

## Lichenotheca Graecensis, Fasc. 25 (Nos 481–500)

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OBERMAYER Walter 2019: Lichenotheca Graecensis, Fasc. 25 (Nos 481–500). - Fritschiana (Graz) 93: 1–7. - ISSN 1024-0306.

**Abstract:** Fascicle 25 of 'Lichenotheca Graecensis' comprises 19 collections of lichens and one collection of a non-lichenized fungus (*Mycocalicium subtile*) from the following countries (and administrative subdivisions): Australia (Queensland), Austria (Carinthia, Styria, Tirol), Czech Republic (Vysočina Region), Greece (Autonomous State Mount Athos), Ireland (Clare), Italy (Lazio), Portugal (Viana do Castelo District), and Spain (Canary Islands). Paratype-material of *Buellia epigaeella* is distributed. TLC-analyses were carried out for *Dime-laena oreina* and *Ramalina fraxinea*. The exsiccata-series is finalized with the issue of the present fascicle.

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### Introduction

The exsiccata series 'Lichenotheca Graecensis' is distributed on exchange basis to the following 19 public herbaria and to one private collection (herbarium abbreviations follow <http://sweetgum.nybg.org/science/ih/>): ASU, B, C, CANB, CANL, E, G, GZU, H, HAL, HMAS, LE, M, MAF, MIN, O, PRA, TNS, UPS, Klaus KALB. A pdf-file of the exsiccata publication is stored under <https://static.uni-graz.at/fileadmin/nawi-institute/Botanik/Fritschiana/fritschiana-93/lichenotheca-graecensis-25.pdf>. A text version can be found under <https://static.uni-graz.at/fileadmin/nawi-institute/Botanik/Fritschiana/Lichenotheca-Graecensis/lichenotheca-graecensis-text-version-only.html>. Label texts originally drafted in a local language have been translated into English by the author.

I wish to thank the following lichenologists who have made their lichen material available: Jack ELIX (Canberra; 3 collections), Josef HAFELLNER (Graz; 9 collections), Helmut MAYRHOFER (Graz; 6 collections), Zdeněk PALICE (Průhonice; one collection), and Gerhard RAMBOLD (Bayreuth; one collection).

The present fascicle represents the **last issue** of the exsiccata-series. A summary of data (including indexes) is published in: OBERMAYER Walter 2019: Data synopsis and indexes on the exsiccata 'Lichenotheca Graecensis' (numbers 1–500) issued

between 1994 and 2019. - Fritschiana (Graz) 93: 9–30. Additional exsiccata material, which is already deposited in the herbarium GZU and which was planned to be issued in 'Lichenotheca Graecensis', will be distributed in the already existing dwarf exsiccata 'Dupla Graecensia Lichenum'.

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**481. Brianaria lutulata (Nylander) Stefan Ekman & Måns Svensson**

[recently used synonym: *Micarea lutulata*]

**CZECH REPUBLIC**, Vysočina Region, [Eastern Bohemia], Žďárské vrchy Mountains, Ransko, 1.4 km north-northwest of the hilltop 'Ranský Babylon' [673 m], 1.2 km west of Staré Ransko, 49°40'48.8"N, 015°48'44.8"E, 565 m above sea level, spruce forest, on vertical faces of a serpentic boulder, 5 September 2014, collected and determined by Zdeněk Palice (18232).

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**482. Buellia dimbulahensis Elix**

**AUSTRALIA**, Queensland, 60 km northwest of Charters Towers, Redfalls, 19°56'S, 145°44'E, 340 m above sea level, southern aspect of rocky outcrops beside a water pool, on rocks, 22 February 1986, collected by Gerhard Rambold (4696), determined by Jack Elix (2015).

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**483. Buellia epigaeella\* Elix & Kantvilas**

[PARATYPE]

**AUSTRALIA**, Queensland, Leichhardt Highway, 12 km south-southeast of Taroom, 25°45'S, 149°51'E, 200 m above sea level, disturbed [dry] monsoon scrub [on flats], on soil, 30 August 1993, collected and determined by J[ohn] A[lan] Elix (35089).

\*Note: In the protologue (ELIX & KANTVILAS 2013. Australasian Lichenology 73: 26–27), the epithet was misspelled as 'epigaella'. – TLC (Elix 2010): No lichen substances detected.

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#### 484. *Dimelaena oreina* (Acharius) Norman

[chemotype Va]

**AUSTRIA**, Tirol, Eastern Alps, Upper Inn Valley, 5.4 km southeast of Landeck, 450 m south of the centre of Fließ, "Fließler Sonnenhänge", 47°06'58"N, 010°37'35"E, 1000 m above sea level, grid number 8829/4, south-exposed slopes with siliceous outcrops, on schist, 11 July 2018, collected and determined by Helmut Mayrhofer (21796).

Note: TLC (Kosnik & Mayrhofer): Usnic acid, stictic acid, norstictic acid.

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#### 485. *Lecanora polytropa* (Ehrhart) Rabenhorst

**AUSTRIA**, Steiermark (=Styria), Eastern Alps, Seetal Alps, Zirbitzkogel Massif, 9.1 km west-northwest of Obdach, Sabathyalm, 750 m northeast of the summit 'Oberer Schlaferkogel', northeast side of a small mountain knowe, 47°04'52"N, 014°34'36"E, 2060 m above sea level, grid number 8953/1, mosaic of Loiseleurietum and bare ground with numerous low rocks, on fieldstones (mica schist), 11 October 2018, collected and determined by Josef Hafellner (83753).

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#### 486. *Lobarina scrobiculata* (Scopoli) Nylander

**SPAIN**, Canary Islands, La Gomera, Garajonay, 3.6 km east of the village Temo-codá, in a depression north below the summit, 28°06'45"N, 017°14'45"W, 1360 m above sea level, old *Erica*-forest, on bark of a dead *Pinus*-tree (in the crown-area), 18 February 1991, collected by Josef Hafellner (34781) & Angela Hafellner, determined by Josef Hafellner (2019).

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#### 487. *Melanohalea exasperata* (De Notaris) Oscar Blanco

Ana Crespo, Divakar, Esslinger, David Hawksworth & Lumbsch

**SPAIN**, Canary Islands, Tenerife, by the road (TF-21) from La Orotava to El Portillo, 1 km above Montaña Bermeja, 28°19'15"N, 016°33'20"W, 1750 m above sea level, open *Pinus-canariensis*-forest with dominant *Chamaecytisus proliferus* in the understorey, on bark of *Chamaecytisus proliferus*, 17 February 1989, collected by Josef Hafellner (84218) & Angela Hafellner, determined by Josef Hafellner (2019).

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### 488. *Mycocalicium subtile* (Persoon) Szatala

**AUSTRIA**, Kärnten (=Carinthia), Eastern Alps, Styrian Fringe Mountains, Koralpe, 14 km northeast of the centre of Wolfsberg, path from Stoffhütte (on the Styrian side) to Bärofen (on the Carinthian side), 46°53'15"N, 015°00'50"E, 1560 m above sea level, grid number 9156/1, conifer forest (on a gently inclined, north-facing slope), on snag of *Picea abies*, 25 June 2006, collected by Josef Hafellner (70771) & Lucia Muggia, determined by Josef Hafellner.

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### 489. *Parmelina carporrhizans* (Taylor) Hale

**SPAIN**, Canary Islands, Tenerife, road 'TF-523' to the central ridge (Cordillera Dorsal) of the island, 15 km above the village Arafo, 28°22'50"N, 016°26'20"E, 1450–1480 m above sea level, *Castanea-sativa*-plantation (south-exposed slopes), on thick branches of *Castanea sativa* (lower crown-area), 18 February 1989, collected by Josef Hafellner (84252) & Angela Hafellner, determined by Josef Hafellner (2019).

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### 490. *Physma ahtianum* Verdon & Elix

**AUSTRALIA**, Queensland, Carnarvon Highway, 29 km northeast of Injune, 25°38'S, 148°43'E, 470 m above sea level, *Callitris*-dominated forest on flats, on bark of *Callitris*, 19 August 1993, collected and determined by John Alan (Jack) Elix (34034).

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### 491. *Pseudocyphellaria crocata* coll.

**SPAIN**, Canary Islands, La Gomera, Garajonay, 3.6 km east of the village Temocodá, in a depression north below the summit, 28°06'45"N, 017°14'45"W, 1360 m above sea level, old *Erica*-forest, on bark of a dead *Pinus*-tree (in the crown-area), 18 February 1991, collected by Josef Hafellner (34784) & Angela Hafellner, determined by Josef Hafellner (2019).

Note: The collective taxon *Pseudocyphellaria crocata* has recently been divided into 13 taxa (that applies even only for the Americas and does not include *P. crocata* s.str.) by Lücking et al. (2017, *The Bryologist* 120: 441–500). According to their key, the present material closely resembles *Pseudocyphellaria holarctica*.

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#### 492. *Ramalina fraxinea* (Linnaeus) Acharius (including var. *calicariformis*)

**AUSTRIA**, Steiermark (=Styria), Eastern Alps, Gurktal Alps (including 'Neumarkter Passlandschaft'), 5.5 km southwest of the centre of Neumarkt, east-facing slopes of Grebenzen, 800 m west-southwest of Pöllau, 'Winkelmoar' (near the spring 'Pöllauer Ursprung'), 47°02'13"N, 014°22'34"E, 1130 m above sea level, grid number 8952/3, single trees along a gravel road, on twigs of *Acer pseudoplatanus* (along a road), 25 December 2018, collected and determined by Walter Obermayer (14036).

Note: In many specimens two morpho(geno-?)types can be seen: A frequently occurring morphotype (*Ramalina fraxinea* var. *fraxinea*) with rather broad and flat thalli and a morphotype with narrow and often ± canaliculate thalli (var. *calicariformis*) similar to those of *Ramalina calicaris*. However, the slightly curved to kidney-shaped spores of the issued small-lobed specimens are typical for *Ramalina fraxinea* (incl. var. *calicariformis*), whereas *R. calicaris* has straight, broadly ellipsoid spores. TLC (Obermayer 564-07→12; specimens in GZU, CANB, and UPS tested): Usnic acid (in traces only). In all three specimens, both typical broad thalli and 'untypical' narrow thalli (var. *calicariformis*) were used for analyses.

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#### 493. *Ramalina siliquosa* (Hudson) Annie Lorrain Smith

**PORTUGAL**, Viana do Castelo District, 9 km north-northwest of the centre of Viana do Castelo, 1.7 km southwest of the centre of Afife, near the shore at the southern edge of Praia do Bico, 41°46'01"N, 008°52'34"W, 5 m above sea level, granite boulders, on granite rocks, 21 July 1996, collected and determined by Helmut Mayrhofer (21841).

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#### 494. *Rhizocarpon geographicum* (Linnaeus) De Candolle

**AUSTRIA**, Steiermark (=Styria), Eastern Alps, Lower Tauern, Seckauer Tauern, mountains north of Seckau, ridge area between Hämmerkogel and Schwaigerhöhe, 47°20'25"N, 014°45'25"E, 2130 m above sea level, grid number 8654/4, windblown ridge with open alpine vegetation, on gneissic fieldstones, 15 October 2017, collected and determined by Josef Hafellner (83740).

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#### 495. *Rinodina oleae* Baglietto

**IRELAND**, County Clare (Contae an Chláir), 2.2 km northwest of the centre of Doonbeg, 'White Strand Doonbeg', southern bound, 52°44'47"N, 009°32'56"W, 2 m above sea level, coastal rocks, on schist, 17 July 2012, collected and determined by Helmut Mayrhofer (21840).

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**496. *Rinodina sophodes* (Acharius) Abramo Massalongo**

**GREECE**, Autonomous State Mount Athos (Ágion Óros) at the Athos peninsula, 1.6 km southwest of the summit of Mount Athos, path from Skiti Mikris Agias Annas to the Ekklesia Agiasma Panagias, 40°08'44"N, 024°19'04"E, 1220 m above sea level, west-facing slopes with scattered *Pinus nigra* and *Fraxinus ornus*, on small twigs of *Fraxinus ornus*, 19 June 1994, collected and determined by Helmut Mayrhofer (21839) [excursion together with Herwig Teppner].

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**497. *Schaereria fuscocinerea* (Nylander) Clauzade & Claude Roux var. *sorediata* (Houmeau & Claude Roux) Coppins**

**AUSTRIA**, Kärnten (=Carinthia), Eastern Alps, Styrian Fringe Mountains, Koralpe, 10.5 km southeast of the centre of Wolfsberg, Großes Kar, northeast facing slopes of the ridge between the summits of Steinschneider and Großer Speikkogel, 46°47'35"N, 014°57'55"E, 1950 m above sea level, grid number 9255/2, siliceous boulders and *Pinus mugo*, on inclined faces of big gneissic boulders, 19 July 2012, collected by Josef Hafellner (80161), Lucia Muggia & Antonia Fleischhacker, determined by Josef Hafellner.

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**498. *Seiophora villosa* (Acharius) Frödén**

**ITALY**, Lazio, prov. Roma, 26 km south-southwest of the centre (Piazza de la Repubblica) of Rome, 9.4 km west of the centre of Pomezia, Tenuta di Caccia di Castel Porziano, 41°40'43"N, 012°23'17"E, 5 m above sea level, macchia vegetation close to the beach, on twigs of unnamed shrubs in a low macchia stand, 8 May 1986, collected and determined by Helmut Mayrhofer (21843) & Josef Poelt.

Note: All specimens with apothecia.

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**499. *Tornabea scutellifera* (Withering) Jack Rodney Laundon**

**ITALY**, Lazio, prov. Roma, 26 km south-southwest of the centre (Piazza de la Repubblica) of Rom, 9.4 km west of the centre of Pomezia, Tenuta di Caccia di Castel Porziano, 41°40'43"N, 012°23'17"E, 5 m above sea level, macchia vegetation close to the beach, on twigs of unnamed shrubs in a low macchia stand, 8 May 1986, collected and determined by Helmut Mayrhofer (21842) & Josef Poelt.

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

[recently used synonym: *Pertusaria lactea*]

**AUSTRIA**, Steiermark (=Styria), Eastern Alps, Styrian Fringe Mountains, Koralpe, 15.2 km west of the centre of Deutschlandsberg, 400 m south of the pass Weinebene, Weinofen, 46°50'10"N, 015°01'00"E, 1720 m above sea level, grid number 9156/1, low outcrops and boulders of a brittle, siliceous schist (at the current timber line), on inclined rock faces, 15 September 2007, collected and determined by Josef Hafellner (70356).

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