

LICHENES MINUS COGNITI EXSICCATI

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76. *Calopadia subcoerulescens* (Zahlbr.) Vězda
in Lich. sel. exs., Brno 88:3. 1988.
JAPAN. Kyushu. Prov. Ohsumi (Pref. Kagoshima): 14 km SW of Anbo, 500 m S of Kaminomaki, at small stream with dense secondary deciduous forest at the road-side, Yakushima Island (30°14'N, 130°31'E). On leaves; elevation 50 m.
November 1, 1994
Coll.: G. THOR (no. 12546a) Det.: G. THOR
77. *Cladonia pseudevansii* Asahina
in J. Jpn. Bot. 16:187. 1940.
JAPAN. Hokkaido. Prov. Kitami: Esanuka, Sarufutsu-mura, Soya-gun. On sandy soil along the coast. September 10, 1991
Coll.: H. KASHIWADANI (no. 36335) Det.: H. KASHIWADANI
78. *Cladonia pseudorangiformis* Asahina
in J. Jpn. Bot. 18:549. 1942.
Honshu. Prov. Rikuchu (Pref. Iwate): Mt. Hayachine, Hienuki-gun. On soil; elevation about 1800 m. July 31, 1987
Coll.: H. SHIBUCHI (no. 8342), M. MINETA and K. YOSHIDA Det.: H. Kashiwadani
79. *Cladonia rangiferina* (L.) Nyl.
in Wiggers, Primit. Fl. Hols. 90. 1780.
JAPAN. Honshu. Prov. Iwashiro (Pref. Fukushima): Around Bonten-iwa, Azuma Mts., Kitashiobara-mura, Yama-gun (37°44'N, 140°09'E). On rocks; elevation about 2000 m. August 23, 1995
Coll.: K. H. MOON (no. 515) Det.: H. KASHIWADANI
80. *Crocynia gossypina* (Sw.) A. Massal.
in Atti, I.R. Istit. Veneto, ser. 3, 5:252. 1860.
JAPAN. Kyushu. Prov. Satsuma (Pref. Kagoshima): 8 km WSW of Naze city, Amami Ohshima, Yamato-son, Ohshima-gun. On tree bark; elevation 240–260 m.
February 6, 1995
Coll.: H. KASHIWADANI (no. 38752) Det.: H. KASHIWADANI
81. *Crocynia gossypina* (Sw.) A. Massal.
in Atti, I.R. Istit. Veneto, ser. 3, 5:252. 1860.
JAPAN. Kyushu. Prov. Satsuma (Pref. Kagoshima): 4.5 km NW of Nishinakama village, Amami Ohshima, Yamato-son, Ohshima-gun. On tree bark; elevation 160–180 m.
February 4, 1995
Coll.: H. KASHIWADANI (no. 38788) Det.: H. KASHIWADANI

82. *Dichosporidium boschianum* (MONT.) THOR
in *Opera Botanica* 103:64. 1990.
JAPAN. Ryukyu Islands (Pref. Okinawa): Iriomote-jima island, along the trail in the mountains along the Urauchi river, 7.5 km NNW of Ohara village, Taketomi-cho, Yaeyama-gun. On tree base; elevation 16–220 m. February 10, 1995
Coll.: G. THOR (no. 13212) Det.: G. THOR
[TLC: salazinic acid (major), norstictic acid (minor) and protocetraric acid (minor)]
83. *Dichosporidium soreliatum* THOR
in *Opera Botanica* 103:74. 1990.
JAPAN. Ryukyu Islands (Pref. Okinawa): Iriomote-jima island, along the trail in the mountains along the Urauchi river, 7.5 km NNW of Ohara village, Taketomi-cho, Yaeyama-gun. On tree base; elevation 160–220 m. February 10, 1995
Coll.: G. THOR (no. 13211) Det.: G. THOR
[TLC: protocetraric acid.]
84. *Dirinaria applanata* (FÉE) D. D. AWASTHI
in *J. Ind. Bot. Soc.* 49:135. 1970.
JAPAN. Kyushu. Prov. Satsuma (Pref. Kagoshima): Nagahama, Shimokoshiki-jima, Koshikijima Island. On bark of *Cryptomeria japonica*; elevation about 30 m.
November 17, 1990
Coll.: H. KASHIWADANI (no. 36513) Det.: H. KASHIWADANI
85. *Flavopunctelia soledica* (NYL.) HALE
in *Mycotaxon* 20:682. 1984.
JAPAN. Honshu. Prov. Shinano (Pref. Nagano): Azusayama, Kawakami-mura, Minamisaku-gun. On bark of *Zelkova serrata*; elevation about 900 m.
August 25, 1960
Coll.: Y. ASAHINA & S. KUROKAWA Det.: S. KUROKAWA
86. *Hypogymnia metaphysodes* (ASAHINA) RASS.
in *Bot. Mater. Gerb. Bot. Inst. V. A. Komarova* 22:291. 1967.
JAPAN. Hokkaido. Prov. Kitami: 12 km NW of Hamatombetsu, Sarufutsu-mura, Soya-gun. On twigs of *Picea glehni*; elevation 30 m. June 4, 1995
Coll.: G. THOR (no. 14167) Det.: G. THOR
87. *Lecanora cinereofusca* H. MAGN.
in *Meddel. Göteborgs Bot. Trädg.* 7:86. 1932.
JAPAN. Honshu. Prov. Kaga (Pref. Ishikawa): Mt. Hakusan, Ishikawa-gun. On bark of *Fagus crenata*; elevation 1100 m. June 1, 1967
Coll.: H. KASHIWADANI (no. 2718) Det.: H. KASHIWADANI
[TLC: atranorin, pannarin and placodialic acid.]
88. *Lecanora cinereofusca* H. MAGN.
in *Meddel. Göteborgs Bot. Trädg.* 7:86. 1932.
JAPAN. Honshu. Prov. Kaga (Pref. Ishikawa): Mt. Hakusan, Ishikawa-gun. On bark of *Fagus crenata*; elevation 1180 m. June 1, 1967
Coll.: H. KASHIWADANI (no. 2683) Det.: H. KASHIWADANI
[TLC: atranorin, pannarin and placodialic acid.]

89. *Lecanora lecanactina* ZAHLBR.
in Bot. Mag. Tokyo 41:344. 1927.
JAPAN. Honshu. Prov. Kaga (Pref. Ishikawa): Mt. Haku-san, Ishikawa-gun. On bark
of *Fagus crenata*; elevation 1180 m. June 1, 1967
Coll.: H. KASHIWADANI (no. 2624) Det.: H. KASHIWADANI
[TLC: atranorin (zeorin deficient race)]
90. *Parmelinella wallichiana* (TAYLOR) ELIX & HALE
in Mycotaxon 29:242. 1987
JAPAN. Honshu. Prov. Sagami (Pref. Kanagawa): Saijohji temple, Odawara-city. On
stone works; elevation about 30 m. December 15, 1996
Coll.: H. KASHIWADANI (no. 39657) Det.: H. KASHIWADANI
[TLC: atranorin and salazinic acid.]
91. *Parmotrema ultralucens* (KROG) HALE
in Mycotaxon 1:108. 1974.
JAPAN. Honshu. Prov. Izu (Pref. Shizuoka) Yagiyama, Matsuzaki-cho, Kamo-gun.
On tombstone; elevation about 20 m. February 15, 1979
Coll.: H. KASHIWADANI (no. 15027) Det.: H. KASHIWADANI
92. *Pertusaria subobductans* NYL.
in Lich. Jap. 52. 1890.
JAPAN. Honshu. Prov. Yamato (Pref. Nara): Mt. Daifugen-dake, Ohmine Mts., Yoshino-
gun. On bark of *Fagus crenata*; elevation about 1600 m. July 23, 1977
Coll.: H. SHIBUICHI (no. 5342) Det.: H. SHIBUICHI
93. *Ramalina bajacalifornica* BOWLER & RUNDEL
in Bryologist 75:365. 1972.
MEXICO. Estado de Baja California Sur: Coastal hillside above Playa Punta Lobos, 2 km
SW of Todos Santos near route 19. On *Pachycereus pringlei*; elevation about 10 m.
May 29, 1992
Coll.: H. KASHIWADANI (no. 37359) Det.: H. KASHIWADANI
[TLC: usnic acid and salazinic acid]
94. *Ramalina nervulosa* (MÜLL. ARG.) ABBAYES
in Bull. Inst. Fr. Afr. Noire 14:25. 1952.
VANUATU. Port-Vila: Radisson Royal Palm Resort. On tree bark.
December 7, 1996
Coll.: T. IWASHINA Det.: H. KASHIWADANI
95. *Ramalina pacifica* ASAHINA—ISOTYPE
in J. Jpn. Bot. 15:213. 1939.
Mariana Islands. Saipan Island. June 28, 1925
Coll.: Y. KIMURA Det.: Y. ASAHINA
[TLC: usnic acid and salazinic acid.]
96. *Ramalina subfraxinea* NYL.
in Bull. Soc. Linn. Normandie II, 4:139. 1870.
VANUATU. Port-Vila: Erakor Island. On tree bark. December 8, 1996
Coll.: T. IWASHINA Det.: H. KASHIWADANI

97. *Ramalina yasudae* RÄSÄNEN
in J. Jpn. Bot. 16:87. 1940.
JAPAN. Hokkaido. Prov. Kitami: Cape Kamui, Esashi-gun. On rocks along the coast.
September 10, 1991
Coll.: H. KASHIWADANI (no. 36306) et al. Det.: H. KASHIWADANI
[TLC: usnic acid, evernic acid and obsatonic acid.]
98. *Stereocaulon exutum* NYL.
in Lich. Jap. 18. 1890.
JAPAN. Honshu. Prov. Yamato (Pref. Nara): Mt. Sanjohgatake, Ohmine Mts. On
rocks. June 12, 1952
Coll.: M. TOGASHI (no. 48) Det.: Y. ASAHINA
99. *Xanthoparmelia peruviana* HALE
in Mycotaxon 22:284. 1985.
PERU. Dept. Cuzco. Prov. Quispicanchis: Between Urcos and Catacea; in open slope in
"Puna" zone. On soil; elevation about 4100 m. September 12, 1984
Coll.: KASHIWADANI (no. 21437) Det.: T. NASH
100. *Xanthoparmelia tuberculiformis* KUROK.
in J. Jpn. Bot. 64:291. 1989.
JAPAN. Honshu. Prov. Echigo (Pref. Niigata): Takase, Sekikawa-mura, Iwafune-
gun. On rocks. October 3, 1959
Coll.: M. TOGASHI Det.: S. KUROKAWA
[TLC: usnic acid, fumarprotocetraric acid (major) and protocetraric acid (minor).]