

# COMUNICACIONES BOTANICAS

MUSEO NACIONAL DE HISTORIA NATURAL

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Número 144

2013

Volumen VI

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## CONTRIBUTION TO THE LICHEN FLORA OF URUGUAY. XLIVI. SOME ADDITIONS AND CORRECTIONS.

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**ABSTRACT:** Sixteen Uruguayan lichens are listed including six first records for Uruguay.

**RESUMEN:** Dieciseis líquenes uruguayos se enumeran incluyendo seis primeros registros para el Uruguay.

### Introducción

In the following list some collections which are marked with this symbol (&) designatan already known which species in this Department through only one collection.

The specimens are housed in the private herbarium of the author (HO).

The following abbreviations are used for the Departments sampled: AR: Artigas, CA: Canelones, CO: Colonia, DU: Durazno, FA: Florida, FS: Flores, LA: Lavalleja, MA: Maldonado, PA: Paysandú, RO: Rocha, SA: Salto, SJ: San Jose, TA: Tacuarembó, TT: Treinta y Tres.

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### List of species

***Canomaculina pilosa* (Stizenb.) Elix- Hale.**

CA(&): Rio San Jose, Isla del Frances (34°58'S/56°46'W), II.1950, on trees, (HO 2160). Parque Nacional "F.D.Roosevelt" (34°51'S/56°09'W), on bark of Eucalyptus, (HO 6246). CO(&): Rio San Juan, Paso Antolin (34°15'S/57°38'W), On *Schinus dependens*, II.1969 (HO 6317). DU(&): Arroyo El Cordobes, Paso de la Cruz, (32°30'S/55°19'W), in the forest, II.1953. (HO 2768). Rio Negro, Paso de las Piedras, (32°25'S/55°25'W), on *Erythrina crista galli*, II.1974 (HO 6954). Estancia Las Pitangas, El Prado, (32°30'S/55°12'W), on *Sapium*, 8/10.1953 (HO 2939, 2979). FS(&): Arroyo Marincho, (33°11'S/57°04'W), On *Celtis tala*, II.1956, (3519 & 3532). SA(&): Salto Grande, Estancia Galvarini, (32°23'S/57°91'W), on *Melia azedarach* II.1972 (HO 6728). SJ(&): La Barra, (34°75'S/56°56'W), on bark, V.1944 (HO 1062).

***Diploschistes actinostomus* (Pers.) Zahlbr.**

DU(&): El Cordobes, Estancia Las Pitangas, El Prado, (32°30'S/55°19'W), II.1953, on rocks, (HO 2857, 2963), vid. H.T. Lumsch 1991) La Paloma, (32°43'S/55°35'W), II.1953 on flat stones (HO 2866) Rio Negro, Paso de las Piedras, (32°25'S/55°25'W), II.1974, on rocks, (HO 6999). Arroyo El Cordobes, Paso del Gordo (32°58'S/53°41'W), II.1953. On rocks in a meadow (HO 2806).

***Diploschistes bisporus* (Bagl.) Stein**

DU(&) El Cordobes, Estancia Las Pitangas, El Prado, (32°30'S/55°19'S), II.1953, on rocks (HO. 2932, 2951, 2954), vid. H. T. Lumsch 1989.

***Diploschistes conceptionis* Vainio**

MA: Punta Colorada (34°53'S/55°15'W), XII.1964, on sandy soil, A. Osorio s.n. (HO 4687), Sierra de las Animas, Route 9:km 95, (43°44'S/55°19'W) IV.1976, on soil, at roadside (HO 7358), det. H.T.Lumsch 1989.

***Graphis acharii* Fee**

DU: Arroyo El Cordobes, Paso de la Cruz (32°30'S/55°19'W), 4.II.1953. on trees, inside the forest., leg. H.O. 2778, det. R. Lucking 2012. First record for Uruguay.

***Graphis elongata* Zenker**

RO: Laguna Castillos and Arroyo Valizas, (34° 20'S/53°54'W), 19.II. 1967, on trunk of *Myoporum*, leg. H.O. 5606, det. R. Lucking 2012. First record for Uruguay. Formerly published as *Graphis scripta* (Osorio 1995:5).

***Graphis handelii*** Zahlbr.

SJ: Arazati, Estancia Voulminot (34°35'S/57°00'W), 18.II.1973, on trunk of *Melia azedarach*, leg. H.S.Osorio 6895, det. R. Lucking 2012. First record for Uruguay. Formerly published as *Graphis caesiella* (Osorio 1979:473).

***Opegrapha ochrocheila*** Nyl.

RO: Laguna Castillos and Arroyo Valizas (34°20'S/53°20'W), 19.II.1967, on *Scutia buxifolia*, marginal forest of the Castillos lake, H.O.5589.a., det R. Lucking 2012. First record for Uruguay. Formerly published as *Opegrapha atratula* (Osorio, 1995:9).

***Ramalina celastri*** (Spreng.) Krog & Swinsc.

DU (&): Arroyo El Cordobes, Paso de la Cruz (32°30'S/ 55°19'W), 3.II.1953, on *Scutia buxifolia*, H.O.2767. det. H. Kashiwadani, 1990. Rio Negro: Paso de las Piedras (32°25'S/55°25'W), on *Erythrina crista-galli*, H.O. 6969.

***Ramalina prolifera*** Taylor

AR: Bella Union (30°18'S/57°37'W), 28.I.1948, on *Sapium*, H.O.1432, det. H. Magn. 1956. CA: Aguas Corrientes (34°31'S/56°24'W), 10.IV.1945, on *Acacia farnesiana*, H.O. 390, vidi H.Magn. 1956. DU: Arroyo El Cordobes, Paso de la Cruz, (32°30'S/55°40'W) 2.II.1953 on *Acacia farnesiana*, H.O. 2744, det. H. Magn.1956. FS: Arroyo Marincho, (33°16'S/57°08'W), 12.II.1956, on *Celtis tala*, H.O. 3514, det. H. Magn.1956, vidi G.N.Stevens1984. PA: Arroyo Sacra, (32°19'S/58°00'W) 1.II.1948, on *Apidosperma quebracho blanco*, H.O.1414, vidi H. Magn.1956. TA: Rincón de la Laguna (31°34'S/ 55°28'W), 14.II.1947, on the forest, H.O.1149, vidi H. Magn.1956.

***Teloschistes chrysophthalmus*** (L.) Th.Fr.

CA(&): Las Brujas, (34°53'S/56°33'W), 15.VII.1951, on shrubs, banks of Santa Lucia river, H.O. 2457 Rio Santa Lucia, Isla del Frances, (34°58'S/56°46'W), on branches of *Eugenia*, HO 2147. Santa Lucia, (34°75'S/56°50'W), 10.II.1951, on shrubs, H.O. 3431. FA(&): Cerro Colorado, (33°52'S/55°33'W), 7.VIII.1939, on *Citrus*, H.O.450. Est.25 de Agosto, (34°24'S/56°24'W), VII.1945, on shrubs, banks of Santa Lucia river, H.O.568. FS(&): Route3:km:241, (33°10'S/57°03'W), 13.II.1956, on branches of *Celtis tala*, HO 3541, 4639.

***Teloschistes exilis*** (Michx.) Vainio RO (&): Cerro Verde, Parque Santa Teresa (33°56'S/53°30'W), 4.V.2003, on *Sideroxylon obtusifolius*, Alonso & Bassagoda s.n. H.O.9643. Fortaleza de Santa Teresa (33°58'S/53°32'W), 25.IX.1948, on shrubs, D. Legrand s.n., H.O.1627. Laguna Negra (34°02'S/53°38'W), 6.V.1951. on *Colletia cruciata*, D. Legrand s.n. H.O.

2439 LA(&): Villa Serrana (34°28'S/54°28'W), 15.VII.1949, on shrubs, D. Legrand s.n., HO.2043.

*Teloschistes flavicans* (Sw.) Norm.

RO(&): Laguna Negra (34°01'S/53°38'W), 6.V.1951, on shrubs, D. Legrand s.n. HO 2438. SJ(&): La Barra, (34°51'S/56°15'W), III.1945, on fence post, HO 371. TT(&): Quebrada de los Cuervos (32°54'S/54°26'W), 22/28/III/1970. On trunk of *Eucalyptus*, H.O.5997.

*Usnea concinna* Stirt.

FS: Arroyo Marincho (33°11'S/57°04'W), 12.II.1956, on *Celtis tala*, H.O.3516 p.p. det. J. Motyka 1961. First record for Uruguay.

*Usnea neutra* (Motyka) Rizzini

DU: El Cordobes, Estancia Las Pitangas (32°30'S/55°19'W), 8.10.II. 1953, on shrubs, HO 2984. Arroyo el Cordobés, Paso de la Cruz (32°30'S/55°19'W), 1.II.1953, on trees, HO 2726. TT: Cuchilla de Dionisio, Estancia La Teja (32°86'S/54°30'W), 22/28.III.1970, on Myrtaceae, HO 6085. First record for Uruguay.

*Usnea sulcata* Mot. ssp. *sulcata* Mot.

LA: Villa Serrana (38°28'S/54°98'W), 3.XI.1956, on trunk and branches, HO 3827, det. J Motyka 1960. vid. G. Stevens 1988.

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Impreso en imprenta **cba**

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Montevideo / Uruguay  
Dep. Legal: 350.276  
Edición de 350 ejemplares  
- Octubre de 2013 -