

A monograph of *Cercospora*, *Ramularia* and allied genera (phytopathogenic hyphomycetes) Additions to host range and distribution

UWE BRAUN

Abstract: BRAUN, U. 1998: A monograph of *Cercospora*, *Ramularia* and allied genera (phytopathogenic hyphomycetes). Additions to host range and distribution. *Schlechtendalia* 1: 41-43.

BRAUN (1995, 1998) published a monograph of *Cercospora*, *Ramularia* and allied genera. Some additional host and distribution data, found in scattered, often rare check-lists and other publications, are listed in the present paper.

Zusammenfassung: BRAUN, U. 1998: A monograph of *Cercospora*, *Ramularia* and allied genera (phytopathogenic hyphomycetes). Additions to host range and distribution. *Schlechtendalia* 1: 41-43.

BRAUN (1995, 1998) veröffentlichte eine Monographie von *Cercospora*, *Ramularia* und verwandten Gattungen. Einige zusätzliche Angaben zum Wirtsspektrum und zur Verbreitung, die in verstreuten, oft seltenen Checklisten und anderen Publikationen gefunden worden sind, werden in der vorliegenden Arbeit aufgelistet.

In the following papers, new host range and distribution data for species of the *Cercospora/Ramularia* complex, not included in BRAUN's (1995, 1998) monograph, have been found. The papers concerned are distinguished with numbers which symbolize the particular references.

- (1) ANONYMOUS 1968: Preliminary list of plant diseases recorded in Nepal. Pl. Protect. Committee for the South East Asia and Pacific Region, Techn. Doc. 62, FAO, Regional Office for Asia and Far East, Bangkok, Thailand.
- (2) BISSER, S. 1962: A revised list of diseases of economic plants in British Guiana. Agric. Inf. Div., Ministry of Agriculture, Georgetown.
- (3) DEDANT, R., RASOLOFO, M. & BAUDIN, P. 1990: Liste des Maladies des Plantes cultivées à Madagascar. Inst. Rech. Agron. Madagascar, Div. Patol. Veget.
- (4) GATTANI, M.L. & GATTANI, I.N. 1964: List of diseases of important economic crop plants of Indonesia. 5th Meeting, Pl. Protect. Committee S.E. Asia, Pap. 41: 1-38.
- (5) KENNETH, R. et al. 1970: A revised checklist of fungal and bacterial diseases of vegetable crops in Israel. The Volcani Inst. Agric. Res., Bet Dagan.
- (6) KENNETH, R. et al. 1975: A revised checklist of fungal and bacterial diseases of field and forage crops in Israel. Agric. Res. Org., The Volcani Centre, Bet Dagan, Israel, Spec. Publ. 36: 1-70.
- (7) KOCH de BROTONS, L. & BOASSO, C. 1955: Lista de las enfermedades de las vegetales en el Uruguay. Republica Oriental del Uruguay, Ministerio de Ganaderia y Agricultura, Direccion de Agronomia, Laboratorio de Fisiologia y Patologia vegetal, Publ. No. 106, Montevideo.
- (8) LEATHER, R.I. 1967: A catalogue of some plant diseases and fungi in Jamaica. Ministry of Agriculture and Lands, Jamaica, Bulletin No. 61 (New Series).
- (9) PAWSEY, R.G. 1989: A check-reference list of plant pathogens in Nepal. FRIC, Occ. Pap. No. 1/89.
- (10) RIOS, E.A.E. 1982: Catalogo de enfermedades de las plantas en la Republica de Panama.

- (11) SAMPSON, P.J. & WALKER, J. 1982: An Annotated List of Plant Diseases in Tasmania. Dept. Agric., Tasmania.
- (12) SARDY, G., DAVET, P. & KHATIB, H. 1969: Liste des Maladies des Plantes au Liban, 1959-1969. Rep. Libanaise, Ministère de l'Agriculture, Inst. Res. Agron., Lab. Phytopathol., Fanar.
- (13) SCHIEBER, E. & SÁNCHEZ, A. 1968: Lista preliminar de las enfermedades de las plantas en Guatemala. Ministerio de Agricultura, Guatemala.
- (14) SERAFIM, F.J.D. & SERAFIM, M.C. 1968: Lista dos Doenças de Culturas de Angola. Inst. Invest. Agron. Angola, Ser. Téc., 2: 1-22.
- (15) SHERIDAN, J.E. 1996: Cereal diseases 1995-1996 (including pea diseases and gooseberry mildew). Disease survey and disease control. Mycology and Plant Pathology Report, No. 33: I-VIII, 1-47.
- (16) SIMMONS, J.H. 1966: Host index of plant diseases in Queensland. Dept. of Primary Industries, Queensland.
- (17) SINGH, K.G. 1973: A check-list of host and disease in Peninsular Malaysia. Ministry of Agriculture and Fisheries, Malaysia.
- (18) STEWART, R.B. & YIRGOU, D. 1967: Index of Plant Diseases in Ethiopia. Heile Seleassie Univ., Coll. Agric., Exp. Stat., Bull. 30: 1-95.
- (19) WARCUB, J.H. & TALBOT, P.H.B. 1981: Host-Pathogen Index of Plant Diseases in South Australia. Adelaide.

Additions to host range and distribution of *Cercospora*- and *Ramularia*-like hyphomycetous species

Vol. 1 (BRAUN 1995):

Pseudocercospora capsellae (Ellis & Everh.) Deighton, on *Brassica oleracea* L. [Ethiopia (18)], *B. rapa* L. (incl. *B. campestris*) [Israel (5), Nepal (1,9)], *B. sp.* [Angola (14), Guyana (2)], *Sinapis alba* L. [Guyana (2)].

Vol. 2 (BRAUN 1998):

Ramularia beccabungae Fautrey, on *Veronica anagallis-aquatica* L. [Ethiopia (18)].
Ramularia beticola Fautrey & Lambotte, on *Beta vulgaris* L. [Australia (11)].
Ramularia collo-cygni B. Sutton & J.M. Waller (Syn.: *Ovularia hordei* (Cav.) R. Sprague), on *Hordeum vulgare* L. [Israel (6), New Zealand (15)].
Ramularia cynarae Sacc. (Syn.: *R. carthami* Zaprom.), on *Cathamus tinctorius* L. [Ethiopia (18)], *Cnicus argyranthus* C.B. Clarke [Nepal (9), as *R. sp.*], *Cynara scolymus* L. [Ethiopia (18), Israel (5), Madagascar (3), Panama (10), Uruguay (7)].
Ramularia deusta (Fuckel) Karak., on *Phaseolus vulgaris* L. [Malaysia (17)]. This record is doubtful and belongs possibly to *Ramularia phaseoli* or *R. glycinicola* U. Braun & Bagyan. (BRAUN 1998: 421).

- Ramularia grevilleana* (Tul. & C. Tul.) Jørst. (Syn.: *R. arvensis* Sacc.), on *Fragaria chilensis* Mol. [Panama (10)], *F. chiloensis* (L.) Duchesne [Israel (5)], *F. vesca* L. [Madagascar (3)], *F. virginiana* Duchesne [Guatemala (13)], *Potentilla reptans* L. [Ethiopia (18)].
- Ramularia heraclei* (Oudem.) Sacc. (Syn.: *R. pastinacae* Bubák), on *Pastinaca sativa* L. [Australia (16,19), Jamaica (8)].
- Ramularia inaequalis* (Preuss) U. Braun (Syn.: *R. picridis* Fautrey & Roum., *R. sonchi* Dominik), on *Picris echioides* L. [Tanzania (11)], *Sonchus* sp. [Nepal (9)], *Taraxacum* sp. [Lebanon (12)].
- Ramularia phaseoli* (O. A. Drumm.) Deighton, on *Phaseolus vulgaris* L. [Ethiopia (18)].
- Ramularia pratensis* Sacc. (Syn.: *R. rhei* Allesch.), on *Rheum* sp. [Australia (19)].
- Ramularia primulae* Thüm., on *Primula* sp. [Australia (11)].
- Ramularia pusilla* Unger, on *Agrostis schimperiana* Hochst. ex Steud. [Ethiopia (18)], *Streblochete longiaristata* (A. Rich.) Pilg. [Ethiopia (18)].
- Ramularia rubella* (Bonord.) Nannf., on *Rumex brownii* Campd. [Australia (11)], *R. crispus* L. [Australia (11,16)], *R. obtusifolius* L. [Australia (16)].
- Ramularia sphaeroidea* Sacc. (Syn.: *Ovularia schwarziana* Magnus, *O. viciae* (A.B. Frank) Sacc.), on *Vicia faba* L. [Ethiopia (18)], *V. sativa* L. [Israel (6)].
- Ramularia* sp., on *Chrysanthemum* sp. [Indonesia (4)]. This record belongs either to *Ramularia bellunensis* Speg. or to *R. tanacetii* Lind.
- Ramulariopsis gossypii* (Speg.) U. Braun, on *Gossypium hirsutum* L. [Panama (10)].

Literatur:

- BRAUN, U. 1995: A monograph of *Cercospora*, *Ramularia* and allied genera (phytopathogenic hyphomycetes). Vol. 1. Eching.
- BRAUN, U. 1998: A monograph of *Cercospora*, *Ramularia* and allied genera (phytopathogenic hyphomycetes). Vol. 2. Eching.

Address of the author:

Dr. Uwe Braun, Martin-Luther-Universität, FB Biologie, Institut für Geobotanik und Botanischer Garten, Herbarium, Neuwerk 21, D-06099 Halle/Saale, Germany
(e-mail: braun@botanik.uni-halle.de)