

Lichenotheca Latinoamericana a museo botanico berolinensi edita, fasciculum tertium *

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HARRIE J. M. SIPMAN

Lichenotheca Latinoamericana a museo botanico berolinensi edita, fasciculum tertium*

Abstract

Sipman, H. J. M.: Lichenotheca Latinoamericana a museo botanico berolinensi edita, fasciculum tertium [Lichenotheca Latinoamericana edited by the Botanical Museum Berlin-Dahlem, third fascicle]. – Willdenowia 27: 273–280. – ISSN 0511–9618.

Label information is presented for 50 lichen collections from Argentina, Colombia, Costa Rica, El Salvador, French Guiana, Guyana, Mexico, Uruguay and Venezuela, which form the third fascicle of this series of exsiccata. Included is isotype material of *Graphis koreaiensis* and *Porina tetralocularis*.

The third fascicle of Lichenotheca Latinoamericana is distributed to the following institutional herbaria: ASU, B, C, CBG, COL, CR, GOET, GZU, H, ICN, LD, M, MEXU, MVM, NY, PRE, QCN, S, TNS, UPS, US, VEN.

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The Lichenotheca Latinoamericana wants to encourage lichenological activities in Latin America. Therefore it is sent for free to several herbaria in Central and South America, including such where no lichenologist is active at the moment. Lichenologists, who want to back up this effort, are welcome to contribute material for inclusion in the Lichenotheca.

* Continued from Willdenowia 23: 305–314. 1993.

101. *Bacidina apiahica* (Müll. Arg.) Vězda

det. H. Sipman, 1992.

FRENCH GUIANA, Île de Cayenne, Montagne du Mahury, c. 10 km SE of Cayenne, in secondary vegetation and relics of primary tropical forest along trail to Lac du Rorota, c. 4°51'N, 52°16'W, on dicotyledone leaf, c. 50 m.

leg. H. Sipman 32039.

d.d. 5 January 1988

102. *Byssoloma aeruginascens* Vězda

det. H. Sipman, 1990.

VENEZUELA, Bolivar, Cerro Guaiquinima, at confluence of rivers Carapo and Lima (near camp 7), c. 5°35'N, 63°32'W, c. 15 m tall, light forest on poor soil on E-bank of Carapo, foliicolous on palms and shrubs of undergrowth, c. 320 m.

leg. H. Sipman 27289.

d.d. 16 February 1990

103. *Byssoloma amazonicum* Kalb & Vězda

det. H. Sipman, 1991.

VENEZUELA, Bolivar, Cerro Guaiquinima, at confluence of rivers Carapo and Lima (near camp 7), c. 5°35'N, 63°32'W, c. 15 m tall, light forest on poor soil on E-bank of Carapo, foliicolous on palms and shrubs of undergrowth, c. 320 m.

leg. H. Sipman 27292.

d.d. 16 February 1990

104. *Chroodiscus coccineus* (Leight.) Müll. Arg.

det. H. Sipman, 1992.

FRENCH GUIANA, near Sinnemary, 23 km on the Piste de St.-Elie, disturbed primary tropical forest along the road, c. 5°15'N, 53°03'W, on leaves of undergrowth, c. 50 m.

leg. H. Sipman 32672.

d.d. 19 January 1988

105. *Cladia aggregata* (Sw.) Nyl.

det. H. S. Osorio, 1991.

URUGUAY, Maldonado, Sierra de las Animas, Mirador Nacional, on soil in rock crevices, 500 m.

leg. H. S. Osorio 9224.

d.d. 4 January 1991

106. *Cladina argentea* Ahti

det. H. Sipman, 1991.

VENEZUELA, Bolivar, Cerro Guaiquinima, near west end of upper plateau (near camp 5), c. 5°48'N, 63°40'W, blanket bog with *Stegolepis* on gentle slopes, with scattered rock outcrops and mossy dwarfforest, terrestrial in dwarfscrub on bog, c. 1500 m.

leg. H. Sipman 27125.

d.d. 13 February 1990

107. *Cladina confusa* (Sant.) Follmann & Ahti

det. H. Sipman, 1991. TLC: usnic and perlatolic acids.

VENEZUELA, Bolivar, Cerro Guaiquinima, in central part of upper plateau, along river Carapo (near camp 3-nuevo), c. 5°49'N, 63°32'W, upper part of rocky area with low forest in deep clefts, c. 800 m.

leg. H. Sipman 27063.

d.d. 12 February 1990

108. *Cladina dendroides* (Abbayes) Ahti

det. H. Sipman, 1997. TLC: atranorin and fumarprotocetraric acid.

GUYANA, Potaro-Siparuni Region, Kaieteur Falls National Park, around the airstrip, 5°10'N, 59°29'W, sandstone tableland with premontane sclerophyllous forest, on rockflat in clearing, near scrub margin, c. 400 m.

leg. H. Sipman 40365.

d.d. 13–20 February 1996

109. *Cladina densissima* (Ahti) Ahti f. *densissima*

det. T. Ahti, 1997. TLC: usnic and fumarprotocetraric acids.

VENEZUELA, Bolivar, Cerro Guaiquinima, in central part of upper plateau, along river Carapo (near camp 3-nuevo), c. 5°49'N, 63°32'W, upper part of rocky area with low forest in deep clefts, c. 800 m.

leg. H. Sipman 27064.

d.d. 12 February 1990

110. *Cladonia ahtii* S. Stenroos

det. S. Stenroos, 1990. TLC: didymic, condidymic, subdidymic and rhodocladonic acids.

URUGUAY, Canelones, Parque Nacional F. D. Roosevelt, SE side of Avenida de las Americas. planted *Eucalyptus* woodland on sand, on basal trunk of *Eucalyptus robusta*, abundant, 5–10 m.

leg. S. Stenroos, T. Ahti & H. S. Osorio 3798a.

d.d. 26 January 1989

111. *Cladonia jaliscana* Ahti & Guzm.-Dáv.

det. T. Ahti, 1996. TLC: thamnolic and didymic acids.

MEXICO, Chihuahua, Casada de Basaseachic, 28°12'N, 108°14'W, pine-oak forest, on soil among pines, 6400 ft.

leg. T. H. Nash 13589.

d.d. 10 June 1976

112. *Cladonia peltastica* (Nyl.) Müll. Arg.

det. H. Sipman, 1997. TLC: usnic, ?boninic, thamnolic, and unidentified fatty acids.

GUYANA, Potaro-Siparuni Region, Kaieteur Falls National Park, around the airstrip, 5°10'N, 59°29'W, sandstone tableland with premontane sclerophyllous forest, on rockflat in clearing, near scrub margin, c. 400 m.

leg. H. Sipman 40367.

d.d. 13–20 February 1996

113. *Cladonia pulviniformis* Ahti

det. H. Sipman, 1990.

COLOMBIA, commis. Amazonas, Araracuara, tableland on S-side of river Caquetá W of Puerto Santander, opposite airstrip of Araracuara, 0°36'S, 72°25'W, sandstone plates with low savanna forest, “Ciudad Perdida” 1 km W of Chorro, on slightly shaded rockflat, 350 m.

leg. H. Sipman & J. Duivenvoorden 27880.

d.d. 30 October 1988

114. *Cladonia spinea* Ahti

det. H. Sipman, 1991. TLC: usnic and thamnolic acids.

VENEZUELA, Bolivar, Cerro Guaiquinima, in central part of upper plateau, along river Carapo (near camp 3-nuevo), c. 5°49'N, 63°32'W, upper part of rocky area with low forest in deep clefts, c. 800 m.

leg. H. Sipman 27062.

d.d. 12 February 1990

115. *Cladonia spinea* Ahti

det. H. Sipman, 1997. TLC: usnic and squamatic acids.

GUYANA, Potaro-Siparuni Region, Kaieteur Falls National Park, around the airstrip, 5°10'N, 59°29'W, sandstone tableland with premontane sclerophyllous forest, on rockflat in clearing, near scrub margin, c. 400 m.

leg. H. Sipman 40355.

d.d. 13–20 February 1996

116. *Cladonia subreticulata* Ahti

det. H. Sipman, 1994. TLC: usnic and fumarprotocetraric acids.

VENEZUELA, Bolivar, Cerro Guaiquinima, in central part of upper plateau, along river Carapo (near camp 3-nuevo), c. 5°49'N, 63°32'W, upper part of rocky area with low forest in deep clefts, c. 800 m.

leg. H. Sipman 27059.

d.d. 12 February 1990

117. *Cladonia substellata* Vain.

det. H. Sipman, 1997. TLC: usnic acid, an unidentified terpenoid, and an unidentified fatty acid.
 GUYANA, Potaro-Siparuni Region, Kaieteur Falls National Park, around the airstrip, 5°10'N, 59°29'W, sandstone tableland with premontane sclerophyllous forest, on rockflat in clearing, near scrub margin, c. 400 m.

leg. H. Sipman 40366.

d.d. 13–20 February 1996

118. *Cladonia vareschii* Ahti

det. H. Sipman, 1997. TLC: usnic, thamnolic, and an unidentified fatty acid.

GUYANA, Potaro-Siparuni Region, Kaieteur Falls National Park, around the airstrip, 5°10'N, 59°29'W, sandstone tableland with premontane sclerophyllous forest, on rockflat in clearing, near scrub margin, c. 400 m.

leg. H. Sipman 40366.

d.d. 13–20 February 1996

119. *Cladonia vareschii* Ahti

det. H. Sipman, 1991. TLC: usnic acid with a trace of thamnolic acid.

VENEZUELA, Bolivar, Cerro Guaiquinima, in central part of upper plateau, along river Carapo (near camp 3-nuevo), c. 5°49'N, 63°32'W, upper part of rocky area with low forest in deep clefts, c. 800 m.

leg. H. Sipman 27061.

d.d. 12 February 1990

120. *Cladonia variegata* Ahti

det. H. Sipman, 1997. TLC: thamnolic acid.

GUYANA, Potaro-Siparuni Region, Kaieteur Falls National Park, around the airstrip, 5°10'N, 59°29'W, sandstone tableland with premontane sclerophyllous forest, on rockflat in clearing, near scrub margin, c. 400 m.

leg. H. Sipman 40368.

d.d. 13–20 February 1996

121. *Coenogonium lepieurii* (Mont.) Nyl.

det. H. Sipman, 1995.

GUYANA, Upper Mazaruni district, N-slope of mount Roraima (campsite 5), 05°17'N, 60°46'W, in c. 25 m tall virgin mossy forest, on sapling, 700 m.

leg. H. Sipman & A. Aptroot 18730.

d.d. 12–19 February 1985

Note: An abnormal, mat-like rather than shelf-like form, probably caused by the association with a different kind of phycobiont.

122. *Everniastrum nigrociliatum* (de Lesd.) Hale ex Sipman

det. H. Sipman, 1995. TLC: atranorin and gyrophoric acid.

MEXICO, Chiapas, mnpio. Huixtán, rancho El Porvenir, c. 3 km adelante de El Escalon, 16°42'39"N, 92°30'26"W, región Los Altos, margen de potrero y bosque con *Quercus*, epífita en tronco de *Quercus*, 2400 m.

leg. Jan Wolf & Harrie Sipman 2013.

d.d. 24 November 1994

123. *Everniastrum vexans* (Zahlbr. ex C.F. Culb. & W.L. Culb.) Hale ex Sipman

det. H. Sipman, 1995. TLC: atranorin and salazinic acid.

MEXICO, Chiapas, mnpio. Huixtán, rancho Merced Bazom, 16°44'N, 92°29'W, región Los Altos, bosque abierto de *Pinus* y *Quercus* en cima. Epífita sobre tronco. 2400 m.

leg. Jan Wolf & Harrie Sipman 1894.

d.d. 23 November 1994

124. *Graphina incrustans* (Fée) Müll. Arg.

det. H. Sipman, 1993.

FRENCH GUIANA, Saül, tropical primary forest along trail to Monts La Fumée (route bleu, 9),

c. 2 km E of Saül, on ridge between Piste de Carbet Maïs and M. La Fumée, c. 3°38'N, 53°11'W, epiphyte in undergrowth, c. 300 m.
leg. H. Sipman 31622. d.d. 10 January 1988

125. *Graphina marcescens* (Fée) Müll. Arg.

det. H. Sipman, 1990. TLC: salazinic acid.

GUYANA, Upper Mazaruni district, Mt. Latipu, c. 8 km N of Kamarang, 05°57'N, 60°38'W, in c. 15 m tall forest on N-foot, on 50 cm diam. tree trunk, c. 600 m.

leg. H. Sipman & A. Aptroot 19004.

d.d. 24 February 1985

126. *Graphis caesiella* Vain.

det. H. Sipman, 1992.

FRENCH GUIANA, Saül, tropical primary forest along piste to Crique Limonade, about halfway, c. 3°35'N, 53°13'W, on trunk and branches of fallen tree, c. 300 m.

leg. H. Sipman 31783.

d.d. 13 January 1988

127. *Graphis koreaiensis* Vain. — ISOTYPE

det. H. Sipman, 1992. TLC: no detectable lichen substances.

FRENCH GUIANA, Saül, tropical primary forest along trail (route 1, 3) 2–3 km SSW of Saül, c. 3°35'N, 53°13'W, epiphyte in understory, c. 300 m.

leg. H. Sipman 31725.

d.d. 12 January 1988

Note: Published in Sipman 1994: 165.

128. *Leptogium olivaceum* (Hook.) Zahlbr.

det. H. Sipman, 1995.

EL SALVADOR, Chalatenango, mnpio. San Ignacio, cantón Rio Chiquito, Cerro Pital, Finca de los Sres. Portillo, Peña Rajada, 14°23'N, 89°08'W, mixed oak forest on mountain slope, c. 2600 m.

leg. H. Sipman, W. Berendsohn & D. Vásquez 37780.

d.d. 21 November 1993

129. *Mazosia praemorsa* (Stirt.) Sant.

det. H. Sipman, 1990.

VENEZUELA, Bolivar, Cerro Guaiquinima, at confluence of rivers Carapo and Lima (near camp 7), c. 5°35'N, 63°32'W. c. 15 m tall, light forest on poor soil on E-bank of Carapo, foliicolous on palms and shrubs of undergrowth, c. 320 m.

leg. H. Sipman 27311.

d.d. 16 February 1990

130. *Mazosia rubropunctata* Sant.

det. H. Sipman, 1990.

VENEZUELA, Bolivar, Cerro Guaiquinima, at confluence of rivers Carapo and Lima (near camp 7), c. 5°35'N, 63°32'W, c. 15 m tall, light forest on poor soil on E-bank of Carapo, foliicolous on palms and shrubs of undergrowth, c. 320 m.

leg. H. Sipman 27313.

d.d. 16 February 1990

131. *Mazosia tumidula* (Stirt.) Müll. Arg.

det. H. Sipman, 1990.

VENEZUELA, Bolivar, Cerro Guaiquinima, at confluence of rivers Carapo and Lima (near camp 7), c. 5°35'N, 63°32'W, c. 15 m tall, light forest on poor soil on E-bank of Carapo, foliicolous on palms and shrubs of undergrowth, c. 320 m.

leg. H. Sipman 27315.

d.d. 16 February 1990

132. *Myriotrema bahianum* (Ach.) Hale

det. H. Sipman, 1995. TLC: protocetraric acid.

MEXICO, Chiapas, mnpio. La Trinitaria, Parque Nacional Lagunas de Montebello, Paso del

Soldado, 16°07'07"N, 91°43'09"W, bosque de *Pinus maximinoi* y *Quercus sapotifolia*, exposición N, epífita sobre tronco de *Pithecellobium arboreum*, 30 cm diam. at 0–2 m, 1500 m.
leg. Jan Wolf & Harrie Sipman 2073. d.d. 29 November 1994

133. *Myriotrema glaucescens* (Nyl.) Hale

det. H. Sipman, 1995. TLC: a trace of hypostictic, stictic, ?cryptostictic, and ?constictic acids.
MEXICO, Chiapas, mnpio. Ocozocoautla, c. 5 km antes del aeropuerto San Juan en la carretera 190, Tuxtla Gutiérrez-México, 16°45'0"N, 93°16'30"W, región Depresion Central, bosque caducifolio bajo seco sobre roca calcárea, epífita at 0–2 m, 1200 m.
leg. Jan Wolf & Harrie Sipman 2245. d.d. 1 December 1994

134. *Myriotrema subcostaricense* Sipman

det. H. Sipman, 1997. TLC: psoromic acid.
FRENCH GUIANA, Saül, tropical primary forest along trail to Monts La Fumée (route bleu, 9), c. 2 km E of Saül, on ridge between Piste de Carbet Maïs and M. La Fumée, c. 3°38'N, 53°11'W, epiphyte in undergrowth, c. 300 m.
leg. H. Sipman 31637. d.d. 10 January 1988

135. *Ocellularia auberiana* (Mont.) Hale

det. H. Sipman, 1992. TLC: psoromic acid.
FRENCH GUIANA, Saül, tropical primary forest along trail (route 1, 4, 5) 1–2 km SSW of Saül, c. 3°37'N, 53°13'W, epiphyte in undergrowth, c. 300 m.
leg. H. Sipman 31684. d.d. 11 January 1988

136. *Ocellularia* cf. *perforata* (Leight.) Müll. Arg.

det. H. Sipman, 1995. TLC: protocetraric acid.
MEXICO, Chiapas, mnpio. Ocozocoautla, c. 5 km antes del aeropuerto San Juan en la carretera 190, Tuxtla Gutiérrez-México, 16°45'0"N, 93°16'30"W, región Depresion Central, bosque caducifolio bajo seco sobre roca calcárea, epífita at 0–2 m, 1200 m.
leg. Jan Wolf & Harrie Sipman 2223. d.d. 1 December 1994

Note: The specimen deviates by its thicker thallus, and by its habitat, dry scrub rather than humid forest.

137. *Ocellularia emersa* (Kremp.) Müll. Arg.

det. H. Sipman, 1992. TLC: psoromic acid.
FRENCH GUIANA, Saül, tropical primary forest along trail (route 1, 3) 2–3 km SSW of Saül, c. 3°35'N, 53°13'W, epiphyte in understory, c. 300 m.
leg. H. Sipman 31726. d.d. 12 January 1988

138. *Porina rugosa* Vězda

det. H. Sipman, 1992.
FRENCH GUIANA, Saül, tropical primary forest along trail (route bleu, 8) to Monts La Fumée, c. 1 km N of Saül, c. 3°38'N, 53°12'W, on leaves of undergrowth, c. 300 m.
leg. H. Sipman 32106. d.d. 9 January 1988

139. *Porina tetralocularis* Aptroot — ISOTYPE

det. A. Aptroot, 1992.
GUYANA, Upper Mazaruni district, E-bank of Waruma river, c. 12 km S of confluence with Kako river (campsite 3), 05°24'N, 60°47'W, in c. 25 m tall virgin riverain forest, on 50 cm diam. trunk, 550 m.
leg. H. Sipman & A. Aptroot 18631. d.d. 10 February 1985

Note: Published in Aptroot & Sipman 1994: 39.

140. *Pseudocyphellaria crocata* (L.) Vain.

det. H. Sipman, 1995.

MEXICO, Chiapas, mnpio. Huixtán, rancho El Porvenir, c. 3 km adelante de El Escalon, 16°42'39"N, 92°30'26"W, región Los Altos, margen de potrero y bosque neblina con *Pinus* y *Quercus*, epífita, 2400 m.

leg. Jan Wolf & Harrie Sipman 2012.

d.d. 24 November 1994

141. *Ramalina celastri* (Spreng.) Krog & Swinscow

det. H. S. Osorio, 1993.

ARGENTINA, Misiones, San Ignacio, Colonia Yabebiry, 27°18'S, 55°35'W, on trunk and branches of indigenous trees, 310 m.

leg. J. E. Montes 10072.

d.d. 14 February 1956

142. *Solorina simensis* Hochst. ex Flotow

det. H. Sipman, 1995.

MEXICO, Chiapas, mnpio. Huixtán, rancho El Porvenir, c. 3 km adelante de El Escalon, 16°42'39"N, 92°30'26"W, región Los Altos, margen de potrero y bosque neblina con *Pinus* y *Quercus*, terrícola al lado de camino, en pared vertical, 2400 m.

leg. Jan Wolf & Harrie Sipman 2009.

d.d. 24 November 1994

143. *Strigula nemathora* Mont.

det. H. Sipman, 1992.

FRENCH GUIANA, Saül, tropical primary forest along trail (route bleu, 8) to Monts La Fumée, c. 1 km N of Saül, c. 3°38'N, 53°12'W, on leaves of undergrowth, c. 300 m.

leg. H. Sipman 32094.

d.d. 9 January 1988

144. *Strigula viridiseda* (Nyl.) Harris

det. A. Aptroot, 1993.

FRENCH GUIANA, Cayenne, gardens around the ORSTOM buildings, c. 4°56'N, 52°17'W, epiphyte on *Andira inermis*, c. 10 m.

leg. H. Sipman 31528.

d.d. 3 January 1988

145. *Syncesia farinacea* (Fée) Tehler

det. H. Sipman, 1997.

COSTA RICA, Heredia, Volcán Barba, N of Heredia, along track Sacramento-entrance Parque Nacional Braulio Carillo, 84°05'W, 10°08'N, pastureland with relic trees of *Quercus* forest, near entrance gate, 2550 m.

leg. H. Sipman 20637.

d.d. 19 March 1985

146. *Syzygospora bachmannii* Diederich & M. S. Christ. on *Cladonia rugulosa* Ahti

det. H. Sipman, 1997.

GUYANA, Upper Mazaruni district, trail from Kamarang river to Pwipwi mountain, c. 10 km N of Waramadan, 05°57'N, 60°45'W, in rocky savanna, c. 800 m.

leg. H. Sipman & A. Aptroot 19335.

d.d. 28 February 1985

Note. The material lacks spores (comm. P. Diederich, 1997).

147. *Tapellaria nana* (Fée) Sant.

det. H. Sipman, 1992.

FRENCH GUIANA, near Sinnemary, 5 km on the Piste de St.-Elie, disturbed remnants of tropical forest along the road, c. 5°20'N, 53°02'W, on leaves of undergrowth, c. 50 m.

leg. H. Sipman 32607.

d.d. 19 January 1988

148. *Tricharia hyalina* Kalb & Vězda

det. H. Sipman, 1992.

FRENCH GUIANA, near Sinnemary. 23 km on the Piste de St.-Elie, disturbed primary tropical forest along the road, c. 5°15'N, 53°03'W, on leaves of undergrowth, c. 50 m.

leg. H. Sipman 32678.

d.d. 19 January 1988

149. *Trypethelium ochroleucum* (Eschw.) Nyl.

det. H. Sipman, 1993.

FRENCH GUIANA, Cayenne, gardens around the ORSTOM buildings, c. 4°56'N, 52°17'W, epiphyte on 40 cm. diam. *Swietenia macrophylla* trunk, c. 10 m.

leg. H. Sipman 31532.

d.d. 3 January 1988

150. *Usnea amaliae* Motyka

det. H. S. Osorio, 1991.

URUGUAY, Maldonado, Sierra de las Animas, Mirador Nacional, on exposed rock, 500 m.

leg. H. S. Osorio 9224.

d.d. 4 January 1991

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