

LICHENES MINUS COGNITI EXSICCATI

published by

National Science Museum, Tokyo

edited by

Hiroyuki KASHIWADANI

Fasc. III (nos. 51–75)

March 25, 1996

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51. *Alectoria nigricans* (ACH.) NYL.
in Lich. Scand. 71. 1861.
Spitsbergen. SE slope of Mt. Syltoppen, Bohemanflya. On sandy soil; elevation 200–
500 m. August 2, 1985
Coll.: KASHIWADANI (no. 23484) & H. DEGUCHI Det.: H. KASHIWADANI
52. *Alectoria ochroleuca* (HOFFM.) A. MASSL.
in Sched. Crit. Lich. Ital. 2:47. 1855.
JAPAN. Hokkaido. Prov. Ishikari: Mt. Tomuraushi, Daisetsu Mts., Shintoku-cho. On
rock (granite); elevation about 1780 m. July 28, 1994
Coll.: H. SHIBUICHI (no. 9627) & K. YOSHIDA Det.: H. KASHIWADANI
53. *Anaptychia obscurata* (NYL.) VAINIO
in Acta Soc. Fauna Fl. Fenn. 7:137. 1890.
JAPAN. Honshu. Prov. Mino: Kirii, Shirakawa-machi, Kamo-gun. On rocks; eleva-
tion about 500 m. April 26, 1968
Coll.: S. KUROKAWA (no. 68019) Det.: S. KUROKAWA
54. *Arctoparmelia centrifuga* (L.) HALE
in Mycotaxon 25:252. 1986.
JAPAN. Hokkaido. Prov. Ishikari: Mt. Tomuraushi, Daisetsu Mts., Shintoku-cho. On
rock (granite); elevation about 1800 m. July 28, 1994
Coll.: H. SHIBUICHI (no. 9624) & K. YOSHIDA Det.: H. KASHIWADANI
55. *Bryocaulon divergens* (ACH.) KÄRNEFELT
in Opera Botanica 86:24. 1986.
JAPAN. Hokkaido. Prov. Ishikari: Mt. Tomuraushi, Daisetsu Mts., Shintoku-cho. On
soil; elevation about 1930 m. July 28, 1994
Coll.: H. SHIBUICHI (no. 9704) & K. YOSHIDA Det.: H. KASHIWADANI
56. *Buellia disciformis* (FR.) MUDD
in Manual Brit. Lich. 216. 1861.
JAPAN. Hokkaido. Prov. Teshio: 23 km NNW of the small town Teshio at the coast, the
Wakasakanai area, S of the road from the coast to the Toyotomi Town, Toyotomi-cho,
Teshio-gun. On *Abies sachalinensis*. May 30, 1995
TLC: atranorin.
Coll.: G. THOR (no. 13622) Det.: G. THOR

57. *Chiodecton congestulum* NYL.
in Syn. Lich. Novae Caled. 2:106. 1868.
JAPAN. Yaeyama Islands (Pref. Okinawa): Iriomote-jima island, along the trail in the mountains along the Urauchi river from the small camping site between two streams 7.5 km NNW of Ohara village (2.5 km NNE of the southernmost starting point of the trail) and along the trail to c. 2 km to the WNW of the camping site, Taketomi-cho, Yaeyama-gun (24°20'N, 123°50–51'E). Elevation 120–160 m. Dense humid, oldgrowth, subtropical/tropical deciduous forest. February 11, 1995
Coll.: G. THOR (no. 13289) Det.: G. THOR
58. *Cladia aggregata* (Sw.) NYL.,
in Soc. Linn. Normand. Bull. ser. 2, 4:179. 1870.
PAPUA NEW GUINEA. Central District: Mt. Albert Edward, en route from Abios Hut to tent site. On soil; elevation about 2750 m. October 29, 1975
Coll.: S. KUROKAWA (no. 9056.) Det.: S. STENROOS
59. *Cladonia alpestris* (L.) RABENH. f. *aberrans* ABB.
in Bryologist 79:363. 1976.
JAPAN. Honshu. Prov. Kai: Along trail from Komitake Shrine to Oniwa, Mt. Fuji. On soil; elevation about 2400 m. September 13, 1970
Coll.: S. KUROKAWA (no. 70889.) Det.: H. KASHIWADANI
60. *Cladonia cenotea* (ACH.) SCHAEER.
in Lich. Helvet. Spic. 35. 1823.
JAPAN. Hokkaido. Prov. Kushiro: Around Akanuama Pond, Tsurui-mura, Akan-gun. On bark of *Alnus japonica*; elevation about 2 m. September 5, 1992
Coll.: H. KASHIWADANI (no. 36718.) Det.: H. KASHIWADANI
61. *Cladonia graciliformis* VAINIO
in Ann. Mycol. 14:55. 1916.
JAPAN. Honshu. Prov. Mutsu: Sukayu, Mt. Hakkoda. September 3, 1964
Coll.: S. KUROKAWA (no. 64235.) Det.: S. KUROKAWA
62. *Cladonia papuana* STENR.
in Ann. Bot. Fennici 23:164. 1986.
PAPUA NEW GUINEA. Western Highland District: Mt. Wilhelm, en route from the Pindaunde Lakes to the summit of Mt. Wilhelm. On soil; elevation about 4100 m. December 31, 1973
Coll.: H. KASHIWADANI (no. 10832.) Det.: S. STENROOS
63. *Cladonia pseudorangiformis* ASAH.
in J. Jpn. Bot. 18:549. 1942.
JAPAN. Hokkaido. Prov. Ishikari: Mt. Tomuraushi, Daisetsu Mts., Shintoku-cho. On soil; elevation about 1830 m. July 28, 1994
Coll.: H. SHIBUICHI (no. 9625.) Det.: H. KASHIWADANI
64. *Cladonia robbinsii* EVANS
in Trans. Conn. Acad. Arts & Sci. 35:611. 1944.
U.S.A. Garland Co: 0.6 miles E of Glandstone, just S of the Garland-Yell-Perry corner, Ouachita National Forest. On soil with grasses at the edge of a pine woods. May 24, 1988
Coll.: W. L. CULBERSON (no. 20657.) & C. F. CULBERSON Det.: W. L. CULBERSON

65. *Cladonia stricta* (NYL.) NYL.
in *Flora* 52:294. 1869.
Spitsbergen. Bohemanflya. On hums; elevation 100–200 m. August 1, 1985
Coll.: H. KASHIWADANI (no. 23362.) Det.: T. AHTI
66. *Graphina cleistoblephara* (NYL.) ZAHLBR.
in *Cat. Lich. Univ.* 2:401. 1923.
JAPAN. Kyushu. Amami Islands (Pref. Kagoshima): Amami-Oshima, 2 km NW of Yuwan village, at the parking place to the trail on the S slope of Mt. Yuwan, Uken-mura, Ohshima-gun (28°17'N, 129°19'E). On bark of *Ternstroemia gymnanthera*; elevation 480 m. February 5, 1995
Coll.: H. KASHIWADANI (no. 38719.) Det.: H. KASHIWADANI
67. *Haematomma lapponicum* RAS.
in *Flecht. Estlands* 1:67. 1931.
JAPAN. Hokkaido. Prov. Ishikari: Mt. Tomuraushi, Daisetsu Mts., Shintoku-cho. On rock; elevation about 1780 m. July 28, 1994
Coll.: H. SHIBUICHI (no. 9626) & K. YOSHIDA Det.: H. KASHIWADANI
68. *Hypogymnia hypotrypta* (NYL.) RASS. ex M. J. LAI
in *Quart. J. Taiwan Muse.* 33:210. 1980.
FORMOSA. Hwalien County. Mt. Hohuanshan, Shulin. On twig of *Abies* sp.; elevation about 3200 m. August 1, 1985
Coll.: K. YOSHIDA (no. 7000), H. SHIBUICHI & M. MINETA Det.: K. YOSHIDA
69. *Hypogymnia nikkoensis* (ZAHLBR.) RASS.
in *Novit. System. Pl. Non Vascul.* 1967, 294. 1967.
JAPAN. Honshu. Prov. Musashi (Pref. Saitama): Mt. Wanakura, Chichibu Mts., Chichibu-gun. On twigs of *Larix leptolepis*; elevation about 1980 m. May 21, 1986
Coll.: K. YOSHIDA (no. 7401) Det.: K. YOSHIDA
70. *Hypogymnia pseudophysodes* (ASAH.) RASS.
in *Novit. System. Pl. Non Vascul.* 1967, 294. 1967.
JAPAN. Prov. Musashi (Pref. Saitama): Mt. Korei, Chichibu Mts., Chichibu-gun. On twigs of *Abies veitchii*; elevation about 2200 m. May 22, 1986
Coll.: K. YOSHIDA (no. 7406) Det.: K. YOSHIDA
71. *Ochrolechia yasudae* VAINIO
in *Bot. Mag. Tokyo* 32:155. 1918.
JAPAN. Hokkaido, Prov. Nemuro: 100 km ENE of Kushiro city, N shore of Furenko Lake, just NW of road 244, Bekkai-cho, Notsuke-gun. On deciduous tree; elevation 5–10 m. June 7, 1995.
Coll.: G. THOR (no. 14427) Det.: G. THOR
72. *Pyrenula gigas* ZAHLBR.
in *Ann. Mycol.* 14:46. 1916.
JAPAN. Kyushu. Amami Islands (Pref. Kagoshima): Amami-oshima, 4.5 km NW of Nishinakama village, steep S slope just N of the road, Sumiyo-mura, Oshima-gun (28°18'N, 129°23'E). On bark of *Ilex goshiensis*; elevation 160–180 m. Dence oldgrowth subtropical deciduous forest. February 4, 1995
Coll.: H. KASHIWADANI (no. 38790) Det.: H. KASHIWADANI

73. *Pyrenula gigas* ZAHLBR.
in Ann. Mycol. 14:46. 1916.
JAPAN. Yaeyama Islands (Pref. Okinawa): Iriomote-jima island, along the trail in the mountains along the Urauchi river from 500 m N of the southernmost starting point 6 km NW of Ohara village to the small camping site between two streams 2.5 km NNE of the starting point (7.5 km NNW of Ohara village), Taketomi-cho, Yaeyama-gun (24°18–20'N, 123°51'E). On bark of *Ilex goshiensis*; elevation 160–220 m. Dense humid, oldgrowth, subtropical/tropical deciduous forest. February 10, 1995
Coll.: G. THOR (no. 13213) Det.: G. THOR
74. *Ramalina almquistii* VAINIO
in Ark. Bot. 8:17. 1909.
JAPAN. Honshu. Prov. Shinano: Mt. Yoko-dake, Yatsugatake Mts., Chino-shi. On rock; elevation about 2700 m. August 5, 1990.
Coll.: H. SHIBUICHI (no. 8794) Det.: H. KASHIWADANI
75. *Xanthoparmelia subdistorta* (KUROK.) HALE
in Phytologia 28:489. 1974.
AUSTRALIA. Western Australia: North Lake Grace, 10 miles north from Lake Grace. On soil; elevation about 250 m. December 14, 1974
Coll.: S. KUROKAWA (no. 23) Det.: S. KUROKAWA