

Dupla Graecensia Lichenum (2016, numbers 1021–1100)

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OBERMAYER W. 2016: Dupla Graecensia Lichenum (2016, numbers 1021–1100).
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Abstract: The exsiccata 'Dupla Graecensia Lichenum (2016, numbers 1021–1100)' comprises 80 collections (463 specimens) of lichen duplicates from the following 12 countries: Albania (Lezhë district), Australia (state Western Australia), Austria (states Carinthia, Lower Austria, Salzburg, and Styria), Brazil (Mato Grosso), Croatia (Istria), France (region Rhône-Alpes), Germany (states Baden-Württemberg and Bavaria), Greece (Corfu Island and Crete), Italy (regions Friuli - Venezia Giulia and Toscana), Mexico (Chihuahua), Slovenia, and Spain (Mallorca). TLC-investigations were carried out for 13 lichenized taxa. Isotype-specimens of *Ramboldia crassithallina* (each specimen additionally including an isotype of *Ramboldia sorediata*) are distributed.

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The dwarf-exsiccata 'Dupla Graecensia Lichenum' is issued by the herbarium of the Institute for Plant Sciences of the Karl-Franzens-Universität, Graz, Austria (international herbarium acronym: GZU). It includes lichens 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 <http://www-classic.uni-graz.ac.at/walter.obermayer/dupl-graec.htm>. A downloadable PDF-file can be found under <https://static.uni-graz.at/fileadmin/nawi-institute/Botanik/Fritschiana/fritschiana-83/dupla-graecensia-lichenum-2016.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 'The International Plant Names Index' (IPNI) (see <http://www.ipni.org/ipni/plantnamesearchpage.do>). The geographical classification system of the European Alps (using the terms 'Western Alps', 'Central Alps', 'Eastern Alps', and 'Southern Alps') follows a classification used by e.g. Stüwe & Homberger 2011: Die Geologie der Alpen aus der Luft. - Gnas: Weishaupt.

I wish to thank all the collectors and keepers of private herbaria for their contributions, in particular Anton DRESCHER, Josef HAFELLNER, Klaus KALB, Paul LEONHARDT, Helmut MAYRHOFER, Florian MÜHLBACHER, and Roman TÜRK. The following individuals are kindly acknowledged for determination work: Andreas FRISCH, Ivan FROLOV, Josef HAFELLNER, Jiří MALÍČEK, Helmut MAYRHOFER, and Jan VONDRÁK.

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1021. Acolium karelicum (Vainio) Maria Prieto & Wedin

[Synonym: *Cyphelium karelicum*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seetal Alps, 11.4 km southwest of the centre of Judenburg, 3 km north of the summit of Zirbitzkogel, east facing slopes of Kreiskogel (250 m west of the lake Großer Winterleitensee), 47°05'24"N, 014°33'40"E, (grid number 8953/1), elevation 1870 m, open stand with *Alnus alnobetula*, *Sorbus aucuparia* and *Pinus cembra*, on wood of *Pinus cembra* (exposed to the southeast). – 30 November 2014, collected and determined by Walter Obermayer (13301).

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1022. Alectoria sarmentosa (Acharius) Acharius

AUSTRIA, Steiermark (=Styria), Eastern Alps, Dachstein Massif, northwestern part of Kemetgebirge, 10 km northwest of the centre of Gröbming, 2.5 km southwest of the summit of Hierzberg, path from Schildenwangalm to Plankenalm, slopes of Mooseck, 47°28'35-59"N, 013°46'15-30"E, (grid number 8548/2), elevation 1650–1730 m, open coniferous forest (with dominant *Pinus cembra*, subdominant *Larix decidua* and intermixed *Picea abies*), on stem bark of *Pinus cembra*. – 2 October 2015, collected by Walter Obermayer (13611) & Florian Mühlbacher, determined by Walter Obermayer.

Note: All issued specimens contain material, which is by some authors regarded as *Alectoria sarmentosa* subsp. *vexillifera* (with an - at least partly - strongly flattened thallus). TLC (Obermayer): Usnic acid (maj.), alectoronic acid (maj.), unknown (submaj.; in B' above alectoronic acid).

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1023. Amandinea punctata (Hoffmann) Coppins & Scheidegger

AUSTRIA, Steiermark (=Styria), Eastern Alps, Dachstein Massif, 3.9 km northwest of the centre of Schladming, 2.4 km south-southwest of the centre of Ramsau, Vorberg, 1 km west of the inn 'Stocker', 47°24'11"N, 013°38'20"E, (grid number 8547/4), elevation 1085 m, meadows with some avenue trees, on stem bark of *Acer pseudoplatanus*. – 16 February 2015, collected and determined by Walter Obermayer (13330).

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1024. *Arthonia radiata* (Persoon) Acharius

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland (=Südöstliches Alpenvorland), Oststeirisches Riedelland, 7.3 km east-northeast of the centre of Graz, road from Ragnitz to Hönigthal, 600 m southwest of Neudörfel, near the soccer field, 47°05'02"N, 015°31'55"E, (grid number 8959/1), elevation 440 m, edge of a forest, on stem bark of *Carpinus betulus*. – 21 July 2014, collected and determined by Walter Obermayer (13186).

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1025. *Arthonia vinosa* Leighton

GERMANY, Baden-Württemberg, Main-Tauber district, 33 km southwest of the centre of Würzburg, 8 km south of the centre of Tauberbischofsheim, 3 km west-southwest of Lauda-Königshofen, 49°33'05"N, 009°39'53"E, (grid number 6424), elevation 370 m, oak forest, on strongly decayed wood of *Quercus robur*. – 28 December 2015, collected by Roman Türk (56514), determined by Walter Obermayer (2016).

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1026. *Astrochapsa zahlbruckneri* (Redinger) Parmen, Lücking & Lumbsch

BRAZIL, Mato Grosso, Serra dos Coroados, 6 km southwest of Buriti, nature protection area of the 'evangelical church' of Buriti, elevation 600 m, submontane rain forest, on bark. – 8 July 1980, collected by Klaus Kalb (26854), determined by Andreas Frisch (2001).

Note: TLC (Kalb): Stictic (maj.), hypostictic (submaj.), cryptostictic (min.) acids [specimens in GZU and CANB]; psoromic (maj.), stictic (maj.), hypostictic acids (submaj.) [specimen in UPS].

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1027. *Atla alpina* Savić & Tibell

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, Saualpe, 15 km west of the centre of Wolfsberg, 4.5 km south-southwest of Klippitztörl, 0.5 km southwest of the summit of Forstalpe, 46°53'45"N, 014°39'30"E, (grid number 9153/2), elevation 2030 m, low marble outcrops on the south-facing slope, on inclined faces of coarsely crystalline marble rocks. – 25 July 2009, collected by Josef Hafellner (73607) & Angela Hafellner, determined by Josef Hafellner.

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1028. *Blastenia ferruginea* (Hudson) Abramo Massalongo

[Synonym: *Caloplaca ferruginea*]

CROATIA, Istria, Vrsar, 200 m north of the harbour, 100 m east of the bathing beach, path to a vantage point on a small rocky hill, 45°09'08"N, 013°35'58"E, elevation 11 m, on twigs of *Pistacia terebinthus*. – 23 September 2016, collected and determined by Walter Obermayer (13702).

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1029. *Blastenia herbidella* (Hue) Servít

[Synonym: *Caloplaca herbidella*]

GERMANY, Bayern (=Bavaria), Eastern Alps, Northern Limestone Alps, Allgäu Alps, 3.5 km southeast of Hohenschwangau, Bleckenau, 47°32'N, 010°46'E, elevation 1200 m, on bark of *Acer pseudoplatanus*. – 28 August 1968, collected by Adolf Schröppel (s.n.), determined by Ivan Frolov (2013).

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1030. *Bryoria fuscescens* (Gyelnik) Brodo & David Hawksworth [in a broad sense]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Dachstein Massif, Kemetgebirge, 6.7 km southwest of the centre of Bad Mitterndorf, path from Goseritzalm to Hochmühleck, 230 m east of the summit of Hochmühleck, 47°31'01"N, 013°51'40"E, (grid number 8449/3), elevation 1650–1660 m, mixed forest with dominant *Larix decidua*, on bark of *Larix decidua* (1.5–2 m stem height, northwest exposed). – 15 July 2015, collected and determined by Walter Obermayer (13424) [excursion together with Josef Hafellner and Florian Mühlbacher].

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1031. *Buellia griseovirens* (Turner & Borrer ex Smith) Almborn

GERMANY, Baden-Württemberg, Main-Tauber district, 29 km southwest of the centre of Würzburg, west of Lauda-Königshofen, near Gerlachsheim, Tauberberg, 49°34'18"N, 009°43'33"E, (grid number 6424), elevation 340 m, edge of a forest, on bark of *Ulmus*. – 7 April 2016, collected and determined by Roman Türk (56515).

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1032. *Calicium denigratum* (Vainio) Tibell

AUSTRIA, Salzburg, Eastern Alps, High Tauern, Pinzgau Region (=Zell am See District), Granatspitz Group, area of 'High Tauern National Park', 15.3 km south-southeast of the centre of Mittersill, 800 m northwest of Enzingerboden, south of the summit of Wiegenköpfe, 47°10'39"N, 012°37'09"E, (grid number 7863/1), elevation 1725 m, upper montane forest, on wood of *Pinus cembra*. – 23 July 2013, collected and determined by Roman Türk (52162).

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1033. *Calicium tigillare* (Acharius) Persoon

[Synonym: *Cyphelium tigillare*]

GERMANY, Bayern (=Bavaria), Eastern Alps, Northern Limestone Alps, Allgäu Alps, northeast of Sonthofen, Grünten, southwest-running ridge just south of Grüntenhaus, 47°33'00"N, 010°18'55"E, elevation 1600 m, clearing in a subalpine forest with *Picea abies*, on a snag of *Picea abies*. – 7 September 2004, collected and determined by Josef Hafellner (79473).

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1034. *Calicium tigillare* (Acharius) Persoon

[Synonym: *Cyphelium tigillare*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains, Östliches Grazer Bergland, Schöckl, 2.6 km north-northwest of the centre of St. Radegund, 70 m east of Schöcklkopf, 47°12'10"N, 015°28'41"E, (grid number 8758/4), elevation 1280 m, southeast exposed steep slopes with calcareous outcrops, on standing deadwood. – 15 November 2015, collected and determined by Walter Obermayer (13609).

Note: All specimens with intermixed *Buellia arborea* and *Pycnora sorophora*.

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1035. *Calicium viride* Persoon

AUSTRIA, Steiermark (=Styria), Eastern Alps, Dachstein Massif, Kemetgebirge, Stoderzinken, 7.5 km west-northwest of Gröbming, 'Brandner Urwald', along the path from Brünnerhütte to Grafenbergalm, 47°27'55"N, 013°48'10"E, (grid number 8548/2), elevation 1700 m, mixed forest with *Picea abies*, *Larix decidua* and *Pinus cembra*, on stembark of *Picea abies*. – 31 July 2015, collected by Paul Leonhardt (163) [excursion together with Florian Mühlbacher, Josef Hafellner, and Walter Obermayer], determined by Paul Leonhardt and Walter Obermayer.

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1036. *Caloplaca cerina* (Hedwig) Theodor Fries [aggregate]

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland (=Südöstliches Alpenvorland), Oststeirisches Riedelland, 6.7 km northeast of the centre of Graz, along the road from Stifting via Rohrbach to Schillingsdorf, 47°06'07"N, 15°30'55"E, (grid number 8859/3), elevation 445 m, small meadow area between the road and a brook, on twigs of *Salix fragilis* (fallen down from treetop). – 10 May 2014, collected and determined by Walter Obermayer (13168).

Note: Different morpho(geno-)types may be present on each specimen.

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1037. *Candelaria concolor* (Dickson) Arnold

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland (=Südöstliches Alpenvorland), Grazer Feld, urban area of Graz, 2.8 km north-northwest of the centre of Graz, between Gustav-Scheerbaum-Promenade and Uferweg, 47°05'35"N, 015°25'12"E, (grid number 8958/2), elevation 355 m, allotment garden, on bark of *Malus domestica*. – 3 May 2014, collected and determined by Walter Obermayer (13166).

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1038. *Carbonea vorticosa* (Flörke) Hertel

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seetal Alps, 9.5 km west of Obdach, cwm south below the summit of Zirbitzkogel, terrain rim at the southeastern shore of the lake Lavantsee, 47°03'35"N, 014°34'40"E, (grid number 8953/1), elevation 2060 m, small outcrops (polished by lokal glaciers of former ice ages), on northwest-exposes rock-faces (near the ground). – 26 July 2007, collected by Josef Hafellner (82604) & Angela Hafellner, determined by Josef Hafellner.

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1039. *Chaenotheca ferruginea* (Turner ex Smith) Migula

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains, Grazer Bergland, 4 km west of the centre of Weiz, gorge of the river Raab ('Raabklamm'), orographically left side of the river, 47°12'51"N, 015°34'02"E, (grid number 8759/3), elevation 520-535 m, small ridge in a mixed forest with schist outcrops and small boulders of feldspar rich pegmatite, on bark of *Picea abies*. – 5 November 2014, collected and determined by Walter Obermayer (13291) [excursion together with Josef Hafellner and André Aptroot].

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1040. *Cladonia ecmocyna* Leighton

FRANCE, Rhône-Alpes, Haute-Savoie, Western Alps, Graian Alps, Mont Blanc Group, slopes southeast above Chamonix, southwest of Refuge du Plan de l'Aiguille, 45°54'18"N, 006°52'56"E, elevation 2200 m, scree and scattered boulders of siliceous schist in dwarf shrub heath slightly above the tree line (exposed to northwest), on ground (in *Vaccinium* heath). – 18 August 2011, collected and determined by Josef Hafellner (82739).

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1041. *Cladonia fimbriata* (Linnaeus) Fries

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains, Joglland, 7.8 km east-northeast of the centre of Birkfeld, 2.6 km east-northeast of the centre of Miesenbach, immediate vicinity of Kreuzwirt, 47°22'50"N, 015°47'30"E, (grid number 8660/2), elevation 1040 m, farming land, on plant remnants (on a low ridge of clearance cairns at the edge of a forest). – 11 October 2003, collected and determined by Josef Hafellner (61736).

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1042. *Cladonia pocillum* (Acharius) Grognot

AUSTRIA, Steiermark (=Styria), Eastern Alps, Dachstein Massif, Kemetgebirge, 6.3 km southwest of the centre of Bad Mitterndorf, Goseritzalm (along the path to Hochmühleck), 47°31'20"N, 013°51'45"E, (grid number 8449/3), elevation 1420–1470 m, pasture with scattered limestone rocks, on bryophytes (above rocks). – 15 July 2015, collected and determined by Walter Obermayer (13422) [exkursion together with Josef Hafellner and Florian Mühlbacher].

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1043. *Cladonia rangiformis* Hoffmann

GERMANY, Baden-Württemberg, Main-Tauber District, 29 km southwest of the centre of Würzburg, west of Lauda-Königshofen, near Gerlachsheim, Tauberberg, 49°34'21"N, 009°43'31"E, elevation 350 m, semi-arid grassland (above shell limestone), on ground. – 7 April 2016, collected and determined by Roman Türk (56250).

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1044. Clauzadea monticola (Acharius) Hafellner & Bellemère

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, Saualpe, 9.2 km west-southwest of the centre of 'Bad St. Leonhard', 200 m south of Klippitztörl, path from the pass to the summit of Geierkogel, 46°56'05"N, 014°40'30"E, (grid number 9054/3), elevation 1680 m, slopes of a logging road (in a high-montane spruce forest), on loose marble stones. – 26 July 2009, collected and determined by Josef Hafellner (73816).

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1045. Coenogonium pineti (Acharius) Lücking & Lumbsch

[Synonym: *Dimerella pineti*]

ITALY, Friuli - Venezia Giulia, Province of Udine, Southern Alps, Carnic Alps, 3.8 km west-northwest of Ampezzo, Passo di Pura, immediate vicinity of 'Rifugio Alpino Tita Piaz', 46°25'30"N, 012°44'30"E, elevation 1400 m, mixed forest with *Fagus sylvatica*, *Abies alba*, and *Picea abies* (above limestone), on remnants of bark covering a decayed tree stump. – 17 August 1994, collected and determined by Josef Hafellner (76993).

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1046. Dimelaena oreina (Acharius) Norman

[chemotype I, with fumarprotocetraric acid]

AUSTRIA, Tyrol, Eastern Alps, Ötztal Alps, 7.7 km south-southeast of Sölden, road from Hochgurgl to Timmelsjoch, 1 km north of the centre of Hochgurgl, near 'Maut', 46°54'42"N, 011°03'19"E, (grid number 9032/3), elevation 2220 m, dwarf shrub heath with large boulders, on siliceous rock. – 18 September 2014, collected and determined by Helmut Mayrhofer (20289).

Note: TLC (Obermayer; all specimens have been tested twice or three times): Usnic acid, fumarprotocetraric acid, protocetraric acid (in traces), unknown substance in some samples present (UV+ yellow; 6/4/5-6). Specimens in CANB, NY, and UPS additionally contain thalli of the chemotype Va (stictic acid syndrome). - Specimens partly intermixed with *Rhizoplaca chrysoleuca*, *Ramalina capitata* or *Rhizoplaca melanophthalma* (the latter in CANB only). *Rhizocarpon renneri*, a rare parasitic lichen on *Dimelaena oreina*, which was found on one specimen, has been separated and is stored in GZU (Mayrhofer 20290).

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

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1047. Evernia divaricata (Linnaeus) Acharius

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seetal Alps, 9.7 km west-northwest of the centre of Obdach, 400 m northeast below Winterleitenhütte, along the natural toboggan run, 47°05'49"N, 14°34'28"E, (grid number 8953/1), elevation 1730 m, forest with *Picea abies*, *Larix decidua*, and *Pinus cembra*, on twigs of *Picea abies*. – 30 November 2014, collected and determined by Walter Obermayer (13312).

Note: All issued specimens contain thalli with apothecia.

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

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1048. Felipes leucopellaeus (Acharius) Frisch & Göran Thor

[Synonym: *Arthonia leucopellaea*]

GERMANY, Bayern (=Bavaria), Eastern Alps, Northern Limestone Alps, Ammergau Alps (=Ammergebirge), 14.5 km southwest of Oberammergau, northwest facing slopes of Kreuzspitze, 'Bei den sieben Quellen', 47°32'20"N, 10°54'00"E, elevation 1080 m, mixed forest, on bark of *Abies alba*. – 5 September 2004, collected and determined by Josef Hafellner (79699).

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

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1049. Flavocetraria cucullata (Bellardi) Kärnefelt & Arne Thell

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seetal Alps, 9 km west of Obdach, small path from Lindersee (along the ridge) to the summit Zirbitzkogel, 300 m south of the lake Lindersee, 47°04'06"N, 14°34'12"E, (grid number 8953/1), elevation 2200 m, windblown ridge area (north-northeast-exposed), on ground. – 19 October 2014, collected and determined by Walter Obermayer (13230).

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

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1050. Flavoparmelia caperata (Linnaeus) Hale

CROATIA, Istria, Vrsar, 200 m north of the harbour, 100 m east of the bathing beach, path to a vantage point on a small rocky hill, 45°09'08"N, 13°35'58"E, elevation 11 m, on branches and twigs of *Pistacia terebinthus*. – 23 September 2016, collected and determined by Walter Obermayer (13694).

Note: Partly intermixed with *Flavoparmelia soledians*.

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

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1051. Flavoparmelia soledians (Nylander) Hale

CROATIA, Istria, Vrsar, 200 m north of the harbour, 100 m east of the bathing beach, path to a vantage point on a small rocky hill, 45°09'08"N, 013°35'58"E, elevation 11 m, on branches and twigs of *Pistacia terebinthus*. – 23 September 2016, collected and determined by Walter Obermayer (13693).

Note: Partly intermixed with *Flavoparmelia caperata*. Specimen in GZU with additional *Punctelia subrudecta*.

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

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1052. Fuscopannaria leucosticta (Tuckerman) Per Magnus Jørgensen

GREECE, Crete, Nomós Chania, 15 km south-southeast of Kolimbari, 2 km north of Nea Roumata, 35°25'N, 023°51'E, along a brook, on stem bark of *Castanea sativa*. – 12 May 1999, collected by Helmut Mayrhofer (20793b) & Eva Baloch, determined by Helmut Mayrhofer (2015).

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

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1053. Gyalecta foveolaris (Acharius) Schaerer

FRANCE, Rhône-Alpes, Haute-Savoie, Western Alps, Graian Alps, Mont Blanc Group, Col de Tricot southeast above of Bionnassay, southeast of the saddle at the lowermost cliffs of the west ridge of Pointe Inférieure de Tricot, 45°51'00"N, 006°46'15"E, elevation 2160 m, low cliffs exposed to the northwest, on soil. – 20 August 2011, collected and determined by Josef Hafellner (83033).

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

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1054. Gyalideopsis mexicana Tretiach, Giralt & Vězda

MEXICO, Chihuahua, Sierra Madre Occidental, Barranca del Cobre, secondary valley about 10 km south of Basihuare, 27°26'20"N, 107°29'20"W, elevation 1800 m, pine-oak forest with sandstone boulders along a riverbank, on mosses (and temporarily moist earth). – 21 July 1994, collected and determined by Josef Hafellner (55520).

Note: All issued specimens fertile.

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1055. *Lecania naegelii* Nylander

ALBANIA, Northern Albania, Lezhë district, at the coast of the Adriatic Sea, southwest of the town Lezhë, Kuna Vain Lagune south of the mouth of the river Drin, 41°44'20"N, 019°34'50"E, elevation 5 m, remnants of a coastal forest (200 m from the beach), on bark of young *Fraxinus* spec. – 16 August 2007, collected and determined by Josef Hafellner (80822) [excursion together with Mauro Tretiach, Lucia Muggia, Massimiliano Piccotto, and Jani Marka].

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1056. *Lecanora argentata* (Acharius) Malme

AUSTRIA, Salzburg, Eastern Alps, Salzkammergut Mountains, Flachgau region, 20 km northeast of the centre of Salzburg, 3.7 km southeast of 'Neumarkt am Wallersee', valley of Steinbach, 1.4 km southeast of Haslach, 47°55'12"N, 013°15'29"E, (grid number 8045/4), elevation 601 m, on bark of *Fraxinus excelsior*. – 31 March 2007, collected by Roman Türk (41518), confirmed by Jiří Malíček (2016).

Note: The specimens show the typical 'subrugosa-form' (*Lecanora subrugosa* recently has been included into *L. argentata*).

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1057. *Lecanora varia* (Hoffmann) Acharius

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seetal Alps, 8.6 km west of Obdach, path from Linderhütte via Lindersee to the summit of Zirbitzkogel, 1 km northeast of Lindersee, 47°04'37"N, 014°34'47"E, (grid number 8953/1), elevation 1850–1900 m, timberline (with *Pinus cembra*, *Larix decidua* and *Picea abies*), on deadwood of *Pinus cembra*. – 19 October 2014, collected and determined by Walter Obermayer (13256).

Note: TLC (Obermayer; specimen in GZU tested): Usnic acid, psoromic acid, 2'-O-demethylpsoromic acid, unknown. The specimen in GZU is infected with *Ramboldia insidiosa*.

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1058. *Lecidea atrobrunnea* (De Candolle) Schaerer

FRANCE, Rhône-Alpes, Haute-Savoie, Western Alps, Savoy Prealps, Chablais Alps, Tête Pelouse east above Flaine, southwest ridge northeast above Col de Plate, 45°59'53"N, 006°43'59"E, elevation 2400 m, cliffs of andesite, on vertical rock faces (exposed to the southeast). – 19 August 2011, collected and determined by Josef Hafellner (82748).

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1059. *Lecidella elaeochroma* (Acharius) Maurice Choisy

AUSTRIA, Steiermark (=Styria), Eastern Alps, Dachstein Massif, northwestern part of Kemetgebirge, 11.2 km northwest of the centre of Gröbming, 1.4 km southwest of the summit of Hierzberg, 700 m north-northeast of Plankenalm (southern hut area), 47°29'43"N, 013°46'23"E, (grid number 8548/2), elevation 1810-1850 m, terrain edge, open forest with *Larix decidua* and *Pinus cembra* with intermixed *Pinus mugo* (above limestone), on twigs of *Rhododendron hirsutum*. – 2 October 2015, collected by Florian Mühlbacher (294), determined by Florian Mühlbacher and Walter Obermayer.

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1060. *Lepra albescens* (Hudson) Hafellner

[Synonym: *Pertusaria albescens*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains, Östliches Grazer Bergland, Schöckl, 2.6 km north-northwest of the centre of St.Radegund, 70 m east of Schöcklkopf, 47°12'03"N, 015°28'37"E, (grid number 8758/4), elevation 1340-1370 m, edge of a forest (southeast-exposed), on stem bark of *Acer pseudoplatanus*. – 15 November 2015, collected and determined by Walter Obermayer (13614).

Note: TLC (Obermayer; specimen in GZU tested): Three fatty acids of the allo-pertusaric acid complex. Thalli partly overgrowing living mosses and jungermannoid liverworts.

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1061. *Lepra corallina* (Linnaeus) Hafellner

[Synonym: *Pertusaria corallina*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seetal Alps, 11.6 km southwest of the centre of Judenburg, path from Winterleitenhütte along the southern shore of the lake 'Kleiner Winterleitensee' to 'Großer Winterleitensee', 300 m southwest of Winterleitenhütte, 47°05'31"N, 014°34'05"E, (grid number 8953/1), elevation 1815 m, small boulder field, on vertical surface of siliceous rock (near ground). – 30 November 2014, collected and determined by Walter Obermayer (13309).

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

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1062. *Lepraria finckii* (de Lesdain) Richard Harris

[Synonym: *Lepraria lobificans*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains, Östliches Grazer Bergland, Schöckl-area, 3.2 km north-northwest of St.Radegund, path from Schöcklkreuz via Hammerschlag to Jahndenkmal, 700 m north-northeast of the summit of Schöckl, 47°12'16"N, 015°28'09"E, (grid number 8758/4), elevation 1290 m, north exposed cut slope of a forestry road, on bryophytes and plant remnants. – 22 October 2014, collected by Helmut Mayrhofer (20294), determined by Walter Obermayer (2014).

Note: TLC (Obermayer; all specimens tested): Atranorin, zeorin, stictic acid syndrome. A second leprarioid lichen is partly intermixed (very fine, greenish soredia, which are partly covered with an orange layer; mostly on twigs of bryophytes; TLC: Atranorin, zeorin, skyrin, placodiolic acid [?], unknown substances).

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1063. *Letharia vulpina* (Linnaeus) Hue

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seetal Alps, 11.4 km southwest of the centre of Judenburg, 3 km north of the summit of Zirbitzkogel, east facing slopes of Kreiskogel (250 m west of the lake Großer Winterleitensee), 47°05'24"N, 014°33'40"E, (grid number 8953/1), elevation 1870 m, open stand with *Alnus alnobetula*, *Sorbus aucuparia* and *Pinus cembra*, on bark and wood of *Pinus cembra* (exposed to the southeast) and on mica schist (below *Pinus cembra*). – 30 November 2014, collected and determined by Walter Obermayer (13635).

Note: The specimen in GZU is infected with the lichenicolous fungus *Phacopsis vulpinae*.

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1064. *Lobaria pulmonaria* (Linnaeus) Hoffmann

ITALY, Toscana, Pratomagno, Torrente di Capraia, 3 km northwest of Pontenano, vicinity of the church ruin 'Badia S.Trinità', 43°36'34"N, 011°43'51"E, elevation 760 m, on stem bark of *Castanea sativa* (near ground). – 16 September 2014, collected and determined by Anton Drescher (s.n.).

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1065. *Melanelixia glabra* (Schaerer) Oscar Blanco and others

AUSTRIA, Steiermark (=Styria), Eastern Alps, Dachstein Massif, 4.4 km northwest of the centre of Schladming, 370 m west of the centre of Ramsau, 100 m east of the farmstead Engelhardthof, along a small dead end road (close to the main road from Ramsau to Filzmoos), 47°25'21"N, 013°38'52"E, (grid number 8547/4), elevation 1140 m, alley with *Acer pseudoplatanus*, on stem bark of *Acer pseudoplatanus*. – 19 February 2014, collected and determined by Walter Obermayer (13112).

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1066. *Micarea lignaria* (Acharius) Hedlund

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, High Tauern, Kreuzeck Group, 4.7 km north-northwest of Greifenburg, Nassfeldriegel, north-facing slopes of the east-facing ridge, along the path from 'Emberger Alm' to 'Turgger Alm', 46°47'15"N, 013°09'10"E, (grid number 9244/2), elevation 1950 m, gneissic crag just above the timber line (northfacing crevices), on plant remnants (together with and partly on *Anthelia juratzkana*). – 17 July 1978, collected and determined by Josef Hafellner (2934).

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1067. *Mycoblastus sanguinarius* (Linnaeus) Norman

AUSTRIA, Steiermark (=Styria), Eastern Alps, Dachstein Massif, northernmost part of Kemetgebirge, 6 km south-southeast of the centre of Bad Aussee, area of the western and southwestern lakeshore of Ödensee, 47°33'40"N, 013°49'05"E, (grid number 8448/2), elevation 780 m, mixed forest (mainly with conifers) along the lakeshore, on bark of *Abies alba*. – 18 June 2015, collected and determined by Walter Obermayer (13426) [excursion together with Josef Hafellner, Florian Mühlbacher, and Paul Leonhardt].

Note: All issued specimens are partly covered with a tomentum of (in the fresh state) orange-reddish coloured algae of the genus *Trentepohlia* (the colour faded to greenish-yellow in the herbarium samples).

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1068. Myriolecis reuteri (Schaerer) Šliwa, Xin Zhao & Lumbsch
[Synonym: *Lecanora reuteri*]

AUSTRIA, Steiermark (=Styria), Eastern Alps, Northern Limestone Alps, Mürzsteger Alpen, eastern part of the mountain Veitsch, 15.6 km northwest of the centre of Mürz-zuschlag, Schoberstein northwest above 'Grundbauernhütte', 47°38'50"N, 015°28'30"E, (grid number 8358/4), elevation 1520 m, south-exposed cliffs, on vertical faces of Triassic limestone. – 21 July 2012, collected and determined by Josef Hafellner (80849).

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

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1069. Normandina pulchella (Borrer) Nylander

SLOVENIA, [Primorska], Goriška, Southern Alps, Julian Alps, Lapena valley, 8 km east-southeast of Bovec, 3 km south-southwest of Soča, along the bank of the rivulet Lepenca, 46°19'00"N, 013°39'30"E, elevation 480 m, remnants of an alluvial forest, on liverwort (covering the bark of *Salix*). – 6 July 2003, collected and determined by Helmut Mayrhofer (20332).

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1070. Ochrolechia alboflavescens (Wulfen) Zahlbruckner

AUSTRIA, Salzburg, Eastern Alps, High Tauern, Pinzgau Region (=Zell am See District), Venediger Group, 13 km south of the centre of Oberkrimml, Krimmler Achental, between Jaidbachalm and Außerkeesalm, 47°06'21"N, 012°12'41"E, (grid number 8839/3), elevation 1720 m, on bark of *Picea abies*. – 19 August 2012, collected and determined by Roman Türk (51143).

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

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1071. Ochrolechia alboflavescens (Wulfen) Zahlbruckner

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seetal Alps, 9.7 km west-northwest of the centre of Obdach, 400 northeast below Winterleitenhütte, along the natural toboggan run, 47°05'49"N, 14°34'28"E, (grid number 8953/1), elevation 1730 m, forest with *Picea abies*, *Larix decidua*, and *Pinus cembra*, on twigs of *Picea abies*. – 30 November 2014, collected and determined by Walter Obermayer (13318).

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

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1072. *Orphniospora mosigii* (Körber) Hertel & Rambold

AUSTRIA, Steiermark (=Styria), Eastern Alps, Seetal Alps, 9.5 km west of Obdach, cwm south below the summit of Zirbitzkogel, terrain rim at the southeastern shore of the lake Lavantsee, 47°03'35"N, 014°34'40"E, (grid number 8953/1), elevation 2060 m, small outcrops (polished by lokal glaciers of former ice ages), on inclined faces of mica schist (exposed to the northwest). – 26 July 2007, collected by Josef Hafellner (82622) & Angela Hafellner, determined by Josef Hafellner.

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

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1073. *Parmelina pastillifera* (Harmand) Hale

SLOVENIA, [Primorska], Goriška, Southern Alps, Julian Alps, Koritnica valley, 8.3 km north-northeast of Bovec, near the village Log pod Mangartom, northeast of Spodnji Log, 46°24'10"N, 013°36'10"E, elevation 640 m, solitary trees (at the roadside), on bark of *Tilia cordata*. – 2 July 2003, collected and determined by Helmut Mayrhofer (20339).

Note: All issued specimens show fruiting bodies. TLC (Obermayer; specimen in GZU tested): Atranorin (min.), lecanoric acid (maj.).

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1074. *Peltigera leucophlebia* (Nylander) Gyelnik

AUSTRIA, Steiermark (=Styria), Eastern Alps, Dachstein Massif, Kemetgebirge, Stoderzinken, 7.5 km west-northwest of Gröbming, forest area of 'Brandner Urwald', along the path from Brünnerhütte to Grafenbergalm, 47°27'55"N, 013°48'10"E, (grid number 8548/2), elevation 1700 m, mixed forest with *Picea abies*, *Larix decidua* and *Pinus cembra*, on ground. – 31 July 2015, collected and determined by Walter Obermayer (13652).

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1075. *Peltigera membranacea* (Acharius) Nylander

FRANCE, Rhône-Alpes, Haute-Savoie, Western Alps, Graian Alps, Mont Blanc Group, by the trail to Glacier Bionnassay, north-facing slopes of Mont Vorassay, 45°51'48"N, 006°46'43"E, elevation 1580 m, mixed forest with dominant *Picea abies* (slopes exposed to northwest), on mossy boulders of granite. – 20 August 2011, collected and determined by Josef Hafellner (83030).

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1076. *Pertusaria oculata* (Dickson) Theodor Fries

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, High Tauern, Goldberg Group, area of 'High Tauern National Park', 6.2 km northeast of Döllach, 1.4 km southwest of the summit of Eckkopf, path from Schrällkaser (valley of 'Große Zirknitz') via Zahltisch to Ochsnerhütte, 47°00'44"N, 012°57'17"E, (grid number 8943/4), elevation 2235–2250 m, alpine vegetation, on plant remnants (above mica schist). – 25 September 2016, collected and determined by Roman Türk (56823).

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1077. *Phaeophyscia endophoenicea* (Harmand) Moberg

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland (=Südöstliches Alpenvorland), Oststeirisches Riedelland, urban area of Graz, 5.6 km east-northeast of the centre, between Haidegg and Schweinberg, 730 m northeast of the school buildings of Haidegg, 47°04'55"N, 015°30'33"E, (grid number 8959/1), elevation 470 m, mixed forest, on bark of *Fagus sylvatica* (near ground). – 28 March 2015, collected and determined by Walter Obermayer (13346).

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1078. *Physcia stellaris* (Linnaeus) Nylander

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, High Tauern, Ankogel Group, 6.5 km north-northwest of Obervellach, urban centre of Mallnitz, 46°59'21"N, 013°10'09"E, (grid number 9045/1), elevation 1187 m, on wooden fence. – 25 February 2013, collected and determined by Roman Türk (51937).

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1079. *Physciella chloantha* (Acharius) Esslinger

AUSTRIA, Steiermark (=Styria), Southeastern Alpine Foreland (=Südöstliches Alpenvorland), Grazer Feld, urban area of Graz, along the south side of 'Parkstraße', 340 m east-northeast of the summit of Schlossberg, 47°04'41"N, 015°26'29"E, (grid number 8958/2), elevation 361 m, alley trees, on bark. – 3 April 2016, collected and determined by Walter Obermayer (13646).

Note: Partly with apothecia.

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1080. Physconia distorta (Withering) Jack Rodney Laundon

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains, Östliches Grazer Bergland, Schöckl, 2.6 km north-northwest of the centre of St.Radegund, 70 m east of Schöcklkopf, 47°12'03"N, 015°28'37"E, (grid number 8758/4), elevation 1340-1370 m, edge of a forest (southeast-exposed), on stem bark of *Acer pseudoplatanus*. – 15 November 2015, collected and determined by Walter Obermayer (13625).

Note: A typical morpho-(geno?)type with (regenerating?) lobules on the upper surface (instead of apothecia) probably due to the influence of environmental pollutants.

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1081. Placynthiella oligotropha (Jack Rodney Laundon) Coppins & Peter James

AUSTRIA, Kärnten (=Carinthia), Eastern Alps, High Tauern, Ankogel Group, area of 'High Tauern National Park', 13 km northwest of Malta, 3.7 km south-southeast of the summit of Hochalmspitze, Gößkar, path from 'Gößkarspeicher' to 'Gießener Hütte', 46°59'11"N, 013°20'34"E, (grid number 9046/1), elevation 1810 m, alpine vegetation above mica schist, on raw humus (=mor). – 15 September 2013, collected and determined by Roman Türk (52297).

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1082. Porpidia tuberculosa (Smith) Hertel & Knoph

AUSTRIA, Kärnten (=Carinthia), Southern Alps, Carnic Alps, 15 km west-southwest of Hermagor, Hochwipfel, 46°35'43"N, 013°10'40"E, (grid number 9445/1), elevation 2130 m, alpine meadows and open dwarf scrub communities with outcrops of paleozoic, siliceous schist, on rock surfaces (near ground). – 2 September 2007, collected and determined by Walter Obermayer (12337) [excursion together with Josef Hafellner].

Note: TLC (Obermayer; specimens in GZU and CANB tested): Confluent acid (maj.), 2'-O-methylmicro-phyllinic acid (min.), porphyrillic acid (min., hitherto not reported from *P. tuberculosa*). Medulla I+ violet.

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1083. *Protomicarea limosa* (Acharius) Hafellner

AUSTRIA, Steiermark (=Styria), Eastern Alps, Lower Tauern, Wölzer Tauern, 7.6 km west of Pusterwald, mountain area between the summits of Großhansl and Hühnerkogel, 500 m east-northeast of the summit of Scharnitzfeld, northeast-facing slopes towards Weittal, 47°18'50"N, 014°16'30"E, (grid number 8651/4), elevation 2150 m, low outcrops, on plant remnants (slightly inclined bare spots). – 25 August 2005, collected and determined by Josef Hafellner (68103).

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1084. *Punctelia jeckeri* (Roumeguère) Kalb

AUSTRIA, Steiermark (=Styria), Eastern Alps, Gurktal Alps (including 'Neumarkter Passlandschaft'), 2.2 km south of the centre of Neumarkt, 300 m south-southwest of the castle "Schloss-Lind", 47°03'11"N, 014°25'28"E, (grid number 8952/2), elevation 825 m, alley with *Fraxinus excelsior*, on stem bark of *Fraxinus excelsior*. – 20 August 2016, collected and determined by Walter Obermayer (13670).

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1085. *Pycnora sorophora* (Vainio) Hafellner

AUSTRIA, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains, Östliches Grazer Bergland, Schöckl, 2.6 km north-northwest of the centre of St. Radegund, 70 m east of Schöcklkopf, 47°12'10"N, 015°28'41"E, (grid number 8758/4), elevation 1280 m, southeast exposed steep slopes with calcareous outcrops, on standing deadwood. – 15 November 2015, collected and determined by Walter Obermayer (13613).

Note: Specimens partly intermixed with *Calicium tigillare* and *Buellia arborea*. TLC (Obermayer): Alectorialic acid and unknowns (probably including hypoprotocetraric acid).

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1086. *Ramalina breviuscula* Nylander

GREECE, Crete, Nomós Lassithi, 1.5 km south of Kalavros, 2 km north of Messa Moulina, 35°11'N, 025°58'E, elevation 445 m, amphibolitic outcrops, on rocks. – 9 May 1999, collected by Helmut Mayrhofer (20792) & Eva Baloch, determined by Helmut Mayrhofer (2015).

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1087. *Ramalina farinacea* (Linnaeus) Acharius

AUSTRIA, Niederösterreich (=Lower Austria), Eastern Alps, Yppstal Alps, 21 km south-southwest of Scheibbs, 5.1 km southeast of 'Lunz am See', valley of Seebach, east of the lake Mittersee, 47°49'41"N, 015°04'38"E, (grid number 8156/3), elevation 785 m, on bark of *Acer pseudoplatanus*. – 23 August 2013, collected and determined by Roman Türk (52177).

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1088. *Ramalina thrausta* (Acharius) Nylander

AUSTRIA, Salzburg, Eastern Alps, Lower Tauern, Pongau region, Radstätter Tauern, 17.3 km south-southeast of St.Johann, 6.3 km north of Kleinarl, path from the lake Jägersee along the brook Kleinarlbach to Schwabalm, 47°13'26"N, 013°20'05"E, (grid number 8746/3), elevation 1130 m, mixed forest, on twigs of *Picea abies*. – 26 June 2016, collected and determined by Roman Türk (56370).

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1089. *Ramboldia crassithallina* Kalb

[ISOTYPE]

[all specimens additionally include an isotype of *Ramboldia soreliata* Kalb]

AUSTRALIA, Western Australia, 24 km southeast of Corrigin, Gorge Rock, 32°25'S, 118°00'E, elevation 300 m, on dead, decorticated twigs. – 18 August 1994, collected by Klaus Kalb & Astrid Kalb, determined by Klaus Kalb.

Note: TLC (Kalb, 1997; specimen in GZU tested): Thamnolic acid, barbatic acid.

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1090. *Rhizoplaca chrysoleuca* (Smith) Zopf

AUSTRIA, Tyrol, Eastern Alps, Ötztal Alps, 7.7 km south-southeast of Sölden, road from Hochgurgl to Timmelsjoch, 1 km north of the centre of Hochgurgl, near 'Maut', 46°54'42"N, 011°03'19"E, (grid number 9032/3), elevation 2220 m, dwarf shrub heath with large boulders, on siliceous rock. – 18 September 2014, collected and determined by Helmut Mayrhofer (20293).

Note: TLC (Obermayer; specimen in GZU tested): Usnic acid (minor), placodiolic acid (major); lecanoric acid and faint traces of protocetraric acid (in one sample with apothecia only). Specimens partly intermixed with *Dimelaena oreina* and/or *Ramalina capitata*.

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1091. *Rinodina luridescens* (Anzi) Arnold

GREECE, Crete, Nomós Lassithi, 1.5 km south of Kalavros, 2 km north of Messa Moulina, 35°11'N, 025°58'E, elevation 445 m, steep cliffs, on amphibolitic rock. – 9 May 1999, collected by Helmut Mayrhofer (20627) & Eva Baloch, determined by Helmut Mayrhofer (February 2015).

Note: TLC (Kosnik/Mayrhofer): Gyrophoric acid, triterpenoids.

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1092. *Rinodina santorinensis* Julius Steiner

GREECE, Crete, Nomós Lassithi, 1.5 km south of Kalavros, 2 km north of Messa Moulina, 35°11'N, 025°58'E, elevation 445 m, steep cliffs, on amphibolitic rock. – 9 May 1999, collected by Helmut Mayrhofer (20603) & Eva Baloch, determined by Helmut Mayrhofer (February 2015).

Note: TLC (Kosnik/Mayrhofer): Atranorin.

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1093. *Schaereria fuscocinerea* (Nylander) Clauzade & Claude Roux

ITALY, Friuli - Venezia Giulia, Province of Udine, Southern Alps, Carnic Alps, 6 km north of Pontebba, area of Passo Pramollo (=Nassfeldpass), Monte Carnizza (=Garnitzenberg) east above the pass, conspicuous head of siliceous rocks west of the summit, 46°33'35"N, 013°17'44"E, elevation 1900 m, siliceous rocks (at the alpine tree-line ecotone), on low outcrops of iron-rich schist. – 6 August 2007, collected and determined by Josef Hafellner (76766).

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1094. *Schismatomma pericleum* (Acharius) Branth & Rostrup

AUSTRIA, Salzburg, Eastern Alps, Salzkammergut Mountains, Flachgau region, 24 km southeast of the centre of Salzburg, Osterhorngruppe, path from Hintersee via Lämmerbach to Genneralm, 47°41'10"N, 013°18'58"E, (grid number 8345/2), elevation 995–1000 m, on bark of *Picea abies* (near the base). – 5 May 2016, collected and determined by Roman Türk (56273).

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1095. *Thelotrema lepadinum* (Acharius) Acharius

AUSTRIA, Tyrol, Eastern Alps, Northern Limestone Alps, Ammergau Alps (= 'Ammergebirge'), 8.9 km east of Reutte, east-facing slopes of 'Soldatenköpfe' (north of the lake Plansee), along 'Altenbergweg' (lowermost part), 47°29'30"N, 010°50'05"E, (grid number 8531/1), elevation 1030 m, mixed forest, on bark of *Acer pseudoplatanus*. – 5 September 2004, collected and determined by Josef Hafellner (81204).

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1096. *Thrombium epigaeum* (Persoon) Wallroth

AUSTRIA, Tyrol, East Tyrol, Eastern Alps, High Tauern, Glockner Group, 11.9 km east of the centre of Matrei, path from Lucknerhaus to Glorer Hütte, near Schliederleralm, 47°01'11"N, 012°41'40"E, (grid number 8942/3), elevation 2070 m, on acidic soil (bare earth). – 1 July 2007, collected and determined by Roman Türk (42575).

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1097. *Tuckneraria laureri* (Krempelhuber) Randlane & Arne Thell

AUSTRIA, Salzburg, Eastern Alps, 'Salzburger Schieferalpen', Pinzgau Region (=Zell am See District), 7.5 km east-southeast of the centre of Maria Alm, pass area between 'Dientener Berge' and Hochkönig, Filzensattel (near Dienten), path from Filzensattel to Gabühel, 47°23'47"N, 013°00'05"E, (grid number 8644/1), elevation 1300–1330 m, montane forest, on bark of *Picea abies*. – 10 August 2014, collected and determined by Walter Obermayer (13200).

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1098. *Variospora aurantia* (Persoon) Arup, Frödén & Söchting [Synonym: *Caloplaca aurantia*]

SPAIN, Mallorca, 12.3 km SSE of the centre of Palma de Mallorca, W of Bellavista, 200 m away from the seashore, 39°28'37.12"N, 002°43'39.35"E, elevation 40 m, garrigue vegetation, on horizontal faces of calcareous outcrops (near the ground). – 24 August 2013, collected by Walter Obermayer (13081), determined by Jan Vondrák (2013).

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1099. Verrucaria nigrescens Persoon [aggregate]

GREECE, Kérkyra Island (=Corfu Island), 15 km (as the crow flies) south of the centre of Kérkyra City, Moraitika, 39°29'14"N, 019°55'25"E, elevation 30 m, urban area of the village, on calcareous rocks of an old wall (vertical surface). – 17 August 2015, collected and determined by Walter Obermayer (13644).

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1100. Xanthoria parietina (Linnaeus) Beltramini

CROATIA, Istria, Vrsar, 200 m north of the harbour, 100 m east of the bathing beach, path to a vantage point on a small rocky hill, 45°09'08"N, 013°35'58"E, elevation 11 m, on twigs of *Pistacia terebinthus*. – 23 September 2016, collected and determined by Walter Obermayer (13695).

Note: Specimen in GZU intermixed with *Flavoparmelia soledians*.

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