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Ramularia-like hyphomycetes collected by C.T. Rogerson in North America

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Abstract: Braun, U. 2009: Ramularia-like hyphomycetes collected by C.T. Rogerson in North America. Schlechtendalia **19**: 73–75.

Numerous specimens of hyphomycetes collected by C.T. Rogerson (1918–2001) have recently been examined and determined. The collections concerned were deposited as *Ramularia* sp. in the herbarium NY and encompassed various records new to North America, California and Utah as well as some new hosts.

Zusammenfassung: Braun, U. 2009: Ramularia-artige Hyphomyzeten gesammelt von C.T. Rogerson in Nordamerika. Schlechtendalia **19**: 73–75.

Zahlreiche Herbarbelege von Hyphomyzeten gesammelt von C.T. Rogerson (1918–2001) sind unlängst untersucht und bestimmt worden. Die Kollektionen, die ursprünglich im Herbarium NY als *Ramularia* sp. deponiert waren, enthielten Funde neu für Nordamerika, Kalifornien und Utah und einige neue Wirte.

Key words: Ascomycota, anamorphs, *Ramularia*, USA.

The herbarium of the North American mycologist C.T. Rogerson (1918–2001) is deposited at NY. He collected plant pathogenic hyphomycetes in various parts of the USA, including cercosporoid and ramularioid *Mycosphaerella* anamorphs which were partly treated in co-operation with U. Braun (Braun & Rogerson 1993, 1995). Recently, numerous collections deposited at NY as *Ramularia* sp. have been examined and determined, including some new records of pathogenic hyphomycetes for California and Utah and some new host records.

1. *Neoramularia rubi* (Bubák) U. Braun (≡ *Ovularia rubi* Bubák)

On *Rubus parviflorus*, USA, Utah, Weber Co., along Strong´s Creek, foothills of Wasatch Mts. east of Ogden, 25 Jul. 1980, C.T. Rogerson (NY).

New for North America on a new host species. This species is known from Central Asia, Caucasus and Europe on *Rubus caesius* and *R. idaeus* (Braun 1998).

2. *Passalora montana* (Speg.) U. Braun & Crous (≡ *Ramularia montana* Speg.)

On *Epilobium brachycarpum*, USA, Utah, Weber Co., North Fork County Park, east side of Wasatch Mts., northwest of Liberty, 26 Jul. 1990, C.T. Rogerson (NY).

On *Epilobium angustifolium*, USA, Utah, Weber Co., Wasatch Mts., Waterfall Creek, 28 Jul. 1988, C.T. Rogerson (NY).

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On *Epilobium ciliatum*, USA, Utah, Cache Co., Joann Spring, 31 Jul. 1985, C.T. Rogerson (NY).

On *Epilobium latifolium*, USA, Utah, Weber Co., Upper Wheeler Creek, 9 Aug. 1988, C.T. Rogerson (NY).

Epilobium brachycarpum is a new host for this species (Braun 1998). Records of the other hosts are new to Utah.

3. *Passalora hydrophylli* (Davis) U. Braun (≡ *Ramularia hydrophylli* Davis, *Didymaria hydrophylli* (Davis) Solheim)

On *Hydrophyllum capitatum*, USA, California, Modoc Co., Modoc National Forest, east side of Warner Mts., Emerson Creek Wilderness, 26 May 1996, C.T. Rogerson (NY).

New to California.

4. *Ramularia delphiniicola* U. Braun (≡ *Ovularia delphinii* Solheim)

On *Delphinium occidentale*, USA, Utah, Weber Co., along Cutler Creek, North Fork County park, east side of Wasatch Mts., northwest of Liberty, 25 Jun. 1990, C.T. Rogerson (NY).

New host (Braun 1998).

5. *Ramularia pseudorubella* U. Braun

On *Rumex crispus*, USA, Utah, Washington Co., Quail Spring, Tobin Wash Road, 13 May 1995, C.T. Rogerson (NY).

This is the second record of this species which was described from Utah based on an old collection from 1940 (Braun 1998).

6. *Ramularia smilacinae* Davis

On *Disporum trachycarpum*, USA, Utah, Utah Co., Mt. Timpanogos, A.O. Garrett 3558 A (NY).

New hosts (Braun 1998). The fungus on *Disporum trachycarpum* agrees well with collections of *Ramularia smilacinae* on *Smilacina* species. *Disporum* and *Smilacina* (= *Maianthemum*) are allied genera belonging in the Convallariaceae. Shaw (1973) recorded *Cercosporella idahoensis* Sacc., which was reduced to synonymy with *R. smilacinae* by Braun (1998), from the Pacific Northwest (Washington) on *Disporum hookeri*.

7. *Thedgonia lupini* (Davis) U. Braun (≡ *Ramularia lupini* Davis)

On *Lupinus arbustus*, USA, Nevada, Elko Co., Humboldt National Forest, Camp Draw trailhead, Jarbidge Mt., 11 Jul. 1995, C.T. Rogerson (NY).

New hosts species (Braun 1998).

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