede. {2} HAL0079376 [ST], HAL0107395 [ST], HAL0107573 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Barranca de Tioselo, inter Tioselo et Jicochimalco.

Rhynchospora laevis Schltld., Linnaea 25: 166. 1852. {1} Ex provincia Sta. Catharina Brasiliae semia misit clar. Pabst. {2} Not at HAL: Pabst, C., 1847–1850, Brazil, ex provincia Sta. Catharina Brasiliae semia.

Richardsonia grandiflora Cham. & Schltld., Linnaea 3: 351. 1828. {1} In campis Brasiliae meridionalis pluribus locis variisque temporibus legit Sellow. {2} HAL0098298 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} F0BN000848 (photo in F); HBG506620; K000016522 [LT]; W1889-0285875. {4} LT designated by Lewis, W.H. & Oliver, R.L., Brittonia 26: 283. 1974.

Richardsonia humistrata Cham. & Schltld., Linnaea 3: 353. 1828. {1} In Brasilia meridionalis provincia Montevideo haud procul ab urbe collegit Sellow, semenque horto nostro botanico tradidi, ubi anno 1826 vigebat. {2} HAL0098299 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Montevideo, Brasilia meridionalis, Prov. Montevideo. {4} HAL0098299 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Richardsonia stellaris Cham. & Schltld., Linnaea 3: 352. 1828. {1} In Brasilia meridionalis provincia Cisplatina legit Sellow, semineque misso in hortum Regium Berolinensem introduxit, in quo horto anno 1826 sub nomine Sp. crassifoliae hospitabatur; [...]. {2} HAL0113812 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Brasilia meridionalis, Prov. Cisplatina. {3} F0BN000851 (photo in F).

Riedlea interrupta Schltld., Linnaea 11: 375. 1837. {1} Hacienda de la Laguna Jul. 29 (Schiede). {2} HAL0098397 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, la Hacienda de la Laguna. {3} HBG512365.

Robinia acuminata Schltld., Linnaea 12: 306. 1838. {1} *Lonchocarpus* sp. secund. Linn. l. c. n. 622. Frutex pr. Mapilque Dec. 28. (Schiede). {2} HAL0047637 [LT]: Schiede, C.J.W. s.n. “622”, 1828-12, Mexico, prope Mapilque. {4} LT designated by Sousa, M., Ann. Missouri Bot. Gard. 73: 724. 1986. Schlechtendal’s citation of number “622” refers to “Linnaea 5: 581. 1830.”

Robinia ehrenbergii Schltld., Linnaea 12: 303. 1838. {1} In solo calcareo boream versus ab aquis calidis pr. Grande Jul. (C. Ehrenberg). {2} HAL0071864 [HT]: Ehrenberg, C.A. s.n., 1831-07, Mexico, nördlich der heißen Bäder bei Grande, Kalkboden. {4} HAL0071864 was annotated as HT by M. Lavin (MONT) 1993. HAL0071864 can be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Robinia melanocarpa Schltld., Linnaea 12: 305. 1838. {1} In sylvis Papantlae Jan. 29. (Schiede). {2} HAL0027986 [ST], HAL0071866 [LT]: Schiede, C.J.W. s.n., 1829-01, Mexico, Veracruz-Llave, In sylvis Papantlae. {3} BM000931460; W0067918. {4} HAL0071866 was erroneously cited as HT by Lavin, M. & Sousa S., M., Syst. Bot. Monogr. 45: 60. 1995, which is correctable according to ICN Art. 9.9.

Robinia schiedeana Schltld., Linnaea 12: 306. 1838. {1} Inter Veracruz et Sta Fé. Jul. (Schiede). {2} HAL0027985 [ST], HAL0107640 [ST]: Schiede, C.J.W. 255 “621”, 1828-07, Mexico, Veracruz-Llave, inter Vera-Cruz et Santa Fe.

Robinia variegata Schltld., Linnaea 12: 301. 1838. {1} In regione calidissima pr. Actopan April (Schiede). {2} HAL0071865 [LT]: Schiede, C.J.W. s.n., 1829-04, Mexico, Veracruz-Llave, prope Actopan, reg. calid. {4} HAL0071865 was erroneously cited as HT by Lavin, M. & Sousa S., M., Syst. Bot. Monogr. 45: 93. 1995, which is correctable according to ICN Art. 9.9.

Rollinia emarginata Schltld., Linnaea 9: 318. 1834. {1} In Brasilia meridionali pluribus legit locis Sellowius. {2} HAL0076440 [ILT]: Sellow, F. 4899, 2137, 5866, 1814–1831, Brazil, Brasilia meridionalis. {3} B100243136 [LT]; B100243137 [Sellow 5866]; F0BN014266 (photo in F); G00226061; GH00039648; K000486423; K000486425; K000486426; L0038190; LE00000408; LE00000409; PH00024687; US00098833. {4} LT designated by Maas, P.J.M. et al., Fl. Neotrop. Monogr. 57: 95. 1992.

Rollinia laurifolia Schltld., Linnaea 9: 319. 1834. {1} In Brasilia legit Sellow et specimina dedit florentia due. {2} Not at HAL: Sellow, F. 1190, 1814–1831, Brazil. {3} B100243125 [ST]; F0BN014272 (photo in F); LE00012567 [Sellow 809]. {4} ≡ *Annona neolaurifolia* H.Rainer (nom. nov.), Ann. Naturhist. Mus.

Wien, B 108: 199. 2007; = *Rollinia laurifolia* var. *erecta* R.E.Fr., Acta Horti Berg. 12: 150, f. 6e. 1934. B100243125 was cited by Fries, K.R.E., Acta Horti Berg. 12: 150, fig. 6e. 1934 [“Sellow 1190”] simply as “type”.

Rollinia rugulosa Schltld., Linnaea 9: 316. 1834. {1} In Brasilia Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil. {3} B100243130; F0BN014282 (photo in F). {4} The specimen B100243130 was cited as HT by Rainer, H., Ann. Naturhist. Mus. Wien 108B: 198. 2007.

Rollinia salicifolia Schltld., Linnaea 9: 317. 1834. {1} In Brasilia australiori legit Sellow, In insula Stae Catharinae Brasiliae, de Chamisso. {2} HAL0076442 [LT], HAL0076443 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia australiori. Not at HAL: Chamisso, L.C.A. von s.n., s.d., Brazil, in insula Stae Catharinae Brasiliae. {3} B100243131; B100243132; F0BN014283 (photo in F); K000486422; L0038188; LE00000417; LE00000418; PH00024691; UC493619. {4} = *Annona neosalicifolia* H.Rainer (nom. nov.), Ann. Naturhist. Mus. Wien, B 108: 199. 2007; LT designated by Rainer, H., Schlechtendalia 10: 4. 2003 (“F. Sellow s.n., s.d. [LT: HAL; ILT: B, G, HAL, L, LE]; F. Sellow 1498 [ST: B]; Chamisso, L.C.A. von s.n., s.d. [ST: B?]”).

Rosa californica Cham. & Schltld., Linnaea 2: 35. 1827. {1} Quam e San Francisco retulimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, California, San Francisco.

Rotala mexicana Schltld. & Cham., Linnaea 5: 567. 1830. {1} In aquis fluentibus prope Hacienda de la Laguna. Oct. {2} HAL0098154 [ST]: Schiede, C.J.W. s.n. “566”, 1828-10, Mexico, Veracruz-Llave, in aquis fluentibus prope Hacienda de la Laguna. {3} MO-2151195; W0010433.

Rubia ephedroides Cham. & Schltld., Linnaea 3: 231. 1828. {1} In Brasilia meridionali lectam misist Sellow. {2} HAL0046683 [HT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {4} HAL0046683 was annotated as HT by L.T. Dempster (JEPS) 1981, which could be correct according to Art. 9.1, Note 1, provided that the sample at HAL represents indeed a unique specimen.

Rubia equisetoides Cham. & Schltld., Linnaea 3: 232. 1828. {1} Semel collectam in Brasilia meridionali dedit Sellowius. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} F0BN000936 (photo in F).

Rubia indecora Cham. & Schltld., Linnaea 3: 229. 1828. {1} In Brasilia aequinoctiali lectam misit Sellow. {2} HAL0098344 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctialis. {3} M0187679.

Rubia relbun Cham. & Schltld., Linnaea 3: 229. 1828. {1} E vicinia portus Talcaguano Chilensis eque freto Brasiliensi St. Catharinae ipsi retulimus, misitque Sellowius e Brasilia meridionali, ad ripas fluvii Taguari lectam. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Chile, portus Talcaguano and Brazil, St. Catharinae. Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis ad ripas fluvii Taguari. {3} LECB0001551. {4} According to Tropicos, LT in LE was designated by Ehrendorfer, F., Revision of the genus *Relbunium* (Endl.) Benth. et Hook. [Rubiaceae-Galieae]: 35. 1955.

Rubia valantioides Cham. & Schltld., Linnaea 3: 231. 1828. {1} E Brasilia misit Sellow. {2} HAL0098345 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {4} HAL0098345 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Rubia vilis Cham. & Schltld., Linnaea 3: 230. 1828. {1} Hanc Brasiliae meridionalis incolam collegit et tradidit Sellow. {2} HAL0098350 [ST]: Sellow, F. 270, 1814–1831, Brazil, Brasilia meridionalis. {3} F0070951F; G-DC according to Tropicos.

Rubus adenotrichos Schltld., Linnaea 13: 267. 1839. {1} In dumetis Jalapae Majo florens petalis albis (Schiede). {2} HAL0060490 [ST], HAL0107628 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in dumetis Jalapae. {3} GOET010090; NY00429609; P00682372.

Rubus dumetorum Schltld. (nom. illeg.), Linnaea 13: 267. 1839. {1} In dumetis Jalapae Majo florens petalis albis (Schiede). {2} HAL0060485 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in dumetis Jalapae. {4} Non Weihe ex Boenn. 1824; = *Rubus schiedeanus* Steud. (nom. nov.), Nomencl. Bot. (ed. 2) 2: 479. 1841. HAL0060485 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Rubus fagifolius Schltld. & Cham., Linnaea 5: 571. 1830. {1} In dumetis Papantlae. Jan. {2} HAL0060479 [ST], HAL0107629 [ST]: Schiede, C.J.W. s.n. “581”, 1829-01, Mexico, Veracruz-Llave, in dumetis Papantlae.

Rubus fastigiatus Weihe & Nees var. *bergii* Cham. & Schltld., Linnaea 2: 16. 1827. {1} Inter plantas Bergianas Capense, nulla adjecta schedula. {2} Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa, Cape.

Rubus humifusus Schltld. (nom. illeg.), Linnaea 13: 270. 1839. {1} In dumetis apricis et graminosis Jalapae, Majo florentem petalis albis et pr. San Miguel Jun. (Schiede). {2} HAL0060488 [ST]: Schiede, C.J.W. s.n., 1829-06, Mexico, prope San Miguel. HAL0060489 [ST], HAL0107626 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in dumetis apricis et graminosis Jalapae. {3} GOET010121; NY00429622. {4} Non Weihe & Nees 1821; = *Rubus humistratus* Steud. (nom. nov.), Nomencl. bot. ed. 2 vol. 2 (11): 478. 1841.

Rubus imperialis Cham. & Schltld., Linnaea 2: 13. 1827. {1} In omni Brasilia, in insula St. Catharina nos ipsi legimus, quem in provincia Rio de Janeiro in nemorosis prope Clemente ad Rio Paquaquer legit Beyrich, atque in provinciis Rio grande do Sul et Montevideo Sellow. Januario florere incipit. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Brazil, insula St. Catharina. Not at HAL: Beyrich, H.C. s.n., s.d., Brazil, provincia Rio de Janeiro in nemorosis prope Clemente ad Rio Paquaquer. Not at HAL: Sellow, F. s.n., Jan. (1814–1831), Brazil, Rio Grande do Sul et Montevideo.

Rubus mundtii Cham. & Schltld., Linnaea 2: 18. 1827. {1} In Promontorio bonae spei in dumetis prope Hanglip Julio legerunt florentem Mundt et Maire. {2} HAL0098161 [ST]: Mundt, J.L. & Maire, C. s.n. “135”, Jul. (1815–1830), South Africa, Prom. bon. spei, prope Hanglip. {4} HAL0098161 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1). In “Linnaea 2. 18. 1827” “13” was cited, but on the label “135” is mentioned. It remains unclear whether this number refers to a true Mundt & Maire numeration.

Rubus occidentalis L. var. *incisus* Schltld., Linnaea 13: 271. 1828. {1} Unicum hujus formae exemplum vidimus fructiferum Septembri mense pr. Lermam a beato Schiedeo nostro lectum. {2} HAL0060484 [ST]: Schiede, C.J.W. s.n., 1830-09, Mexico, prope Lerma. {3} BR0000005294961.

Rubus sapidus Schltld., Linnaea 13: 269. 1839. {1} In dumetis Jalapae frequens. Cor. alba. Fl. Majo (Schiede). Eandem speciem prope Reglam legit amiciss. C. Ehrenberg. {2} HAL0060482 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in dumetis Jalapae frequens. HAL0060483 [ST]: Ehrenberg, C.A. 533, 1835, Mexico, Hidalgo, prope Reglam. {3} BR0000005490356; GOET010144; NY00429625; P00682389; P00682392.

Rubus sapidus Schltld. forma *abnormis* Schltld., Linnaea 13: 269. 1839. {1} Monstrosam tam in dumetis Jalapae quam inter Jalapam et el molino de Pedreguera reperit beatus amicus annotavitque sterilem esse, [...]. {2} HAL0060481 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in dumetis Jalapae quam inter Jalapam et del molino de Pedreguera. {3} BR0000005294770; GOET010145.

Rubus sellowii Cham. & Schltld., Linnaea 2: 15. 1827. {1} In provinciis Brasiliae meridionalis Rio grande do Sul et Montevideo legit Sellow. {2} HAL0098247 [ST]: Sellow, F. 1466, 1814–1831, Brazil, Brasilia meridionalis. {3} B100248177; F0BN018034 (photo in F).

Rubus tagallus Cham. & Schltld., Linnaea 2: 9. 1827. {1} Legimus in montosis sylvaticis interioris insulae Loconia in itinere as montem ignivomum Taal. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Philippine, insulae Loconia in itinere as montem ignivomum Taal. {3} B and LE according to Tropicis.

Rubus trichomallus Schltld., Linnaea 13: 268. 1846. {1} Ad Hacienda de la Laguna Aug. defloratum lect. (Schiede). {2} HAL0060486 [ST], HAL0107627 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna.

Rubus ursinus Cham. & Schltld., Linnaea 2: 11. 1827. {1} In dumetis ad sinum St. Francisci californiae novae una cum *R. vitifolius* legimus. {2} Not at HAL: Chamisso, L.C.A. von 180, s.d., USA, California, San Francisco. {3} B100278168.

Rubus vitifolius Cham. & Schltld., Linnaea 2: 10. 1827. {1} Ad San Francisco Californiae reperimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, California, San Francisco.

Ruehssia H.Karst. ex Schltld., Linnaea 26: 669. 1854.

Ruehssia purpurea Schltld. (type species of genus *Ruehssia* H.Karst. ex Schltld.), Linnaea 26: 669. 1854. {1} In sepibus prope Maiquetia, c. 1000', Nov. {2} Not at HAL: Wagener, H. s.n., s.d., Venezuela, in sepibus prope Maiquetia, c. 1000'.

Ruellia jussieuoides Schltld. & Cham., Linnaea 6: 370. 1831. {1} Ad ripas fluminis Misantlensis prope Misantlam. Mart. {2} HAL0098540 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1164”, 1829-03, Mexico, Veracruz-Llave, ad ripas fluminis Misantlensis prope Misantlam. {3} W0014703; W0015424.

Ruellia lacustris Schltld. & Cham., Linnaea 5: 96. 1830. {1} In ipsa Laguna (lacu) de Jalapa. Sept. {2} HAL0107387 [ST]: Deppe, F. & Schiede, C.J.W. 491 “123”, 1828-09, Mexico, Veracruz-Llave, in Laguna de Jalapa. {3} M0186224.

Ruellia neesiana Klotzsch ex Schldtl. (nom. illeg.), Linnaea 14: 289. 1840. {1} In paludibus Bahiae Cruz de Casma. Jul. {2} HAL0071915 [ST]: Luschnath, B., Coll. pl. Bahiensis 55, 1831-07, Brazil, in paludibus Bahiae, Cruz de Casma. {3} BR0000013222031. {4} Non Wall. 1830.

Ruellia rivularis Schldtl., Linnaea 7: 396. 1832. {1} In rivulis, Cuesta grande de Chiconquiaco Sept. 29. {2} Not at HAL: Schiede, C.J.W. s.n. "79", 1829-09, Mexico, Cuesta grande de Chiconquiaco. {3} GOET000026; P00650222; MO-159501; NY00312015.

Russelia alata Cham. & Schldtl., Linnaea 3: 3. 1828. {1} In Brasilia aequinoctiali collegit Sellow. {2} HAL0071747 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia aequinoctiali. {3} K000528805 [LT]. {4} LT designated by Barringer, K.A., J. Arnold Arbor. 65: 146. 1984.

Russelia equisetiformis Schldtl. & Cham., Linnaea 6: 377. 1831. {1} In apricioribus Papantlae. Dec. {2} HAL0097776 [ST], HAL0107363 [ST]: Deppe, F. & Schiede, C.J.W. s.n. "1187", 1828-12, Mexico, Veracruz-Llave, in apricioribus Papantlae. {3} PH00027111; GH according to Tropicos.

Russelia syringifolia Schldtl. & Cham., Linnaea 6: 376. 1831. {1} Papantla. Dec. {2} HAL0097775 [ST], HAL0107362 [ST]: Deppe, F. & Schiede, C.J.W. s.n. "1186", 1828-12, Mexico, Veracruz-Llave, Papantla. {3} PH00027121; W0028007.

S

Sabatia australe Cham. & Schldtl., Linnaea 1: 194. 1826. {1} Specimina majora in planitiebus (campos) provinciae Cisplatinae Brasiliae lecta, minora 8 pollicaria loco naturali Braxuelo sunt signata. Novembri mense floret. Sellow misit. {2} HAL0076408 [ST], HAL0076409 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. HAL0076411 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Montevideo. {3} BR0000005109258; E00001601; FR0031845; G00132069; G00369703; G00369704; K000438585; M0184055; S-R-5529; W0008670; W0008671; W1889-0283764.

Sabicea grisea Cham. & Schldtl., Linnaea 4: 192. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, in Brasilia aequinoctiali. {3} F0071060F; F0BN000303 (photo in F); K000015222; K000424281.

Sagittaria chilensis Cham. & Schldtl., Linnaea 2: 155. 1827. {1} In regno Chilensi prope urbem Conception legimus ipsi. {2} HAL0063585 [ST]: Chamisso, L.C.A. von s.n., 1816-02, Chile, Reg. Montevideo. {4} HAL0063585 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Sagittaria edulis Schldtl. (nom. illeg.), Linnaea 18: 432. 1845. {1} *Sagittaria macrophylla* Zucc., quae *S. edulis* nominari posset, [...]. {4} Nom. illeg. according to ICN Art. 52.1.

Sagittaria montevidensis Cham. & Schldtl., Linnaea 2: 156. 1827. {1} In regni Brasiliensis provinciis Montevideo et Rio grande do Sul legit Sellow. {2} HAL0063582 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {4} NT "Lorentz 103, 1874, Argentina, Córdoba (W; INT: BM, G, M, Z)" designated by Rataj, K., Annot. Zool. Bot. 78: 1–61. 1972; NT superfluous according to ICN Art. 9.19.

Salix microphylla Schldtl. & Cham., Linnaea 6: 354. 1831. {1} Ad ripam arenosam fluminis Tecolutensis prope San Pablo. Jan. {2} HAL0069742 [LT], HAL0107340 [ILT]: Schiede, C.J.W. s.n. "1111", 1829-01, Mexico, Veracruz-Llave, Ad ripam arenosam fluminis Tecolutensis prope San Pablo. {3} M0094935; MO-038186; S-G-10289. {4} LT designated by Argus, G.W. & McJannet, C.L., Brittonia 44: 471. 1992.

Salvia affinis Schldtl. & Cham., Linnaea 5: 99. 1830. {1} Jalapa. Aug. {2} HAL0098245 [ST], HAL0135538 [ST]: Schiede, C.J.W. & Deppe, F. s.n. "141", 1828-08, Mexico, Veracruz-Llave, Jalapa. {3} GOET004417; HBG518331; HBG518332; W according to Tropicos.

Salvia capensis Schldtl. (in herb.). HAL0114422 [AS]: Anonymous collector s.n., s.d., South Africa, Prom. bon. spei.

Salvia capitata Schldtl., Linnaea 26: 292. 1854. {1} Inter quas ignobiliores collocanda erit species, quam benevolentiae clar. Schaffner e regione circa urbem Mexico debeo. {2} Not at HAL: Schaffner, J.W. s.n., s.d., Mexico.

Salvia macrantha Schldtl., Allg. Gartenzeitung 6: 314. 1838. {1} Aus mexicanischen Samen, [...]. {2} Not at HAL: cult., seeds from Mexico.

Sambucus australis Cham. & Schldtl., Linnaea 3: 140. 1828. {1} Talcaguano Chile in hortis vigeat, more Samb. nigrae nostrae, eadem inter plantas Sellowianas Brasiliae meridionalis. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Chile, Talcaguano Chile in hortis vigeat. Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis.

Sambucus bipinnatus Schldtl. & Cham., Linnaea 5: 171. 1830. {1} In sepibus prope Jalapam. Aug. {2} Not at HAL: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, in sepibus Jalapae. {3} GOET000550. {4} There are several specimens from the type locality, but with other collection dates (topotypes) [HAL0098549; HAL0098550; NY00180326].

Sanicula europea L. var. *capensis* Cham. & Schldtl., Linnaea 1: 352. 1826. {1} *Sanicula canadensis* Thbg. Fl. Cap. p. 254 excl. syn.; In sylva Kerstenbosch Promontorii bonae spei legerunt Bergius, Mundt et Maire. {2} Not at HAL: Thunberg, C.P. s.n., s.d., South Africa. Not at HAL: Mundt, J.L. & Maire, C. s.n., 1815-1830, South Africa, in sylva Kerstenbosch Promontorii bonae spei. HAL0139052 [ST]: Bergius, K.H. s.n., 1815-1817, South Africa, in sylva Kerstenbosch Promontorii bonae spei. {3} SBT12684 (as *Sanicula canadensis*).

Sanicula liberta Cham. & Schldtl., Linnaea 1: 353. 1826. {1} *Sanicula marylandica?* Hb. Willd. 2. 5618 fol. 2; In America meridionali prope Caripe altitudine 500 hexap. legit Humboldt (fide specim. Hb. Willd. in cujus schedula Humb. n. 275); nos eandem in dumetis prope Talcaguano regnis Chilensis cepimus. {2} Not at HAL: Humboldt, F.W.H.A. von & Bonpland, A.J.A. 275, 1799-09-17-22], Venezuela, Caripe, in humidis, alt. ca. 1000 m. Not at HAL: Chamisso, L.C.A. von s.n., s.d., Chile, prope Talcaguano. {3} B-W05618-020; P00115576; P00115577.

Saponaria dioica Cham. & Schldtl., Linnaea 1: 38. 1826. {1} In Bonaria. {2} HAL0098402 [ST]: Sellow, F. s.n., 1814-1831, Uruguay, Montevideo. {4} HAL0098402 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1)

Saracha jaltomata Schldtl. (nom. illeg.), Ind. sem. hort. hal. 1839: 10. 1839; Ind. sem. hort. hal. 1840: 8. 1840. {1} *Jaltomata edulis* nob. in seminum indice a 1838). {4} ≡ *Jaltomata edulis* Schldtl., Ind. sem. hort. hal. 1838: 8. 1838.

Saurauia kegeliana Schldtl., Bot. Zeitung 11: 694. 1853. {1} Zu diesen tritt nun eine achte aus Guatemala, welche aus der Erde aufgegangen war, die lebenden an Hr. Van Houtte in Gent übersandten Epidendren anhängend, verschiedene Pflanzen und namentlich auch einige Sauraujen geliefert hatten, von denen eine Hr. Universitätsgärtner Kegel nach Halle und hier zur Blüthe gebracht hat, weshalb wir uns erlauben sie nach ihm zu benennen. {2} Not at HAL: Cultivated in Germany, Halle, from seeds in soil found about the roots of plants imported from Guatemala.

Saurauia leucocarpa Schldtl., Linnaea 10: 249. 1836. {1} Cuesta grande de Chiconquiaco Sept. 29. {2} HAL0022008 [ST], HAL0107580 [ST], HAL0107581 [ST]: Schiede, C.J.W. & Deppe, F. s.n. "330", 1829-09, Mexico, Veracruz-Llave, Cuesta grande de Chiconquiaco. {3} BR0000006950644; BR0000006950644; MO-266395; NY00428804; W1889-0013270.

Schiedea Cham. & Schldtl., Linnaea 1: 46. 1826.

Schiedea ligustrina Cham. & Schldtl. (type species of genus *Schiedea* Cham. & Schldtl.), Linnaea 1: 46. 1826. {1} In insulis Sandwich unica hujus generis hucusque detecta species viget. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, Hawaii, in insulis Sandwich. {3} BISH1006682; KFTA0000674.

Schubertia kefersteinii Schldtl., Bot. Zeitung 10: 553. 1852. {1} [...], welche aus columbischen Samen in dem Garten des Herrn Keferstein zu Cröllwitz bei Halle unter der Leitung des Hr. Böttcher gezogen ist und schon im dritten Jahre zur Blüthe kam, [...]. {2} Not at HAL: Colombia, cultivated from seeds in Hort. Keferstein [Germany, Halle].

Schweiggera mexicana Schldtl., Linnaea 12: 204. 1838. {1} Hab. in terris Mexicanis (Hb. Lehmanni). {2} Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico, Hab. in terris Mexicanis (Hb. Lehmanni).

Scirpus lacustris L. var. *aquaticus* Schldtl., Fl. Berol. 1: 34. 1823. {1} in der Spree u. Havel b. Spandau! Heiligensee! Potsdam! Strahlau! Koepnick! in Seen: Grunewald! Jungfernheide! Tempelhof! Weissensee! Lanke! Tassdorf! sehr gemein. {2} HAL0139053 [ST], Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Scirpus lacustris L. var. *palustris* Schldtl., Fl. Berol. 1: 34. 1823. {1} seltener Jungfernheide! Tassdorf! {2} HAL0139054 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin, Fasanerie.

Scleria buekiana Schldtl., Bot. Zeitung 3: 491. 1845. {1} Brasilien ist das Vaterland dieser *Scleria*, welche mein Freund Dr. Buek in Hamburg mir als *S. myriocarpa* mittheilte, [...]. {2} HAL0082190 [HT]: Buek, H.W. s.n., s.d., Brazil, Brasilia. {4} HAL0082190 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Scleria bulbosa Schldtl. (nom. inval.), Bot. Zeitung 3: 495. 1845. {1} [...], welche aber nicht sicher bestimmt werden kann, [...], zeichnet diese Art vor allen aus und würde ihr zu dem passenden Namen *Sc. bulbosa* verhelfen. {2} HAL0082174 [ST]: Schimper, G.H.W. Schimper iter Abyssinicum sect prima: plantae Adoënses 327, 1837-10-03, Ethiopia, loci herbosis superioris regionis septentrionalis montis Scholada. {3} S13-18976; S13-18978. {4} Not validly published according to ICN Art. 36.1.

Scleria melaleuca Rchb. ex Schltl. & Cham., Linnaea 6: 29. 1831. {1} Reichenb. in Weigelt. plant. exsic. Surin. – Hacienda de la Laguna. Sept. {2} HAL0079367 [ST]: Weigelt, C. s.n., 1827, Suriname. HAL0107314 [ST]: Schiede, C.J.W. s.n., 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} F0BN011207 (photo in F); F0045612F; G00098565; G00098566.

Scleria melicoides Schltl., Linnaea 26: 127. 1854. {1} In savannis lat. merid. Sillae de Caracas, alt. 4–5000', Oct. (n. 390). {2} Not at HAL: Wagener, H. 390, 18??-10, Venezuela, in savannis lat. merid. Sillae de Caracas, alt. 4–5000'.

Scleria palmifolia Hoffmanns. ex Schltl., Bot. Zeitung 3: 492. 1845. {1} In Hb. Willd. et propr. (*Scl. macrocarpa* Salzm. pl. exsicc. Bah.), An feuchten Stellen bei Bahia von Sieber und Salzmann gesammelt. {2} HAL0082043 [ST]: Salzmann, P. s.n., 1827–1830, Brazil, Bahia. HAL0082169 [ST]: Sieber, Friedrich W. coll. pro Hoffmannsegg, J.C. von s.n., 1801–1807, Brazil, Brasilien. {3} B-W17340; K000189761. {4} = *Scleria macrocarpa* Salzm. ex Boeckeler (nom. illeg.), Linnaea 38: 521. 1874.

Scleria scabriuscula Schltl. (nom. nov.), Linnaea 20: 544. 1847. {1} *Scleria schiedeana*, Bot. Zeit. III. Sp. 494. Durch ein Versehen ist dieser Art derselbe Name gegeben, welchen schon eine frühere (*Scl. schiedeana* a.a. O. Sp. 489.) führt, die zweite *Scl. schiedeana* muss *Scleria scaribuscula* heissen. {2} HAL0064838 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {4} = *Scleria schiedeana* Schltl. (nom. illeg.), Bot. Zeitung 3: 494. 1845. HAL0064838 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Scleria schiedeana Schltl. (nom. illeg.), Bot. Zeitung 3: 494. 1845. {1} In Mexico bei der Hacienda de la Laguna im Juli mit jungen Früchten von Schiede gesammelt. {4} Non Schltl., Bot. Zeitung 3: 489. 1845; = *Scleria scabriuscula* Schltl. (nom. nov.), Linnaea 20: 544. 1847.

Scleria schiedeana Schltl., Bot. Zeitung 3: 489. 1845. {1} In Barranca de Tiosel, Mexico; Aug. flor. et fructif. {2} HAL0064837: Schiede, C.J.W. s.n., 1829-08, Mexico, Barranca de Tioselo. {4} HAL0064837 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Scoparia annua Schltl. & Cham., Linnaea 6: 375. 1831. {1} Ad ripam fluminis Tecolutensis prope Barriles. Jan. {2} HAL0115712 [ST]: Schiede, C.J.W. s.n. “1183”, 1829-01, Mexico, ad ripam fluminis Tecolutensis prope Barriles.

Scoparia ericacea Cham. & Schltl., Linnaea 2: 604. 1827. {1} In Brasilia meridionali (Campo dos Inforcados, aliisque locis) legit Sellow. {2} HAL0115718 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Basilia meridionalis. {3} BR0000005431489; HBG512041; K000533549; K000533550; K000533551; M0188350.

Scoparia flava Cham. & Schltl. (nom. illeg. superfl.), Linnaea 2: 603. 1827. {1} E Brasilia aequinoctiali eque provincia Cisplatina misit Sellow, hospitemque in hortum botanicum Berolinensem introduxit. {4} = *Microcarpaea montevidensis* Spreng., Syst. Veg.1: 42. 1825.

Scoparia plebeja Cham. & Schltl., Linnaea 2: 605. 1827. {1} E Brasilia meridionali mitit Sellow. {2} HAL0115721 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Basilia meridionalis. {3} M0188548.

Scrophularia californica Cham. & Schltl., Linnaea 2: 585. 1827. {1} St. Francisci. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., USA, California, St. Francisco.

Scutellaria dumetorum Schltl., Linnaea 7: 400. 1832. {1} In dumetis inter San Miguel del Soldado et La Joya rarius. Jun. 29. {2} HAL0098255 [ST]: Schiede, C.J.W. s.n., 1829-06, Mexico, Morelos, in dumetis inter San Miguel del Soldado et la Joya. {3} K000485422; MO-153178; PH00024765.

Sebaea capitata Cham. & Schltl., Linnaea 1: 193. 1826. {1} Ad Promontorium bonae spei in summo monte tabulari legerunt Mundt et Maire Octobri et Novembri florentem. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., Oct.,Nov. (1815–1830), South Africa, ad Promontorium bonae spei in summo monte tabulari.

Sebaea cordata (L.f.) Roem. & Schult. var. *intermedia* Cham. & Schltl., Linnaea 1: 191. 1826. {1} Specimina ad Hanglip Julio mense florentia legerunt Mundt et Maire, alis propius urbi Cap lecta misit Bergius. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., Jul. (1815–1830), South Africa. Not at HAL: Bergius, K.H. s.n., 1815–1817, South Africa.

Sebaea cordata (L.f.) Roem. & Schult. var. *macrantha* Cham. & Schltl., Linnaea 1: 191. 1826. {1} lecta sunt in monte leonis et prope Roodebloem a Bergio. Ab Augusto ad Octobrem floret. {2} Not at HAL: Bergius, K.H. s.n., Aug.–Oct. (1815–1817), South Africa, in monte leonis et prope Roodebloem.

Sebaea cordata (L.f.) Roem. & Schult. var. *micrantha* Cham. & Schltl., Linnaea 1: 192. 1826. {1} Pluk. Alm. p. 94, t. 275, f. 4; Bergio ad montem leonis collecta sunt Augusto mense florifera. {2} Not at HAL: Bergius, K.H. s.n., Aug. (1815–1817), South Africa, ad montem leonis.

Sebaea crassulifolia Cham. & Schltld., Linnaea 1: 193. 1826. {1} Ad Plettenbergsbay Poort Julio mense defloratam fructiferam legerunt Mundt et Maire. {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., Jul. (1815–1830), South Africa, Ad Plettenbergsbay Poort.

Sebaea sulphurea Schltld., Linnaea 1: 192. 1826. {1} Crescit in summo monte tabulari meridiem versus inque monte diaboli. Floret ab Augusto ad Jannuarium usque (Mundt, Maire, Bergius.). {2} Not at HAL: Mundt, J.L. & Maire, C. s.n., Aug.–Jan. (1815–1830), South Africa, monte tabulari meridiem versus inque monte diaboli. Not at HAL: Bergius, K.H. s.n., Aug.–Jan. (1815–1817), South Africa, monte tabulari meridiem versus inque monte diaboli.

Securidaca sylvestris Schltld., Linnaea 14: 381. 1840. {1} Frutex altus scandens in sylvis Jalapae Majo 29. pr. Tioselo Aug. 29 (Schiede.). {2} Not at HAL: Schiede, C.J.W. s.n., 1829-05, Mexico, sylvis Jalapae. Not at HAL: Schiede, C.J.W. s.n., 1829-08, Mexico, pr. Tioselo. {3} BM000566450; G00440393; P00733670; US01108469; US01108470.

Sedum stephanii Schltld., Linnaea 6: 549. 1831. {1} *S. dentatum* Stephan in HW. n. 8910 (spec. sibirica Sievers, Pallas, Stephan.) {2} HAL0098636 [ST]: Anonymous collector s.n., s.d., Russian Federation, Kamchatskaya Oblast', Kamtschatka. {3} B-W08910 as *Sedum dentatum*. {4} ex herb. Pallas, in herb. Willdenow sub *Sedum dentatum*.

Selliera herpystica Schltld., Linnaea 20: 598. 1847. {1} Auf torfigem, im Winter überschwemmten Boden an dem Gawlerriver bei Bethanien. Februar. {2} HAL0098334 [ST]: Behr, H.H. s.n., 1845-02, Australia, South Australia, Südastralien, auf torfigem im Winter überschwemmten Boden an dem Gawlerriver bei Benthaniem. {4} HAL0098334 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Serjania cambessedeanae Schltld. & Cham., Linnaea 5: 214. 1830. {1} In sylvis prope Jalapam. Aug. {2} HAL0098602 [ST], HAL0107578 [ST]: Schiede, C.J.W. & Deppe, F. s.n. "440", 18??-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam. {3} GOET010839; GOET010840; HBG510631; L0427330; M0212259; M0212260; MO-194234; NY01546631.

Serjania cardiospermoides Schltld. & Cham., Linnaea 6: 418. 1831. {1} Papantlae. Dec. scandens. {2} HAL0061457 [ST], HAL0107577 [ST]: Schiede, C.J.W. s.n. "1290", 1828-12, Mexico, Veracruz-Llave, Papantla.

Serjania grosii Schltld., Linnaea 18: 42. 1844. {1} In terris Mexicanis leg. Bar. Gros deditque specimen beato amico Schiede. {2} HAL0101544 [ST]: Gros, E. 642, 18??, Mexico, in terris Mexicanis. {4} HAL0101544 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Serjania monogyna Hoffmanns. ex Schltld., Linnaea 18: 39. 1844. {1} In prov. Parà Brasiliae ad Tocantins pr. urbem Parà legit Sieber, comitis ab Hoffmannsegg cubicularius. {2} HAL0090517 [ST]: Sieber, Friedrich W. coll. pro Hoffmannsegg, J.C. von s.n., 1801–1807, Brazil, Pará. {3} BR0000005415915.

Serjania moritziana Schltld., Linnaea 18: 44. 1844. {1} Columbia a cl. Moritz. HAL0092764 [ST]: Moritz, J.W.K. s.n., 1835, Colombia. {3} P02296796.

Serjania regnellii Schltld., Linnaea 18: 57. 1844. {1} In provincia Minas Geraes Brasiliae leg. Dr. Regnell. {2} HAL0064975 [LT]: Regnell, A.F., Ser.1 38, 1841–1874, Brazil, Minas Gerais, Prov. Minas Geraes. {3} BR0000005908622; BR0000005908653; BR0000005908684; BR0000005908851; C10018718; C10018719; M0212379; M0212380. {4} HAL0064975 was cited as HT by Acevedo-Rodríguez P., Memoirs of the New York Botanical Garden 67: 64. 1993, which is, however, correctable to LT according to ICN Art 9.9.

Serjania rubens Schltld., Linnaea 18: 47 (err. typ. 63). 1844. {1} In provincia Minas Geraes Brasiliae legit Dr. Regnell. {2} HAL0101542 [ST]: Regnell, A.F. 39, s.d., Brazil, Minas Gerais, Minas Geraes. HAL0101543 [ST]: Regnell, A.F. 40, s.d., Brazil, Minas Gerais, Minas Geraes. {3} BR0000005852451; BR0000005908769; BR0000005908790; BR0000005908820.

Serjania salzmänniana Schltld., Linnaea 18: 46 (err. typ. 62). 1844. {1} *Serj. elegans* Mart. Hb. Bras. no. (pr. Rio Janeiro), Serj. Salzm. pl. exs. (Bahia in fruticetis), nec *S. elegans* St. Hil. Fl. Bras merid. 1, p. 158. {2} HAL0101541 [ST]: Salzmann, P. s.n., 1827–1830, Brazil; Bahia, Bahia. {2} Not at HAL: Martius, C.F.P. von, Herbarium florum brasiliensis 71, 1817–1820, Brazil; Rio de Janeiro. {3} K000037136; K000037137; K000037145; K000037149; M0212526; MPU010832; MPU010833; MPU010834; NY01546701; P02296824; P02296825.

Serjania schiedeana Schltld., Linnaea 18: 44 (err. typ. 60). 1844. {1} [...], quam ab amicissimo Schiede in Mexici regione calida lectam Schiedeanae nomine insigniremus. {2} HAL0101538 [ST]: Schiede,

C.J.W. 637, s.d., Mexico, regione calida. {4} HAL0101538 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Setaria conglomerata Fr. ex Schltld., Linnaea 31: 491. 1861. {1} *Setaria conglomerata* Fries h. Ups., *S. pseudoverticillata* h. Vindob. {2} Not at HAL.

Sicydium Schltld., Linnaea 7: 388. 1832.

Sicydium schiedeanaum Schltld. (type species of genus *Sicydium* Schltld.), Linnaea 7: 388. 1832. {1} Fl. albis, in sylvis prope la Hacienda de la Laguna. Jul. {2} Not at HAL: Schiede, C.J.W. s.n., 18??-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} MO-150304; MO-150305; P02273943.

Sida acuminata DC. var. *macrophylla* Schltld., Linnaea 3: 269. 1828. {1} Ad hanc speciem duas duco formas in insula St. Thomae collectas, specimine fisus, quod sub *S. acuminatae* nomine ex insula St. Domingo nobiscum communicavit Balbisius. Eandem plantam ab Hornemannio acceptam servamus sub nomine *S. rufescentis* (non Aug. St. Hilaire in Fl. Bras. merid.) ex insula St. Crucis (prope insulam St. Thomae sita). {2} HAL0036723 [ST]: Ehrenberg, C.A. s.n. "23", 1827, United States Virgin Islands, Insula St. Thomas.

Sida acuminata DC. var. *microphylla* Schltld., Linnaea 3: 269. 1828. {1} Ad hanc speciem duas duco formas in insula St. Thomae collectas, specimine fisus, quod sub *S. acuminatae* nomine ex insula St. Domingo nobiscum communicavit Balbisius. Eandem plantam ab Hornemannio acceptam servamus sub nomine *S. rufescentis* (non Aug. St. Hilaire in Fl. Bras. merid.) ex insula St. Crucis (prope insulam St. Thomae sita). {2} Not at HAL: Ehrenberg, C.A. s.n. "23", 1827, United States Virgin Islands, Insula St. Thomas.

Sida collina Schltld., Linnaea 11: 364. 1837. {1} In collibus apicis prope la Hacienda de la Laguna Jul. 29. (Linn. V. p. 226 n. 472, Schiede.) Hacienda de la Laguna in collibus apricis. {2} HAL0036721 [LT]: Schiede, C.J.W. s.n. "472", 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna, in collibus apricis. HAL0036722 [ST]: Schiede, C.J.W. s.n. "359", 1829-07, Mexico, Veracruz-Llave, prope Hacienda de la Laguna. {4} HAL0036722 was erroneously cited by Fryxell, P.A., Flora de Veracruz, Fasc. 68, Malvaceae: 209. 1992, as HT which is, however, correctable to LT according to ICN Art. 9.9. Schlechtendal's citation of "472" refers to "Linnaea 5: 226. 1830."

Sida costata Schltld., Linnaea 11: 365. 1837. {1} (*Sida* n. 273 in Linnaea V. p. 226 fl. flavo pr. Hacienda de la Laguna Jul. 29. Schiede). {2} HAL0034056 [LT], HAL0078529 [ILT]: Schiede, C.J.W. s.n. "360", 1829-07, Mexico, Veracruz-Llave, prope Hazienda de la Laguna. {3} GOET007779 [ILT]. {4} HAL0034056 was erroneously annotated on the label as HT by P. Fryxell (TEX) 1975, and later Fryxell, P.A., Flora de Veracruz, Fasc. 68, Malvaceae: 209. 1992, referred to this collection and cited "holotipo: HAL!; isotipos: B como foto F-9377, GOET! HAL!" which is, however, a lectotypification according to ICN Art. 9.9. Schlechtendal's citation of "472" refers to "Linnaea 5: 226. 1830."

Sida tristis Schltld., Linnaea 3: 271. 1828. {1} Florula insulae St. Thomas. {2} HAL0064910 [ST]: Ehrenberg, C.A. s.n. "271", 1826, United States Virgin Islands, Antillen, St. Thomas. {4} HAL0064910 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Sida venusta Schltld., Linnaea 11: 365. 1837. {1} Ad Tlalpujahna Mexic. legit Keer, comm. Martius. {2} HAL0037332 [ST]: Keerl, F.W. s.n. s.d., Mexico, Michoacán de Ocampo, ad Tlalpujahua. {3} B0000005175437. {4} HAL0037332 was erroneously annotated on the label as HT by P. Fryxell (TEX) 1975, but a corresponding publication has not been found.

Sieversia humilis R.Br. ex Cham. & Schltld., Linnaea 2: 6. 1827. {1} Legimus in alpestribus insulae Unalashca. {2} HAL0121320 [ST]: Chamisso, L.C.A. von s.n., 1816, USA, Alaska, Unalashka. {4} = *Sieversia humilis* R.Br. (nom. nud.), Chlor. Melv. 18. 1823.

Sieversia rotundifolia Schltld. & Cham. (nom. nov.), Linnaea 2: 4. 1827. {1} *Geum rotundifolium* Langsd.! DC. prodr. 2 p. 552.; *Geum radiatum* HB. Willd. n. 10013 fol. 2. 3. 4.; In clivis insulae Unalashca haud infrequens. {2} Not at HAL: Langsdorf, G.H. von s.n., s.d., USA, Alaska, in insula Unalashka. {4} Nom. nov. for *Geum rotundifolium* Fisch. (nom. illeg., non (L.) Moench 1794), Mém. Soc. Imp. Naturalistes Moscou 2: 187. 1809. B-W10013 as *Geum radiatum* and M0214349 [Chamisso, L.C.A. von] are no type collections.

Silene pilosellifolia Cham. & Schltld., Linnaea 1: 41. 1826. {1} In promontorio bonae spei prope Plettenbergsbay ad Doukamma Julio 1821 florentem legerunt Mund et Maire. {2} HAL0011702 [ST], HAL0012723 [ST]: Mundt, J.L. & Maire, C. 129 "6", 1821-07, South Africa, in promontorio bonae spei prope Plettenbergsbay ad Doukamma. {3} S-G-8699.

Siphocampylus angustiflorus Schltld. (nom. nud.), Berberid. Amer. Austral.: 58. 1857. {2} Not at HAL: Lechler, W. Plantae peruvianae Ed. R.F. Hohenacker 2649, 1854-08, Peru. {3} G00237762; G00237763;

K000329904. {4} ≡ *Siphocampylus angustiflorus* Schltld. ex Zahlbr., Bull. Torrey Bot. Club 24: 379. 1897.

Siphocampylus chimapilophyllus Schltld. (nom. nud.), Berberid. Amer. Austral.: 58. 1857. {2} HAL0113277 [AS]: Lechler, W., W. Lechler Plantae Peruviana, ed. R.F. Hohenacker (col. 1850–1853) 1999, 1854-06, Peru, Agapata. {3} F0BN009083 (photo in F); P00714371. {4} ≡ *Siphocampylus parvifolius* E.Wimm., Wimmer, F.E. in Macbride, J.F., Publ. Field Mus. Nat. Hist., Bot. Ser. 13: 463. 1937.

Siphocampylus resinus Schltld. (nom. nud.), Berberid. Amer. Austral.: 58. 1857. {2} HAL0139857 [AS], Lechler, W., W. Lechler Plantae Peruviana, ed. R.F. Hohenacker (col. 1850–1853) 1741, 1854-06, Peru, Azangaro in mont. Cord. Peruv. {3} F0BN009103 (photo in F).

Siphocampylus scabrifolius Schltld. (nom. nud.), Berberid. Amer. Austral.: 58. 1857. {2} Not at HAL: Lechler, W., W. Lechler Plantae Peruviana, ed. R.F. Hohenacker (col. 1850–1853) 2073, s.d., Peru. {3} F0BN009087 (photo in F).

Sisyrinchium scabrum Schltld. & Cham., Linnaea 6: 57. 1831. {1} In graminosis prope Jalapam. Aug. {2} HAL0055575 [ST]: Schiede, C.J.W. 826 “1020”, 1828-08, Mexico, Veracruz-Llave, in graminosis prope Jalapam. {3} K000363138; MO-206288.

Smilax acutifolia Schltld., Linnaea 18: 449. 1845. {1} Pr. Anganguco reg. frig. leg. Schiede, fructiferam et in eodem statu pr. el bauco C. Ehrenberg Januario. {2} HAL0071906 [LT]: Schiede, C.J.W. s.n., 1829-11, Mexico, Michoacán de Ocampo, prope Anganguco reg. frig. HAL0071861 [ST]: Ehrenberg, C.A. s.n., 1839-01, Mexico, prope el Banco. {4} LT designated by Ferrufino-Acosta, L., Willdenowia 40: 242. 2014.

Smilax discolor Schltld., Linnaea 18: 454. 1845. {1} In dumetis pr. Jalapam Majo florentem masculam plantam leg. b. Schiede. {2} HAL0071860 [ST], HAL0071907 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in dumetis prope Jalapam. {4} HAL0071860 was erroneously annotated as HT by Ferrufino & Greuter (B) 2009.

Smilax glaucocarpus Schltld., Linnaea 18: 450. 1845. {1} In tierra fria ad Hacienda del Carmen Aug. fructiferam, Mineral del Monte Majo florentem leg. C. Ehrenberg. {2} HAL0063540 [LT]: Ehrenberg, C.A. s.n., Aug. (1831–1840), Mexico, Oaxaca, in tierra fria ad Hacienda del Carmen. HAL0063541 [ST]: Ehrenberg, C.A. s.n., May (1831–1840), Mexico, Hidalgo, Mineral del Monte. {4} LT designated by Ferrufino-Acosta, L., Willdenowia 40: 242. 2014.

Smilax jalapensis Schltld., Linnaea 18: 451. 1845. {1} In sylvis et dumetis prope Jalapam Majo defloratam et Augusto fructiferam leg. Schiede. {2} HAL0071862 [LT]: Schiede, C.J.W. s.n., 1828-08, Mexico, Veracruz-Llave, in dumetis prope Jalapam. HAL0071909 [ST]: Schiede, C.J.W. 833, 1828-08, Mexico, Veracruz-Llave, in dumetis prope Jalapam. HAL0071908 [ST]: Schiede, C.J.W. s.n., 1828-05, Mexico, Veracruz-Llave, in dumetis prope Jalapam. HAL0071863 [ST]: Schiede, C.J.W. s.n., 1828-06, Mexico, Veracruz-Llave, prope Jalapam. {4} LT designated by Ferrufino-Acosta, L., Willdenowia 40: 242. 2014.

Smilax medica Schltld. & Cham., Linnaea 6: 47. 1831. {1} In sylvis Papantlae. Jan. {2} HAL0079372 [lectotype, **designated here**]: Schiede, C.J.W. s.n. “985”, 1829-01, Mexico, Veracruz-Llave, in sylvis Papantlae. {3} BM000796931; F0BN010069 (photo in F); LE00006358; LE00006359; LE00006360. {4} HAL0079372 was erroneously annotated on the label as HT by Ferrufino & Greuter (B) 2009 and later published as “HAL” by Ferrufino-Acosta, L., Willdenowia 40: 247. 2014, which is, however, not correctable according to ICN Art. 9.9 since he did not meet the requirements of Art. 7.10. We follow the intention of these authors and designate HAL0079372 as LT.

Smilax platycentron Schltld., Linnaea 18: 452. 1845. {1} In dumetis sylvisque Jalapae Majo defloratam, Julio cum fructu maturo leg. b. Schiede. {2} HAL0079369 [ST]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in dumetis sylvisque Jalapae. {4} HAL0079369 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Smilax platycentron Schltld. var. *emarginata* Schltld., Linnaea 18: 452. 1845. {1} Haec forma prope Puente de Dios Oct. lecta arbores frutices rupesque obducit. {2} HAL0079370 [ST]: Ehrenberg, C.A. 777, 1837-10, Mexico, Puente de Dios. {4} HAL0079370 was erroneously annotated on the label as HT by Ferrufino & Greuter (B) 2009, which could be correct according to Art. 9.1, Note 1, provided that it is indeed a unique specimen.

Smilax platycentron Schltld. var. *hastata* Schltld., Linnaea 18: 452. 1845. {1} Eodem loco ut praecedens lecta offert folia angustiore, [...]. {2} HAL0079371 [ST]: Ehrenberg, C.A. 777, 1837-10, Mexico, Puente de Dios. {4} Erroneously annotated on the label as HT by Ferrufino & Greuter (B) 2009, which could be correct according to Art. 9.1, Note 1, provided that it is indeed a unique specimen.

- Solanum aligerum* Schltld., Linnaea 19: 301. 1846. {1} Sol. cor. alba, fruticosum, pr. Anganguero Oct. flor. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n. "79", 18??-10, Mexico, Michoacán, pr. Anganguero. {4} NT designated by Knapp, S., PhytoKeys 22: 43. 2013 ["Mexico, Michoacán, Wooded slopes 8–10 miles NW and WNW of Ciudad Hidalgo, among mountains west of Cerro San Andrés and 6–7 miles N of village of San Pedro Aguaro, in steep ravine along brook, 2850–3000 m, 19 48°N, 100 40°W, 18 Mar 1949, McVaugh, R. & Wilbur, R.L. 9917 (NT: MEXU-92021; INT: BM000578989; NY00961953; US-2452307)"].
- Solanum chloropetalon* Schltld., Linnaea 19: 292, 295. 1846. {1} Ad vias pr. Jalapam Majo flor. {2} Not at HAL: Schiede, C.J.W. s.d. "58", 18??-05, Mexico, Veracruz-Llave, Ad vias pr. Jalapam. {3} BM000579586; P00337249; W1889-0293726.
- Solanum chrysotrichum* Schltld., Linnaea 19: 304. 1846. {1} Pr. las Trojes Nov. flor. leg. Schiede. {2} Not at HAL: Schiede, C.J.W. s.d. "81", 18??-11, Mexico, Pr. las Trojes.
- Solanum diversifolium* Schltld. (nom. illeg.), Linnaea 19: 297. 1846. {1} Solanum flore lilacino, frutex, Papantlae Jan. flor. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.d., 1829-01, Mexico, Veracruz-Llave, Papantla. {3} BM000775631; MO-159616. {4} Non Dunal 1816.
- Solanum geminiflorum* Schltld. & Cham. (nom. illeg., err. typogr.), Linnaea 5: 112. 1830. {1} In sylvis prope Jalapam. Aug. {2} HAL0095992 [ST]: Schiede, C.J.W. s.n. "198", 18??-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam. {3} MO-155197; P00371247. {4} Typographic error, cf. Linnaea 8: 255. 1833; = *Solanum schlechtendalianum* Walp. (nom. nov.), Repert. Bot. Syst. 3: 61. 1844.
- Solanum geminifolium* Schltld. (nom. illeg.), Linnaea 8: 255. 1833. {4} Non Thonn. 1827; = *Solanum schlechtendalianum* Walp. (nom. nov.), Repert. Bot. Syst. 3: 61. 1844.
- Solanum hydrophilum* Schltld. (orth. error). {4} Correct name *Solanum hygrophilum* Schltld.
- Solanum hygrophilum* Schltld., Linnaea 8: 254. 1833. {1} In humidis sylvarum Jalapensium. Majo. {2} Not at HAL: Schiede, C.J.W. 137, 18??-05, Mexico, Veracruz-Llave, in humidis sylvarum Jalapensium. {3} BM000617913; E00190856; G00343388; G00343405; GOET003541; MO-155197; NY00138994 [LT]; W1889-0292203. {4} LT designated by Knapp, S., Fl. Neotrop. 84: 62. 2002.
- Solanum maglia* Schltld., Hort. hal. 1: 6. 1841. {1} (Maglia Molina Vers. ein. Naturgesch. v. Chili, übers. v. Brandis Leipzig 1786. S. 108. 9.; *S. tuberosum* Poeppig Coll. pl. Chilens. I n. 72; Ejusd. reise II. p. 81); inter 15–400 ped., a portu Valparaiso regni Chilensis. (Molina, Poeppig, Cruickshanks aliique.). {2} Not at HAL: Poeppig, E.F., Coll. pl. Chil. I. 72, s.d., Chile, inter 15–400 ped., a portu Valparaiso regni Chilensis.
- Solanum nilagiricum* Schltld., Linnaea 26: 484. 1855. {1} In aliis quoque speciebus Maurellarum diagnosticas notas ex seminibus haurire potes, quae ut illae ex flore desumendae immertio neglectae sunt. {2} Not at HAL. {4} Type specimen not specified.
- Solanum palustre* Poepp. ex Schltld. (nom. illeg.), Hort. hal. 1: 6. 1841. {1} Coll. pl. Chil. I. n. 73. {4} Correct name *Solanum palustre* Poepp., in Froriep, Notiz. Gebiet Natur- u. Heilk. Ser. I, 23: 276. (1829), in adnot.
- Solanum pedunculare* Schltld., Linnaea 19: 305. 1846. {1} Mineral del Monte frequens ad Omitlan, Velasco (C. Ehrenberg), pr. Anganguero Oct. flor. (Schiede). {2} HAL0100611 [ST]: Ehrenberg, C.A. s.n., 1831–1840, Mexico, Hidalgo, Mineral del Monte. Not at HAL: Schiede, C.J.W. s.n., 18??-10, Mexico, pr. Anganguero.
- Solanum pentapetalum* Schltld., Linnaea 25: 197. 1853. {1} h. Calcutt. ex horto Taurinensi acceptum forsan *S. pentapetaloides* Roxb. ex Horn. h. Hafn. Suppl. p. 72 (DC. prodr. XIII. p. 374. n. 890), cujus diagnosis omnino quadrat. {2} Not at HAL: India, in India orientalis.
- Solanum renggeri* Schltld., Hort. hal. 1: 6. 1841. {1} Solanum in Rengger Reise nach Paraguay. Aaran 1835 S. 169. {2} Not at HAL: possibly Rengger, J.R. s.n., 1818–1826, Paraguay, in regno Paraguariensi. {4} Collector: Rengger, Johann Rudolph.
- Solanum schiedeanum* Schltld., Linnaea 19: 295. 1847. {1} In monte Macultepec pr. Jalapam Aug. flor. (Schiede). {2} HAL0095991 [ST]: Schiede, C.J.W. 201 "59", 1823-08, Mexico, Veracruz-Llave, in Monte Mascultepec pr. Jalapam. {3} BM000579529; W0022449.
- Solanum sideroxyloides* Schltld., Linnaea 8: 253. 1833. {1} Pr. Hacienda de la Laguna Jul. 29. {2} HAL0100610 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} E00190770; GOET003590; MO-153283; NY00139028; P00371472.
- Solanum somniculentum* Kunze ex Schltld., Linnaea 19: 306. 1846. {1} *S. somniculentum* Kze. in litt., in temperata regione Mexici ad Acaling (Leibold No. 143), pr. Zimapan Jun. flor. et pr. Reglam (Schiede). [...] quam in horto Lipsiensi botanico abundanter florentem vidimus. {2} HAL0070816 [ST],

Schiede, C.J.W. s.n., 1823-06, Mexico, Hidalgo, prope Zimapan. Not at HAL: Leibold, F.E. 143, 1839–1844, Mexico, in temperata regione Mexici ad Acaling. HAL0100603 [ST]: Anonymous collector s.n., 1842, Mexico, Hidalgo. [cult. in hort. Lipsiensis]. {3} M0166090.

Solanum stephanodes Schltld., Linnaea 19: 291. 1846. {1} Linn. VIII. p. 255. n. 141; Cumbre del Obispo, Sept. (Schiede). {2} Not at HAL: Schiede, C.J.W. s.n., 18??-09, Mexico, Cumbre del Obispo.

Solanum stoloniferum Schltld., Linnaea 8: 255. 1833. {1} *S. tuberosum* Linn. V. p. 111. n. 192. - In saxosis Malpays de la Joya. Jun. 29; Linnaea 5: 111. 1830, sub *Solanum tuberosum*: Spontaneum ad radices montis Orizabae, in ipso monte et prope lacum de Huetulaca. Sept. {2} HAL0070698 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. “192”, 1828-09, Mexico, Veracruz-Llave, montis Orizabae, 10–1100’. Not at HAL: Schiede, C.J.W. & Deppe, F. s.n. “192”, 1828-09, Mexico, Laguna de Huetulaca. Not at HAL: Schiede, C.J.W. & Deppe, F. s.n. “142”, 1829-07, Mexico, in saxosis Malpays de la Joya. {3} GOET009539; M0166077; W0022317. {4} LT designated by Hawkes, J.G., Wiss. Z. Martin-Luther-Univ. Halle-Wittenberg 6: 849–853. 1957. [“!LT: UPS; ILT: HG, GOET, HAL, W; photos of the W isolectotype [F neg. 33113]: F, G, GH, LL, MICH, MO, US!”]. According to Spooner, D.M. et al., Systematic Botany Monographs 68: 98. 2004; he wrote: “Schlechtendal first published *S. stoloniferum* in Linnaea 8: 255 [May or June] 1833, and he and Bouché reported on this species in detail a few months later (Verh. Vereins Beförd. Gartenbaues Königl. Preuss. Staaten. 9: 319, tab. 2 [September] 1833). Hawkes (1957) reasoned that the lack of a clear description and confusion concerning location of the type invalidated the first publication, but this is incorrect because the first publication satisfied the requirements of the Code. Hawkes (1957) proposed as lectotype of *S. stoloniferum* a cultivated specimen from the Berlin Botanic Garden, grown from tubers collected in the wild, now deposited at UPS. Hawkes’s lectotypification must be followed, but his opinion that the name was not validly published in Linnaea has to be rejected.” We follow his assessment. Schlechtendal’s citation of “192” refers to “Linnaea 5: 111. 1830.”

Solanum stoloniferum Schltld. & Bouché (nom. illeg.), Verh. Vereins Beförd. Gartenbaues Königl. Preuss. Staaten 9: 319. 1833. {1} Im September des Jahres 1828 entdeckten die in Mexico reisenden Herren Dr. Schiede und Deppe bei der Besteigung des Volkan de Orizaba, in einer Höhe von 10–11000 Fuß, [...] wenige Tage später fanden sie am Abhang des Kessels, in welchem die Laguna de Huetulaca [...]. {4} Non Schltld. 1833.

Solanum triferum Schltld., Hort. hal. 1: 6. 1841. {1} La papa que da en tres meses Poeppig Reise II. S. 83; In sylvis regionis calidae usque ad Huanuco coltur, ad Cuchero et Cassapi vulgare (Poeppig). {2} Not at HAL: Poeppig, E.F. s.n., 1827–1832, Chile, in sylvis regionis calidae usque ad Huanuco coltur, ad Cuchero et Cassapi vulgare.

Solanum vellereum Schltld., Linnaea 19: 302. 1846. {1} Ad Tenancingo leg. flores fructusque gerentia specimina Schiede. {2} Not at HAL: Schiede, C.J.W. s.n., s.d., Mexico, Ad Tenancingo.

Solanum verrucosum Schltld., Ind. sem. hort. hal. 1839: 10. 1839. {1} According to Hort. hal. 1: 3. 1841: In regione Mineral del Monte Mexicis stas frequens, ad vias in sylvis, muris cet., a Julio as Octobrem flores (Carol. Ehrenberg). {2} HAL0070736 [LT]: Ehrenberg, C.A. s.n. “1132”, 18??-07, 18??-10, Mexico, Hidalgo, ad vias in muris, per sylvas pr. Mineral Real del Monte frequ. vel cult. in Hort. Bot. Hal. {3} NY00178751; US00516576; BR according to Tropicos. {4} LT designated by Spooner, D.M. et al., Systematic Botany Monographs 68: 79. 2004.

Solanum viridiflorum Schltld. (nom. nov., nom illeg.), Linnaea 19: 292. 1846. {4} Non Ruiz & Pav. 1799. Nom nov. for *Solanum chloranthum* DC. (nom. illeg.), Pl. Rar. Jard. Genève t. 13. 1826.

Sommeria Schltld., Linnaea 9: 602. 1835.

Sommeria arborescens Schltld. (type species of the genus *Sommeria* Schltld.), Linnaea 9: 602. 1835. {1} Arbuscula pr. la Hacienda de la Laguna crescens. Aug. floret et fructus immaturos ferens. {2} Not at HAL: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, pr. la Hacienda de la Laguna. {3} BR0000005327706; F0071113F; F0071114F; GH00094594; GOET010518; K000424411; LE00007880; LE00007881; US00137975.

Sonchus capensis Schltld., Ind. sem. hort. hal. 1850: 7. 1850. {1} Speciem e repetita cultura distinctam habemus. {2} Not at HAL: cult. in Hort. Bot. Hal.

Sonchus hypochaeroides Schltld., Ind. sem. hort. hal. 1850: 7. 1850. {1} Cult. in Hort. Hal. {2} Not at HAL: cult. in Hort. Bot. Hal.

Spermacoce riparia Cham. & Schltld., Linnaea 3: 355. 1828. {1} Ad ripam fluvii Rio Negro (Rincon de Gallinas) Brasiliae meridionalis aliisque locis legit Sellow. {2} HAL0098360 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis, ad ripam fluvii Rio Negro (Rincon de Gallinas). {4} HAL0098360 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Spermacoce squarrosa Poepp. ex Cham. & Schltl., Linnaea 3: 363. 1828. {1} In petrosis Savannarum Cubae. {2} HAL0113955 [ST]: Poeppig, E.F., Enumeratio plantae cubensium s.n., 1822-09, Cuba, in petrosis Savannarum Cubae. {3} BR0000005315178; JE00001031; M0198209.

Spermacoce stricta L.f. var. *depressa* Schltl. (in herb.). {2} Not at HAL: Hohenacker, R.F. Pl. Indiae or. (M. Nilagiri.) Ed. R.F. Hohenacker. 1851. 998, 1851, India; Tamil Nādu, in montibus Nilagari. {3} WU0079030; WU0079031.

Sphaeroma floribunda Schltl., Linnaea 11: 353. 1837. {1} Ad Oajaca (Mühlenpfordt). {2} Not at HAL: Mühlenpfordt, F. s.n. [s.d], Mexico, Ad Oajaca. {3} BR [NT]; K000328820 [INT]. {4} NT [“Galeotti, H. 4088, 1840, Mexico, Oaxaca, Yavesia. (BR)”] designated by Fryxell, P.A., Madroño 21: 160–161. 1971.

Sphaerotheca Cham. & Schltl. nom. rej. against *Sphaerotheca* Lévillé 1851 (nom. cons.), Linnaea 2: 605. 1827.

Sphaerotheca scoparioides Cham. & Schltl. (type species of the genus *Sphaerotheca* Cham. & Schltl.), Linnaea 2: 606. 1827. {1} E Brasilia aequinoctiali misit Sellow. {2} HAL0098474 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} F0BN012424 (photo in F); K000529085; K000529087; PH00027486.

Spigelia beyrichiana Cham. & Schltl., Linnaea 1: 203. 1826. {1} Habitat in sylvis umbrosis inter Mandrot et Francisco Jose prov. Rio Paquaquer Brasiliae, ubi Februario florentem. {2} Not at HAL: Beyrich, H.C. s.n., 18??-02, Brazil, Habitat in sylvis umbrosis inter Mandrot et Francisco Jose prov. Rio Paquaquer Brasiliae.

Spigelia flemmingiana Cham. & Schltl., Linnaea 1: 203. 1826. {1} In Brasilia tropica legit Sellow favente comite de Flemming Borussorum apud Brasiliense legato. {2} HAL0069905 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} B100146149; F0062139F; K000573373; P00506404; P00506405; S04-21.

Spigelia humboldtiana Cham. & Schltl., Linnaea 1: 200. 1826. {1} Habitat ad Cumana, Humboldt! (vide *Spigelia anthelmia*) Hb. Willd. n. 3552 fol. 4); in graminosis nemorum prope Nov. Friburgum Coloniam provinciae Rio de Janeiro Brasiliae. Beyrich!, ad Montevideo inque umbrosis humidis ad fluvium Rio negro. Sellow! {2} HAL0069878 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, ad Montevideo inque umbrosis humidis ad fluvium Rio negro. Not at HAL: Beyrich, H.C. s.n., 18??-11, Brazil, in graminosis nemorum prope Nov. Friburgum Coloniam provinciae Rio de Janeiro Brasiliae. Not at HAL: Humboldt, F.W.H.A. von & Bonpland, A.J.A. 174, 1799, Venezuela, Habitat ad Cumaná. {3} B-W03552-040 [ST]; L0352097?; MO-1913704; MPU013245; P00507553 [ILT]; P00507558; US00112914. {4} B-W03552-040 was simply cited by Ewan, J., Caldasia 4: 295. 1947, as “type”.

Spigelia laurina Cham. & Schltl., Linnaea 1: 204. 1826. {1} Crescit in Brasilia ubi eam legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} F0062142F; P00506429.

Spigelia olfersiana Cham. & Schltl., Linnaea 1: 206. 1826. {1} In Brasiliae interioribus regionibus legit Sellow iter faciens cum Doctori de Olfers, Borussorum legationis tunc temporis secretario. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} BR0000005782352; F0062146F; K000573389; L0005203.

Spigelia scabra Cham. & Schltl., Linnaea 1: 202. 1826. {1} In provincia Cisplatina Brasiliae legit Sellow. {2} HAL0069906 [ST]: Sellow, F. s.n., 1814–1831, Uruguay, Brasilia, in provincia Cisplatina. {3} F0BN003927 (photo in F); K000573376; L0352097?.

Spigelia sellowiana Cham. & Schltl., Linnaea 1: 205. 1826. {1} Crescit in Brasiliae regionibus interioribus, Sellow legit. {2} HAL0069907 [ST]: Sellow, F. s.n. “6”, 1814–1831, Brazil, crescit in regionibus interioribus. {3} P00507535; F619645 [LT]. {4} LT designated by Fernandez Casa, F.J.F., Adumbr. Summae Ed. 54: 21. 2014, not valid according to ICN Art. 7.10.

Spondias parviflora Willd. ex Schltl., Linnaea 14: 295. 1840. {1} *Spondias parviflora* W. Herb. n. 8893, ad Cruz de Casma pr. Bahiam. Martio. {2} HAL0139517 [ST], HAL0139518 [ST]: Luschnath, B., Coll. pl. Bahiensis 127, 1835-03-05, Brazil, Bahia, Cruz de Casma. Not at HAL: Sieber, Friedrich W. coll. pro Hoffmannsegg, J.C. von, 1801–1807, Brazil. {3} B-W08893-010.

Stachys agraria Schltl. & Cham., Linnaea 5: 100. 1830. {1} Jalapae, circa urbem. Aug. {2} HAL0047320 [ST], HAL0047321 [ST]: Schiede, C.J.W. s.n. “143”, 1828-08, Mexico, Veracruz-Llave, Jalapa.

Stachys boraginoides Schltl. & Cham., Linnaea 5: 100. 1830. {1} In umbrosis in monte Macultepec et versus S. Andres. Jalapa. Aug. {2} HAL0047315 [lectotype, **designated here**]: Schiede, C.J.W. 536 “144”, 1828-08, Mexico, Veracruz-Llave, in umbrosis monte Macultepece et versus San Andres, fl. Jalapensis. {3} B100247476? {4} LT designated by Epling, C.C., Beih. Repert. Spec. Nov. Regni Veg. 80: 1–72. 1934, according to Turner, B.L., Phytologia 77: 351. 1994, now destroyed. B100247476

without original label was annotated as possibly IT by D.B. Munro 1983. Owing to the destroyed LT, we propose here HAL0047315 as new LT.

Stachys schiedeana Schldtl., Linnaea 7: 398. 1832. {1} Prope San Miquel del Soldado et la Joya Jun. 29. (Colitur in horto bot. Berl. e seminibus Schiedeanae sub Salviae nomine). {2} HAL0047317 [ST]: Schiede, C.J.W. s.n., 1829-06, Mexico, Prope San Miguel del Soldado et la Joya. {3} K000485340; P00714638.

Stackhousia gunniana Schldtl., in Schuch., Linnaea 26: 18. 1854. {1} Schldtl. in Linn. XX. p. 642. {2} HAL0049070 [ST]: Behr, H.H. s.n. "158", 1845-09, Australia, auf dem Graslande. {4} HAL0049070 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1). Schlechtendal's citation of "158" refers to "Linnaea 20: 642. 1847."

Staelia Cham. & Schldtl., Linnaea 3: 364. 1828.

Staelia thymoides Cham. & Schldtl. (type species of the genus *Staelia* Cham. & Schldtl.), Linnaea 3: 364. 1828. {1} In Brasilia meridionali lectam misit Sellow. {2} HAL0098315 [ST]: Sellow, F. s.n., 1814–1831, Brazil; Basilia meridionalis. {3} M0189340.

Stellaria crispa Cham. & Schldtl., Linnaea 1: 51. 1826. {1} In Unalasccha insula anno 1817. {2} HAL0098409 [ST]: Chamisso, L.C.A. von s.n., 1817, USA, Alaska, ex insula Unalasccha.

Stellaria marginata Cham. & Schldtl., Linnaea 1: 50. 1826. {1} Ad sinum Schischmareff (an as Sinum St. Laurentii?). {2} HAL0098408 [ST]: Chamisso, L.C.A. von s.n., 1816-07-31, USA, Alaska, Ad sinum Schischmareff (an ad Sinum St. Laurentii).

Stellaria nummularifolia Schldtl. (in herb.). {2} HAL0117873 [AS]: Mundt, J.L. & Maire, C. s.n. "128", 1815–1830, South Africa, Prom. bon. sp.

Stemodia ehrenbergiana Schldtl., Ind. sem. hort. hal. 1842: 8. 1842. {1} cult. in Hort. Hal. {2} Not at HAL: cult. in Hort. Halensi.

Stemodia hyptoides Cham. & Schldtl., Linnaea 3: 8. 1828. {1} In provinciis meridionalibus Brasiliae copiosam legit Sellow. {2} HAL0060225 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia meridionalis. {3} B100248790; B100248791 [LT]; BR0000005423507; BR0000005423835; F0072710F; F0BN012420 (photo in F); HBG512029; K000529107; K000529109; K000529110; L; M0188306; M0188307. {4} LT designated by Turner, B.L. & Cowan, C.C., Phytologia 74: 295. 1993.

Stemodia philippensis Cham. & Schldtl., Linnaea 3: 5. 1828. {1} Ad pagum Tierra alta Luconiae legimus ipsi. {2} Not at HAL: Chamisso, L.C.A. von s.n., s.d., Philippines, ad pagum Tierra alta Luconiae.

Stemodia stricta Cham. & Schldtl., Linnaea 3: 10. 1828. {1} Semel e Brasilia tropica Sellowius misit specimina florere incipientia. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} F0BN012471 (photo in F); K000529104 [ILT]. {4} LT designated by Turner, B.L. & Cowan, C.C., Phytologia 74: 313. 1993 ("LT: B [destroyed], photo: F, GH, MO; ILT: K").

Stevia conferta DC. forma *capitata* Schldtl., Hort. hal. 2: 16. 1841. {1} Mineral del Monte, a Sept. ad Oct. lect. a C. Ehrenberg, alio loco Sept. m. a.b. Schiede. {2} HAL0032736 [ST]: Ehrenberg, C.A. 489, 18??-09, Mexico, Hidalgo, Mineral del Monte. Not at HAL: Schiede, C.J.W. s.n., 18??-09, Mexico, Hidalgo, Mineral del Monte. {3} P00704331. {4} HAL0032736 was annotated on the label as LT by J.L. Grashoff 1972, but a corresponding publication has not been found [maybe in Grashoff, J.L., A systematic study of the North and Central American species of *Stevia*. Diss., University of Texas, Austin. 1972 (not seen)].

Stevia conferta DC. forma *corymbosa* Schldtl., Hort. hal. 2: 16. 1841. {1} Mineral del Monte, isdem mensibus C. Ehrenberg. {2} HAL0032734 [ST]: Ehrenberg, C.A. 490, 18??-09, Mexico, Hidalgo, Mineral del Monte. {3} P00704332; RSA0001600. {4} HAL0032734 was annotated on the label as LT by J.L. Grashoff 1972, but a corresponding publication has not been found [maybe in Grashoff, J.L., A systematic study of the North and Central American species of *Stevia*. Diss., University of Texas, Austin. 1972 (not seen)].

Stevia conferta DC. forma *ramosa* Schldtl., Hort. hal. 2: 16. 1841. {1} Huc spectat planta Berlandieri supre citata et specimen horti bot. Berol. nomine St. purpureae insignitam nec non alia a b. Schiede ad Zetete Xonotla alioque loco lecta. {2} HAL0032740 [ST]: Schiede, C.J.W. s.n., s.d., Mexico, Veracruz-Llave, Zetete Xonotla. {4} HAL0032740 was annotated on the label as LT by J.L. Grashoff 1972 but a corresponding publication has not been found [maybe in Grashoff, J.L., A systematic study of the North and Central American species of *Stevia*. Diss., University of Texas, Austin. 1972 (not seen)].

Stevia dissoluta Schldtl., Hort. hal. 2: 16. 1841. {1} Inter las Trojes et Hacienda de la Trinidad Oct. leg. b. Schiede. {2} HAL0032749 [ST], HAL0107357 [ST]: Schiede, C.J.W. s.n., 1830-10, Mexico, inter las

Trojes et Hacienda de la Trinidad. {4} HAL0032749 was erroneously annotated as on the label HT by J.L. Grashoff 1972.

Stevia ehrenbergiana Schltld., Linnaea 16: 370. 1842. {1} Mineral del Monte Sept. et Oct. florentem leg. C. Ehrenberg. {2} HAL0072113 [ST]: Ehrenberg, C.A. 476, 1834-09–10, Mexico, Hidalgo, Mineral del Monte.

Stevia glandulifera Schltld., Ind. sem. hort. hal. 1839: 10. 1839. {1} Mexicani imperii incola, [...]. {2} HAL0020972 [ST]: Anonymous collector s.n., s.d., Mexico, aut cult. in Hort. Bot. Hal. {4} HAL0020972 was annotated on the label as LT by J.L. Grashoff 1972, but a corresponding publication has not been found [maybe in Grashoff, J.L., A systematic study of the North and Central American species of *Stevia*. Diss., University of Texas, Austin. 1972 (not seen)].

Stevia leucantha Schltld., Hort. hal. 2: 16. 1841. {1} Puente de Dios, Oct. flor. leg. Ehrenberg. {2} HAL0072114 [ST]: Ehrenberg, C.A. 775, 1837-10, Mexico, Puente de Dios.

Stevia pyrolifolia Schltld., Linnaea 16: 326. 1842. {1} In monte Kankandó en la Encarnacion Jan. m. legit C. Ehrenberg. {2} HAL0032743 [HT]: Ehrenberg, C.A. 1094, 1840-01, Mexico, in monte Kankandó en la Encarnacion. {4} HAL0032743 was erroneously annotated as HT by J.L. Grashoff 1972, which could be correct according to Art. 9.1, Note 1, provided that it is indeed a unique specimen.

Stevia verticillata Schltld., Linnaea 16: 372. 1842. {1} In provincia Rio de Janeiro Brasiliae pr. Novo Friburgo in planitie Nov. floret. {2} HAL0032758 [ST]: Anonymous collector s.n., 18??-11 Brazil, Rio de Janeiro, in provincia Rio de Janeiro prope Novo Friburgo in planitie. {4} HAL0032758 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Swertia parviflora Kunth var. *angustifolia* Schltld. & Cham. (nom. illeg.), Linnaea 5: 122. 1830. {4} ≡ *Swertia parviflora* Kunth var. *parviflora*, Nov. Gen. Sp. (quarto ed.) 3(10): 174. 1819.

Swertia parviflora Kunth var. *latifolia* Schltld. & Cham., Linnaea 5: 122. 1830. {1} In dumetis prope Jalapam. Aug. {2} Not at HAL: Schiede, C.J.W. s.n., 18??-08, Mexico, Veracruz-Llave, in dumetis prope Jalapam. {3} BM000953174; HBG517091; M0123603.

Swertia perennis L. var. *alternifolia* Cham. & Schltld., Linnaea 1: 189. 1826. {1} *Swertia obtusa* Ledeb. Mém. d. Petersb. 5. p. 526; Quae vero in Herb. Willdenowiana sub *Sw. perennis* N. 5474 fol. 5 et 6. {2} Not at HAL: Anonymous collector s.n., s.d., Russia, Hab. in Sibiria transbaicalensis. {3} B-W05474-050; B-W05474-060.

Symplocos schiedeana Schltld., Linnaea 8: 527. 1833. {1} Barranca de Tioselo inter Tioselo et Jicochimalco. Arbor satis alta. Aug. 29. {2} HAL0098594 [ST]: Schiede, C.J.W. s.n. “181”, 1829-08, Mexico, Veracruz-Llave, Barranca de Tioselo inter Tioselo et Jicochimalco. {3} K000644494; P00761307.

T

Tamonea scabra Schltld. & Cham., Linnaea 5: 99. 1830. {1} Tierra caliente, Puente del Rey. Jul. Hacienda de la Laguna. Oct. {2} HAL0098486 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “138”, 1828-10, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0098487 [ST]: Schiede, C.J.W. 519 “138”, 1828-07, Mexico, Guerrero, Puente del Rey. {3} BM000992701; P00713887.

Tamonea scabra Schltld. & Cham. var. *minor* Schltld. & Cham., Linnaea 6: 373. 1831. {1} Ad litlora maris arenosa prope Laguna salada reg. calid. Mart. {2} HAL0098481 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “138”, 1828-03, Mexico, ad littora maris arenosa prope Laguna salada reg. calid. {3} BM000992702; MO-1086288; SI003638; W0024688.

Tauschia Schltld., Linnaea 9: 607. 1835.

Tauschia nudicaulis Schltld. (type species of genus *Tauschia* Schltld.), Linnaea 9: 608. 1835. {1} Umbellifera tertia inter las Vigas et Perote lecta Linn. V. p. 209; In locis tenui gramine vestitis inter la Joya et San Salvador. Jun. 29. {2} HAL0066180 [lectotype, **designated here**]: Schiede, C.J.W. s.n. “288”, 1829-06, Mexico, Morelos, in locis tenui gramine vestitis inter la Joya et San Salvador. HAL0107653 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “288”, s.d., Mexico, Veracruz-Llave, inter las Vigas et Perote. {3} BR0000005421336; G00367347; GH00077971; K000529887; MO-139240; NY00406286; P00115602; P00115603. {4} Material deposit in HAL is erroneously designated as HT by Stolle, J., Schlechtendalia 10: 11. 2003, which is, however, not correctable to LT since Art. 7.10 was not met in this publication. We follow Stolle’s intention and designate HAL0066180 as LT. Schlechtendal’s citation of “288” refers to “Linnaea 5: 209. 1830.”

Taxus globosa Schltld., Linnaea 12: 496. 1838. {1} C. Ehrenberg fand diesen 20 Fuss hohen Baum bei Real del Monte, zwischen el canino del paso und Huajalote. {2} Not at HAL: Ehrenberg, C.A. s.n., 1831–1840, Mexico, Hidalgo, Real del Monte, zwischen el camino del paso und Huajalote. {3} BM;

K000287668 [LT]; L0050762; L0050763; P00731275; S; US00012033. {4} LT designated by Spjut, R.W., J. Bot. Res. Inst. Texas 1: 223. 2007.

Tephrosia schiedeana Schltld., Linnaea 12: 299. 1838. {1} In praeruptis in Barranca de Tioselo pr. Hac. de la Laguna Aug. 29 (Schiede). {2} HAL0098588 [ST], HAL0107644 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, in praeruptis in Barranca de Tioselo prope Hacienda de la Laguna. {3} BR0000005215683; G00367989; GH00063528; GOET005296; NY00033815; P02768466.

Tephrosia vicioides Schltld., Linnaea 12: 297. 1838. {1} Tephros. sp. Linn. l.c. p. 581. n. 619. In clivis convallium graminosis, Hacienda de la Laguna, Aug. 29 (Schiede). {2} HAL0098609 [ST], HAL0107643 [ST]: Schiede, C.J.W. s.n. "619", 1829-08, Mexico, Veracruz-Llave, prope Hacienda de la Laguna. {3} F0BN002065 (photo in F); NY00033821; P02768519. Notes: Schlechtendal's citation of "619" refers to "Linnaea 5: 581. 1830."

Ternstroemia sylvatica Schltld. & Cham., Linnaea 5: 220. 1830. {1} In sylvaticis inter Jalapam et San Andres Aug. atque prope San Miguel del Soldado reg. temp. Nov. {2} HAL0060004 [ST]: Schiede, C.J.W. & Deppe, F. 402 "455", 1828-08, Mexico, Veracruz-Llave, in sylvaticis inter Jalapam et San Andres. HAL0060005 [ST], HAL0060006 [ST]: Schiede, C.J.W. s.n. "455", 1828-11, Mexico, San Miguel del Soldado, reg. temp. {3} BM000041987; E00387109; F0092694F; HBG512512; M0165293; MO-2218234. {4} HAL0060004 was annotated as LT by B. Bartholomew (CAS) 1987; but a corresponding publication has not been found.

Ternstroemia tepezapote Schltld. & Cham., Linnaea 6: 420. 1831. {1} Tecoluto. Jan. {2} HAL0060007 [ST]: Schiede, C.J.W. s.n. "1300", 1829-01, Mexico, Veracruz-Llave, Tecoluto. {3} BM000041986; KIEL according to Tropicos. {4} HAL0060007 was annotated as HT by B. Bartholomew (CAS) 1987.

Tetracera fagifolia Schltld. (nom. illeg.), Linnaea 8: 174. 1833. {1} Hb. W. n. 10352 specimen no. 1. Specimen no. 2. Davilla est a Siebero comitis Hoffmannsegg in provincia Para collecta. {2} HAL0016530 [ST]: Sieber, Friedrich W. coll. pro Hoffmannsegg, J.C. von s.n., 1801-1807, Brazil, Pará, prov. Pará. {3} B-W10352-010 [ST]. {4} Non Blume 1825; = *Tetracera willdenowiana* Steud. (nom. nov.), Nomencl. bot. ed. 2 vol. 2: 670. 1841. Kubitzki, K., Mitt. Bot. Staatssamml. München 8: 64. 1970, cited the collection in B simply as "type".

Tetracera poeppigiana Schltld., Linnaea 8: 174. 1833. {1} In sylvis Cubae ad Limones grandes Novbr. lecta. {2} HAL0016525 [ST]: Poeppig, E.F., Enumeratio plantae cubensium s.n., 1822-11, Cuba, in sylvis Cubae ad Limones grandes. {3} BR0000006990961; K000075321.

Tetracera sellowiana Schltld., Linnaea 8: 175. 1833. {1} in Brasilia a Sellowio reperta. {2} Not at HAL: Sellow, F. s.n., 1814-1831, Brazil, Brasilia. {3} F0BN005742 (photo in F); P00682277.

Tetrachyron Schltld., Linnaea 19: 744. 1847.

Tetrachyron manicatum Schltld. (type species of the genus *Tetrachyron* Schltld.), Linnaea 19: 744. 1847. {1} No. 257. temper. Mexico. {2} HAL0111424 [ST]: Schiede, C.J.W. 257, 1828, Mexico, temp. Mexico. {4} HAL0111424 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Tetramerium latifolium Cham. & Schltld., Linnaea 4: 30. 1829. {1} In Provincia Rio de Janeiro Brasiliae aequinoctialis legit Sellow. {2} HAL0113686 [ST]: Sellow, F. s.n., 1814-1831, Brazil, Brasilia aequinoctialis [Rio de Janeiro]. {3} F0071176F.

Tetramerium montevidense Cham. & Schltld., Linnaea 4: 29. 1829. {1} In Brasilia meridionali legit Sellow. {2} HAL0113648 [ST], HAL0113649 [ST]: Sellow, F. s.n., 1814-1831, Brazil, Brasilia meridionalis. {3} F0071177F; F0071178F; G00301026.

Tetramerium stipulaceum Cham. & Schltld., Linnaea 4: 31. 1829. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814-1831, Brazil, in Brasilia aequinoctiali. {3} F0044484F; F0071179F.

Tetrapterys schiedeana Schltld. & Cham., Linnaea 5: 218. 1830. {1} In sylvis prope Jalapam in arboribus scandens. Aug. Hacienda de la Laguna. Sept. {2} HAL0074280 [LT], HAL0118189 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. "447", 1828-08, Mexico, Veracruz-Llave, in sylvis prope Jalapam in arboribus scandens. HAL0074281 [ST]: Schiede, C.J.W. & Deppe, F. 593, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} F0BN012747 (photo in F); G00353036; GH00037811; GOET007684; K000427355; L0064052; MO-187293; NY00067732; NY00067733; P02429092; W0021841; W0021842; W0021843; W1895-004197; W1889-0315354. {4} LT designated by Anderson, W.R., Cont. Univ. Mich. Herb. 20: 35. 1995.

Tetratome racemosa Poepp. ex Schltld. (nom. illeg. superfl.), Linnaea 20: 114. 1847. {1} Poeppig pl. exs. n. 1577. {2} HAL0110083 [ST]: Poeppig, E.F. 1577, 18??-12, Peru, [montanis Peruviae orientalis ad praedium Paampayaco]. {3} F0041281F; F0041282F; G00356964; G00356965; G00356966; P00080277;

P00080278. {4} Based on the same type material as *Tetratome triflora* Poepp. & Endl., Nov. Gen. Sp. Pl. 2: 46, t. 163. 1838.

Teucrium trifidum Schldtl., Linnaea 20: 609. 1847. {1} Auf sandigem Boden. November. {2} HAL0042538 [ST]: Behr, H.H. s.n. "98", 1844-11, Australia, South Australia, Südastralien, auf sandigem Boden. {4} HAL0042538 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Thesium linophyllum L. var. *humile* Schldtl., Fl. Berol. 2: 149. 1824. {1} Thiergarten W. Spandau W. Rummelsburg K. Papenberge! Kalkberge! {2} HAL0104006 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Thesium linophyllum L. var. *ramosum* Schldtl., Fl. Berol. 2: 149. 1824. {1} Thiergarten W. Spandau W. Rummelsburg K. Papenberge! Kalkberge! {2} HAL0103996 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Thesium linophyllum L. var. *vulgare* Schldtl., Fl. Berol. 2: 149. 1824. {1} Thiergarten W. Spandau W. Rummelsburg K. Papenberge! Kalkberge! {2} HAL0104000 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Tigridia violacea Schiede ex Schldtl., Allg. Gartenzeitung 6: 233. 1838. {1} Unter verschiedenen lebend erhaltenen Zwiebeln und Knollen aus Mexico befand sich auch eine *Tigridia*, [...]. {2} HAL0140396 [ST]: Schiede, C.J.W. 825 "1028", 1828-07, Mexico, Veracruz-Llave, inter Manantial et Paro de Ovejas. {4} HAL0140396 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Tilia mexicana Schldtl., Linnaea 11: 377. 1837. {1} Cuesta grande de Chiconquiaco. Sept. 29. (Schiede). {2} HAL0042250 [ST]: Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, Cuesta grande de Chiconquiaco. {3} BM000795128; GOET011226; ILL00006638; BREM and LE according to Tropicos.

Tillandsia aloides Schldtl. & Cham., Linnaea 6: 55. 1831. {1} In arboribus parasitica prope Jalapam. Aug. {2} HAL0045464 [LT], HAL0107338 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. "1009", 1828-08, Mexico, Veracruz-Llave, in arboribus parasitica prope Jalapam. {3} B100244060; B100244062; OXF00055398U; W (lost). {4} LT designated by Weber, W., Feddes Repert. 95: 579. 1984.

Tillandsia apicroides Schldtl. & Cham., Linnaea 6: 55. 1831. {1} Jalapae in arboribus parasitica. Aug. {2} HAL0045619 [LT], HAL0107337 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. "1010", 1828-08, Mexico, Veracruz-Llave, in arboribus parasitica prope Jalapam (err. 'in graminosis'). {3} B100244059; BM; LE00006276; LE00006277; OXF00055399V. {4} LT designated by Weber, W., Feddes Repert. 95: 579. 1984.

Tillandsia brachycaulos Schldtl., Linnaea 18: 422. 1845. {1} [...], welches von Schiede auch bei der Hacienda de la Laguna im Juli blühend gefunden ist, [...]. {2} HAL0045602 [HT]: Schiede, C.J.W. s.n., 1828-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} B according to Tropicos, but not found. {4} Annotated as HT by W. Till (WU), 1995-08-01. Cited as HT by Weber, W., Feddes Repert. 95: 580. 1984, which is probably correct, provided that HAL0045602 is a unique specimen (ICN Art. 9.1, Note 1).

Tillandsia caespitosa Schldtl. & Cham. (nom. illeg.), Linnaea 6: 54. 1831. {1} Jalapa. Aug. {2} HAL0045603 [LT]: Schiede, C.J.W. & Deppe, F. s.n. "1007", 1828-08, Mexico, Veracruz-Llave, Jalapa. {3} B100247196; BM000578863; KIEL; LE00006284; LE00006285; OXF00055380L; OXF00055381M; ROST; WU0010970 (photo). {4} Non Leconte 1826; = *Tillandsia multicaulis* Steud., Nomencl. bot., ed. 2, vol. 2 (12-13): 688. 1841; = *Tillandsia schlechtendalii* Baker (nom. nov., nom. illeg. superfl.), J. Bot. 26: 49. 1888; LT designated by Weber, W., Feddes Repert. 95: 589. 1984.

Tillandsia circinnata Schldtl., Linnaea 18: 430. 1845. {1} In arboribus pr. la Hacienda de la Laguna Aug. deflorantam et Martio m. Misantlae capsulas aperientem leg. Schiede. {2} HAL0045627 [LT], HAL0107336 [ILT]: Schiede, C.J.W. s.n., 1829-03, Mexico, Veracruz-Llave, in arboribus Misantlae. HAL0045628 [ST]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna, in arboribus. {3} B(?). {4} LT designated by Weber, W., Feddes Repert. 95: 594. 1984.

Tillandsia erubescens Schldtl., Linnaea 18: 427. 1845. {1} S. Angel, S. Batolo (Schiede). {2} HAL0045608 [LT]: Schiede, C.J.W. 101, 1828-1833, Mexico, S. Angel, S. Bastolo. {4} Annotated as IT by W. Till (WU) 1995-08-01; LT designated by Weber, W., Feddes Repert. 95: 583. 1984, as HT, but correctable to LT according to ICN Art. 9.9; but could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Tillandsia filifolia Schldtl. & Cham., Linnaea 6: 53. 1831. {1} Hacienda de la Laguna. Sept. {2} HAL0045501 [ILT?]: Schiede, C.J.W. s.n. "1005", 18??-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} B100243331 [LT]; BM000578856; BM000923910; G; LE; OXF00055386R. {4} Original

label of the HAL sheet lost! LT designated by Weber, W., Feddes Repert. 95: 585. 1984, as HT, but correctable to LT according to ICN Art. 9.9.

Tillandsia grandis Schldtl., Linnaea 18: 424. 1845. {1} In praeruptis, Hacienda de la Lagunga, Aug. fruct. leg. Schiede. {2} HAL0045629 [ILT]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna in praeruptis. {3} B100673624; B100673625 [LT/ILT]; BM000578864; LE00006295. {4} LT designated by Weber, W., Feddes Repert. 95: 585, 587. 1984. R.S. Beaman (FLAS) 1988-12 erroneously annotated B100673625 as HT and B100673624 as IT, which was later published by Beaman, R.S. & Judd, W.S., Brittonia 48: 13. 1996.

Tillandsia leiboldiana Schldtl., Linnaea 18: 414. 1845. {1} Barranca. no. 180, Leibold. Hacienda de la Laguna Jul. flor. Schiede. {2} HAL0045630 [ILT]: Leibold, F.E. 180, 1839–1844, Mexico, in barrancos. HAL0045625 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. {3} B100673623 [LT]; KIEL. {4} B100673623 was erroneously designated as HT by Smith, L.B. & Downs, R.J., Fl. Neotrop. 14: 749. 1977, but correctable to LT according to ICN Art. 9.9.

Tillandsia limbata Schldtl., Linnaea 18: 419. 1845. {1} In arboribus pr. la Hacienda de la Laguna Aug. fruct. leg. b. Schiede. {2} HAL0045626 [LT], HAL0107335 [ILT]: Schiede, C.J.W. s.n., 1829-08, Mexico, Veracruz-Llave, Hacienda de la Laguna, in arboribus. {4} LT designated by Weber, W., Feddes Repert. 95: 587. 1984.

Tillandsia paniculata Schldtl. & Cham. (nom. illeg.), Linnaea 6: 54. 1831. {1} Jalapa. Aug. {2} HAL0045631 [ILT], HAL0107333 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. “1008”, 1828-08, Mexico, Veracruz-Llave, in arboribus parasitica prope Jalapam. {3} B100243340; B100243341 [LT]; G00168189; LE00006300; LE00006301; ROST; WU0011059. {4} Non (L.) L. 1762; ≡ *Tillandsia deppeana* Steud. (nom. nov.), Nomencl. Bot., ed. 2, 2: 688. 1841. Specimen in LE designated by Smith, L.B. & Downs, R.J. Fl., Neotrop. 14: 715. 1977, as HT, not correctable to LT according to ICN Art. 9.9 since two specimens are deposited in LE according to JSTOR. Therefore, the following lectotypification has to be accepted as correct: LT designated by Weber, W., Feddes Repert. 95: 581/583. 1984 [“LT: B (Film 4264A, Bogen 1)”].

Tillandsia punctulata Schldtl. & Cham., Linnaea 6: 53. 1831. {1} Jalapae in arboribus. Nov. {2} HAL0045635 [LT], HAL0107332 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. “1006a”, 1828-11, Mexico, Veracruz-Llave, Jalapa in arboribus. {3} B100243489; LE. {4} LT designated by Weber, W., Feddes Repert. 95: 591. 1984.

Tillandsia tricolor Schldtl. & Cham., Linnaea 6: 54. 1831. {1} Jalapae in arboribus parasitica. Aug. sub. anthesi. {2} HAL0045632 [LT], HAL0107331 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. “1006b”, 1828-08, Mexico, Veracruz-Llave, Jalapa in arboribus parasitica. {3} B100249208; LE00006311. {4} LT designated by Weber, W., Feddes Repert. 95: 595. 1984.

Tillandsia variabilis Schldtl., Linnaea 18: 418. 1845. {1} Prius pro *T. azurea* Presl dubitanter habita, cfr. Linn. VI. 52. n. 1003. In arboribus prope Papantla Jannario m. florentem legit b. Schiede. {2} HAL0045636 [LT], HAL0107330 [ILT]: Schiede, C.J.W. s.n. “1003”, 1829-01, Mexico, Veracruz-Llave, in arboribus prope Papantlan. {4} LT designated by Weber, W., Feddes Repert. 95: 597. 1984. Schlechtendal’s citation of “1003” refers to “Linnaea 6: 52. 1831.”

Tillandsia variegata Schldtl. (nom. illeg.), Linnaea 18: 429. 1845. {1} In arboribus Jalapae Aprili flor. leg. beat. Schiede. {2} HAL0045637 [LT]: Schiede, C.J.W. s.n., 1829-04, Mexico, Veracruz-Llave, in arboribus Jalapae. {3} B [ILT]. {4} Non Vell. 1825; ≡ *Tillandsia butzii* Mez (nom. nov.), Pflanzenr. (Engler) IV (32, Heft 100): 636. 1935. LT designated by Weber, W., Feddes Repert. 95: 581. 1984, as HT, but correctable to LT according to ICN Art. 9.9.

Tillandsia vestita Schldtl. & Cham. (nom. illeg.), Linnaea 6: 52. 1831. {1} In arboribus parasitica prope Hacienda de la Laguna. Sept. Prope Actopan. Mart. {2} HAL0045617 [LT]: Schiede, C.J.W. & Deppe, F. s.n. “1004”, 1828-09, Mexico, Veracruz-Llave, in arboribus parasitica prope Hacienda de la Laguna. Not at HAL: Schiede, C.J.W. & Deppe, F. s.n. “1004”, 1828-03, Mexico, prope Actopan. {3} B100296324; BM000578880; KIEL; LE00006316; LE00006317; LE00006318; LG; OXF 00055440I; ROST. {4} Non Willd. ex Schult.f. 1830; ≡ *Tillandsia schiedeana* Steud., Nomencl. Bot. (ed. 2) 2: 688. 1841. LT designated by Weber, W., Feddes Repert. 95: 592. 1984.

Torenia hirta Cham. & Schldtl., Linnaea 2: 571. 1827. {1} E Luconia retulimus. {2} Not at HAL: Chamisso, L.C.A. von s.n., 1817, Philippines, e Luconia retulimus.

Tovomita calypttrata Schldtl., Linnaea 8: 187. 1833. {1} In sylvis montosis Rio Janeiro Novembri flores. Lhotsky florula Sebastianopol No. 5. {2} Not at HAL: Lhotsky, J., Flora Sebastiana 5, Nov. (1830–1832), Brazil, in sylvis montosis Rio Janeiro.

Trachyandra echeandioides Schldtl., Bot. Zeitung 3: 629. 1845. {1} Bei Anganguero in der kalten Region von Dr. Schiede gesammelt, blüht gelb. {2} HAL0064681 [ST], HAL0107650 [ST], HAL0107651 [ST]: Schiede, C.J.W. s.n., 1828–1833, Mexico, Michoacán de Ocampo, prope Anganguero, reg. frig. {4} HAL0064681 was annotated as LT by R.W. Cruden (IA) 2009-04, but a corresponding publication has not been found.

Trachyandra nana Schldtl., Bot. Zeitung 3: 627. 1845. {1} Zwischen Mineral del Monte und Pachuca von C. Ehrenberg gesammelt, blüht orange. {2} HAL0063417 [ST]: Ehrenberg, C.A. 29, 1837–1839, Mexico, Hidalgo, zwischen Mineral del Monte und Pachuca.

Tradescantia gonatandra Schldtl., Linnaea 24: 659. 1851. {1} E Columbia orta est haec stirps in clar. Keferstein horto ornatissimo, qui haud procul ab urbe nostra in pago Kröllwitz laete floret. {2} Not at HAL: Keferstein, Ch. s.n., s.d., Germany, Halle, cult. in hortus Keferstein, from Columbia. {4} Alternative name = *Gonatandra tradescantioides* Schldtl., according to ICN Art. 36.2.

Tradescantia lyonii Steud. ex Schldtl., Linnaea 25: 186. 1853. {1} Hort. angl.; [...], quae anglice ‘Lyon’s new Spiderwort’ andit et a. 1812 introducta est. {2} Not at HAL.

Trevirana grandiflora Schiede ex Schldtl., Linnaea 8: 247. 1833. {1} In rupibus umbrosis clivium prope Hacienda de la Laguna in Barranca de Tioselos. Aug. 29. {2} HAL0082771 [ST]: Schiede, C.J.W. s.n. “124”, 1829-08, Mexico, Veracruz-Llave, in rupibus umbrosis clivium prope Hacienda de la Laguna in Barranca de Tioselos. {3} MO-501799; NY00313021; P00587405.

Trichomanes melanotrichum Schldtl., Adumbr. pl. 5: 56. 1832. {1} Prom. bon. Spei, ad Plettensbergbay c. 1815, Mundt & Maire. {2} HAL0037269 [ILT]: Mundt, J.L. & Maire, C. s.n., 1815, South Africa, Prom. bon. spei ad Plettensbergbay. {3} B200093181 [lectotype, **designated here**]; P00065008 [ILT]. {4} Erroneously cited as HT by Roux, J.P., *Conspectus of Southern African Pteridophyta*: 46. 2001 [“B, holo.; HAL 37269, P!, iso.”] but not correctable to LT according to ICN Art. 9.9 since the requirements of Art. 7.10 are not met. Therefore, we follow the intention of Roux (l.c.) and designate B200093181 as LT.

Trichomanes schaffneri Schldtl., Linnaea 26: 368. 1854. {1} Hanc quoque prope Huatusco in regione calida Mexici situm legit clar. W. Schaffner, cujus nomine ornavimus. {2} HAL0086350 [ST]: Schaffner, J.W. 3, 17, 1853-07-07, Mexico, Veracruz-Llave, Prope Huatusco. {4} HAL0086350 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Trigynaea Schldtl., Linnaea 9: 328. 1834.

Trigynaea oblongifolia Schldtl. (type species of genus *Trigynaea* Schldtl.), Linnaea 9: 329. 1835. {1} Pauca misit Sellowius specimina e Brasilia aequinoctiali. {2} HAL0059853 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} B100243110 [LT]; F0BN014236 (photo in F); K000486373; S-R-6814. {4} Annotated on the label as HT by D.M. Johnson (OWU) 1988, but published in *Brittonia* 47: 280. 1995 as “HOLOTYPE B, HAL fragment” which is correctable to LT according to ICN Art. 9.9.

Triopteris sericea Schldtl., Linnaea 10: 243. 1836. {1} Malpays de Naulingo. Sept. 29. {2} HAL0098388 [ST]: Schiede, C.J.W. s.n., 1829-09, Mexico, Veracruz-Llave, Malpays de Naulingo. {4} HAL0098388 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Triplaris laurifolia Cham. & Schldtl., Linnaea 3: 55. 1828. {1} In Brasilia aequinoctiali hunc fruticem reperit Sellowius et transmisit. {2} HAL0098197 [ILT]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} B101001716 [LT]; B101001717; BR0000005288069. {4} LT designated by Pendry, C.A., *Syst. Bot. Monogr.* 67: 95. 2004.

Triplaris salicifolia Cham. & Schldtl., Linnaea 3: 56. 1828. {1} Crescit in fruticetis riparum Brasiliae meridionalis, collegit Sellow. (S. José do Uruguay, Pay Sandú, Rio negro etc.) Fl. Februario. {2} HAL0097801 [ST]: Sellow, F. s.n., Feb. (1814–1831), Brazil, Brasilia meridionalis. {3} B101001705 [LT, female specimen]; B101001706; BR0000005287970; BR0000005288007; C10017405; C10017406; CORD00002361; G00437687; K000585128; K000585129; K000585130; K000585131; K000585132; NY00260322; WU0065944. {4} LT designated by Pendry, C.A., *Syst. Bot. Monogr.* 67: 76. 2004.

Triumfetta dumetorum Schldtl., Linnaea 11: 377. 1837. {1} In dumetis pr. Jalapam Jun. Aug. (Schiede) ad Tlalpujahuá (leg. Keerl comm. Martius). {2} HAL0098605 [ST]: Schiede, C.J.W. s.n., 1829-06, Mexico, Veracruz-Llave, in dumetis Jalapae. HAL0098396 [ST]: Schiede, C.J.W. 463 “487”, 1829-08, Mexico, Veracruz-Llave, in dumetis prope Jalapam. Not at HAL: Keerl, F.W. s.n., s.d. Mexico, ad Tlalpujahuá. {3} BR0000005421312; GOET011229; P02143066. Schlechtendal’s citation of “487” refers to “Linnaea 5: 228. 1830.”

Triumfetta obovata Schldtl., Linnaea 5: 228. 1830. {1} Hacienda de la Laguna. Sept. {2} HAL0107646 [ST]: Schiede, C.J.W. 460 “489”, 1828-09, Mexico, Veracruz-Llave, Hacienda de la Laguna. {4}

HAL0107646 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Tropaeolum fintelmannii Wagner ex Schltld., Allg. Gartenzeitung 18: 105. 1850. {1} Colombia. {2} Not at HAL: Wagener, H. s.n., s.d., Colombia. {4} According to Tropicos NT designated by Sparre, B. & Andersson, L., Opera Bot. 108: 78. 1991. [NT: Berschelo s.n., s.d. Caryacito?, 3000 ft (K)].

Trophis ramon Schltld. & Cham., Linnaea 6: 357. 1831. {1} Misantla. Mart. {2} HAL0097800 [ST], HAL0107341 [ST]: Schiede, C.J.W. s.n., 1829-03, Mexico, Veracruz-Llave, Misantla. {3} B100244691; B100244692; B100244693; K000442743; LE00001527; MO-144104.

Tupeia Cham. & Schltld., Linnaea 3: 203. 1828. {4} Type species of genus is *Tupeia antarctica* (G.Forst.) Cham. & Schltld., Linnaea 3: 203. 1828.

Turraea graciliflora Schltld., Linnaea 25: 216. 1853. {1} Quem sub *T. lobatae* Lindleyi nomine accepimus fruticulum in caldario colendum ex icone et descriptione a Lindleyo in Bot. Reg. New Series XVII. t. 4. et XVI. Misc. n. 66. p. 61 datis diversam ejusdem sectionis habemus speciem. Quarum differentiam utriusque diagnosis illustrato. Partiam hujus speciei ignoramus sed ex affinitate Africam tropicam esse persuasum habemus. {2} Not at HAL.

U

Umbilicus mexicanus Schltld., Linnaea 13: 409. 1839. {1} Mineral del Monte Nov. et. Dec. flor. (C. Ehrenberg), pr. Mexico. (Hb. Lehm. et Hamp.). {2} Not at HAL: Ehrenberg, C.A. s.n., Nov., Dec. (1831–1840), Mexico, Hidalgo, Mineral del Monte. Not at HAL: Anonymous collector s.n., s.d. (Hb. Lehm. et Hamp.), Mexico.

Urtica rivularis Schltld. (pro syn.), pro syn. *Droguetia diffusa* Wedd., Arch. Mus. Hist. Nat. 9: 541. 1856. {2} HAL0111193 [AS], HAL0111194 [AS]: Metz, J.F., Pl. Ind. or. (M. Nilagiri) Hohenack. 1326, 18??-10, India, ad rivos Octacamund in montibus Nilagiri. {3} A00046943; FI011757; FR0036088; S07-9956.

Urvillea affinis Schltld., Linnaea 18: 38. (err. typ. 54) 1844. {1} Crescit in prov. Rio Janeiro Brasiliens. in montibus ad Nova Friburgo. {2} HAL0092765 [ST]: Anonymous collector s.n., 18??-10, Brazil, Rio de Janeiro, in montibus ad Novo Friburgo. {4} HAL0092765 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

V

Vaccinium leucanthum Schltld., Linnaea 8: 524. 1845. {1} Arbor floribus albis, infra S. Salvador Jun. Fructus maturi nigri et edules dicuntur. Pr. Chiconquiaco. Sept. {2} HAL0098447 [ST]: Schiede, C.J.W. s.n. “174”, 1829-09, Mexico, Infra S. Salvador. HAL0098593 [ST]: Schiede, C.J.W. s.n. “174”, 1829-06, Mexico, Veracruz-Llave, prope Chiconquiaco. {3} G00353592; GOET003294; MO-135665; NY00010632; P00647889; P00647890.

Vaccinium salicinum Cham. & Schltld., Linnaea 1: 525. 1826. {1} In inferioribus insulae Unalasccha collibus muscosis legimus. {2} HAL0117266 [ST]: Chamisso, L.C.A. von s.n., 1816, USA, Alaska, Unalasccha. {3} G00323094; K000797016; LECB 0001675.

Valeriana armeriifolia Schltld., Linnaea 28: 485. 1856. {1} W. Lechler pl. peruv. ed Hohenacker n. 1798. San Antonio in rupibus umbrosis Cordiller. Jan. m. 1854. {2} HAL0008881 [ST]: Lechler, W., W. Lechler Plantae Peruvianae, ed. R.F. Hohenacker (col. 1850–1853) 1798, 1854-06, Peru, San Antonio in rupibus umbrosis Cordiller. {3} G00355690; G00355743; GOET011474; K000588377; MO-1809908; US01108387. {4} On label “Jun. 54”.

Valeriana cephalantha Schltld., Linnaea 28: 483. 1856. {1} W. Lechler pl. peruv. ed Hohenacker n. 2011. Tabina. Jul. m. 1854. {2} HAL0005436 [ST]: Lechler, W., W. Lechler Plantae Peruvianae, ed. R.F. Hohenacker (col. 1850–1853) 2044, 1854-07, Peru, Tabina. {3} F0BN017944 (photo in F); G00354519; G00354522; GOET011475; K000588378; MO-435404; MO-435405; P00757548; P00757549.

Valeriana chamaedryfolia Cham. & Schltld., Linnaea 3: 129. 1829. {1} In Brasiliae interioribus regionibus legit Sellow. {2} HAL0005445 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia. {3} G00354523; K000588362; K000588363; M0189625; MO-797339; R000097884.

Valeriana officinalis L. var. *major* Schltld., Fl. Berol. 2: 22. 1824. {1} Aufstall! Schoeneberg! hinter d. Fasanerie! Jungfernheide! Thiergarten! Friedrichsfelde! Treptow! etc. {2} HAL0005376 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin.

Valeriana officinalis L. var. *minor* Schltld., Fl. Berol. 2: 22. 1824. {1} Kalkberge. {2} HAL0005375 [ST]: Schlechtendal, D.F.L. von s.n., 1820, Germany, Berlin [Kalkberge].

Velleia anisoloba Schltld. (in herb.). {2} HAL0113266 [AS]: Behr, H.H. s.n. “215”, 1844–1845, Australia, s.l. Notes: cited in Linnaea 21: 451. 1848 as *Goodenovia* sp.

Veratrum caricifolium Schltl., Ind. sem. hort. hal. 1838: 8. 1838. {1} In montibus calcaricis prope los Baños de Grande lectum Octobri mense fructiferum assiduo studio C. Ehrenbergii. {2} HAL0107320 [LT]: Ehrenberg, C.A. 783, 1837-10, Mexico, in montibus calcareis prope los Baños de Grande. HAL0064680 [ST], HAL0107319 [ST], HAL0107318 [ST]: Ehrenberg, C.A. s.n., 1837-10, Mexico, in montibus calcareis prope los Baños de Grande. {3} MEXU00007866; P00730351; GH according to Tropicos. {4} Annotated as LT on the label by Frame, D. (NY), 1990-02; corresponding publication has not been found, but possibly designated as LT in Frame, D.M., A revision of *Schoenocaulon* (Liliaceae–Melanthieae). Ph.D. thesis. New York: University of New York. 1990.

Veratrum frigidum Schltl. & Cham., Linnaea 6: 46. 1831. {1} Hab in regione alpestri montis Orizabae, ubi florentem et cum capsulis immaturis mense Septembri legimus. {2} HAL0079374 [lectotype, **designated here**], HAL0107321 [ILT]: Deppe, F. & Schiede, C.J.W. s.n., 1828-09, Mexico, Veracruz-Llave, in regione alpestris montis Orizabae. {3} LE00001195; MO-123059. {4} Erroneously cited as HT by Zomlefer, W.B. & Judd, W.S., Novon 12(2): 303. 2002 [“HT: HAL; IT: HAL, MO”], but not correctable to LT according to ICN Art. 9.9 since the requirements of Art. 7.10 are not met. We follow Zomlefer’s and Judd’s intention and designate HAL0079374 as LT.

Veratrum officinale Schltl. & Cham., Linnaea 6: 45. 1831. {1} Crescit in declivitate orientali Andium Mexicanarum in Barranca de Tioselo prope la Hacienda de la Laguna in graminosis. {2} HAL0079373 [ST], HAL0135580 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, in Barranco de Tioselo prope la Hacienda de la Laguna. {3} B100247564; BM000578838; K000524547; MO-123061.

Vernonia leiboldiana Schltl., Linnaea 19: 742. 1835. {1} (No. 283. Temper. Mexico.) {2} HAL0039206 [ST]: Leibold, F.E. 280, 1839–1844, Mexico, temperiertes Mexico. {4} In the original description, “Leibold No. 283” is given, but No. 280 is written on the original label.

Veronica alpina L. var. *unalaschcensis* Cham. & Schltl., Linnaea 2: 556. 1827. {1} *Veronica wormskjoldii* Roem. & Schult. Syst. Veg. (ed. 15 bis) 1: 101. 1817 [In Grönlandia.]; Legimus in montosis insulae Unalashka Aleutorum. {2} HAL0139749 [lectotype, **designated here**]: Chamisso, L.C.A. von s.n., s.d., USA, Alaska, Unalashka. Not at HAL: Wormskjold, M. s.n., s.d., Greenland. {3} B100278604 [ILT]; BM000645181. {4} ≡ *Veronica wormskjoldii* Roem. & Schult., Syst. Veg. (ed. 15 bis) 1: 101. 1817.

Vesicaria polyantha Schltl., Bot. Zeitung 11: 620. 1853. {1} Texas. {2} Not at HAL: USA, Texas. (cult. in hort. Hal., seeds from Texas).

Viburnum microcarpum Schltl. & Cham., Linnaea 5: 170. 1830. {1} Prope Jalapam et inter Jalapam et San Miquel del Soldado. Aug. {2} HAL0098548 [ST]: Schiede, C.J.W. 501 “398”, 1826-08, Mexico, Veracruz-Llave, prope Jalapam et inter Jalapam et San Miguel del Soldado. {3} BR0000006985974; GOET000554; NY00278617; P00644614; P00644615; W1889-0141933. Notes: “368” is written on the label which is possibly a mistake.

Viola ciliata Schltl. (nom. illeg.), Linnaea 12: 202. 1838. {1} In graminosis Jalapae Majo et Aug. fl. leg. Schiede. {2} HAL0071512 [lectotype, **designated here**], HAL0071513 [ILT]: Schiede, C.J.W. s.n., 1829-05, Mexico, Veracruz-Llave, in graminosis prope Jalapam. HAL0071511 [ST]: Schiede, C.J.W. s.n., 1828-08, Mexico, Veracruz-Llave, in graminosis prope Jalapam. {3} BM000529920; GOET011576; HBG506492; K000370241; K000370242; P00426174; U0008036. {4} Non Willd. ex Roem. & Schult. 1819. HAL0071512 was annotated on the label as LT and HAL0071513 as ILT by Ballard, H.E. (BHO), 2004-09-15, but Ballard, H.E., Flora del Bajío y de regiones adyacentes, Fasc. 31, Violaceae: 25. 1994, published only “tipo de *V. ciliata* Schltl.: C. J. W. Schiede s.n. (HAL!)” which does not constitute a valid lectotypification. We follow Ballard’s intention and designate HAL0071512 as LT.

Viola reticulata Schltl., Linnaea 12: 201. 1838. {1} Mineral del Monte (C. Ehrenberg). {2} Not at HAL: Ehrenberg, C.A. s.n., 1831–1840, Mexico, Mineral del Monte.

Viscum falcatum Schltl. & Cham., Linnaea 5: 172. 1830. {1} Prope Jalapam. Aug. {2} HAL0098471 [ST], HAL0109832 [ST]: Schiede, C.J.W. 506 b “403”, 1828-08, Mexico, Veracruz-Llave, in arboribus parasiticus prope Jalapam. {3} BM000993536; GOET005484; GOET005485; MO-216437; MO-216438.

Vismia decipiens Cham. & Schltl. (nom. illeg.), Linnaea 3: 116. 1829. {1} Brasilia tropica legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} FOBN009161 (photo in F); L0012302; P01901051. {4} Nom. illeg. according to ICN Art. 52.1.

Vismia decipiens Cham. & Schltl. var. *laurifolia* Cham. & Schltl. (nom. illeg. et inval.), Linnaea 3: 116. 1828. {1} *Symplocos pentagyna* Spreng., Syst. Veg. 3: 340. 1826. {4} Nom. inval. according to ICN Art. 35.1 and nom. illeg. according to ICN Art. 52.1.

Vismia decipiens Cham. & Schltl. var. *pyrifolia* Cham. & Schltl. (nom. inval.), Linnaea 3: 116. 1828. {1} In Brasilia tropica legit Sellow. {2} HAL0098394 [ST]: Sellow, F. s.n., 1814–1831, Brazil, Brasilia

aequinoctiali. {3} BR0000005192571; BR0000005192656; HBG517596; L0012305. {4} Nom. inval. according to ICN Art. 35.1.

Vismia humboldtiana Cham. & Schltld. (nom. nov.), *Linnaea* 3: 118. 1828. {1} Crescit ad ripam fluminis Cassiquiare. Floret Aprili. {2} Not at HAL: Humboldt, F.W.H.A. von & Bonpland, A.J.A. 1151, 17??-04, Venezuela, Amazonas, banks of Río Cassiquiare. {3} B-W14406; P00679836. {4} Nom. nov. for *Vismia latifolia* Kunth (nom. illeg., non (Aubl.) Choisy 1821), *Nov. Gen. Sp.* (quarto ed.) 5: 183. 1821 [1822].

Vismia magnoliifolia Cham. & Schltld., *Linnaea* 3: 118. 1828. {1} In Brasilia aequinoctiali legit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia aequinoctiali. {3} K000221288.

Vismia mexicana Schltld., *Linnaea* 10: 245. 1836. {1} Hacienda de la Laguna, Jul. 29. {2} HAL0098604 [ST]: Schiede, C.J.W. s.n., 1829-07, Mexico, Veracruz-Llave, Hacienda de la Laguna. HAL0098389 [ST]: Anonymous collector s.n., s.d., Mexico. {3} BM000624892; BR0000005107902; BR0000005108572; G00354963; GOET003984; HBG517599; MO-194988; NY00094359.

Vismia parviflora Cham. & Schltld., *Linnaea* 3: 119. 1828. {1} In Brasilia tropica collegit Sellow. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil, Brasilia tropica. {3} B100247495; FOBN009168 (photo in F); K000221281.

W

Weinmannia intermedia Schltld. & Cham., *Linnaea* 5: 555. 1830. {1} Cuesta grande inter Jalacingo et Huitamalco. Dec. - Specima sterilia in sylvaticis prope San Andres Aug. lecta. {2} HAL0082844 [ST]: Schiede, C.J.W. & Deppe, F. s.n. “521”, 1828-08, Mexico, in sylvaticis prope San Andres. HAL0082845 [ILT]: Schiede, C.J.W. & Deppe, F. s.n. “521”, 1828-12, Mexico, Veracruz-Llave, Cuesta grande inter Jalacingo et Huitamalco. {3} B109009922 [LT]; BR0000006991029 [ILT]; NY00356091 [ILT]; P00697253 [ILT]; U [ILT]. {4} Bernardi, L., *Candollea* 17: 123–189. 1961 designated B109009922 as LT (see also Morales, J.F., *An. Jard. Bot. Madrid* 67(2): 147. 2010).

Weldenia schultesii Schltld., *Hort. hal.* 2: 14. 1841. {1} Reperit cam beatus amicus Majo florentem in Cuesta do Catingoa et hisce verbis descripsit. {2} HAL0134508 [ST], HAL0134533 [ST]: Schiede, C.J.W. 1401, 18??-05, Mexico, Cuesto do Catingoa.

Wenderothia Schltld., *Linnaea* 12: 330. 1838.

Wenderothia discolor Schltld. (type species of genus *Wenderothia*), *Linnaea* 12: 331. 1838. {1} *Phaseolea* no. 7. Linn. 1.c. n. 654. Pr. Jalapam leg. Schiede. Aug. 28. {2} HAL0097754 [LT]: Schiede, C.J.W. 230 “654”, 1828-08, Mexico, Veracruz-Llave, prope Jalapam. {4} Cited as HT by Sauer, J.D., *Brittonia* 16: 133. 1962, which might be correct according to ICN Art 9.9, provided that this collection represents a unique specimen. Schlechtendal’s citation of “654” refers to “*Linnaea* 5: 586. 1830.”

Wigandia macrophylla Schltld. & Cham., *Linnaea* 6: 382. 1831. {1} Prope Sepillo ad flumen Tecolutense. Febr. {2} HAL0097777 [ST], HAL0107368 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1203”, 1829-02, Mexico, Prope Sepillo ad flumen Tecolutense.

Wimmeria Schltld. & Cham., *Linnaea* 6: 427. 1831.

Wimmeria concolor Schltld. & Cham. (lectotype species of the genus *Wimmeria* designated by Loesener, T., in Engler & Prantl, *Nat. Pflanzenfam.* ed. 2. 20b: 170. 1942), *Linnaea* 6: 428. 1831. {1} Prope Colipam arborescens. Mart. {2} HAL0098384 [ST]: Deppe, F. & Schiede, C.J.W. s.n., 1829-03, Mexico, prope Colipam. {4} HAL0098384 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

Wimmeria discolor Schltld. & Cham., *Linnaea* 6: 428. 1831. {1} In sylvis apricioribus Papantlae arborescens. Januar. {2} HAL0098385 [ST]: Deppe, F. & Schiede, C.J.W. s.n., 18??-01, Mexico, Veracruz-Llave, in sylvis apricioribus Papantlae arborescens. {3} F0053808F; MO-194594.

Wurmbea campanulata Willd. var. *marginata* Schltld., *Linnaea* 1: 92. 1826. {1} *Melathium wurmbeum* α et γ Thbg. fl. Cap. p. 338. {2} Not at HAL.

Wurmbea campanulata Willd. var. *unicolor* Schltld., *Linnaea* 1: 92. 1826. {1} *Melathium wurmbeum* δ Thbg. fl. Cap. p. 338? {2} Not at HAL.

Wurmbea truncata Schltld., *Linnaea* 1: 93. 1826. {1} In planitie Capensi Septembre 1817 legit Bergius, prope Rietvalley August ejusd. a. Mundt et Maire. {2} Not at HAL: Bergius, K.H. s.n., 1817-09, South Africa, Cape. Not at HAL: Mundt, J.L. & Maire, C. s.n., Aug. (1815–1830), South Africa, prope Rietvalley.

X

Xylopia parvifolia Schltld., Linnaea 9: 327. 1834. {1} Semel fructiferam reperit Sellowius speciem, [...]. {2} Not at HAL: Sellow, F. s.n., 1814–1831, Brazil. {3} B100249558; B100249559. {4} Annotated as LT [B100249558] and ILT [B100249559] of *Xylopia brasiliensis* Spreng. on the label by Dias, M.C., 1988-02. “Sellow B 1974, C 1487 (B)” [B100249558] erroneously cited as HT by Maas, P.J.M. et al., Nordic Journal of Botany 29: 326. 2011.

Xylopia trunciflora Schltld. & Cham., Linnaea 6: 417. 1831. {1} Inter Colipam et litora maris. Reg. cal. Mart. {2} HAL0076577 [ST], HAL0107394 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “1287”, 1829-03, Mexico, inter Colipam et litora maris, Reg. cal. {3} B100242356; LE00001862. {4} LT [B] designated by Maas, P.J.M. et al., Nordic Journal of Botany 29: 280. 2011, but not validly published according to ICN Art. 7.10.

Z

Zanthoxylum melanostictum Schltld. & Cham., Linnaea 5: 231. 1830. {1} Mexico [s.l.]. {2} HAL0098596 [ST], HAL0107612 [ST]: Schiede, C.J.W. 403 “502”, 1828-08, Mexico, prope San Andres. {3} BM000798288; GOET010634; NY00067202. {4} Originally published as *Xanthoxylum*.

Zornia laevis Schltld. & Cham., Linnaea 5: 582. 1830. {1} In collibus apricis prope Jalapam. Aug. {2} HAL0098427 [ST]: Deppe, F. & Schiede, C.J.W. s.n. “630”, 1828-08, Mexico, Veracruz-Llave, in collibus apricis prope Jalapam. {4} HAL0098427 could be considered as HT provided that it is indeed a unique specimen (ICN Art. 9.1, Note 1).

4.2. List of taxa erroneously ascribed to D.F.L. von Schlechtendal

There are numerous confused and misinterpreted names in literature and databases that have been erroneously assigned to D.F.L. von Schlechtendal, although the names concerned have been described or validated by other authors. These names are listed in the following chapter with references to the correct version of citation highlighted in bold. Brief explanations are added if necessary.

Acacia brachyphylla Benth. ex Schltld. incorrectly cited in Tropicos. → *Acacia brachyphylla* **Benth.**, Linnaea 26: 615. 1855.

Acacia cedroides Benth. ex Schltld. incorrectly cited in Tropicos. → *Acacia cedroides* **Benth.**, Linnaea 26: 615. 1855.

Acacia cinerea Cham. & Schltld. listed in Tropicos without any references (unpublished name).

Acacia crispula Benth. ex Schltld. incorrectly cited in Tropicos. → *Acacia crispula* **Benth.**, Linnaea 26: 606. 1855.

Acacia lineolata Benth. ex Schltld. incorrectly cited in Tropicos. → *Acacia lineolata* **Benth.**, Linnaea 26: 626. 1855.

Acacia spinosissima Benth. ex Schltld. incorrectly cited in Tropicos. → *Acacia spinosissima* **Benth.**, Linnaea 26: 621. 1855.

Agave obscura Schiede ex Schltld., Linnaea 18: 413. 1845 incorrectly cited in Tropicos and The Plant List. Schlechtendal referred to Schiede, Linnaea 5: 464. 1830 and and just repeated “n. sp.” The introduction of a new homonymous species was not intended. → *Agave obscura* **Schiede**, Linnaea 5: 464. 1830. {1} Malpays de la Joya, Juni. {2} Not at HAL: Schiede, C.J.W. s.n., 18??-06, South Africa, Malpays de la Joya. {3} BM000938055. {4} NT designated by Gentry, H.S., Agaves Cont. N. Amer. 161. 1982 [“NT: Gentry, Barclay & Arguelles 20417; 4 Sept 1963; Mexico: Veracruz: on Malpais 4–5 miles N of El Limón (RR station), alt. ca. 7800 ft (US; INT: DES, MEXU)”], NT superfluous according to ICN Art. 9.19 due to type material preserved at BM.

Acalypha filiformis Klotzsch ex Schltld. incorrectly cited in IPNI, Tropicos and The Plant List with the annotation “nom. inval., as syn. *Linostachys padifolia* Schltld.” → *Acalypha filiformis* Schltld. (**pro syn.**), pro syn. *Linostachys padifolia* Schltld., Linnaea 19: 235. 1846.

Adenandra alternifolia Cham. & Schltld. incorrectly cited in IPNI and The Plant List, but not listed in Tropicos. → *Adenandra alternifolia* **Cham.**, Linnaea 5: 52. 1830.

Adiantum cuneatum Schltld. (nom nud.), Linnaea 5: 615. 1830, incorrectly cited in Tropicos. Schlechtendal cited “W. sp. pl. p. 450, herb. no. 20096 (spec. Langsdorf), Kaulf. p. 206, Hook. et. Gev. icon. filic. t. 30. -- San Andres. Aug.”. → *Adiantum cuneatum* **Langsd. & Fisch.** (nom. illeg., non G.Forst. 1786), Pl. Voy. Russes Monde 23, pl. 26. 1810.

Aeginetia hyssopifolia Willd. ex Schltldl. incorrectly cited in Tropicos with the annotation “nom. inval., as syn. of *Bouvardia angustifolia* Kunth”. → *Aeginetia hyssopifolia* **Willd. (pro syn.)**, pro syn. *Bouvardia angustifolia* Kunth in Schltldl., Linnaea 26: 60. 1854.

Aegiphila latifolia Willd. ex Cham. & Schltldl. incorrectly cited in Tropicos. Chamisso & Schlechtendal cited this name only as a synonym of *Aegiphila macrophylla* Kunth (“Pube molli densa canescente e pilis simplicibus constante calyces ramos foliaque subtus vestiente ab *A. macrophylla* HBK. (*A. latifolia* HW. n. 2831) diversa, [...]”). → *Aegiphila latifolia* **Willd. (pro syn.)**, pro syn. *Aegiphila macrophylla* Kunth in Cham. & Schltldl., Linnaea 6: 371. 1831.

Agathosma blaerioides Cham. & Schltldl. incorrectly cited in Tropicos. → *Agathosma blaerioides* **Cham.**, Linnaea 5: 55. 1830.

Agathosma mundtii Cham. & Schltldl. incorrectly cited in Tropicos. → *Agathosma mundtii* **Cham.**, Linnaea 5: 56. 1830.

Agathosma thunbergiana Schltldl., Linnaea 6: 204. 1831 incorrectly cited in IPNI, The Plant List and Tropicos. Schlechtendal cited “B. et W. l. c. p. 150” [Bartl. & H.L. Wendl., Beitr. Bot. 1: 150. 1824], i.e. he did not publish a new homonymous species. → *Agathosma thunbergiana* **Bartl. & H.L.Wendl.**

Agropyron arizonicum Schltldl. incorrectly cited in IPNI, but without any references. → *Agropyron arizonicum* **Scribn. & J.G.Sm.**, Bull. Div. Agrostol., U.S.D.A. 4: 27. 1897.

Agropyron riparium Schltldl. incorrectly cited in IPNI without any references. → *Agropyron riparium* **Scribn. & J.G.Sm.**, Bull. Div. Agrostol., U.S.D.A. 4: 35. 1897.

Agropyron spicatum (Pursh) Scribn. & J.G.Sm. var. *molle* Schltldl. incorrectly cited in IPNI without any reference. → *Agropyron spicatum* (Pursh) Scribn. & J.G.Sm. var. *molle* **Scribn. & J.G.Sm.**, Bull. Div. Agrostol., U.S.D.A. 4: 33. 1897.

Ammannia octandra Cham. & Schltldl., Linnaea 2: 376. 1827 incorrectly cited in IPNI, The Plant List and Tropicos. Chamisso & Schlechtendal cited “L.” as author, i.e. they did not publish a new homonymous species. → *Ammannia octandra* **L.**, Suppl. Pl. 127.1782.

Ammannia sanguinolenta Cham. & Schltldl., Linnaea 5: 568. 1830 incorrectly cited in IPNI, The Plant List and Tropicos. Chamisso & Schlechtendal cited “Sw.” as author, i.e. they did not publish a new homonymous species. → *Ammannia sanguinolenta* **Sw.**, Prodr. 33. 1788.

Amyris pubescens Willd. ex Schltldl., Linnaea 16: 527. 1842 incorrectly cited in IPNI, The Plant List and Tropicos, with the annotation “nom. inval., as syn. of *Elaphrium pubescens* Schltldl.” → *Amyris pubescens* **Willd. (in herb., pro syn.)**, pro syn. *Elaphrium pubescens* Schltldl., Linnaea 16: 527. 1842.

Elaphrium aloexylon Schiede ex Schltldl. incorrectly cited in IPNI, The Plant List and Tropicos. → *Elaphrium aloexylon* **Schiede**, Linnaea 17: 252. 1843.

Elaphrium crenatum Schltldl., Linnaea 17: 629. 1843 incorrectly cited in Tropicos. → *Elaphrium cuneatum* **Schltldl.**

Amyris ventricosa La Llave ex Schltldl., Linnaea 17: 246. 1843 incorrectly cited in IPNI, The Plant List and Tropicos. → *Amyris ventricosa* **La Llave (pro syn.)**, pro syn. *Elaphrium fagaroides* Kunth in Schltldl., Linnaea 17: 246. 1843.

Anchusa ciliata Schltldl. ex Ledeb. incorrectly cited in IPNI, The Plant List and Tropicos. → *Anchusa ciliata* **Schltldl. (pro syn.)**, pro syn. *Anchusa gmelini* Ledeb. ex Spreng., Fl. Ross. 3: 118. 1847.

Anemone ranunculoides var. *gracilis* Schltldl. incorrectly cited in Tropicos. → *Anemone ranunculoides* var. *gracilis* **Cham.**, Linnaea 6: 574. 1831.

Anisolotus Bernh. ex Schltldl., Linnaea 12 (Litt.): 75. 1838 incorrectly cited in Tropicos. → *Anisolotus* **Bernh.**, Del. Sem. Hort. Erfurt. 1837: [3]. 1837.

Aponogeton crinifolium Lehm. ex Schltldl., Linnaea 10 (Litt.): 76. 1836 incorrectly cited in The Plant List and Tropicos. → *Aponogeton crinifolium* **Lehm.**, Del. Sem. Hort. Hamburg: 7. 1833.

Aponogeton junceus Lehm. ex Schltldl., Linnaea 10 (Litt.): 76. 1836 incorrectly cited in The Plant List and Tropicos. → *Aponogeton junceus* **Lehm.**, Del. Sem. Hort. Hamburg: 7. 1833.

Aquilegia thalictroides Schltldl., Linnaea 6: 581. 1831 incorrectly cited in IPNI, The Plant List and Tropicos. → *Aquilegia thalictroides* **D.F.K.Schltldl. (pro syn.)**, pro syn. *Aquilegia parviflora* Ledeb. in Cham., Linnaea 6: 581. 1831.

Arabis ambigua var. *intermedia* Cham. & Schltldl., Linnaea 1: 16. 1826 incorrectly cited in IPNI. Chamisso & Schlechtendal cited “DC.” as author, i.e. they did not publish. a new homonymous varietas. → *Arabis ambigua* var. *intermedia* **DC.**, Syst. Nat. 2: 231. 1821.

- Arbutus arguta* Zucc. ex Schldtl., *Linnaea* 12 (Litt.): 86. 1838 incorrectly cited in *Tropicos*, with annotation “nom. inval., as syn.” → *Comarostaphylis arguta* **Zucc.**, *Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.* 2: 332. 1837, pro syn. *Comarostaphylis* Zucc., *Hort. reg. Monac.* 1836: 5. 1836.
- Ardisia revoluta* Schldtl. *Linnaea* 5: 125. 1830 incorrectly cited in *Tropicos*. Schlechtendal cited “Kunth” as author, i.e. he did not publish a new homonymous species. → *Ardisia revoluta* **Kunth**, *Nov. Gen. Sp.* (quarto ed. 3(11): 246. 1818 [1819].
- Arenaria biebersteinii* Schldtl. incorrectly cited in *Tropicos* and *The Plant List*. → *Arenaria biebersteinii* **D.F.K.Schldtl.**, *Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin* 7: 202. 1816.
- Arenaria glabrata* Cham. & Schldtl., *Linnaea* 1: 56. 1826 incorrectly cited in *IPNI*, *Tropicos* and *The Plant List*. → *Arenaria hirta* Wormsk. **var. glabrata** Cham. & Schldtl. (nom. inval., ICN Art. 35.1.).
- Arenaria macrotheca* Hornem. ex Cham. & Schldtl., *Linnaea* 1: 53. 1826 incorrectly cited in *IPNI*, *Tropicos* and *The Plant List*. → *Arenaria macrotheca* **Hornem. (pro syn.)**, pro syn. *Arenaria rubra* L. in Cham. & Schldtl., *Linnaea* 1: 53. 1826.
- Arenaria uliginosa* Schleich. ex Schldtl. (nom. illeg.) incorrectly cited in *Tropicos*. → *Arenaria uliginosa* Schleich. ex **D.F.K.Schldtl.** (nom. illeg.), *Mag. Neuesten Entdeck. Gesammten Naturk. Ges. Naturf. Freunde Berlin* 7(3): 207. 1816.
- Aristolochia fimbriata* Cham. & Schldtl. incorrectly cited in *Tropicos*. → *Aristolochia fimbriata* **Cham.**, *Linnaea* 7: 210. 1832.
- Baccharis philippensis* Less. ex Schldtl. & Cham., *Linnaea* 5: 147. 1830 incorrectly cited in *Tropicos* and *The Plant List*. Lessing is the author of the paper concerned. However, this name cannot be ascribed to Lessing. He cited “DC.” as author → *Baccharis philippensis* **Kunth**, *Nov. Gen. Sp.* 4(14): 43 (ed. fol.). 1818.
- Banisteria tomentosa* Schldtl., *Linnaea* 10: 244. 1836 incorrectly cited in *IPNI*, *Tropicos* and *The Plant List*. Schlechtendal cited “Desf. ex DC.” Thus, this name cannot be ascribed to Schlechtendal. → *Banisteria tomentosa* **Desf. ex DC.**, *Prodr.* 1: 589. 1824.
- Barosma pulchra* Cham. & Schldtl. incorrectly cited in *Tropicos*. → *Barosma pulchra* **Cham.**, *Linnaea* 5: 53. 1830.
- Begonia martiana* Schldtl., *Linnaea* 5: 604. 1830 incorrectly cited in *IPNI*, *Tropicos* and *The Plant List*. Schlechtendal cited “Link & Otto” as authors, i.e. he did not publish a new homonymous species. → *Begonia martiana* **Link & Otto**, *Icon. Pl. Rar.* 5: 49, t. 25. 1829.
- Begonia peponifolia* hort. ex Schldtl., *Linnaea* 24: 180. 1851 incorrectly cited in *Tropicos*. → *Begonia peponifolia* **Vis.** (nom. illeg.), *Ind. Sem. Hort. Patav.*: 4. 1847.
- Bowlesia grandifolia* Cham. & Schldtl. incorrectly cited in *Tropicos* and *The Plant List*. → *Bowlesia geraniifolia* Cham. & Schldtl., *Linnaea* 1: 382. 1826.
- Buchnera elongata* var. *pilosa* Schldtl., *Linnaea* 8: 245. 1833 incorrectly cited in *IPNI*, *Tropicos* and *The Plant List*. Name published in *Linnaea* 8: 245. 1833 as *Buchnera elongata* Sw. without any reference to “*pilosa*”. *B. pilosa* Benth. was validated with reference to Schlechtendal’s (l.c.) description. → *Buchnera pilosa* **Benth.**, *Bot. Voy. Sulphur*: 144. 1845.
- Buddleja cuneata* Cham. & Schldtl. incorrectly cited in *Tropicos*. → *Buddleja cuneata* **Cham.**, *Linnaea* 8: 17. 1833.
- Buddleja vetula* Cham. & Schldtl. incorrectly cited in *Tropicos*. → *Buddleja vetula* **Cham.** *Linnaea* 8: 18. 1833.
- Caladenia metzianus* Schldtl. incorrectly cited in *Tropicos* and *The Plant List*. → *Calamus metzianus* Schldtl., *Linnaea* 26: 727. 1855.
- Campanula redowskiana* Cham. & Schldtl., *Linnaea* 4: 41. 1829 incorrectly cited in *IPNI*, *Tropicos* and *The Plant List*. → *Campanula redowskiana* **Cham. (pro syn.)**, pro syn. *Campanula homallanthina* Ledeb. in Cham., *Linnaea* 4: 41. 1829.
- Carex bonariensis* Schldtl., *Linnaea* 10: 116. 1836 incorrectly cited in *IPNI*, *Tropicos* and *The Plant List*. Schlechtendal cited “Desf. ex Poir.” as authors, i.e. he did not publish a new homonymous species. → *Carex bonariensis* **Desf. ex Poir.**, *Encycl., Suppl.* 3: 250. 1813.
- Carex muricata* Schldtl., *Linnaea* 6: 29. 1831 incorrectly cited in *Tropicos* and *The Plant List*. Schlechtendal cited “L.” as author, i.e. he did not publish a new homonymous species. → *Carex muricata* **L.**, *Sp. Pl.* 2: 974. 1753.
- Cassia propinqua* Cham. & Schldtl., *Linnaea* 5: 599. 1830 incorrectly cited in *IPNI* and *Tropicos*. Schlechtendal & Chamisso cited “Kunth” as author, i.e. they did not publish a new homonymous species. → *Cassia propinqua* **Kunth**, *Nov. Gen. Sp.* (quarto ed.) 6: 369. 1823.

Cassia tristicula Cham. & Schltl., Linnaea 5: 599. 1830 incorrectly cited in Tropicos. Schlechtendal & Chamisso cited “Kunth” as author, i.e. they did not publish a new homonymous species. → *Cassia tristicula* **Kunth**, Nov. Gen. Sp. (quarto ed.) 6: 367. 1823.

Castilleja tolucensis Cham. & Schltl., Linnaea 2: 579. 1827 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Kunth” as author, i.e. they did not publish a new homonymous species. → *Castilleja tolucensis* **Kunth**, Nov. Gen. Sp. 2: 329. 1818.

Casuarina nana Schltl., Linnaea 20: 574. 1847 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Spreng.” as author, i.e. he did not publish a new homonymous species. → *Casuarina nana* **Sieber ex Spreng.**, Syst. Veg. 3: 804. 1826.

Cenchrus catharticus Schltl., Linnaea 13 (Lit.): 103. 1839 incorrectly cited in Tropicos and The Plant List. → *Cenchrus catharticus* **Delile**, Index Seminum [Montpellier] 1838: 4. 1838, later reprinted in Linnaea 13 (Lit.): 103. 1839.

Cerastium arvense Cham. & Schltl., Linnaea 5: 233. 1830 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “L.” as authors, i.e. he did not publish a new homonymous species. → *Cerastium arvense* **L.**, Sp. Pl. 1: 438. 1753.

Cestrum cyaneum Schltl. incorrectly cited in Tropicos. → *Cestrum cyaneum* (**Lindl.**) **Schltl.**, Linnaea 19: 263. 1846; = *Habrothamnus cyaneus* Lindl., Edwards's Bot. Reg. 30 (Misc.): 72. 1844.

Cestrum paniculatum Schltl., Linnaea 19: 262. 1847 incorrectly cited in IPNI, Tropicos and The Plant List. → *Cestrum paniculatum* (**M.Martens & Galeotti**) **Schltl.** (nom. illeg., non Kunth 1818); = *Habrothamnus paniculatus* M.Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 12(2): 148. 1845; = *Cestrum sylvaticum* Dunal (nom. nov.), Prodr. 13: 603. 1852.

Chaetogastra scabriuscula Schltl., Linnaea 13: 431. 1839 incorrectly cited in IPNI, Tropicos and The Plant List. → **Rhexia scabriuscula** Schltl.

Chaetospora aurea (Vahl) Jungh. ex Cham. & Schltl., Linnaea 6: 28. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited Kunth as author, i.e. they did not publish a new homonymous species. → *Chaetospora aurea* (Vahl) **Kunth**, Nov. Gen. Sp. (quarto ed.) 1: 231. 1816.

Chaetospora ferruginea Jungh. ex Cham. & Schltl., Linnaea 6: 28. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Kunth” as author, i.e. they did not publish a new homonymous species. → *Chaetospora ferruginea* **Kunth**, Nov. Gen. Sp. (quarto ed.) 1: 230. 1816.

Chaetospora schiedeana “Schltl.”, “Linnaea 6: 28. 1831” incorrectly cited in Tropicos and The Plant List. Name not published by Schlechtendal in the cited Linnaea, a corresponding other publication was not found.

Chaetospora triceps Cham. & Schltl. incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Vahl.” as basionym author. → *Chaetospora triceps* (**Vahl**) **Cham. & Schltl.**, Linnaea 6: 29. 1831; = *Schoenus triceps* Vahl, Eclog. Amer. 2: 4. 1798.

Cheilanthes arthrisifolia Schltl., Adumbr. Pl. 5: 52, pl. 32. 1832 incorrectly cited in Tropicos and The Plant List. Schlechtendal cited “Willd.” as author, i.e. he did not publish a new homonymous species. → *Cheilanthes arthrisifolia* **Willd.**, Sp. pl., ed. 4, 5: 461. 1810.

Chironia nudicaulis var. *elongata* Schltl. & Cham. incorrectly cited in Tropicos. → *Chironia nudicaulis* var. *elongata* **Cham.**, Linnaea 6: 344. 1831.

Chloamnia Schltl., Linnaea 8 (Litt.): 85. 1833 incorrectly cited in Tropicos. → *Chloamnia* **Raf.**, Neogenyton 4. 1825.

Clethra brasiliensis Cham. & Schltl. incorrectly cited in IPNI, Tropicos and The Plant List. → *Clethra brasiliensis* **Cham.**, Linnaea 8: 510. 1833.

Clethra tinifolia Schltl., Linnaea 8: 524. 1833 incorrectly cited in IPNI and Tropicos. Schlechtendal cited “Sw.” as author, i.e. he did not publish a new homonymous species. → *Clethra tinifolia* **Sw.**, Prodr. 74. 1788.

Cnidoscolus michauxii Cham. & Schltl., Linnaea 5: 87. 1830 incorrectly cited in Tropicos and The Plant List. Schlechtendal & Chamisso cited “P[ohl]” as author, i.e. they did not publish a new homonymous species. → *Cnidoscolus michauxii* **Pohl** (nom. illeg. superfl.), Pl. Bras. Icon. Descr. 1: 62. 1827.

Coccocypselum canescens Willd. ex Cham. & Schltl., Linnaea 4: 139. 1829 incorrectly cited in Tropicos. Schlechtendal & Chamisso cited “Roem. & Schult.”, as authors, i.e. they did not publish a new homonymous species. → *Coccocypselum canescens* Willd. ex **Roem. & Schult.**, Mant. 3: 130. 1827.

Colocynthis amarissima Schltl., Linnaea 10 (Litt.): 70. 1836 incorrectly cited in Tropicos and The Plant List. In Linnaea 10 (Litt.) there is only an unchanged copy of “Ind. Sem. Hort. Gotting. (1833).” → *Colocynthis amarissima* **Schrad.**, Ind. Sem. Hort. Gotting. (1833): 2. 1833.

- Commelina pallida* Schltld., Linnaea 26: 454. 1855 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Willd.” as author, i.e. he did not publish a new homonymous species. → *Commelina pallida* **Willd.**, Hort. Berol. 2: 87, t. 87. 1816.
- Corallorhiza intacta* Cham. & Schltld., Linnaea 3: 35. 1828 incorrectly cited in IPNI, Tropicos and The Plant List. Chamisso & Schlechtendal cited “R. Br.” (orthographic error of *Corallorhiza innata* R.Br.)] as author, i.e. they did not publish a new homonymous species. → *Corallorhiza innata* **R.Br.**, Hort. Kew., ed. 2 5: 209. 1813.
- Cordia discolor* Cham. & Schltld. incorrectly cited in Tropicos. → *Cordia discolor* **Cham.**, Linnaea 4: 482. 1829.
- Cordia patens* f. *monocephala* Cham. & Schltld., incorrectly cited in IPNI and Tropicos, also cited as var., but described by Chamisso as forma. → *Cordia patens* f. *monocephala* **Cham.**, Linnaea 4: 486. 1829.
- Cordia patens* f. *polycephala* Cham. & Schltld., incorrectly cited in IPNI and Tropicos, also cited as var., but described by Chamisso as forma. → *Cordia patens* f. *polycephala* **Cham.**, Linnaea 4: 486. 1829.
- Cordia tomentosa* Cham. & Schltld., incorrectly cited in Tropicos. → *Cordia tomentosa* **Cham.**, Linnaea 4: 472. 1829.
- Cornus circinnata* Cham. & Schltld., Linnaea 3: 139. 1828 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Hérit?” [L’Héritier] as author, i.e. they did not publish a new homonymous species. → *Cornus circinnata* **L’Hér.**, Cornus: 7. 1788.
- Croton albicans* Willd. ex Schltld., Linnaea 6: 634. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. → *Croton albicans* **Willd. (pro syn.)**, pro syn. *Croton cortesianus* Kunth in Schltld., Linnaea 6: 634. 1831.
- Croton fragilis* Schltld., Linnaea 26: 633. 1855 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Kunth” as author, i.e. he did not publish a new homonymous species. → *Croton fragilis* **Kunth**, Nov. Gen. Sp. (quarto ed.) 2: 75. 1817.
- Croton pulcherrimus* Willd. ex Schltld., Linnaea 6: 361. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. → *Croton pulcherrimus* **Willd. (pro syn.)**, pro syn. *Croton penicillatum* Vent. in Schltld., Linnaea 6: 361. 1831.
- Croton pycnophyllus* Salzm. ex Schltld., Linnaea 19: 245. 1846 incorrectly cited in IPNI, Tropicos and The Plant List. → *Julocroton pycnophyllus* Schltld. (**nom. inval.**), Linnaea 19: 245. 1846, nom. inval. according to ICN Art. 38.1; ≡ *Julocroton pycnophyllus* Schltld. ex Müll.Arg., Prodr. 15: 705. 1866.
- Cryptandra propinqua* Schltld., Linnaea 20: 638. 1847 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “A. Cunn. ex Fenzl” as author, i.e. he did not publish a new homonymous species. → *Cryptandra propinqua* **A.Cunn. ex Fenzl**, Enum. Pl. Hügel: 23. 1837.
- Cucubalus congestus* Willd. ex Cham. & Schltld., Linnaea 1: 39. 1826 incorrectly cited in IPNI, Tropicos and The Plant List. → *Cucubalus congestus* **Willd. (pro syn.)**, pro syn. *Silene crysophila* Desf. in Cham. & Schltld., Linnaea 1: 39. 1826.
- Cupaniopsis calaminthaefolia* Schltld., Linnaea 12: 274. 1838 incorrectly cited in Tropicos and The Plant List. → *Cuphea calaminthifolia* Schltld.
- Cupaniopsis calophylla* Cham. & Schltld., Linnaea 2: 361. 1827 incorrectly cited in Tropicos and The Plant List. → *Cuphea calophylla* Cham. & Schltld.
- Cuphea aspera* Willd. ex Schltld. & Cham., Linnaea 5: 569. 1830 incorrectly cited in IPNI, Tropicos and The Plant List. → *Cuphea aspera* **Willd. (pro syn.)**, pro syn. *Cuphea scabrada* Kunth in Schltld. & Cham., Linnaea 5: 569. 1830.
- Cupressus thurifera* Schltld., Linnaea 12: 493. 1838 incorrectly cited in Tropicos and The Plant List. Schlechtendal cited “Kunth” as author, i.e. he did not publish a new homonymous species. → *Cupressus thurifera* **Kunth**, Nov. Gen. Sp. (quarto ed.) 2: 3. 1817.
- Deianira erubescens* var. *palescens* Schltld. & Cham. (without any reference) incorrectly cited in Tropicos. → *Deianira erubescens* var. *palescens* (Schltld.) **Progel**, Fl. Bras. 6(1): 201. 1865.
- Delphinium pauciflorum* Rchb. ex Schltld., Linnaea 6: 582. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. → *Delphinium pauciflorum* **Rchb. (nom. nud.)** in Schltld., Linnaea 6: 582. 1831.
- Desmodium brachystachyum* Schltld., Linnaea 12: 321. 1838 incorrectly cited in IPNI, Tropicos and The Plant List. → *Desmodium polystachyum* Schltld., Linnaea 12: 321. 1838.
- Dioscorea macrophylla* Schltld., Bot. Zeitung (Berlin) 1: 889. 1843 incorrectly cited in Tropicos. Schlechtendal cited “M. Martens & Galeotti” as authors, i.e. he did not publish a new homonymous

species. → *Dioscorea macrophylla* **M.Martens & Galeotti**, Bull. Acad. Roy. Sci. Bruxelles 9: 392. 1842.

Dodonaea cestroides Sieber ex Schltldl., Linnaea 17: 640. 1843 incorrectly cited in IPNI, Tropicos and The Plant List. → *Dodonaea cestroides* Sieber (nom. nud.) in Schltldl., Linnaea 17: 640. 1843.

Elaeagnus grandifolia Bojer ex Schltldl., Prodr. 14: 612. 1857 incorrectly cited in IPNI, Tropicos and The Plant List. → *Elaeagnus grandifolia* **Bojer (pro syn.)**, pro syn. *Elaeagnus conferta* Roxb. in Schltldl. Prodr. 14: 612. 1857.

Elaphrium aloexylon Schiede ex Schltldl. incorrectly cited in IPNI, Tropicos and The Plant List. → *Elaphrium aloexylon* **Schiede**, Linnaea 17: 252. 1843.

Elaphrium crenatum Schltldl. incorrectly cited in Tropicos. → *Elaphrium cuneatum* Schltldl., Linnaea 17: 629. 1843.

Endodaca Schltldl., Linnaea 9 (Lit.): 98. 1834 incorrectly cited in IPNI and Tropicos. → **Endodaca Raf.** Med. Fl. 1: 62. 1828, reprinted and translated in Linnaea 9 (Lit.): 98. 1834.

Eriocaulon benthamii Schltldl., Linnaea 18: 434. 1845 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Kunth” as author, i.e. he did not publish a new homonymous species. → *Eriocaulon benthamii* **Kunth**, Enum. Pl. 3: 545. 1841.

Eriocaulon microcephalum Cham. & Schltldl., Linnaea 6: 43. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Kunth” as author, i.e. they did not publish a new homonymous species. → *Eriocaulon microcephalum* **Kunth**, Nov. Gen. Sp. (quarto ed.) 1: 253. 1816.

Eryngium divaricata Schltldl. incorrectly cited in Tropicos and The Plant List. → **Erythraea divaricata W.Schaffn. ex Schltldl.**, Bot. Zeitung (Berlin) 13: 920. 1855.

Eryngium eriophorum var. *vegetius* Cham. & Schltldl. incorrectly cited in Tropicos. → *Eryngium eriophorum* **f. vegetius Cham.**, Linnaea 8: 325. 1833.

Eryngium stricta Schltldl., Bot. Zeitung (Berlin) 13: 918. 1855 incorrectly cited in Tropicos and The Plant List. Schlechtendal cited “Schiede” as author, i.e. he did not publish a new homonymous species. → *Erythraea stricta* **Schiede**, Periód. Acad. Med. Méjico 1: 14–15. 1836.

Erythraea inaperta Schltldl., Fl. Berol. 1: 131. 1823 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Kunth” [“K. b. p. 65.” (Kunth, C.S., Fl. berol.: 65. 1813.)] as author, i.e. he did not publish a new homonymous species. → *Erythraea inaperta* (**Willd.**) **Kunth**, Fl. berol.: 65. 1813; = *Chironia inaperta* Willd., Sp. pl. 1: 1068. 1798.

Erythraea stricta **Schiede**, Periód. Acad. Med. Méjico 1: 11. 1836. Material of *E. stricta* deposited under HAL0034829 [Schaffner, J.W. 80 s.d., Mexico, Veracruz-Llave, prope Huatusco] does not represent type material (see Schlechtendal, D.F.L. von, Bot. Zeitung 13: 919. 1855). The misinterpretation of this name as “Schiede ex Schltldl.” traced probably back to an annotation by C.R. Broome 1974.

Erythraea tetramera **Schiede**, Periód. Acad. Med. Méjico 1: 11. 1836. Material of *E. stricta* deposited under HAL0034830 [Schaffner, J.W. s.n., 1853-07, Mexico, Morelos, Cuernavaca] does not represent type material (see Schlechtendal, D.F.L. von, Bot. Zeitung 13: 919. 1855). The misinterpretation of this name as “Schiede ex Schltldl.” traced probably back to an annotation by C.R. Broome 1974.

Esterhazyia macrodonta Cham. & Schltldl. incorrectly cited in IPNI and Tropicos. → **Gerardia macrodonta Cham.**, Linnaea 8: 26. 1833.

Euchlaene Schltldl., Linnaea 8 (Lit.): 25. 1833 incorrectly cited in IPNI and Tropicos. → **Euchlaena Schrad.**, Index Sem. (Gottingen) 1832: 3. 1832.

Eugenia cordata var. *parvifolia* Schltldl. incorrectly cited in IPNI and Tropicos. → *Eugenia buxifolia* var. *parvifolia* Schltldl., Linnaea 5: 199. 1830.

Euphorbia androsaemifolia Willd. ex Schltldl. incorrectly cited in Tropicos. → *Euphorbia androsaemifolia* **Willd.**, Enum. Pl. Suppl.: 27. 1814.

Euphorbia graminea Schltldl. & Cham., Linnaea 5: 83. 1830 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Jacq.” as author, i.e. they did not publish a new homonymous species → *Euphorbia graminea* **Jacq.**, Select. Stirp. Amer. Hist. 151. 1763.

Ficus prinoides Cham. & Schltldl., Linnaea 6: 357. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Willd.” as author, i.e. they did not publish a new homonymous species → *Ficus prinoides* Humb. & Bonpl. ex **Willd.**, Sp. Pl. 4: 1149. 1806.

Fumaria ambigua Pall. ex Cham. & Schltldl. incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited *Fumaria ambigua* Pall. (in herb.). → **Corydalis ambigua** Cham. & Schltldl., Linnaea 1: 558. 1826.

- Galactia dubia* Schltld., Linnaea 5: 178. 1830 incorrectly cited in Tropicos and The Plant List. Schlechtendal cited DC. as author, i.e. he did not publish a new homonymous species. → *Galactia dubia* DC., Prodr. 2: 238. 1825.
- Galium obovatum* Schltld. & Cham., Linnaea 5: 164. 1830 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Kunth” as author, i.e. he did not publish a new homonymous species. → *Galium obovatum* Kunth, Nov. Gen. Sp. (quarto ed.) 3: 336, t. 277. 1819.
- Gaylussacia buxifolia* Cham. & Schltld., Linnaea 1: 528. 1826 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Kunth” as author, i.e. he did not publish a new homonymous species. → *Gaylussacia buxifolia* Kunth, Nov. Gen. Sp. (quarto ed.) 3: 276, t. 257. 1819.
- Gentiana gracilis* Cham. & Schltld., Linnaea 1: 176. 1826 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited *G. gracilis* only in notes under *G. rurikiana*. → *Gentiana rurikiana* Cham. & Schltld., Linnaea 1: 176. 1826.
- Gentiana plebeja* Cham. & Schltld., Linnaea 1: 181. 1826 incorrectly cited in Tropicos and The Plant List. → *Gentiana plebeja* Cham. (in herb., pro syn.), pro syn. *Gentiana amarella* L. in Cham. & Schltld., Linnaea 1: 181. 1826.
- Gerontogea biflora* Cham. & Schltld. incorrectly cited in IPNI, Tropicos and The Plant List. → *Gerontogea biflora* (L.) Cham. & Schltld., Linnaea 4: 155. 1829. ≡ *Oldenlandia biflora* L., Sp. Pl. 1: 119. 1753.
- Gerontogea racemosa* Cham. & Schltld. incorrectly cited in IPNI and Tropicos. → *Gerontogea racemosa* (Lam.) Cham. & Schltld., Linnaea 4: 154. 1829; ≡ *Hedyotis racemosa* Lam., Tabl. Encycl. 3: 80. 1789.
- Grumilea patens* Schltld. ex Hook.f. incorrectly cited in IPNI, Tropicos and The Plant List. → *Grumilea patens* Schltld. (pro syn.), pro syn. *Psychotria congesta* Spreng. ex DC. in Hooker, J.D., Fl. Brit. India 3: 162. 1880.
- Gyrocarpus jacquinii* var. *schiedei* Schltld. incorrectly cited in Tropicos. → *Gyrocarpus americanus* var. *schiedei* Schltld., Linnaea 16: 399. 1842.
- Haloragis teucroides* Schltld. incorrectly cited in Tropicos. → *Haloragis teucroides* (DC.) Schltld., Linnaea 20: 648. 1847; ≡ *Gonocarpus teucroides* DC., Prodr. 3: 66. 1828.
- Hedysarum multiflorum* Willd. ex Cham. & Schltld., Linnaea 5: 586. 1830 incorrectly cited in Tropicos and The Plant List. → *Hedysarum multiflorum* Willd. (in herb., pro syn.), pro syn. *Hedysarum cajanifolium* Kunth sub *Desmodium plicatum* Schltld. & Cham. in Linnaea 5: 586. 1830.
- Heliconia hirsuta* Schltld. & Cham., Linnaea 6: 56. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “L.f.” as author, i.e. they did not publish a new homonymous species → *Heliconia hirsuta* L.f., Suppl. Pl. 158. 1782.
- Heliotropium monostachyum* Cham. & Schltld. incorrectly cited in Tropicos. → *Heliotropium monostachyum* Cham., Linnaea 4: 455. 1829.
- Hermannia collina* Schltld. incorrectly cited in Tropicos and The Plant List without reference. → *Hermannia collina* Schltr. (nom. illeg., non Eckl. & Zeyh. 1835) in Engler, A., Bot. Jahrb. Syst. 55: 374. 1919.
- Hermannia leucantha* Schltld. incorrectly cited in Tropicos and The Plant List without reference. → *Hermannia leucantha* Schltr. in Engler, A., Bot. Jahrb. Syst. 55: 374. 1919.
- Herpestis diffusa* Willd. ex Cham. & Schltld., Linnaea 3: 6. 1828 incorrectly cited in IPNI, Tropicos and The Plant List. → *Herpestis diffusa* Willd. (pro syn.), pro syn. *Stemodia parviflora* W.T. Aiton in Linnaea 3: 7. 1828.
- Herpestis obovata* Poepp. & Schltld. ex Cham., Linnaea 5: 107. 1830 incorrectly cited in IPNI, Tropicos and The Plant List. → *Herpestis obovata* Poepp. (pro syn.), pro syn. *Herpestis repens* (Sw.) Schltld. & Cham. in Linnaea 5: 107. 1830.
- Hydrocotyle quinqueloba* var. *glabra* Cham. & Schltld. incorrectly cited in Tropicos. → *Hydrocotyle quinqueloba* var. *glabra* Cham., Linnaea 8: 329. 1833.
- Hydrotrida* Willd. ex Schltld. & Cham., Linnaea 5: 107. 1830 incorrectly cited in IPNI and Tropicos. → *Hydrotrida* Willd. (pro syn.), pro syn. *Herpestis repens* (Sw.) Cham. & Schltld. in Schltld. & Cham., Linnaea 5: 107. 1830.
- Hydrotrida beccabunga* Willd. ex Schltld. & Cham., incorrectly cited in IPNI and Tropicos. → *Hydrotrida beccabunga* Willd. (pro syn.), pro syn. *Herpestis repens* (Sw.) Cham. & Schltld. in Schltld. & Cham., Linnaea 5: 107. 1830.

Ipomoea lilacina Schltld. incorrectly cited in IPNI and Tropicos. → *Pharbitis lilacina* Schltld. ex **Kunze**, *Linnaea* 20: 31. 1847.

Karwinskia biniflora Schltld. incorrectly cited in IPNI, Tropicos and The Plant List. → *Karwinskia biniflora* (**DC.**) **Schltld.**, *Linnaea* 15: 460. 1841.

Knoxia wightiana Schltld. ex Hook.f., *Fl. Brit. India* 3: 51. 1880 incorrectly cited in IPNI, Tropicos and The Plant List. → *Knoxia wightiana* **Schltld. (pro syn.)**, pro syn. *Hedyotis stylosa* Br. in Hook.f., *Flora Brit. India*. 3: 51. 1880.

Kyllinga hortensis Salzm. ex Schltld., *Bot. Zeitung (Berlin)* 7: 117. 1849 incorrectly cited in IPNI, Tropicos and The Plant List. → *Kyllinga hortensis* **Salzm. (pro. syn.)**, pro syn. *Kyllinga odorata* Vahl in Schltld., *Bot. Zeitung (Berlin)* 7: 117. 1849.

Lacis foeniculacea (Bonpl.) Schltld. & Cham., *Linnaea* 6: 42. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Mart.” as author as author, i.e. they did not publish a new homonymous species. → *Lacis foeniculacea* (**Bonpl.**) **Mart.**, *Nov. Gen. Sp. Pl.* 1: 6. 1824.

Lathyrus mexicanus Schltld., *Linnaea* 12 (Litt.): 85. 1838 incorrectly cited in IPNI, Tropicos and The Plant List. → *Lathyrus mexicanus* **Wender.** [= G.W.F. Wenderoth], *Ind. Sem. Hort. Marb.* 1837: 4. 1837.

Lindleya schiedeana Schltld., *Linnaea* 13: 404. 1839 incorrectly cited in Tropicos and The Plant List. In *Linnaea* 13: 404. 1839 there is only a reference to Mexican collections of *Lindleya mespiloides* Kunth, *Nov. Gen. Sp. (quarto ed.)* 6: 239. 1824. Rydberg, P.A., *N. Amer. Fl.* 22(3): 259. 1908 cited “*Lindleya mespiloides* Schltld., non Kunth, *Linnaea* 13: 404. 1839.” → *Lindleyella schiedeana* **Rydb.**, *N. Amer. Fl.* 22(3): 259. 1908.

Listera eschscholziana Cham. & Schltld., incorrectly cited in IPNI, Tropicos and The Plant List. → *Listera eschscholziana* **Cham.**, *Linnaea* 3: 33. 1828.

Loranthus oleifolius Cham. & Schltld. incorrectly cited in IPNI. → *Loranthus oleifolius* (**J.C.Wendl.**) **Cham. & Schltld.**, *Linnaea* 3: 209. 1828.

Lycopodium circinale Cham. & Schltld., *Linnaea* 5: 622. 1830 incorrectly cited in Tropicos and The Plant List. Schlechtendal & Chamisso cited “L.” as author, i.e. they did not publish a new homonymous species. → *Lycopodium circinale* **L.**, *Syst. Veg.*, ed. 13. 794. 1774.

Lycopodium serpens Cham. & Schltld., *Linnaea* 5: 622. 1830 incorrectly cited in Tropicos. Schlechtendal cited “Desv.”, i.e. he did not publish a new homonymous species. → *Lycopodium serpens* **Desv. ex Poir.**, *Encycl.*, *Suppl.* 3: 553. 1814.

Lycopodium stoloniferum Cham. & Schltld., *Linnaea* 5: 622. 1830 incorrectly cited in Tropicos. Schlechtendal & Chamisso cited “Sw.” as author, i.e. they did not publish a new homonymous species. → *Lycopodium stoloniferum* **Sw.**, *Prodr.* 138. 1788.

Lycopodium subrum Schltld. & Cham. incorrectly cited in Tropicos and The Plant List. This is an orthographic error. → *Lycopodium rubrum* Schltld. & Cham., *Linnaea* 8: 389. 1833.

Malaxis diphyllus Cham. & Schltld. incorrectly cited in IPNI and Tropicos. → *Malaxis diphyllus* **Cham.**, *Linnaea* 3: 34. 1828.

Manettia multiflora Cham. & Schltld. incorrectly cited in Tropicos. → *Manettia multiflora* **Cham.**, *Linnaea* 9: 243. 1834.

Melaleuca paludosa Schltld., *Linnaea* 20: 653. 1847 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “R. Br.” as author, i.e. he did not publish a new homonymous species. → *Melaleuca paludosa* **R.Br.**, *Hort. Kew.* 4: 410. 1812.

Melilotus heterophyllus Schltld. incorrectly cited in Tropicos and The Plant List. → *Melilotus heterophyllus* **Scheele**, *Linnaea* 21: 571. 1848.

Metastelma parviflorum Schltld., *Linnaea* 6: 731. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “R. Br.” as author, i.e. he did not publish a new homonymous species. → *Metastelma parviflorum* (**Sw.**) **R.Br. ex Schult.**, *Syst. Veg.* (ed. 15 bis) 6: 120. 1820.

Metternichia wercklei Schltld. incorrectly cited in Tropicos without reference. → *Metternichia wercklei* **K.Schum. ex Bois**, *Rev. Hort.* 82(7): 149. 1910.

Miconia lineata Schltld. incorrectly cited in IPNI, Tropicos and The Plant List. → *Melastoma lineatum* Schltld., *Linnaea* 13: 423. 1839.

Miconia sylvatica Schltld. incorrectly cited in IPNI and Tropicos. → *Melastoma sylvaticum* Schltld., *Linnaea* 13: 422. 1839.

Microlicia insignis Schltld. incorrectly cited in Tropicos and The Plant List. → *Microlicia insignis* **Cham.**, *Linnaea* 9: 388. 1834.

- Micromeria serpyllifolia* Schltl. incorrectly cited in Tropicos. → *Micromeria serpyllifolia* **Scheele**, Linnaea 22: 593. 1849.
- Mitracarpus squarrosus* Cham. & Schltl. incorrectly cited in Tropicos. → *Mitracarpus squarrosus* (**Poepp. ex Cham. & Schltl.**) **DC.**, Prodr. 4: 573. 1830. ≡ *Spermacoce squarrosa* Poepp. ex Cham. & Schltl., Linnaea 3: 363. 1828.
- Moronobea globulifera* Schltl. incorrectly cited in IPNI. → *Moronobea globulifera* (**L.f.**) **Schltl.**, Linnaea 8: 190. 1833. ≡ *Symphonia globulifera* L.f., Suppl. Pl.: 302. 1782.
- Myrica humilis* Cham. & Schltl. incorrectly cited in IPNI, Tropicos and The Plant List. → *Myrica humilis* **Cham.**, Linnaea 6: 535. 1831.
- Myrsine undulata* Schltl., Prodr. 14: 615. 1857 incorrectly cited in Tropicos. → *Myrsine undulata* (**sine auct., pro syn.**), pro syn. *Shawia paniculata* Forst. in Ind. Sem. Hort. Genuens. (1855): 14. 1855.
- Ocotea mollis* Cham. & Schltl., Linnaea 6: 366. 1831 incorrectly cited in Tropicos. Schlechtendal & Chamisso cited “Kunth” as author, i.e. they did not publish a new homonymous species. → *Ocotea mollis* **Kunth**, Nov. Gen. Sp. (quarto ed.) 2: 164. 1818.
- Odontoglossum stenoglossum* Schltl. incorrectly cited in Tropicos without reference. → *Odontoglossum stenoglossum* (**Schltr.**) **L.O.Williams ex Correll**, Lloydia 10(4): 212. 1948; ≡ *Miltonia stenoglossa* Schltr., Repert. Spec. Nov. Regni Veg. Beih. 19: 66. 1923.
- Oldenlandia deppeana* Cham. & Schltl. incorrectly cited in Tropicos without reference. → *Oldenlandia deppeana* (**Cham. & Schltl.**) **DC.**, Prodr. 4: 428. 1830; ≡ *Gerontogea deppeana* Schltl. & Cham., Linnaea 5: 169. 1830.
- Oldenlandia micrantha* Schltl. incorrectly cited in Tropicos without reference. → *Oldenlandia micrantha* **Chiov.**, Boll. Soc. Bot. Ital. 1924: 39. 1924.
- Ornithogalum refractum* Kit. ex Schltl. incorrectly cited in Tropicos and The Plant List. → *Ornithogalum refractum* **Willd.**, Enum. Pl. Suppl.: 18. 1814.
- Palicourea diuretica* Mart. ex Schltl., Linnaea 5: 39. 1830 incorrectly cited in Tropicos. Schlechtendal cited “Mart.” as author, i.e. he did not publish a new homonymous species.. → *Palicourea diuretica* **Mart.**, Reise Bras. 2: 544. 1828.
- Palicourea sonans* Mart. ex Schltl., Linnaea 5: 40. 1830 incorrectly cited in Tropicos. Schlechtendal cited “Mart.” as author, i.e. he did not publish a new homonymous species.. → *Palicourea sonans* **Mart.**, Reise Bras. 2: 544. 1828.
- Palicourea strepens* Mart. ex Schltl., Linnaea 5: 40. 1830 incorrectly cited in Tropicos. Schlechtendal cited “Mart.” as author, i.e. he did not publish a new homonymous species.. → *Palicourea strepens* **Mart.**, Reise Bras. 2: 544. 1828.
- Panicum adscendens* Kunth ex Cham. & Schltl., Linnaea 6: 32. 1831 incorrectly cited in IPNI and Tropicos. Schlechtendal & Chamisso cited “Kunth” as author, i.e. they did not publish a new homonymous species.. → *Panicum adscendens* **Kunth**, Nov. Gen. Sp. (quarto ed.) 1: 97. 1815.
- Panicum imberbe* Schltl., Linnaea 31: 431. 1861 incorrectly cited in IPNI and Tropicos. Schlechtendal cited “Poir.” as author, i.e. he did not publish a new homonymous species. → *Panicum imberbe* **Poir.**, Encycl., Suppl. 4: 272. 1816.
- Panicum subsphaerocarpum* Salzm. ex Schltl. incorrectly cited in IPNI, Tropicos and The Plant List. → *Panicum subsphaerocarpum* **Salzm. (pro syn.)**, pro syn. *Panicum macrostachyum* (Kunth) Nees in Schlechtendal, Linnaea 31: 483. 1862.
- Paullinia clavigera* subsp. *imberbis* Schltl. incorrectly cited in Tropicos without any reference. → Source unclear, not traced.
- Pavonia luschnathiana* Klotzsch ex Schltl., Linnaea 14: 301. 1840 incorrectly cited in Tropicos and The Plant List. According to Schlechtendal (l.c.) (in the introduction of his article), all names have to be ascribed to Klotzsch. → *Pavonia luschnathiana* **Klotzsch**, Linnaea 14: 301. 1840.
- Phyllanthus calcararus* Schltl. incorrectly cited in Tropicos and The Plant List without reference. → Unclear name, source unclear and not found.
- Phyllanthus glaucescens* Cham. & Schltl., Linnaea 6: 364. 1831 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Kunth” as author, i.e. they did not publish a new homonymous species. → *Phyllanthus glaucescens* **Kunth**, Nov. Gen. Sp. (quarto ed.) 2: 115. 1817.
- Phyllanthus niruri* Cham. & Schltl., Linnaea 5: 87. 1830 incorrectly cited in Tropicos. Schlechtendal & Chamisso cited “L.” as author, i.e. they did not publish a new homonymous species. → *Phyllanthus niruri* **L.**, Sp. Pl. 2: 981. 1753.

Physocalyx rhinanthoides Cham. & Schltld. incorrectly cited in Tropicos and The Plant List. → *Physocalyx rhinanthoides* **Cham.**, Linnaea 8: 23. 1833.

Piper macrophyllum Cham. & Schltld., Linnaea 5: 73. 1830 incorrectly cited in IPNI and Tropicos. Schlechtendal & Chamisso cited “Sw.” as author, i.e. they did not publish a new homonymous species. → *Piper macrophyllum* **Sw.**, Prodr. [O.P. Swartz]: 15. 1788.

Plantago camtschatica Cham. & Schltld., Linnaea 1: 165. 1826 incorrectly cited in Tropicos. Schlechtendal & Chamisso cited “Link” as author, i.e. they did not publish a new homonymous species. → *Plantago camtschatica* **Link**, Enum. Hort. Berol. Alt. 1: 120. 1821.

Plantago depressa Schltld. incorrectly cited in Tropicos without any reference. → *Plantago depressa* **Willd.**, Enum. Pl. Suppl.: 8. 1813.

Plantago tumida Cham. & Schltld., Linnaea 1: 168. 1826 incorrectly cited in Tropicos. → *Plantago tumida* **Link**, Enum. Hort. Berol. Alt. 1: 121. 1821.

Polemannia hyacinthoides P.J. Bergius ex Schltld. and *Polemannia hyacinthiflora* Berg. ex Schltld. incorrectly cited in Tropicos and The Plant List. → *Polemannia hyacinthiflora* **K.Bergius**, Linnaea 1: 250. 1826.

Pimelea preissii Schltld., Linnaea 20: 581. 1847 incorrectly cited in IPNI and Tropicos. Schlechtendal cited “Meisn.” as author, i.e. he did not publish a new homonymous species. → *Pimelea preissii* **Meisn.**, Pl. Preiss. 1(4): 601. 1845.

Piper dendrophilum Schltld. incorrectly cited in Tropicos. → *Piper dendrophilum* (**Schltld.**) **Schltld.**, Linnaea 7: 138. 1832. = *Peperomia dendrophila* Schltld. & Cham., Linnaea 5: 74. 1830.

Polygonum glabrum Cham. & Schltld., Linnaea 3: 46. 1828 incorrectly cited in Tropicos. Schlechtendal & Chamisso cited “Willd.” as author, i.e. they did not publish a new homonymous species. → *Polygonum glabrum* **Willd.**, Linnaea 3: 46. 1828.

Portulaca intermedia Link ex Schltld., Bot. Zeitung (Berlin) 11: 667. 1853 incorrectly cited in Tropicos and The Plant List. → *Portulaca intermedia* **Link (pro syn.)**, pro syn. *Portulaca sativa* Haw. in Schltld., Bot. Zeitung (Berlin) 11: 667. 1853.

Potamogeton nitens Willd. ex Cham. & Schltld. incorrectly cited in IPNI, Tropicos and The Plant List. → *Potamogeton nitens* **Willd. (pro syn.)**, pro syn. *Potamogeton proteus* Cham. & Schltld. (nom. illeg.), Linnaea 2: 202. 1827.

Potamogeton intermedius Cham. & Schltld. incorrectly cited in IPNI, Tropicos and The Plant List. → *Potamogeton intermedius* (**Mert. & W.D.J.Koch**) **Cham. & Schltld.**, Linnaea 2: 221. 1827. = *Potamogeton natans* var. *intermedius* Mert. & W.D.J.Koch, Deutschl. Fl. 1: 839. 1823.

Potamogeton paludosus Bory ex Cham. & Schltld. incorrectly cited in IPNI, Tropicos and The Plant List. → *Potamogeton paludosus* **Bory (pro syn.)**, pro syn. *Potamogeton oblongus* Vis. in Cham. & Schltld., Linnaea 2: 216. 1827.

Psychotria cuspidata var. *vulgatior* Schltld., Linnaea 28: 507. 1857 incorrectly cited in IPNI and Tropicos. → *Psychotria cuspidata* Bredem. ex Schult. var. *cuspidata*.

Ptychodea pedunculata Willd. ex Cham. & Schltld. incorrectly cited in IPNI, Tropicos and The Plant List. → *Ptychodea pedunculata* **Willd. (pro syn.)**, pro syn. *Sipanea dichotoma* Kunth in Cham. & Schltld., Linnaea 4: 68. 1829.

Ptychodea sessiliflora Willd. ex Cham. & Schltld. incorrectly cited in IPNI, Tropicos and The Plant List. → *Ptychodea sessiliflora* **Willd. (pro syn.)**, pro syn. *Sipanea glomerata* Kunth in Cham. & Schltld., Linnaea 4: 68. 1829.

Ranunculus minimus Schltld., Animadv. Bot. Ranunc. Cand. 1: 19: 1819 incorrectly cited in IPNI, Tropicos and The Plant List. Cited by Schlechtendal as “*Ranunculus minimus* Hortulanorum” under *Ranunculus ophioglossifolius* Vill., i.e. this name was just cited pro syn. *Ranunculus ophioglossifolius* Vill.

Relbunium sellowiana Cham. & Schltld. incorrectly cited in Tropicos and The Plant List. → *Relbunium sellowianum* (**Cham.**) **K.Schum.**, Fl. Bras.: 115. 1889. = *Rubia sellowiana* Cham., Linnaea 9: 214. 1834.

Relbunium vilis Cham. & Schltld. incorrectly cited in Tropicos. → *Relbunium vile* (**Cham. & Schltld.**) **K.Schum.**, Fl. Bras. 6: 116. 1888. = *Rubia vilis* Cham. & Schltld., Linnaea 3: 230. 1828.

Rhododendron chamaecistus Cham. & Schltld., Linnaea 1: 513. 1826 incorrectly cited in IPNI. Schlechtendal & Chamisso cited “L.” as author, i.e. they did not publish a new homonymous species. → *Rhododendron chamaecistus* **L.**, Sp. Pl. 1: 392. 1753.

- Rubus floribundus* Schltld., Linnaea 13: 266. 1839 incorrectly cited in Tropicos. Schlechtendal cited “Kunth” as author, i.e. he did not publish a new homonymous species. → *Rubus floribundus* **Kunth** (nom. illeg.), Nov. Gen. Sp. (quarto ed.) 6: 219, t. 557. 1824. ≡ *Rubus abundus* Rydb. (nom. nov.), N. Amer. Fl. 22(5): 454. 1913.
- Ruellia quitensis* Cham. & Schltld., Linnaea 5: 96. 1830 incorrectly cited in IPNI and Tropicos. Schlechtendal & Chamisso cited “Kunth” as author, i.e. they did not publish a new homonymous species. → *Ruellia quitensis* **Kunth**, Nov. Gen. Sp. (quarto ed.) 2: 240. 1818.
- Sagittaria guianensis* Schltld., Linnaea 6: 42. 1831 incorrectly cited in Tropicos and The Plant List. Schlechtendal cited “Kunth” as author, i.e. he did not publish a new homonymous species. *Guianensis* is an orthographic variation of *guayanensis*. → *Sagittaria guayanensis* **Kunth**, Nov. Gen. Sp. (quarto ed.) 1: 250. 1816.
- Salvia engelmannii* Schltld., Linnaea 27: 504. 1856 incorrectly cited in IPNI, Tropicos and The Plant List. Cited by Schlechtendal as “*Salvia engelmannii* hortul.” under (pro syn.) *Salvia roemeriana* Scheele.
- Scleria interrupta* Schltld., Linnaea 20: 544. 1847 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Rich.” as author, i.e. he did not publish a new homonymous species → *Scleria interrupta* **Rich.**, Actes Soc. Hist. Nat. Paris 1: 113. 1792.
- Scleria macrocarpa* Salzm. ex Schltld., incorrectly cited in Tropicos. → *Scleria macrocarpa* **Salzm. (pro syn.)**, pro syn. *Scleria palmifolia* Hoffmanns. ex Schltld. in Schltld., Bot. Zeitung (Berlin) 3: 492. 1845.
- Scleria praealta* Salzm. ex Schltld., incorrectly cited in IPNI, Tropicos and The Plant List. → *Scleria praealta* **Salzm. (pro syn.)**, pro syn. *Scleria mitis* P.J. Bergius in Schltld., Bot. Zeitung (Berlin) 3: 461. 1845.
- Siderodendrum paniculatum* Willd. ex Cham. & Schltld., Linnaea 4: 26. 1829 incorrectly cited in IPNI, Tropicos and The Plant List. → *Siderodendrum paniculatum* **Willd. (pro syn.)**, pro syn. *Psychotria cordifolia* Kunth (nom. illeg.) in Cham. & Schltld., Linnaea 4: 26. 1829 sub *Psychotria nonatelioides* Cham. & Schltld.
- Smilax cumanensis* Cham. & Schltld. incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Willd.” as author, i.e. they did not publish a new homonymous species. → *Smilax cumanensis* **Willd.**, Sp. Pl. 4: 783. 1806.
- Solanum allogonum* Bernh. ex Schltld., Linnaea 8: 252. 1833 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal cited “Bernh.” as author, i.e. he did not publish a new homonymous species. → *Solanum allogonum* **Bernh.**, Index Seminum [Erfurt] 1832: 3, adnot. no. 12. 1833.
- Solanum micranthum* Schltld., Linnaea 5: 112. 1830 incorrectly cited in Tropicos. Schlechtendal cited “Roem. & Schult.” as author, i.e. he did not publish a new homonymous species. → *Solanum micranthum* **Willd. ex Roem. & Schult.**, Syst. Veg. (ed. 15 bis) 1: 710. 1817.
- Solanum obtusifolium* Schltld. & Cham., Linnaea 5: 113. 1830 incorrectly cited in Tropicos. Schlechtendal cited “Willd.” as author, i.e. he did not publish a new homonymous species. → *Solanum obtusifolium* **Willd.**, Enum. Pl. Suppl. 11. 1814.
- Solanum sylvaticum* Schltld., Linnaea 5: 112. 1830 incorrectly cited in Tropicos. Schlechtendal cited “Dunal.” as author, i.e. he did not publish a new homonymous species. → *Solanum sylvaticum* **Dunal**, Solan. Syn.:24. 1816.
- Spigelia martiana* Cham. & Schltld. incorrectly cited in Tropicos and The Plant List. → *Spigelia martiana* **Cham.**, Linnaea 8: 15. 1833.
- Spigelia spartioides* Cham. & Schltld. incorrectly cited in Tropicos and The Plant List. → *Spigelia spartioides* **Cham.**, Linnaea 8: 14. 1833.
- Swertia michauxiana* Cham. & Schltld., Linnaea 5: 122. 1830 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “Schult.” as author, i.e. they did not publish a new homonymous species. → *Swertia michauxiana* **Schult.**, Syst. Veg., ed. 15 bis 6: 130. 1820.
- Tetracera rugosa* Kunth ex Schltld., Linnaea 8: 177. 1833 incorrectly cited in IPNI and Tropicos. → *Tetracera rugosa* **Kunth (nom. nud.)**, sub *Davilla*.
- Tinantia latifolia* Schltld. incorrectly cited in IPNI and Tropicos. → *Tinantia latifolia* (**Ruiz & Pav. Schltld.**), Linnaea 25: 184. 1852. ≡ *Tradescantia latifolia* Ruiz & Pav., Fl. Peruv. 3: 44, t. 272. 1802.
- Tinantia undata* Schltld. incorrectly cited in IPNI and Tropicos. → *Tinantia undata* (**Humb. & Bonpl. ex Willd.) Schltld.**), Linnaea 25: 185. 1852. ≡ *Tradescantia undata* Humb. & Bonpl. ex Willd., Enum. Pl. 347. 1809.

Trifolium reflexum Cham. & Schldtl., *Linnaea* 5: 576. 1830 incorrectly cited in IPNI, Tropicos and The Plant List. Schlechtendal & Chamisso cited “L.” as author, i.e. they did not publish a new homonymous species. → *Trifolium reflexum* L., *Sp. Pl.* 2: 766. 1753.

Trixeuxis Schldtl., *Linnaea* 2: 530. 1827 incorrectly cited in Tropicos. → *Trixeuxis* Lindl. (nom. nud.), *Orchid. scelet.*: 15. 1826, a verbatim reprint appeared in *Linnaea* 2: 530. 1827.

Urtica dioica var. *angustifolia* Schldtl., *Linnaea* 7: 141. 1832 incorrectly cited in Tropicos. Schlechtendal & Chamisso cited “Wimm. & Grab.” as authors. → *Urtica dioica* var. *angustifolia* Wimm. & Grab., *Fl. Siles.* 2(2): 336. 1829.

Wahlenbergia stellarioides Cham. & Schldtl. incorrectly cited in Tropicos. → *Wahlenbergia stellarioides* Cham., *Linnaea* 8: 196. 1833.

Zygophyllum debile Cham. & Schldtl. incorrectly cited in Tropicos and The Plant List. → *Zygophyllum debile* Cham., *Linnaea* 5: 45. 1830.

Zygophyllum dichotomum Cham. & Schldtl. incorrectly cited in Tropicos and The Plant List. → *Zygophyllum dichotomum* Cham., *Linnaea* 5: 48. 1830.

Zygophyllum lichtensteinianum Cham. & Schldtl. incorrectly cited in Tropicos and The Plant List. → *Zygophyllum lichtensteinianum* Cham., *Linnaea* 5: 47. 1830.

Zygophyllum microcarpum Licht. ex Schldtl. & Cham. incorrectly cited in Tropicos. → *Zygophyllum microcarpum* Licht. ex Cham., *Linnaea* 5: 46. 1830.

Zygophyllum miniatum Cham. & Schldtl. incorrectly cited in Tropicos without reference. → *Zygophyllum miniatum* Cham., *Linnaea* 5: 49. 1830.

5. Acknowledgements

The whole process of sorting out and dealing with type collections of species described by D. F. L. von Schlechtendal in particular, and taxonomic names introduced by this botanist in general, was, at least partly, carried out in the course of continued projects of the “Global Plant Initiative” granted by the American Andrew W. Mellon Foundation for which we are much obliged. Our sincere thanks are due to Dr. Roger C.T. Cook (York, UK) for linguistic support in checking the English text of the biographic part.

6. Literature

Anonymous 1757: Geschichte des Herrn Friedrich Gottfried Schlegendal: 730–737. In: Stosch, F. ed.: *Das neue gelehrte Europa??*. Vol. 11. Wolfenbüttel.

Anonymous 1867: *Catalogue of Scientific Papers, 1800–1863*. Compiled by the Royal Society of London. Vol. I. London.

Anonymous 1907: *Gothaisches genealogisches Taschenbuch der uradeligen Häuser*. 8. Jahrgang. Gotha. Bessler, O. 1954: Chamisso als Naturforscher. Bisher unveröffentlichte Briefe. *Wissenschaftliche Zeitschrift der Universität Halle, Mathematisch-naturwissenschaftliche Reihe* 4: 137–152.

Braun, U. & Heuchert, B. 2013a: D. F. K. von Schlechtendal's examinations of *Arenaria* and *Stellaria* in C. L. von Willdenow's herbarium published in 1816 – a nomenclatural correction. *Schlechtendalia* 25: 69–72.

Braun, U. & Heuchert, B. 2013b: D. F. K. von Schlechtendal's examinations of *Potentilla* in C. L. von Willdenow's herbarium published in 1816 – a nomenclatural correction. *Schlechtendalia* 27: 1–4.

Braun, U. & Werner, K. 2007: Type material in the Herbarium of the Martin-Luther-University Halle-Wittenberg (HAL). *Carex* species in the herbarium of C. Schkuhr. *Schlechtendalia* 16: 33–40.

Braun, U. & Wittig, A.-K. 2003: Typusmaterial des Herbariums der Martin-Luther-Universität Halle-Wittenberg (HAL). Teil 4: Taxa beschrieben von D. F. L. von Schlechtendal. *Schlechtendalia* 10: 15–65.

Geier, M. 2010: *Die Brüder Humboldt. Eine Biographie*. Reinbek (Hamburg).

Haeckel, E. 1921: *Entwicklungsgeschichte einer Jugend. Briefe an meine Eltern 1852/1856*. Leipzig.

Heklau, H. 1998: Diederich Franz Leonhard von Schlechtendal (1794–1866). *Schlechtendalia* 1: 1–14.

Jäckel, F. & Bohnstedt, G. 1937: *Lebensbild Eures Vaters Albert Bohnstedt*. Aufgezeichnet von Eurer Mutter Marie Bohnstedt, geb. Schmidt, 1887. Demmin, Luckau.

Kraus, G. K. M. 1893: *Der botanische Garten der Universität Halle*. Heft 2: 1–155. Leipzig.

Kümmel, F. 1998: 300 Jahre Botanischer Garten der Martin-Luther-Universität in Halle: 9–120. In Kümmel, F. ed.: *Festschrift: 300 Jahre Botanischer Garten der Martin-Luther-Universität Halle-Wittenberg*. Halle (Saale).

- Mohl, H. von & de Bary, A. 1867: D. F. L. von Schlechtendal. *Botanische Zeitung* **25**: 321–325.
- Schlechtendal, D. F. K. von 1816a: Ueber die Stellarien und Arenarien Arten, welche in der Willdenowschen Sammlung aufbewahrt werden. *Magazin für die Neuesten Entdeckungen in der Gesammten Naturkunde, Gesellschaft Naturforschender Freunde zu Berlin* **7**: 190–213.
- Schlechtendal, D. F. K. von 1816b: Uebersicht der in Willdenows Pflanzensammlung aufbewahrten Potentillen. *Magazin für die Neuesten Entdeckungen in der Gesammten Naturkunde, Gesellschaft Naturforschender Freunde zu Berlin* **7**: 283–297.
- Schlechtendal, D. F. L. von 1819: *Animadversiones botanicae in Ranunculaceas Candollii. Sectio prior.* Berlin.
- Schlechtendal, D. F. L. von 1820: *Animadversiones botanicae in Ranunculaceas Candollii. Sectio posterior.* Berlin.
- Schlechtendal, D. F. L. von 1823: *Flora berolinensis. Pars prima.* Berlin.
- Schlechtendal, D. F. L. von 1824: *Flora berolinensis. Pars secunda (Cryptogamia).* Berlin.
- Schlechtendal, D. F. L. von 1832: Einige Worte über das Willdenow'sche Herbarium sowie über die Königl. Pflanzensammlung zu Berlin. *Flora* **15**: 561–567.
- Schlechtendal, D. F. L. von & Chamisso, A. von 1830: *Plantarum mexicanarum a cel. viris Schiede et Deppe collectarum recensio brevis.* *Linnaea* **5**: 72–174.
- Schubert, G. 1964: *Leben und Werk von Diederich Franz Leonhard von Schlechtendal, Inauguraldissertation.* Martin-Luther-Universität Halle-Wittenberg.
- Schultes, J. A. 1822: Ueber botanische Gärten in Sachsen und Preußen. *Flora* **5**: 129–158.
- Taschenberg, O. 1916: Diederich von Schlechtendal. Ein Nachruf. *Leopoldina* **52**: 55–60, 62–68.
- Taschenberg, O. 1917: Nachträgliche Zusätze zu dem Nachruf für D. von Schlechtendal. Ein Nachruf. *Leopoldina* **53**: 62–64.
- Thiers, B. continuously updated: *Index Herbariorum: A global directory of public herbaria and associated staff.* New York Botanical Garden's Virtual Herbarium. <http://sweetgum.nybg.org/science/ih/>.
- Tkach, N., Braun, U. & Röser, M. 2014: Correspondence of D. F. L. von Schlechtendal in the herbarium of the University Halle-Wittenberg, Germany (HAL). *Schlechtendalia* **28**: 29–34
- Weber, W. 1984: Die Bromeliaceae im Herbarium D. F. L. von Schlechtendals. *Feddes Repertorium* **95**: 573–600.
- Werner, K. 1955: *Das Herbarium der Botanischen Anstalten der Martin-Luther-Universität Halle-Wittenberg.* *Wissenschaftliche Zeitschrift der Martin-Luther-Universität Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe* **4**: 775–778.
- Werner, K. 1988: Zur Geschichte des Herbariums der Martin-Luther-Universität Halle-Wittenberg nebst Anmerkungen zu einigen Sammlern. *Hercynia N. F.* **25**: 11–26.

Address of the authors

Bettina Heuchert, Uwe Braun, Natalia Tkach, Denise Marx and Martin Röser, Martin Luther University, Institute of Biologie, Geobotany and Botanical Garden, Herbarium, Neuwerk 21, 06099 Halle (Saale), Germany.

(E-mails: bettina.heuchert@botanik.uni-halle.de; uwe.braun@botanik.uni-halle.de; natalia.tkach@botanik.uni-halle.de; denise.marx@botanik.uni-halle.de; martin.roeser@botanik.uni-halle.de)