

Dupla Graecensia Lichenum (2020, numbers 1191–1290)

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OBERMAYER W. 2020: Dupla Graecensia Lichenum (2020, numbers 1191–1290). - Fritschiana (Graz) 96: 1–28. - ISSN 1024-0306.

Abstract: The exsiccata 'Dupla Graecensia Lichenum (2020, numbers 1191–1290)' comprises 100 collections (747 specimens) of lichen duplicates from the following 18 countries: Albania (district of Shkodër), Australia (state of Queensland), Austria (states of Carinthia, Salzburg, Styria, Tyrol, Upper Austria, and Vorarlberg), Brazil (states of Mato Grosso and Mato Grosso do Sul), Canada (territory of Nunavut), China (Tibet, province Xizang), Croatia (island of Košljun), Czech Republic (North Bohemia and South Bohemia), Greece (islands of Corfu and Rhodes), Italy (region of Veneto and autonomous region of Trentino - Alto Adige), Nepal, New Zealand (South Island), Portugal (Madeira Island), Slovenia, Spain (Canary Islands), Switzerland (canton of Bern), Thailand (province of Chumphon), and Venezuela (state of Merida). Isotype specimens of *Buellia maungatuensis* are distributed. TLC-investigations were carried out for 40 issued taxa.

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Introduction

The dwarf-exsiccata 'Dupla Graecensia Lichenum' is issued by the herbarium of the Institute of Biology (botany section) of the Karl-Franzens-University, Graz, Austria (international herbarium acronym: GZU). It includes lichens (and sometimes lichenicolous fungi) from all over the world with at least five duplicates of each collection. Each institution receiving a duplicate is cited (at the bottom line of each individual label) with its international herbarium acronym: The herbaria in Canberra (CANB), Graz (GZU), Munich (M), New York (NY), and Uppsala (UPS) are receiving specimens of all distributed numbers continuously. 'Dupla Graecensia Lichenum' is published as text version (with online corrections) under <https://static.uni-graz.at/fileadmin/nawi-institute/Botanik/Fritschiana/Dupla-Graecensia-Lichenum/dupla-graecensia-lichenum-text-version-only.htm>. A downloadable PDF-file can be found under <https://static.uni-graz.at/fileadmin/nawi-institute/Botanik/Fritschiana/fritschiana-96/fritschiana-096.pdf>.

Label texts originally drafted in a local language have been translated into English by the author. The names of authors of lichenized fungi are given in a NOT abbreviated style and are (mostly) taken from <https://www.mycobank.org/>. The geographical classification system of the European Alps (using the terms 'Western Alps' and 'Eastern Alps') follows a classification used by Sergio MARAZZI (2005): Atlante orografico delle Alpi. SOIUSA. Suddivisione orografica internazionale unificata del Sistema Alpino. - Priuli & Verlucca (Scarmagno).

I wish to thank all the collectors and keepers of private herbaria for their contributions, in particular Franz BERGER, Josef HAFELLNER, Klaus KALB, Helmut MAYRHOFER, Zdeněk PALICE, and Roman TÜRK. The following colleagues are kindly acknowledged for additional determinations: Philippe CLERC (*Usnea*), Kerry KNUDSEN (*Acarospora*), and Tiina RANDLANE (*Allocetraria*). Josef HAFELLNER and Helmut MAYRHOFER have kindly checked the label text.

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1191. *Acarospora cervina* (Acharius) Abramo Massalongo

SLOVENIA, [Primorska], Eastern Alps, Julian Alps, 13 km northeast of Bovec, massif of Mangart, slopes south of Mangartska koča (Mangart refuge), 46°26'10"N, 013°38'45"E, elevation 1880 m, alpine vegetation fragments and rocks of limestone, partly slightly siliceous, on low outcrops. – 5 July 2003, collected by Helmut Mayrhofer (19885), determined by Kerry Knudsen (2017).

distributed to: **CANB, GZU, M, NY, UPS, hb.Kalb**

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1192. *Acarospora sinopica* (Wahlenberg) Körber

AUSTRIA, Steiermark (=Styria), Eastern Alps, Wölz Tauern, 10.8 km west-northwest of the centre of Oberzeiring, 2.5 km north of Lachtal, 2.4 km northwest of 'Klosterneuburger Hütte', ridge area between 'Kleiner Zinken' and 'Hoher Zinken', 47°16'20"N, 014°20'55"E, (grid number 8752/1), elevation 2160 m, alpine vegetation with rock outcrops, on heavy metal rich mica schist. – 7 November 1994, collected by Alois Wilfling (L519), determined by Markus Möslinger.

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1193. *Allocetraria ambigua* (Churchill Babington) Kurokawa & Ming-Jou Lai

NEPAL, East-Nepal, Khumbakarna-Himal, Dhankuta district, Barun valley, c. 27°51'N, 087°04'E, elevation 5000 m, on ground (sandy soil). – October 1972, collected by Tony Wraber, determined by Tiina Randlane (1994).

Note: TLC (Andres Saag, Tartu 1994): Usnic acid, lichesterinic and protolichesterinic acids, secalononic acid C.

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1194. *Arthonia didyma* Körber

AUSTRIA, Oberösterreich (=Upper Austria), Northern Alpine Foreland, Kobernaußerwald, 9.8 km northwest of Frankenmarkt, 1.6 km west-northwest of the valley area 'Hocheck', southeast of the summit 'Wienerhöhe', 48°02'59"N, 013°19'41"E, (grid number 7945/2), elevation 700 m, wet area with dying trees of *Fraxinus excelsior* in a mixed forest, on bark of *Fraxinus excelsior*. – 26 February 2019, collected and determined by Franz Berger (33886).

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1195. ***Arthonia ruana*** Abramo Massalongo

[recently used synonym: *Arthothelium ruanum*]

AUSTRIA, Oberösterreich (=Upper Austria), Northern Alpine Foreland, Kobernaußerwald, 9.8 km northwest of Frankenmarkt, 1.6 km west-northwest of the valley area 'Hocheck', southeast of the summit 'Wienerhöhe', 48°02'59"N, 013°19'41"E, (grid number 7945/2), elevation 700 m, wet area with dying trees of *Fraxinus excelsior* in a mixed forest, on bark of *Fraxinus excelsior*. – 26 February 2019, collected and determined by Franz Berger (33891).

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1196. ***Arthonia spadicea*** Leighton

AUSTRIA, Oberösterreich (=Upper Austria), Bohemian Massif, 5.2 km south-southeast of the centre of 'Neustift im Mühlkreis', valley of the rivulet Ranna 1 km north of its mouth into the river Danube (Rannamühl), 48°29'03"N, 013°46'36"E, (grid number 7548/2), elevation 320 m, strongly shadowed spruce forest (c. 30 years old), on bark of *Picea abies* (damaged by bark-beetles). – 21 February 2018, collected and determined by Franz Berger (32837).

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1197. ***Bacidia* (cf.) *circumspecta*** (Nylander ex Vainio) Malme

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, Noric Alps, Nockberge, 12 km east of the centre of 'Spital an der Drau', Döbriach, 46°46'N, 013°39'E, (grid number 9247/2), elevation 621 m, close to a brook, on bark of *Sambucus nigra*. – 18 May 2019, collected by Roman Türk (60292), determined by Walter Obermayer (2020).

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1198. ***Bacidina sulphurella*** (Sampaio) Markus Hauck
& Volkmar Wirth

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland, Oststeirisches Riedelland, 6 km northeast of the centre of Graz, forestry road from Stifting to 'Auf der Ries', 1.3 km northeast of Fuchsriegel, 47°05'39"N, 015°30'36"E, (grid number 8959/1), elevation 450 m, mixed forest (with *Abies alba*, *Pinus sylvestris*, *Picea abies*, *Fagus sylvatica*, etc.), along a forestry road, on bark of dead *Alnus glutinosa*. – 24 December 2019, collected and determined by Walter Obermayer (15221).

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1199. ***Baeomyces rufus*** (Hudson) Rebentisch

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Stubalpe, 17 km W of Köflach, 1 km southwest of Salzstiegelhaus, just west of the path to Speikkogel, 47°03'40"N, 14°51'50"E, (grid number 8955/1), elevation 1600 m, west exposed forest with *Picea abies*, *Larix decidua*, and some intermixed *Sorbus aucuparia*, on earthy raw soil. – 25 October 2020, collected and determined by Walter Obermayer (15361).

Note: TLC (specimen in GZU tested): Stictic acid, constictic acid, gyrophoric acid (in apothecia).

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1200. ***Buellia maungatuensis*** Elix & Helmut Mayrhofer
- ISOTYPE -

NEW ZEALAND, South Island, Otago, Mount Maungatua, southwest of Dunedin, c. 500 m west of the summit, 45°54'S, 170°08'E, elevation 850 m, on rock. – 31 January 1985, collected by Helmut Mayrhofer (10477), Hannes Hertel & Alan Mark, determined by Jack Elix (2016/2017).

Note: TLC (Elix, 2017; all specimens tested): Norstictic acid (maj.), connorstictic acid (min./tr.). - Original description: Elix J.A. & Mayrhofer H. 2017: New species and new records of buellioid lichens (Physciaceae, Ascomycota) from New Zealand. - Telopea 20: 75–84.

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1201. ***Buellia ocellata*** (Flörke) Körber

NEW ZEALAND, South Island, Canterbury, Canterbury Plains, 11 km east of Rakaia, south-east of Bankside, Bankside Scientific Reserve, 43°44'S, 172°09'E, elevation 70 m, on siliceous pebbles (on the ground). – 14 January 1985, collected by Helmut Mayrhofer (21603) [excursion together with Hannes Hertel, Colin Meurk & Brian Molloy], determined by Jack Elix (2017).

Note: TLC (Elix 2017): Arthothelin, 4,5-dichloronorlichexanthon (beige thallus UV+orange, K-). All specimens are intermixed with *Buellia aethalea* (grayish thallus UV-, K+ red due to norstictic acid).

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1202. ***Caloplaca obscurella*** (Johann Lahm ex Körber)
Theodor Fries

CZECH REPUBLIC, North Bohemia, Krkonoše Mountains, Semily district, 800–850 m north-west of the church of Vítkovice, 50°41'29.5"N, 015°31'12.9"E, elevation 772 m, tree alley along roadside, on bark of *Acer pseudoplatanus*. – 3 May 2019, collected and determined by Zdeněk Palice (26857).

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1203. ***Calvitimela armeniaca*** (DeCandolle) Hafellner

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 19.5 km northwest of the centre of Knittelfeld, 600 m south-southeast of the summit of Hochreichhart, southeast-facing slopes between the ridge Schmähhausrücken and the saddle Brandstättertörl, 47°21'32"N, 014°41'03"E, (grid number 8654/1), elevation 2260 m, boulderfield, on strongly inclined (and overhanging) faces of a gneissic rock. – 19 October 2018, collected and determined by Walter Obermayer (14121).

Note: TLC (specimen in GZU tested): Protocetraric acid, alecortalic acid, barbatolic acid (?), roccellic acid, unknown (in A above alecortalic acid).

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1204. ***Candelaria pacifica*** Westberg

CZECH REPUBLIC, South Bohemia, Šumava Mountains, 11.2 km southwest of Volary, Nové Údolí, abandoned village 'Krásná hora', 48°50'36"N, 013°46'14.1"E, elevation 882 m, on bark of *Robinia pseudacacia*. – 25 October 2014, collected and determined by Zdeněk Palice (18305).

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1205. ***Candelariella medians*** (Nylander) Annie Lorrain Smith

ALBANIA, Northern Albania, Shkodër district, Shkodër, Rozafa (castle hill), at the southern edge of the town, 42°02'55"N, 019°29'40"E, elevation 50 m, rocky slope exposed to the north, on low outcrops of limestone. – 23 August 2007, collected and determined by Josef Hafellner (80788) [excursion together with Mauro Tretiach, Lucia Muggia, Massimiliano Piccotto, and Jani Marka].

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1206. ***Catillaria nigroclavata*** (Nylander) Julius Steiner

ITALY, Veneto, 10 km northeast of the centre of the city of Venice, Comune Cavallino-Treporti, near Treporti, 45°28'05.6"N, 012°27'19.6"E, elevation 3 m, avenue trees, on bark of *Robinia pseudacacia*. – 26 May 2002, collected and determined by Klaus Kalb.

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1207. ***Cetraria sepincola*** (Ehrhart) Acharius

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Stubalpe, 17 km W of Köflach, 1 km southwest of Salzstiegelhaus, just west of the path to Speikkogel, 47°03'40"N, 14°51'50"E, (grid number 8955/1), elevation 1600 m, open west exposed forest with *Picea abies*, *Larix decidua*, and some intermixed *Sorbus aucuparia*, on twigs of *Larix decidua*. – 25 October 2020, collected and determined by Walter Obermayer (15367).

Note: TLC (specimen in GZU tested): Protolichesterinic acid (maj.), lichesterinic acid (min.).

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1208. ***Cetrariella delisei*** (Bory ex Schaerer) Kärnefelt & Arne Thell

CANADA, Nunavut, Victoria Island, Kitikmeot Region, Cambridge Bay (=Iqaluktuuttiaq), 69°08'00"N, 105°03'11"W, elevation 23 m, on soil over siliceous rocks. – 26 July 2018, collected and determined by Roman Türk (60060).

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1209. ***Cetrelia cetrarioides*** (Delise ex Duby) William L. Culberson
& Chicita F. Culberson

AUSTRIA, Steiermark (=Styria), Eastern Alps, Wölz Tauern, 6.3 km southeast of the centre of Öblarn, valley of Walchen, 1.5 km east-southeast of "Gasthof zum Bergkreuz", 47°25'23"N, 014°03'16"E, (grid number 8550/3), elevation 1050 m, northeast exposed montane spruce forest, on bark of *Alnus incana* (almost lying stem, 1 m above ground). – 13 August 2020, collected and determined by Walter Obermayer (15314).

Note: TLC (specimen in GZU and CANB tested): Atranorin (min./tr.), perlatolic acid syndrome (maj.).

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1210. ***Cetrelia olivetorum*** sensu stricto (Nylander)
William L. Culberson & Chicita F. Culberson

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland, Weststeirisches Riedelland, 16 km south of the centre of Graz, 1.7 km west of the centre of Wundschuh, Kaiserwald-area, southwestern shore of the pond 'Neuteich', 46°55'38"N, 015°25'40"E, (grid number 9058/4), elevation 330 m, mixed forest along the shore, on *Quercus robur* (bark of branches fallen down from treetop). – 26 June 2019, collected and determined by Walter Obermayer (15212).

Note: TLC (specimen in GZU tested): Atranorin (min.), olivetoric acid (maj.), unknowns. All other specimens tested with spot test (medulla C+ red).

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1211. ***Chrysothrix chlorina*** (Acharius) Jack Rodney Laundon

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 15.5 km northwest of the centre of Knittelfeld, valley of Ingering, 4.6 km north-northwest of the centre of 'Ingering II', 47°18'29"N, 014°40'29"E, (grid number 8654/3), elevation 1100 m, siliceous outcrops in a spruce forest (along the road), on overhanging rock faces (exposed to the west). – 19 October 2018, collected and determined by Walter Obermayer (14059).

Note: TLC (specimen in GZU tested): Calycin, vulpinic acid, zeorin (contamination?), two fatty acids, unknown.

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1212. ***Cladonia pyxidata*** (Linnaeus) Hoffmann
subspecies *pocillum* (Acharius) Eilif Dahl

AUSTRIA, Steiermark (=Styria), Eastern Alps, Northern Limestone Alps, south facing slopes of Dachstein Massif, 5.1 km northwest of the centre of Ramsau, 400 m north of Neustattalm, southwest facing slopes of Schönbühel, near Waldboden, 47°26'15"N, 13°36'20"E, (grid number 8547/2), elevation 1530-1580 m, southwest-facing slopes of an open *Larix decidua* forest, on coniferous litter and bryophytes (above a limestone rock). – 2 November 2020, collected and determined by Walter Obermayer (15382).

Note: TLC (specimen in GZU tested): Fumarprotocetraric acid (maj.), protocetraric acid (tr.), unknowns.

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1213. ***Cladonia pyxidata*** (Linnaeus) Hoffmann
subspecies *pocillum* (Acharius) Eilif Dahl

GREECE, Rhodes, near the bay of Navarone, road from Lindos to Pefki (=Pefkos), 2.2 km southwest of the centre of Lindos, 1.6 km east-northeast of the beach of Pefki, 460 m east of the switchback of the road (which is near the 'Prophet Elias monastery'), 36°04'40"N, 028°03'58"E, elevation 55 m, rocky cut-slope along the road, on earthy layer over almost vertical faces of limestone (northeast exposed). – 11 September 2020, collected by Mila Raspa (MR-00345), determined by Walter Obermayer (2020).

Note: TLC (specimen in GZU tested): Fumarprotocetraric acid.

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1214. ***Cladonia strepsilis*** (Acharius) Grognot

AUSTRIA, Oberösterreich (=Upper Austria), Bohemian Massif, 5.6 km northwest of 'Haibach ob der Donau', 2.3 km north-northwest of the centre of Schlögen, area of Steinerfelsen (close to the river Danube), 48°26'37"N, 013°51'38"E, elevation 462 m, thermophilic rocky heath, on duff (= raw humus) under trees of *Pinus sylvestris*. – 17 October 2019, collected and determined by Franz Berger (34317).

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1215. ***Cladonia uncialis*** (Linnaeus) Weber
ex Friedrich Heinrich Wiggers

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Stubalpe, 18.5 km west of the centre of Köflach, Stubalpe, 2.6 km southwest of Hirscheeggarsattel (Salzstiegelhaus), south facing slopes of Speikkogel, 47°03'22"N, 014°50'30"E, (grid number 8955/1), elevation 1950 m, alpine vegetation with siliceous rocks, on ground. – 14 August 2016, collected and determined by Walter Obermayer (13825c).

Note: TLC (specimen in GZU tested): Usnic acid, squamatic acid.

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1216. ***Cladonia verticillata*** (Hoffmann) Schaerer

[recently used synonym: *Cladonia cervicornis* subspecies *verticillata*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Schladming Tauern, 11.8 km south-southeast of the centre of Großsölk, 1.2 km southwest of 'St. Nikolai im Sölkta', 47°18'40"N, 014°02'00"E, (grid number 8650/3), elevation 1160 m, pasture ground (close to a transitional mire), on siliceous boulder (50 cm height; horizontal faces). – 14 August 2020, collected and determined by Walter Obermayer (15306).

Note: TLC (specimen in GZU tested): Fumarprotocetraric acid (maj.; four related substances in traces). Thallus Pd+ red.

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1217. ***Coenogonium pineti*** (Acharius) Lücking & Lumbsch

[recently used synonym: *Dimerella pineti*]

AUSTRIA, Salzburg, Northern Alpine Foreland (close to the border of the Alps), 2.4 km west-northwest of the centre of 'Obertrum am See', near the village Außerwall, 47°56'41"N, 013°02'39"E, (grid number 8044/3), elevation 615 m, on bark of *Picea abies* (stem height 1.2–2 m). – 2 May 2019, collected and determined by Roman Türk (60245).

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1218. ***Collema nigrescens*** (Hudson) DeCandolle

GREECE, Kérkyra Island (=Corfu Island), 15 km (as the crow flies) south of the centre of Kérkyra city, southwest of the centre of Moraitika, 39°28'47"N, 019°55'16"E, elevation 80 m, east-facing slopes (forest with mainly *Olea europaea*), on bark of old *Olea europaea*. – 7 August 2018, collected by Mila Raspa (MR-00115), determined by Walter Obermayer (2020).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1219. ***Cyphelium tigillare*** (Acharius) Acharius

[recently proposed name: *Calicium tigillare*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Northern Limestone Alps, south facing slopes of Dachstein Massif, 4.8 km northwest of the centre of Ramsau, forestry road from Neustattalm via Waldboden-area to Maralm, 150 m north of Neustattalm, 47°26'15"N, 13°36'20"E, (grid number 8547/2), elevation 1535 m, northwest-facing slopes of a *Larix decidua* forest (along a forestry road), on bark of *Larix decidua* (near the base). – 2 November 2020, collected and determined by Walter Obermayer (15374).

Note: The occurrence on bark is only rarely documented.

distributed to: **CANB, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1220. ***Dirinaria rhodocladonica*** Kalb, Schumm & Elix

BRAZIL, Mato Grosso do Sul, between Sidrolândia and Nioaque, c. 80 km southwest of Campo Grande, 21°05'S, 055°30'W, elevation 550 m, on fence posts (along a pasture). – 16 November 1979, collected by Klaus Kalb (42569) & Gertude Plöbst, determined by Klaus Kalb.

Note: TLC (Kalb): Atranorin (maj.), divaricatic acid (maj.), nordivaricatic acid (min./tr.), rhodocladonic acid (submaj./min.), unknown terpenoids.

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1221. ***Evernia prunastri*** (Linnaeus) Acharius

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, 2.7 km north of the centre of Sankt Radegund, Schöckl area, path from Schöcklkreuz to Schöcklkopf, 400 m west-southwest of the chapel Schöcklkreuz, 47°12'12.6"N, 015°28'43.3"E, (grid number 8758/4), elevation 1220 m, free standing trees (due to a windbreakage), on stem bark of *Acer pseudoplatanus*. – 30 December 2017, collected and determined by Walter Obermayer (13980).

Note: TLC (specimen in GZU examined): Atranorin, chloroatranorin, evernic acid, usnic acid (min.), two fatty acids (min.).

distributed to: **CANB, E, GZU, HMAS, LE, M, NY, TNS, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1222. ***Felipes leucopellaeus*** (Acharius) Fritsch & Göran Thor

[recently used synonym: *Arthonia leucopellaea*]

AUSTRIA, Oberösterreich (=Upper Austria), Northern Alpine Foreland, Kobernaußerwald, 8.2 km southwest of Lohnsburg, valley of Riedlbach, 900 m north-northeast of Winterleiten, 48°04'35"N, 013°21'48"E, (grid number 7946/1), elevation 625 m, spacious 'selection cutting' coniferous forest, on bark of a felled *Abies alba*. – 2 April 2018, collected and determined by Franz Berger (33024).

distributed to: **CANB, E, GZU, M, NY, UPS, hb. Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1223. *Flavoparmelia caperata* (Linnaeus) Hale

GREECE, Kérkyra Island (=Corfu Island), 15 km (as the crow flies) south of the centre of Kérkyra city, southwest of the centre of Moraitika, just north of the village Chlomatiana, 39°27'55"N, 019°55'20"E, elevation 70–80 m, east-facing slopes (forest with mainly *Olea europaea*), on bark of young *Olea europaea*. – 10 August 2018, collected by Mila Raspa (MR-00116), determined by Walter Obermayer (2020).

Note: TLC (specimen in GZU tested): Usnic acid, protocetraric acid, caperatic acid syndrom, unknown. Specimen in GZU with apothecia. All specimens issued with accompanying *Parmotrema perlatum* (TLC from GZU-specimen: Atranorin, chloroatranorin, stictic acid, constictic acid, menegazziaic acid).

distributed to: **CANB, E, GZU, M, NY, UPS, hb. Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

**1224. *Fuscopannaria leucosticta* (Tuckerman)
Per Magnus Jørgensen**

GREECE, Kérkyra Island (=Corfu Island), 15 km (as the crow flies) south of the centre of Kérkyra city, southwest of the centre of Moraitika, just north of the village Chlomatiana, 39°27'55"N, 019°55'20"E, elevation 70–80 m, east-facing slopes (forest with mainly *Olea europaea*), on bark of old *Olea europaea*. – 10 August 2018, collected by Mila Raspa (MR-00118), determined by Walter Obermayer (2020).

Note: Specimen in GZU with intermixed *Normandina pulchella*.

distributed to: **CANB, E, GZU, M, NY, UPS, hb. Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

**1225. *Glaucumaria bicincta* (Ramond) Sergii Kondratyuk
[recently used synonym: *Lecanora bicincta*]**

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 18 km northwest of the centre of Knittelfeld, 9 km north of the village 'Ingering II', south facing slopes of Hochreichhart, path from Schmähhausrücken to the summit, 47°21'06"N, 014°40'46"E, (grid number 8654/1), elevation 2000 m, ridge area with rock-outcrops in alpine vegetation, on siliceous (Fe-rich), overhanging rock faces (exposed to the south). – 19 October 2018, collected and determined by Walter Obermayer (14086).

Note: Associated species (in GZU-specimen): *Pleopsidium chlorophanum*.

distributed to: **CANB, E, GZU, M, NY, UPS, hb. Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1226. *Lecanora epanora* (Acharius) Acharius

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Stubalpe, 6.4 km southeast of Obdach, valley of Rossbach, southeast of the farmstead Theisinger, 47°02'18"N, 014°45'57"E, (grid number 8954/4), elevation 1050 m, forest glade, on gneissic rocks (rich in heavy metals). – 27 May 1994, collected and determined by Markus Möslinger (L160-b) [excursion together with Josef Hafellner, Alois Wilfling, and Heribert Köckinger].

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1227. *Lecanora polytropa* (Ehrhart) Rabenhorst

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, mountains north of Seckau, ridge area between Hämmerkogel and Schwaigerhöhe, 47°20'25"N, 014°45'25"E, (grid number 8654/4), elevation 2130 m, windblown ridge with open alpine vegetation, on gneissic fieldstones. – 15 October 2017, collected and determined by Josef Hafellner (83734).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1228. *Lecidella elaeochroma* agg.

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, 2.5 km north-northwest of the centre of Sankt Radegund, Schöckl area, 50 m southeast below the summit Schöcklkopf, 47°12'04"N, 015°28'34"E, (grid number 8758/4), elevation 1410 m, edge of a mixed forest (with *Picea abies*, *Fagus sylvatica*, and *Acer pseudoplatanus*), on bark of dead *Fagus sylvatica*. – 9 March 2019, collected and determined by Walter Obermayer (15186).

Note: Basal area of the hymenium inspersed.

distributed to: **CANB, E, GZU, M, NY, UPS, hb. Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1229. *Lecidella elaeochroma* agg.

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, 5.5 km east-northeast of the centre of Friesach, northeast facing slopes of 'Hohe Rannach', Rannachgraben, 800 m northwest of Buchhofer, 47°10'51"N, 015°24'24"E, (grid number 8858/1), elevation 590 m, forest area with *Acer pseudoplatanus* and *Fagus sylvatica*, on bark of twigs of *Fraxinus excelsior* (lying on the ground). – 26 October 2018, collected and determined by Walter Obermayer (14061).

distributed to: **CANB, GZU, M, NY, UPS, hb. Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1230. ***Lecidella elaeochroma*** agg.

AUSTRIA, Vorarlberg, Eastern Alps, Allgäu Alps, 13.7 km southwest of the centre of Oberstdorf (in Germany), 3.8 km northwest of Mitterberg, path from 'Ifenhütte' to the summit of 'Hoher Ifen', 47°20'56"N, 010°07'15"E, (grid number 8626/4), elevation 1730 m, subalpine vegetation near the timber line, on bark and wood of *Juniperus communis*. – 23 August 2018, collected by Roman Türk (60410a), determined by Josef Hafellner (2020).

Note: TLC (specimen in GZU tested): Atranorin, two xanthones (first xanthone at the height of granulysin in A/B'/C, second xanthone above the first in A).

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1231. ***Lepra albescens*** (Hudson) Hafellner

[recently used synonym: *Pertusaria albescens*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, 2.5 km north-northwest of the centre of Sankt Radegund, Schöckl area, 50 m southeast below the summit Schöcklkopf, 47°12'04"N, 015°28'34"E, (grid number 8758/4), elevation 1410 m, edge of a mixed forest (with *Picea abies*, *Fagus sylvatica*, and *Acer pseudoplatanus*), on bark of dead *Fagus sylvatica*. – 9 March 2019, collected and determined by Walter Obermayer (15185).

Note: TLC (specimen in GZU tested): Three fatty acids of the allo-pertusaric acid syndrome.

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1232. ***Lepra corallina*** (Linnaeus) Hafellner

[recently used synonym: *Pertusaria corallina*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Schladming Tauern, 11.8 km south-southeast of the centre of Großsölk, 1.2 km southwest of 'St. Nikolai im Sölkta', 47°18'40"N, 014°02'00"E, (grid number 8650/3), elevation 1160 m, pasture ground (close to a transitional mire), on siliceous boulder (50 cm height; horizontal and inclined faces). – 14 August 2020, collected and determined by Walter Obermayer (15325).

Note: TLC (specimen in GZU tested): Thamnic acid (maj.).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1233. *Lepraria diffusa* (Jack Rodney Laundon) Kukwa
[recently used synonym: *Leproloma diffusum*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, 2.5 km north-northwest of the centre of Sankt Radegund, Schöckl area, 50 m southeast below the summit Schöcklkopf, 47°11'56"N, 015°28'40"E, (grid number 8758/4), elevation 1220 m, south-facing steep calcareous cliffs, on plant remnants in cracks of strongly inclined faces of limestone (near the ground). – 22 April 2019, collected and determined by Walter Obermayer (14180).

Note: TLC (all specimens tested; the more light-greenish parts and the more yellowish parts show the same chemistry): 4-oxypannaric acid 2-methylester (maj.), unknowns (min./tr.).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1234. *Leptogium saturninum* (Dickson) Nylander

AUSTRIA, Steiermark (=Styria), Eastern Alps, Wölz Tauern, 16.8 km south-southeast of the centre of Irdning, 4.4 km southeast of Donnersbachwald, near the confluence of the brooks Lärchkarbach and Donnersbach, 47°21'23"N, 014°09'28"E, (grid number 8650/2), elevation 1085 m, floodplain area of the brook Lärchkarbach, on bark of *Alnus incana* (partly covered with bryophytes). – 15 August 2020, collected and determined by Walter Obermayer (15305).

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1235. *Letharia vulpina* (Linnaeus) Hue

AUSTRIA, Steiermark (=Styria), Eastern Alps, Wölz Tauern, 3.2 km southwest of the centre of Pusterwald, Bärenthal, just south of Steinbachhütte (at the path to Grillerhütte), 47°17'10"N, 014°20'55"E, (grid number 8752/4), elevation 1580 m, single trees of *Larix decidua* (in a clearing of a montane forest), on bark of *Larix decidua*. – 11 July 2009, collected and determined by Josef Hafellner (73357).

Note: All specimens with pycnidia.

distributed to: **CANB, E, GZU, M, NY, UPS, hb. Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1236. *Leucodermia leucomelos* (Linnaeus) Klaus Kalb
[recently used synonym: *Heterodermia leucomelos*]

SPAIN, Canary Islands, El Hierro, El Golfo, south above the village Frontera, Hoya Pequeña, 27°44'40"N, 017°59'55"W, elevation 820 m, *Castanea-Juglans*-grove, on bark of limbs and twigs of *Juglans regia*. – 12 February 1995, collected and determined by Josef Hafellner (85083).

distributed to: **CANB, E, GZU, HMAS, LE, M, NY, TNS, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1237. *Lobaria linita* (Acharius) Rabenhorst

AUSTRIA, Vorarlberg, Eastern Alps, Verwall Alps, Hochjoch-Massif, 5 km east-southeast of the centre of Schruns, near southern shore of the lake Schwarzsee, 47°04'08"N, 009°58'55"E, (grid number 8952/2), elevation 2100 m, north-exposed amphibolitic rock cliffs, on inclined rock faces. – 6 August 2008, collected and determined by Josef Hafellner (78904).

Note: TLC (specimen in GZU tested): Methyl gyrophorate (maj.), tenuiorin (min.), unknown (4?/6-7/5-6).

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1238. *Lobaria pulmonaria* (Linnaeus) Hoffmann

SPAIN, Canary Islands, Tenerife, Cordillera Dorsal, Bosque de la Esperanza, near the road (TF-24), c. 4 km northeast below Las Lagunetas, 28°25'40"N, 016°23'15"W, elevation 1250 m, *Pinus canariensis* forest, on bark of *Pinus canariensis*. – 9 February 1989, collected by Josef Hafellner (83952) & Angela Hafellner, determined by Josef Hafellner.

Note: All specimens with apothecia.

distributed to: **CANB, E, GZU, HMAS, LE, M, NY, TNS, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1239. *Loxospora elatina* (Acharius) Abramo Massalongo

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Koralpe, Reinischkogel-Massif, 11.2 km northwest of the centre of Stainz, southwest of the hilltop Straußkogel, northeast of the dilapidated building Dornermühle, 46°57'15"N, 015°08'50"E, (grid number 9056/3), elevation 1060 m, forest with *Picea abies* and *Abies alba*, on bark of *Picea abies*. – 18 June 2006, collected by Josef Hafellner (70544) & Lucia Muggia, determined by Josef Hafellner.

Note: TLC (specimen in GZU tested): Thamnic acid (maj.), elatinic acid (maj.), unknowns (min.).

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1240. *Melanelixia glabratula* (Lamy) Sandler & Arup

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland, Oststeirisches Riedelland, 8 km northeast of the centre of Graz, forest area between Neusitz and Grafenhofsiedlung, 47°07'30"N, 015°30'38"E, (grid number 8859/3), elevation 480–490 m, mixed forest, on bark of dead *Fraxinus excelsior*. – 7 January 2018, collected and determined by Walter Obermayer (13987).

Note: Isidia show all transitions from simple ones to densely coralloid branched ones.

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1241. *Miriquidica garovaglii* (Schaerer) Hertel & Rambold

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 19.5 km northwest of the centre of Knittelfeld, 600 m south-southeast of the summit of Hochreichhart, southeast-facing slopes between the ridge Schmähhausrücken and the saddle Brandstättertörl, 47°21'32"N, 014°41'03"E, (grid number 8654/1), elevation 2260 m, boulderfield, on slightly inclined faces of gneissic rock. – 19 October 2018, collected and determined by Walter Obermayer (14120).

Note: TLC (specimen in GZU tested): Miriquidic acid, stictic acid syndrome.

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1242. *Multiclavula mucida* (Persoon) Ronald Petersen

AUSTRIA, Steiermark (=Styria), Eastern Alps, Northern Limestone Alps, Totes Gebirge, 10 km east-northeast of the centre of Bad Aussee, path from Gößl (eastern shore of the lake Grundlsee) along the brook Toplitzbach to the lake Toplitzsee, 47°38'12"N, 013°54'25"E, (grid number 8349/3), elevation 720 m, forest area (with *Acer pseudoplatanus*, *Abies alba*, *Picea abies*, and *Fraxinus excelsior*) along the brook, on wood of *Picea abies* (near the ground). – 21 September 2014, collected and determined by Roman Türk (54465).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1243. *Myriolecis wetmorei* (Śliwa) Śliwa, Zhao Xin & Lumbsch
[recently used synonym: *Lecanora wetmorei*]

VENEZUELA, Mérida, Miranda district, between Almorzadero and Pinango, 08°55'N, 070°50'W, elevation 4200 m, paramo vegetation, on rotten leaves. – 6 and 17 August 1989, collected and determined by Klaus Kalb [determination confirmed by Lucyna Śliwa].

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1244. *Neofuscelia pulla* (Acharius) Esslinger
[recently proposed name: *Xanthoparmelia pulla*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, Raabklamm, 4.6 km west of the centre of Weiz, 600 m northeast of Gutenberg, orographically left side of the gorge, 47°12'55"N, 015°34'07"E, (grid number 8759/3), elevation 560 m, siliceous outcrops (schist) in open mixed forest, on east-exposed inclined rock faces. – 23 August 2009, collected and determined by Josef Hafellner (73977).

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1245. *Nephroma parile* (Acharius) Acharius

AUSTRIA, Steiermark (=Styria), Eastern Alps, Wölz Tauern, 16.8 km south-southeast of the centre of Irdning, 4.4 km southeast of Donnersbachwald, just south of the footbridge across the brook Lärchkarbach, 47°21'29.5"N, 014°09'43"E, (grid number 8650/2), elevation 1115 m, floodplain area of the brook Lärchkarbach, on stem bark of *Alnus incana* (covered with bryophytes; near the base). – 15 August 2020, collected and determined by Walter Obermayer (15301).

Note: Some specimens show intermixed *Peltigera* cf. *praetextata*.

distributed to: **CANB, E, GZU, HMAS, LE, M, NY, TNS, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1246. *Normandina pulchella* (Borrer) Nylander

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland, Oststeirisches Riedelland, 8.8 km east of the centre of Graz, 2.5 km west-northwest of Laßnitzhöhe, Äußere Ragnitz, rearmost part of the valley, 300 m south-southwest of Doktorbauer, 47°05'10"N, 015°33'03"E, (grid number 8959/1), elevation 480 m, mixed forest, on horizontal faces of a fallen *Fraxinus excelsior* (in large part covered with *Hypnum cupressiforme*). – 18 October 2020, collected and determined by Walter Obermayer (15359).

Note: The thalli covered many square decimetres of the bark of the lying (!) tree.

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1247. *Ocellularia diacida* Hale

THAILAND, Chumphon Province, Patieu district, Tambon Chumcho, surroundings of Tung Yoa waterfall, 10°46'43"N, 099°18'32.5"E, elevation 85 m, disturbed, light deciduous forest along a creek, on bark of deciduous trees. – 20 December 2015, collected by Klaus Kalb (41376) & Jutarat Sutjaritturakan, determined by Klaus Kalb.

Note: TLC (Kalb): Hirtifructic acid (maj.), conhirtifructic acid (maj.).

distributed to: **CANB, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1248. *Ocellularia umbilicata* Müller Argoviensis

BRAZIL, Mato Grosso, between São Vicente and Aquas Quentes, c. 90 km east-southeast of Cuiabá, 15°51'S, 055°31'W, elevation 650 m, cerradão (a type of dry forest found in Brazil), on bark of an unidentified tree. – 2 July 1980, collected and determined by Klaus Kalb (31668).

Note: TLC (Kalb 1998): Psoromic acid, 2'-O-methylpsoromic acid.

distributed to: **CANB, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1249. *Ophioparma ventosa* (Linnaeus) Norman

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 18 km northwest of the centre of Knittelfeld, 9 km north of the village 'Ingering II', south facing slopes of Hochreichhart, path from Schmähhausrücken to the summit, 47°21'06"N, 014°40'46"E, (grid number 8654/1), elevation 2000 m, ridge area with gneissic rock-outcrops in alpine vegetation, on inclined rock faces (exposed to the southwest). – 19 October 2018, collected and determined by Walter Obermayer (14124).

Note: TLC (specimen in GZU tested): Usnic acid, divaricatic acid, thamnolic acid, norstictic acid (tr.), haemoventosin and related pigments in apothecia.

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1250. *Parmelia omphalodes* (Linnaeus) Acharius

AUSTRIA, Steiermark (=Styria), Eastern Alps, Schladming Tauern, 11.8 km south-south-east of the centre of Großsölk, 1 km southwest of 'St. Nikolai im Sölkta', 47°18'55"N, 014°02'20"E, (grid number 8650/3), elevation 1160 m, pasture ground, on siliceous boulder (slightly inclined faces). – 14 August 2020, collected and determined by Walter Obermayer (15308).

Note: TLC (specimen in GZU tested): Atranorin (tr.), stictic acid, constictic acid, lobaric acid, lich-esterinic acid, protolichesterinic acid.

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1251. *Parmelia saxatilis* (Linnaeus) Acharius [in the narrowest sense]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Schladming Tauern, 11.8 km south-south-east of the centre of Großsölk, 1 km southwest of 'St. Nikolai im Sölkta', 47°18'55"N, 014°02'20"E, (grid number 8650/3), elevation 1160 m, pasture ground, on siliceous boulder (slightly inclined faces). – 14 August 2020, collected and determined by Walter Obermayer (15307).

Note: Specimens partly (e.g. in GZU) with intermixed *Parmelia omphalodes*. TLC (specimen in GZU tested): Atranorin (tr.), chloroatranorin (submaj.), stictic acid (maj.), constictic acid (maj.), lobaric acid (maj.), protocetraric acid (tr.), galbinic acid (?; tr.), unknown grey pigment (3-4/2/5-6).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1252. *Parmeliella triptophylla* (Acharius) Müller Argoviensis

AUSTRIA, Steiermark (=Styria), Eastern Alps, Northern Limestone Alps, south facing slopes of Dachstein Massif, 5 km east-northeast of the centre of Ramsau, southernmost area of Silberkaralm, 47°26'24"N, 013°42'56"E, (grid number 8548/2), elevation 1130 m, forest (exposed to the west) with mainly *Fagus sylvatica* and *Acer pseudoplatanus*, on bark of *Fagus sylvatica*. – 18 October 2019, collected and determined by Walter Obermayer (15292).

Note: All specimens with numerous apothecia.

distributed to: **CANB, E, GZU, HMAS, LE, M, NY, TNS, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1253. *Peltigera didactyla* (Withering) Jack Rodney Laundon

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland, Oststeirisches Riedelland, urban area of Graz, 1.9 km northeast of the centre of Graz, botanical garden of the University Graz, 'Alpinum' near the greenhouses, 47°04'55"N, 15°27'25"E, (grid number 8958/2), elevation 375 m, on bryophyte cover (above small calcareous boulders). – 25 April 2018, collected and determined by Josef Hafellner (83913).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1254. *Peltigera horizontalis* (Hudson) Baumgarten

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, 1.2 km south-southwest of Semriach, entrance area of Kesselfallklamm, 47°12'13"N, 015°23'58"E, (grid number 8758/3), elevation 585 m, gorge area with limestone rocks, shady and wet conditions, on bryophytes (covering a slightly inclined face of a boulder). – 8 December 2017, collected and determined by Walter Obermayer (13948).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1255. *Peltigera leucophlebia* (Nylander) Gyelnik

AUSTRIA, Steiermark (=Styria), Eastern Alps, Northern Limestone Alps, south facing slopes of Dachstein Massif, 5.7 km northwest of the centre of Ramsau, 1.1 km north-northwest of Neustattalm, area of Maralm, along the brook Marbach, 47°27'27"N, 13°36'03"E, (grid number 8547/2), elevation 1440–1450 m, vegetation with *Pinus mugo*, *Salix* spec., *Larix decidua*, and *Picea abies*, on coniferous litter and bryophytes (covering a strongly shadowed calcareous rock). – 2 November 2020, collected and determined by Walter Obermayer (15380).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1256. *Peltigera praetextata* (Flörke ex Sommerfelt) Zopf

AUSTRIA, Steiermark (=Styria), Eastern Alps, Wölz Tauern, 16.8 km south-southeast of the centre of Irdning, 4.4 km southeast of Donnersbachwald, near the confluence of the brooks Lärchkarbach and Donnersbach, 47°21'23"N, 014°09'28"E, (grid number 8650/2), elevation 1085 m, floodplain area of the brook Lärchkarbach, on stem bark of *Alnus incana* (near the base). – 15 August 2020, collected and determined by Walter Obermayer (15298).

Note: Isidia richly developed.

distributed to: **CANB, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
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1257. *Phaeophyscia ciliata* (Hoffmann) Moberg

AUSTRIA, Tyrol, East Tyrol, Eastern Alps, Venediger Group, westernmost area of Virgental, 18 km west of the centre of 'Matrei in Osttirol', 5.8 km west of the centre of Prägraten, waterfall ('Großbachfall') of the creek 'Umbalbach', 47°00'31"N, 012°18'00"E, (grid number 8939/4), elevation 1580 m, drizzle area of the waterfall, on young twigs of *Picea abies*. – 5 October 2016, collected and determined by Franz Berger (31237).

Note: All specimens with apothecia.

distributed to: **CANB, E, GZU, HMAS, LE, M, NY, TNS, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
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1258. *Phaeorrhiza nimbosa* (Fries) Helmut Mayrhofer & Poelt

AUSTRIA, Steiermark (=Styria), Eastern Alps, Northern Limestone Alps, Hochschwab Massif, Aflenzer Bürgeralpe, 4.4 km north of the centre of Aflenz Kurort, path from Schönleitenhaus via Endriegel to Mitteralm, just north of Windgrube, 47°35'03.4"N, 015°13'38.2"E, (grid number 8457/1), elevation 1790 m, windblown ridge (above limestone), on compact soil and bryophytes (in small crevices). – 6 October 2020, collected and determined by Helmut Mayrhofer (21901).

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1259. *Pleopsidium chlorophanum* (Wahlenberg) Zopf

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 18 km northwest of the centre of Knittelfeld, 9 km north of the village 'Ingering II', south facing slopes of Hochreichhart, path from Schmähhausrücken to the summit, 47°21'06"N, 014°40'46"E, (grid number 8654/1), elevation 2000 m, ridge area with rock-outcrops in alpine vegetation, on siliceous (iron-rich), overhanging rock faces (exposed to the south). – 19 October 2018, collected and determined by Walter Obermayer (14084).

Note: TLC (specimen in GZU tested): Rhizocarpic acid, two fatty acids (acaranoic acid, acarenoic acid).

distributed to: **CANB, E, GZU, M, NY, UPS, hb. Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

**1260. *Protoparmelia nephaea* (Sommerfelt) Rolf Santesson
ex Poelt & Obermayer**

AUSTRIA, Steiermark (=Styria), Eastern Alps, Wölz Tauern, valley of Großsölk, 1.8 km southeast of 'St. Nikolai im Sölkta', slopes southeast of Hansenalm, above a mine tunnel, 47°18'30"N, 014°03'54"E, (grid number 8650/3), elevation 1350 m, spruce forest, on mica schist (rich in heavy metals). – 27 October 1993, collected and determined by Markus Möslinger (L495-b).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1261. *Psilolechia lucida* (Acharius) Maurice Choisy

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 15.5 km northwest of the centre of Knittelfeld, valley of Ingering, 4.6 km north-northwest of the centre of 'Ingering II', 47°18'29"N, 014°40'29"E, (grid number 8654/3), elevation 1100 m, siliceous outcrops in a spruce forest (along the road), on overhanging rock faces (exposed to the west). – 19 October 2018, collected and determined by Walter Obermayer (14094).

Note: TLC (specimen in GZU tested): Rhizocarpic acid (and one accompanying substance).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1262. *Punctelia borreri* (Smith) Krog

CROATIA, Primorje-Gorski Kotar County, Košljun (tiny island in the Puntarska Draga bay, almost totally surrounded by the island of Krk, northwest of Punat), 45°01'30"N, 014°37'07"E, elevation 2 m, forest area close to the beach, on stem bark of *Pinus halepensis*. – 29 August 2017, collected and determined by Helmut Mayrhofer (21629).

Note: TLC (Kosnik & Mayrhofer): Atranorin, gyrophoric acid. All specimens with apothecia.

distributed to: **CANB, GZU, E, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
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1263. *Pycnothelia papillaria* Dufour

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Koralpe, 10.4 km southeast of the centre of Wolfsberg, 300 m southeast of Koralpenhaus, path in direction to Krakaberg, 46°47'25"N, 014°57'32.5"E, (grid number 9255/2), elevation 1975 m, cutslopes in alpine vegetation, on compact humic layer (over siliceous soil). – 24 September 2020, collected and determined by Helmut Mayrhofer (21899).

Note: TLC (specimen in GZU tested): Atranorin, protolichesterinic acid [lichesterinic and squamatic acids not detected].

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
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1264. *Ramalina celastri* (Sprengel) Krog & Swinscow

NEW ZEALAND, South Island, Canterbury, Christchurch city, New Brighton, 43°30'00"S, 172°43'30"E, elevation 7 m, sand dunes close to the ocean, on *Sambucus* (cf.) *nigra*. – 14 January 2018, collected and determined by Roman Türk (59446).

distributed to: **CANB, E, GZU, HMAS, LE, M, NY, TNS, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1265. *Ramalina farinacea* (Linnaeus) Acharius

AUSTRIA, Steiermark (=Styria), Eastern Alps, Wölz Tauern, 16.8 km south-southeast of the centre of Irdning, 4.3 km southeast of Donnersbachwald, near the confluence of the brooks Lärchkarbach and Donnersbach, 47°21'20"N, 014°09'17"E, (grid number 8650/2), elevation 1070 m, bank of the brook Donnersbach, on bark of *Alnus incana*. – 15 August 2020, collected and determined by Walter Obermayer (15299).

Note: TLC (specimen in GZU tested): Protocetraric acid (maj.), usnic acid (faint traces), norstictic acid (faint traces).

distributed to: **CANB, E, GZU, HMAS, LE, M, NY, TNS, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
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1266. *Ramalina pollinaria* agg.

AUSTRIA, Salzburg, Northern Alpine Foreland, 17 km northwest of the centre of Salzburg, 4.5 km southwest of the centre of 'Neumarkt am Wallersee', 1 km south of Weng, 47°55'35"N, 013°10'23"E, (grid number 8045/3), elevation 510 m, trees along the banks of the brook Altbach, on bark of dead *Quercus robur*. – 27 March 2020, collected and determined by Roman Türk (61103).

Note: TLC (specimen in GZU tested): Usnic acid (min.), evernic acid (maj.). Specimen in GZU with apothecia. The collections might belong to the recently separated taxon *Ramalina europaea*.

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1267. *Ramalina pollinaria* agg.

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland, Oststeirisches Riedelland, 6.6 km north-northwest of the centre of Fürstenfeld, 1.3 km northwest of 'Bierbaum an der Safen', "Tausendjährige Eiche" (a probably 1200 years old oak-tree), 47°06'18"N, 016°02'54"E, (grid number 8862/3), elevation 328 m, single, free-standing tree of *Quercus robur*, on bark. – 1 March 2019, collected and determined by Helmut Mayrhofer (21867).

Note: TLC (Mayrhofer & Kosnik): Usnic acid, evernic acid. The collections might belong to the recently separated taxon *Ramalina europaea*.

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1268. ***Ramboldia insidiosa*** (Thore Fries) Hafellner
[parasitic on *Lecanora varia*]

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, Noric Alps, Nockberge, 8.6 km north-north-east of the centre of Radenthein, 1.2 km southwest of the summit of Mallnock, along the road from Brunnacherhöhe to 'Oswalder-Bockhütte', 46°52'10"N, 013°45'28"E, (grid number 9148/2), elevation 1800 m, subalpine forest with *Larix decidua* and *Pinus cembra*, on log of *Larix decidua*. – 26 September 2008, collected and determined by Franz Berger.

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
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1269. ***Rhizocarpon geographicum*** agg.

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 18 km northwest of the centre of Knittelfeld, 8.5 km north of the village 'Ingering II', south facing slopes of Hochreichhart, path from Ingering-valley to Schmähhausrücken, 47°20'42"N, 014°40'43"E, (grid number 8654/3), elevation 1700 m, mixed forest near the timber line, on siliceous (pegmatitic) rock faces (inclined; 0.5-1.5 m above ground). – 19 October 2018, collected and determined by Walter Obermayer (14083).

Note: TLC (specimen in GZU tested): Rhizocarpic acid, barbatic acid, 4-O-demethylbarbatic acid (min.).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1270. ***Rhizoplaca chrysoleuca*** (Smith) Zopf

CHINA, Western Tibet, prov. Xizang, valley at the north facing slopes of the Mount Kailash region (Gang Rinboqê, གངས་རིན་པོ་ཆེ), 14 km north of Darchen (1 km southwest of Dirapuk Monastery), 31°06'01"N, 081°18'45"E, elevation 5020 m, alpine meadows with big siliceous boulders, on steep faces of a small conglomeratic rock. – 1 October 1999, collected and determined by Walter Obermayer (15205).

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1271. ***Rinodina mniaroea*** (Acharius) Körber

ITALY, Südtirol (= provincia autonoma di Bolzano – Alto Adige), Eastern Alps, Zillertal Alps, 20 km north-northwest of the centre of Bruneck, 2.1 km east of the Neves-reservoir, just southeast of 'Chemnitzer Hütte', along the path to the lake Tristensee, 46°57'24"N, 011°48'35"E, elevation 2430 m, alpine meadows, on ground (covering decaying turf and bryophytes). – 15 August 2013, collected and determined by Helmut Mayrhofer (21915).

Note: TLC (Mayrhofer & Kosnik): No lichen substances detected.

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
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1272. *Sagiolechia atlantica* Henssen

PORTUGAL, Madeira Island, north above São Roque do Faial, Penha de Aguiã, 32°46' 45"N, 016°50'27"W, elevation 550 m, south exposed cliffs, on volcanic rocks. – 11 February 1990, collected by Josef Hafellner (27858) & Angela Hafellner, determined by Josef Hafellner.

distributed to: **CANB, GZU, M, NY, UPS**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

**1273. *Scytinium imbricatum* (Per Magnus Jørgensen) Otálora,
Per Magnus Jørgensen & Wedin**
[recently used synonym: *Leptogium imbricatum*]

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, Ankogel Group, 1.1 km north of the centre of Mallnitz, 46°59'55"N, 013°10'26"E, elevation 1205 m, railway embankment (granite gravel, west-northwest exposed), on cushions of bryophytes and layers of fine earth. – 11 June 2017, collected and determined by Franz Berger (31546).

distributed to: **CANB, E, GZU, HMAS, LE, M, NY, TNS, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1274. *Stereocaulon alpinum* Laurer

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Koralpe, 11 km southeast of the centre of Wolfsberg, 380 m west-southwest of the summit of 'Großer Speikkogel', path from Koralpenhaus in direction to Krakaberg, 46°47'11"N, 014°58'01.4"E, (grid number 9255/2), elevation 2010 m, dwarf shrub heath with siliceous boulders, on ground (amongst *Calluna vulgaris*). – 24 September 2020, collected and determined by Helmut Mayrhofer (21898).

Note: TLC (specimen in GZU tested): Atranorin, lobaric acid, fatty acid (?bourgeanic acid).

distributed to: **CANB, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
Distributed by the herbarium GZU, University of Graz, Austria.

1275. *Stereocaulon dactylophyllum* Flörke

AUSTRIA, Steiermark (=Styria), Eastern Alps, Schladming Tauern, 11.8 km south-south-east of the centre of Großsölk, 1.2 km southwest of 'St. Nikolai im Sölkta', 47°18'40"N, 014°02'00"E, (grid number 8650/3), elevation 1160 m, pasture ground (close to a transitional mire), on siliceous boulder (50 cm height; horizontal faces). – 14 August 2020, collected and determined by Walter Obermayer (15315).

Note: TLC (specimen in GZU tested): Atranorin, stictic acid, menegazziaic acid, norstictic acid (min.). All specimens with apothecia.

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

OBERMAYER W. 2020: **Dupla Graecensia Lichenum** (2020, numbers 1191–1290). - Fritschiana 96: 1–28.
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1276. *Teloschistes chrysophthalmus* (Linnaeus) Beltramini

GREECE, Kérkyra Island (=Corfu Island), 15 km (as the crow flies) south of the centre of Kérkyra city, southwest of the centre of Moraitika, 39°28'47"N, 019°55'16"E, elevation 80 m, east-facing slopes (forest with mainly *Olea europaea*), on small twigs of *Olea europaea*. – 7 August 2018, collected by Mila Raspa (MR-00108), determined by Walter Obermayer (2020).

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1277. *Teloschistes flavicans* (Swartz) Norman

AUSTRALIA, Queensland, 20 km east-northeast of Maryborough, Tandora, inlet of Mary River, 25°27'30"S, 152°51'55"E, elevation at sea level m, mangroves along the riverbank, on branches of *Ceriops tagal*. – 23 August 1986, collected by Josef Hafellner (84245) & Roderick Rogers, determined by Josef Hafellner (2018).

Note: Specimen in GZU with apothecia.

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1278. *Thalloidima diffractum* Abramo Massalongo

[recently used synonym: *Toninia diffracta*]

AUSTRIA, Salzburg, Eastern Alps, Radstadt Tauern, 3.2 km west of the centre of Mautern-dorf, path from the summit of Großeck to the summit of Speiereck, 47°07'55"N, 013°38'15"E, (grid number 8847/4), elevation 2140 m, alpine meadows, on compressed soil. – 31 August 2019, collected and determined by Roman Türk (60494).

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**1279. *Thalloidima sedifolia* (Scopoli) Kistenich, Timdal,
Bendiksby & Stefan Ekman**

[recently used synonym: *Toninia sedifolia*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, 2.4 km northwest of the centre of Sankt Radegund, Schöckl area, 10 m north of 'Halterhütte', 47°11'50"N, 015°28'11"E, (grid number 8758/4), elevation 1370 m, pseudoalpine vegetation with low calcareous rocks, on earthy cracks of sun exposed faces of limestone (near the ground). – 15 March 2020, collected and determined by Walter Obermayer (15291).

distributed to: **CANB, E, GZU, M, NY, UPS, hb.Kalb**

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1280. ***Thalloidima sedifolia*** (Scopoli) Kistenich, Timdal,
Bendiksby & Stefan Ekman

[recently used synonym: *Toninia sedifolia*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, 2.5 km north-northwest of the centre of Sankt Radegund, Schöckl area, 50 m southeast of (below) the summit Schöcklkopf, 47°11'56"N, 015°28'40"E, (grid number 8758/4), elevation 1220 m, south-facing steep calcareous cliffs, on cracks of strongly inclined, sun exposed faces of limestone. – 22 April 2019, collected and determined by Walter Obermayer (14179).

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1281. ***Toniniopsis subincompta*** (Nylander) Kistenich,
Timdal, Bendiksby & Stefan Ekman

[recently used synonym: *Bacidia subincompta*]

AUSTRIA, Oberösterreich (=Upper Austria), Northern Alpine Foreland, Kobernaußerwald, 9.8 km northwest of Frankenmarkt, 1.6 km west-northwest of the valley area 'Hocheck', southeast of the summit 'Wienerhöhe', 48°02'59"N, 013°19'41"E, (grid number 7945/2), elevation 700 m, wet area with dying trees of *Fraxinus excelsior*, on bark of *Fraxinus excelsior*. – 26 February 2019, collected and determined by Franz Berger (33925).

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1282. ***Trapeliopsis flexuosa*** (Fries) Coppins & Peter James

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Grazer Bergland, 2.7 km north of the centre of Sankt Radegund, Schöckl area, 50 m southeast of the chapel Schöcklkreuz, parking area, 47°12'13.8"N, 015°28'58.5"E, (grid number 8758/4), elevation 1120 m, mixed forest (with *Picea abies*, *Abies alba*, and *Fagus sylvatica*), on rotten wood of a tree stump. – 9 March 2019, collected and determined by Walter Obermayer (14164).

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1283. ***Trapeliopsis granulosa*** (Hoffmann) Lumbsch

AUSTRIA, Oberösterreich (=Upper Austria), Eastern Alps, Northern Limestone Alps, Höllengebirge, 16 km southwest of Gmunden, 5.8 km east of Steinbach am Attersee, west of the summit area of Brunnkogel, 47°49'40"N, 013°37'45"E, (grid number 8147/4), elevation 1700 m, windexposed ridge, on raw-humus (=mor-humus). – 18 May 2020, collected and determined by Roman Türk (61235).

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1284. *Umbilicaria decussata* (Villars) Zahlbruckner

SWITZERLAND, Kanton Bern, Western Alps, Berner Alps, 21 km south-southeast of Meiringen, path from Grimselpass to Sidelhorn, 400 m southeast of Huseggghütte, 46°33'35"N, 008°19'40"E, elevation 2350 m, outcrops of siliceous rocks (granite, schist) in open alpine vegetation, on subvertical rock faces exposed to the north. – 24 August 2006, collected and determined by Josef Hafellner (69402).

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1285. *Usnea dasopoga* (Acharius) Nylander

AUSTRIA, Steiermark (=Styria), Eastern Alps, Noric Alps, E-facing slopes of Grebenzen, 6.1 km SSW of Neumarkt, 1.6 km S of Pöllau, between the farmhouse 'Fuchs' and the area 'Königreich', 47°01'13"N, 014°23'18"E, (grid number 8952/3), elevation 1235 m, forest with *Picea abies* and *Larix decidua*, on twigs of *Picea abies*. – 11 August 2010, collected by Walter Obermayer (13100), determined by Philippe Clerc (2014).

Note: TLC (all specimens examined): Usnic acid, salazinic acid; specimens in GZU and CANB with intermixed *Usnea intermedia* (salazinic acid, usnic acid).

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1286. *Varicellaria lactea* (Linnaeus) Imke Schmitt & Lumbsch

[recently used synonym: *Pertusaria lactea*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 19.5 km northwest of the centre of Knittelfeld, 600 m south-southeast of the summit of Hochreichhart, southeast-facing slopes between the ridge Schmähhausrücken and the saddle Brandstättertörl, 47°21'32"N, 014°41'03"E, (grid number 8654/1), elevation 2260 m, boulderfield, on strongly inclined (and overhanging) faces of a gneissic rock. – 19 October 2018, collected and determined by Walter Obermayer (14122).

Note: TLC (specimen in CANB tested): Lecanoric acid, variolaric acid.

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1287. *Vulpicida pinastri* (Scopoli) Jan-Erik Mattsson

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains (=Steirisches Randgebirge), Stubalpe, 17 km W of Köflach, 1 km southwest of Salzstiegelhaus, just west of the path to Speikkogel, 47°03'40"N, 14°51'50"E, (grid number 8955/1), elevation 1600 m, west exposed forest with *Picea abies*, *Larix decidua*, and some intermixed *Sorbus aucuparia*, on twigs of *Larix decidua*. – 25 October 2020, collected and determined by Walter Obermayer (15360).

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1288. ***Xalocoa ocellata*** (Fries) Kraichak, Lücking & Lumbsch
[recently used synonym: *Diploschistes ocellatus*]

GREECE, Rhodes, near the bay of Navarone, road from Lindos to Pefki (=Pefkos), 2.2 km southwest of the centre of Lindos, 1.6 km east-northeast of the beach of Pefki, 460 m east of the switchback of the road (which is near the 'Prophet Elias monastery'), 36°04'40"N, 028°03'58"E, elevation 55 m, rocky cut-slope along the road, on almost vertical faces of limestone (exposed to the northeast). – 11 September 2020, collected by Mila Raspa (MR-00351), determined by Walter Obermayer (2020).

Note: Thallus K+ red. TLC (specimen in GZU tested): Norstictic acid (maj.), connorstictic acid (maj.), subnorstictic (tr.), unknown substance (UV366 before H₂SO₄: white; in A above connorstictic acid, in B' just below connorst. acid, in C above connorstictic acid [at the height of diploschistesic acid]).

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1289. ***Xanthocarpia ochracea*** (Schaerer) Abramo Massalongo
& De Notaris

[recently used synonym: *Caloplaca ochracea*]

ALBANIA, Northern Albania, Shkodër district, Shkodër, Rozafa (castle hill), at the southern edge of the town, 42°02'55"N, 019°29'40"E, elevation 50 m, rocky slope exposed to the north, on low outcrops of limestone. – 23 August 2007, collected and determined by Josef Hafellner (80801) [excursion together with Mauro Tretiach, Lucia Muggia, Massimiliano Piccotto, and Jani Marka].

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1290. ***Xanthoparmelia conspersa*** agg.

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seckau Tauern, 18 km northwest of the centre of Knittelfeld, 8.5 km north of the village 'Ingering II', south facing slopes of Hochreichhart, path from Ingering-valley to Schmähhausrücken, 47°20'45"N, 014°40'43"E, (grid number 8654/3), elevation 1750–1800 m, south-exposed clearing in a mixed forest near the timber line, on siliceous rock faces (strongly inclined; south-southeast exposed). – 19 October 2018, collected and determined by Walter Obermayer (14093).

Note: TLC (specimen in GZU tested): Usnic acid (maj.), stictic acid (maj.), constictic acid (maj.), norstictic acid (submaj.), [no menegazziaic acid].

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