

## Lichenized and lichenicolous fungi from the Pitiüses Archipelago (Eivissa and Formentera Islands and Islets), Balearic Islands, Spain

VIOLETA ATIENZA<sup>1\*</sup>, ELENA ARAUJO<sup>2</sup>, MARÍA DEL ROSARIO ARROYO<sup>2</sup>, ANA ROSA BURGAZ<sup>2</sup>, GEMMA FIGUERAS<sup>3</sup>, ANTONIO GÓMEZ-BOLEA<sup>3</sup>, NESTOR L. HLADUN<sup>3</sup>, XAVIER LLIMONA<sup>3</sup>, ESTEVE LLOP<sup>3</sup>, MARÍA EUGENIA LÓPEZ DE SILANES<sup>4</sup>, BERNARDA MARCOS<sup>5</sup>, ISRAEL PÉREZ-VARGAS<sup>6</sup>, RAQUEL PINO-BODAS<sup>7</sup>, ESTELA SERIÑA<sup>2</sup> & VÍCTOR J. RICO<sup>8</sup>

<sup>1</sup>Departament de Botànica, Universitat de València,

Doctor Moliner 50, 46071 Burjassot, València, Spain

<sup>2</sup>Departamento de Biología Vegetal I, Facultad de Biología,

Universidad Complutense, 28040 Madrid, Spain

<sup>3</sup>Departament de Biologia Vegetal (Botànica), Facultat de Biologia,

Universitat de Barcelona, Avda. Diagonal 645, 08028 Barcelona, Spain

<sup>4</sup>Departamento de Enxenería dos Recursos Naturais e Medio Ambiente,

Universidade de Vigo, A Xunqueira s/n, 36005 Pontevedra, Spain

<sup>5</sup>Departamento de Botánica, Facultad de Farmacia,

Universidad de Salamanca, 37007 Salamanca, Spain

<sup>6</sup>Departamento de Biología Vegetal,

Universidad de La Laguna, Astrofísico Sánchez s/n, 38071 La Laguna, Tenerife, Spain

<sup>7</sup>Botanical Museum, Finnish Museum of Natural History,

University of Helsinki, FI-00014, Helsinki, Finland

<sup>8</sup>Departamento de Biología Vegetal II, Facultad de Farmacia,

Universidad Complutense, 28040 Madrid, Spain

\* CORRESPONDENCE TO [M.Violeta.AtiENZA@uv.es](mailto:M.Violeta.AtiENZA@uv.es)

**ABSTRACT** — A preliminary checklist for the lichenized and lichenicolous fungi from the Pitiüses Archipelago in the Balearic Islands is presented, based on original records complemented with literature references. The catalogue of our collections in the Pitiüses Archipelago contains 302 lichens and lichenicolous fungi. To date, the checklist, together with records from the literature, include 360 lichens and lichenicolous fungi, representing 113 genera. *Muellerella lecanactidis* is a new record for Europe, 6 lichens and lichenicolous fungi are new for Spain and the Iberian Peninsula, 57 for the Balearic Islands and 116 for the Pitiüses Archipelago.

**KEY WORDS** — checklist, biodiversity, Mediterranean islands, Ibiza, *Muellerella*

### Introduction

The Spanish Lichen Society (SEL) within the Iberian Lichen Flora Project framework, organizes biannual lichen collecting field trips in the Iberian Peninsula and on the Balearic Islands. In September 2008, the selected location was the Pitiüses Archipelago. The Balearic Islands include the Pitiüses Archipelago which is formed by Eivissa (Ibiza) and Formentera Islands and numerous uninhabited islets, of which Sa Conillera, Es Vedrà and Tagomago are the largest and the most characteristic. Calcareous rocks, limestone, dolomite and marl, named locally “marés”, are the most common substrata. The climate is typically Mediterranean, with a dry ombroclimate 400 mm mean annual rainfall and a marked sea influence. Trees and shrubs include *Cneorum tricoccon*, *Pistacia lentiscus*, *Juniperus phoenicea*, *Pinus halepensis* and *Quercus coccifera* which form communities belonging to *Cneoro-Pistacietum lentiscii* (Rivas-Martínez et al. 1992). The highest locality is Sa Talaia de Sant Josep (476 m) on the Eivissa Island.

Previous data on lichens in the Pitiüses Archipelago are scarce. Most records of lichens refer to the Eivissa Island. The first lichen record for the Eivissa Island was *Xanthoria parietina* (as *Parmelia parietina*) mentioned by Barceló & Combis (1881: 535). Lately, four lichen species: *Squamarina crassa*, *S. lentigera*, *Lecanora rugosa* and *Cladonia rangiferina* f. *foliosa* were mentioned by Pau (1899), 13 by Knoche (1921: 197-213) and 23 by Maheu & Guillet (1921, 1922). It is remarkable Klement's (1965) synopsis on lichen flora and, vegetation from the Eivissa and Formentera Islands and the Tagomago and Sa Conillera Islets, including an annotated list of 147 lichens and

lichenicolous fungi. Egea (1984) also includes two species from the Es Vaixell Islet in his *Caloplaca* genus study. Recent new taxa descriptions include *Lecanora balearica* (Crespo & Llimona 1981), *Bacidia thyrrenica* (Llop et al. 2007) and *B. punica* (Llop 2010) from Eivissa Island, and *Caloplaca navasiana* (Navarro-Rosinés & Roux 1995) and *C. tavaresiana* (Navarro-Rosinés & Roux 1993) from Formentera Island. Here the results obtained from the field collections in 18 Pitiüses Archipelago localities, combined with a detailed literature survey (updated in the nomenclature, including synonymic and references interpretation), are presented as a checklist.

### Materials & methods

This study is based on original and literature data. The original data result from the study of specimens collected in 18 Pitiüses Archipelago localities visited during the III Lichenological Foray 8-13 September 2008 included in the “Flora Liquenológica Ibérica” Project; moreover, some of the localities were visited earlier during pre-excursion preparation in which some material was also collected. Specimens were studied following classical lichenology methods. Specimens have been deposited in the BCN, MACB, MAF, SALA, SANT, TFC and VAL herbaria.

The checklist includes alphabetically arranged genera and species, and the following data are provided for each taxon: name currently in use including authorities, records included in two sections: specimens examined from original records and previous reports based on literature citations from the Pitiüses Archipelago. The nomenclature, including synonymic interpretation of literature records, is based on a wide variety of sources, in particular: Index Fungorum ([www.indexfungorum.org](http://www.indexfungorum.org)), Mycobank (<http://www.mycobank.org>), Llimona & Hladun (2001), Hladun & Llimona (2002-2007), Nimis (1993), Nimis & Martellos (2004), Smith et al. (2009) and also recent revisions (e.g. Burgaz 2009, 2011, Giralt 2010, Llop 2007, Muñiz & Hladun 2011, Tehler et al. 2013). Author abbreviations follow Kirk & Ansell (1992).

### The visited localities

Eighteen localities on The Pitiüses Archipelago (Figure 1) were visited: 12 on the Eivissa Island, 3 on the Formentera Island, 2 on the Sa Conillera Islet and 1 on the Es Vedrà Islet, and they are listed below. Geographical coordinates represent the center of each visited locality and were obtained from <http://ideib.caib.es/visualitzador/visor.jsp>, it is also indicated the altitudinal range, habitat characteristics with suitable substrata and lichen phorophytes.

- 1. EIVISSA ISLAND: Sant Josep de Sa Talaia**, Punta de Ses Portes, in the vicinity of Sa Torre de Ses Portes (38°49'56"N 01°24'21"E), 0-6 m, savine forest on seashore dunes, marl, limestone and calcareous soil, *Juniperus phoenicea*, *Limonium* sp., *Opuntia ficus-indica*, *Pinus halepensis* and *Rosmarinus officinalis*.
- 2. EIVISSA ISLAND: Sant Josep de Sa Talaia**, Ses Salines d'Eivissa i Formentera Nature Reserve, Sant Francesc de S'Estany (38°52'04"N 01°23'32"E), 10-60 m, slopes with pine trees on sandy soil, marl, limestone and soils with limes and slight crust in sunny and salty conditions, *Arthrocnemum* sp., *Juniperus oxycedrus*, *Pinus halepensis* and *Pistacia lentiscus*.
- 3. EIVISSA ISLAND: Sant Antoni de Portmany**, Es Amunts coast, between Cap Negret and Ses Balandres, road from Santa Agnès de Corona towards picnic area of Las Puertas del Cielo, road towards the S'Illot cliffs (39°02'40"N 01°19'15"E), 60-140 m, coastal steep limestone on northern exposure and savine forest on calcareous soil, *Cneorum tricoccon*, *Juniperus phoenicea*, *Pinus halepensis* and *Pistacia lentiscus*.
- 4. EIVISSA ISLAND: Sant Antoni de Portmany**, Santa Agnès de Corona, Es Pla de Corona (39°02'27"N 01°19'20"E), 180 m, slope with carob and olive groves abandoned on terraces, limestone and calcareous soil, *Ceratonia siliqua*, *Olea europaea*, *Opuntia ficus-indica* and *Prunus dulcis*.
- 5. FORMENTERA ISLAND: Formentera**, from La Savina to Pilar de La Mola, La Mola lighthouse, cliffs and overhangs (38°39'50"N 01°35'02"E), 90-100 m, coastal limestone cliffs with overhangs and caves and savine

forest, limestone and calcareous soil, *Juniperus phoenicea*, *Nerium oleander*, *Pistacia lentiscus* and *Thymelaea hirsuta*.

6. **FORMENTERA ISLAND: Formentera**, from La Savina to Pilar de La Mola, road towards Es Ram, Es Ram (38°39'18"N 01°31'27"E), 0-20 m, coastal savine forest with pines, limestone, marl and calcareous soil, *Erica multiflora*, *Juniperus phoenicea*, *Pinus halepensis* and *Pistacia lentiscus*.
7. **FORMENTERA ISLAND: Formentera**, La Savina harbor (38°43'57"N 01°24'59"E), 0-3 m, limestone, marl, calcareous soil and man-made walls, *Juniperus phoeniceae* and *Phoenix* sp.
8. **EIVISSA ISLAND: Sant Antoni de Portmany**, Es Vedrà, Es Vedranell i els Illots de Ponent Nature Reserve, SA **CONILLERA ISLET**, road towards the Des Cavall tip and the Sa Conillera lighthouse, north of the islet, close to the lighthouse (38°58'36"N 01°12'45"E), 0-68 m, seashore cliffs and savine forest with mastic, hard limestone, limestone crust, skidding materials and calcareous soil, *Juniperus phoenicea*, *Pinus halepensis*, *Pistacia lentiscus* and *Rosmarinus officinalis*.
9. **EIVISSA ISLAND: Sant Antoni de Portmany**, Es Vedrà, Es Vedranell i els Illots de Ponent Nature Reserve, SA **CONILLERA ISLET**, direction to Es Cap des Blancar, south of the islet (38°58'40"N 01°12'50"E), 0-54 m, savine coastal forest with mastic, limestone, marl, limestone crust and calcareous soil, *Juniperus phoenicea* and *Pistacia lentiscus*.
10. **EIVISSA ISLAND: Sant Josep de Sa Talaia**, Es Vedrà, Es Vedranell i els Illots de Ponent Nature Reserve, **ES VEDRÀ ISLET**, NW slope (38°52'03"N 01°11'59"E), 0-382 m, cliffs on the seashore, exposed to the sea and water spray, overhangs, caves and horizontal surfaces, hard limestone, *Pistacia lentiscus*.
11. **EIVISSA ISLAND: Sant Josep de Sa Talaia**, road from Eivissa to Sant Josep de Sa Talaia, road from Sa Carroca to Serra de Ses Fontanelles, slopes of Es Coscollar (38°55'35"N 01°02'32"E), 156 m, inland kermes oak forest with mastic, pine and bryophytes, limestone outcrops, calcareous soil (terra rossa), *Cistus albidus*, *Quercus coccifera*, *Juniperus oxycedrus*, *Pinus halepensis* and *Pistacia lentiscus*.
12. **EIVISSA ISLAND: Sant Josep de Sa Talaia**, road from Sant Josep de Sa Talaia to Cala Vedella, road to Sa Talaia de Sant Josep, hill top slopes and the Sa Talaia hill (38°54'40"N 01°16'24"E), 375-476 m, inland savine forest with mastic, arbutus and white jara, profusely planted with pines, marl, argillaceous limestone and calcareous soil, *Cistus albidus*, *Erica multiflora*, *Quercus coccifera*, *Juniperus oxycedrus*, *J. phoenicea*, *Pinus halepensis*, *Pistacia lentiscus*, *Rosmarinus officinalis*, *Thymus* sp. and bryophytes.
13. **EIVISSA ISLAND: Sant Joan de Labritja**, Sant Vicent Bay, Punta Grossa (39°05'N 01°35'E), 100 m, coastal savine forest and shrubland, limestone and calcareous soil, *Quercus coccifera* and *Juniperus phoenicea*.
14. **EIVISSA ISLAND: Sant Joan de Labritja**, Sant Vicent Bay, road towards Es Culleram cave (39°05'N 01°35'E), 100 m, coastal shrubland with pines, limestone, *Pinus halepensis*.
15. **EIVISSA ISLAND: Santa Eulàlia des Riu**, S'Estanyol Bay (38°59'N 01°32'E), 5 m, abandoned groves with trees sporadically located in the bay area, limestone, *Ceratonia siliqua*.
16. **EIVISSA ISLAND: Sant Joan de Labritja**, Balàfia, Can Pere Mosson recreation area (39°02'N 01°29'E), 200 m, inland site in the center of the Eivissa Island, woodland and shrubland park, *Pinus halepensis* and *Pistacia lentiscus*.
17. **EIVISSA ISLAND: Sant Joan de Labritja**, Sant Miquel harbour, acces to Can Marçà cave (39°04'N 01°24'E), 15 m, coastal cliffs and savine forest, limestone, *Juniperus phoenicea*.
18. **EIVISSA ISLAND: Sant Josep de Sa Talaia**, road to Torre des Sabinar, opposite coast to Es Vedrà Islet, (38°52'N 01°13'E), 125 m, coastal savine forest with pines, hard limestone, marls, limestone crust, conglomerates and calcareous soil, *Juniperus phoenicea* and *Pinus halepensis*.



Figure 1. Geographical location of the 18 visited sites on The Pitiüses Archipelago (above right map). Location of the Archipelago (bottom left map) on the east coast of the Iberian Peninsula.

## Results

The preliminary catalogue of our collections from the Pitiüses Archipelago contains 302 species and infraspecific taxa of which 279 are lichens and 23 are lichenicolous fungi, all belonging to 113 genera. The checklist, together with records from the literature, include 360 lichens and lichenicolous fungi from this Archipelago. The resulting number of taxa, per Island and Islet (including bibliographic data), are: Eivissa 325, Formentera 133, Sa Conillera 83, Es Vedrà 42, Tagomago 35 and Es Vaixell 2. To date, 2116 herbarium specimens vouchers from our collections have been placed in the following Iberian herbaria: BCN, MACB, MAF, SALA, SANT, TFC and VAL.

Regarding the percentage of lichen growth forms on the Pitiüses Archipelago, most lichen species are mainly crustose (74%), including squamulose species, as opposed to foliose (6%), fruticose (6%), dimorphic (5%), gelatinose (2%) and lichenicolous fungi (7%). The habitat percentages of lichen species on the Pitiüses Archipelago are: epiphytic 42%, saxicolous 37%, 14% live on soil, while 7% of species grow on other lichens as lichenicolous. The best represented lichen genera in the Pitiüses Archipelago are: *Caloplaca* (47 species and infraspecific taxa), *Lecanora* (20), *Arthonia* (15), *Cladonia* (15), *Ramalina* (13), *Opegrapha* (11) and *Rinodina* (11).

According to our data, the most significant records of the catalogue are: *Muellerella lecanactidis*, a new record for Europe and previously known only from the type locality in southern California just north of the Sonoran region, USA (Diederich 2003, Triebel & Kainz in Nash III et al. 2004); the lichenicolous fungi *Arthonia neglectula* on *Thelenella modesta*, and *Taeniolina scripta* on *Agonimia allobata*, and the lichens *Caloplaca cretensis*, *Gyalecta crozalsii*, *Micarea micrococca* and *Opegrapha deusta*, which are all six new records for Iberian lichen flora. A total of 57 lichens and lichenicolous fungi are new records for the Balearic Islands, as listed in the species catalogue below. For the Pitiüses Archipelago 116 species and infraspecific taxa represent new reports, and per Island and Islet: 170 new records for Eivissa, 74 for Sa Conillera, 56 for Formentera and 42 for Es Vedrà. Finally, 52 taxon references from the literature (mostly from Klement 1965) have not been confirmed during this study (see the doubtful records list below). The presence of these taxa will be verified through the study of Klement's Eivissa materials that are deposited in M.

Sa Talaia de Sant Josep, the highest altitude locality on the Pitiüses Archipelago (Eivissa Island), proved to be the richest area in foliose, fruticose and dimorphic lichens. In the other localities, on all the islands and islets, which are more influenced by the sea, crustose lichens dominated due to drier climate and a greater sea wind influence. The diversity of the Sa Talaia lichen species includes *Parmotrema hypoleucinum*, considered an Endangered species in the Valencian Community Lichen Red List (Atienza & Segarra 2000). Some epiphytic species such as *Tornabea scutellifera*, *Parmotrema hypoleucinum* and *Ramalina implectens*, are also included in the European Macro-lichen Red List (Sérusiaux 1989). The terricolous lichen *Cladonia mediterranea*, a species that is also frequent in Sa Talaia hills, is considered extinct in some Iberian Mediterranean coastal areas, as in the Valencian Community (Laguna 2003).

For the genus *Xanthoria*, particularly the *Xanthoria parietina complex*, we follow the point of view of Lindblom & Ekman (2005), Lindblom et al. (2005) and Smith et al. (2009). Moreover we agree with Nimis (1993) and Nimis & Martellos (<http://dbiodbs.univ.trieste.it/>), who consider *Xanthoria aureola* to be a coastal Mediterranean-Atlantic species also found on limestone.

Based on phylogenetic results, Ertz & Theler (2011) synonymized *Ingaderia troglodytica* in *Paralecanographa grumulosa* as a morphological variant with a fruticose sterile thallus. The fruticose morphotype characteristically occurs in small caves on calcareous vertical cliffs in somewhat shady places protected from rain. It is frequent on cliffs from the Formentera Island and the Es Vedrà Islet. In the Valencian Community Lichen Red List it is considered Critically Endangered (Atienza & Segarra 2000, 2006). Consequently in the list we consider *Ingaderia troglodytica* separated from *Paralecanographa grumulosa*.

### The species list

Genera and species are alphabetically listed. Lichenicolous fungi are preceded with (≠). The names marked with (\*) are new for the Pitiüses Archipelago, with (\*\*) for the Balearic Islands, (\*\*\*) that are new for Spain and The Iberian Peninsula or for Europe (\*\*\*\*). The specimens examined paragraph includes the material collected by the authors. For quick reference, the respective islands and islets are emphasized in boldface and small capitals. Further, the locality number in boldface, substrate, collection date, collector, and herbarium number are included alphabetically for each specimen. The previous reports paragraph contains bibliographic records from The Pitiüses Archipelago, organized per islands or islets arranged in alphabetic order: Eivissa (Eivissa Island, Ibiza Island), Es Vaixell (Es Vaixell Islet), Es Vedrà (Es Vedrà Islet), Formentera (Formentera Island), Sa Conillera (Sa Conillera Islet) and Tagomago (Tagomago Islet). Collector abbreviations include *EA* (Araujo), *VA* (Atienza), *RA* (Arroyo), *ARB* (Burgaz), *GF* (Figueras), *AGB* (Gómez-Bolea), *NH* (Hladun), *XLL* (Limona), *ELL* (Llop), *MELDS* (López de Silanes), *BM* (Marcos), *IPV* (Pérez-Vargas), *RPB* (Pino-Bodas), *VJR* (Rico) and *ES* (Seriñá). Below is a list of old and dubious literature records that mostly need to be confirmed.

#### \*\**Acrocordia cavata* (Ach.) R. C. Harris

SPECIMENS EXAMINED — **EIVISSA: 11**, on *Quercus coccifera* — 11.IX.2008, *ELL* (BCN-Lich. 16625, 16629). **12**, on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16673). **SA CONILLERA: 8**, on *P. lentiscus*, 11.IX.2008, *ELL* (BCN-Lich. 16597, 16598).

#### \**Acrocordia gemmata* (Ach.) A. Massal.

SPECIMEN EXAMINED — **EIVISSA: 13**, on *Juniperus phoenicea* — 13.IX.2005, *ELL* (BCN-Lich. 14906).

#### \*\**Acrocordia salweyi* (Leight. ex Nyl.) A. L. Sm.

SPECIMENS EXAMINED — **EIVISSA: 12**, on limestone — 12.IX.2008, *VJR* (MAF-Lich. 16304), *XLL* (BCN-Lich. 18452).

#### \*\**Agonimia allobata* (Stizenb.) P. W. James

SPECIMENS EXAMINED — **EIVISSA: 4**, on *Prunus dulcis* — 9.IX.2008, *ELL* (BCN-Lich. 16539), on *Ceratonia siliqua* — 9.IX.2008, *VA* (VAL\_Lich. 27709), on *Olea europaea* — 9.IX.2008, *ELL* (BCN-Lich. 16541).

#### \*\**Agonimia opuntiella* (Buschardt & Poelt) Vězda

SPECIMENS EXAMINED — **EIVISSA: 12**, on *Pinus halepensis* — 12.IX.2008, *ELL* (BCN Lich. 16653), *VA* (VAB\_lich. 27710).

#### \**Agonimia tristicula* (Nyl.) Zahlbr.

SPECIMEN EXAMINED — **EIVISSA: 3**, on mosses on limestone — 9.IX.2008, *BM* (SALA-Lich. 4312).

#### \**Alyxoria subelevata* (Nyl.) Ertz & Tehler

SPECIMEN EXAMINED — **FORMENTERA: 5**, on limestone — 10.IX.2008, *IPV* (TFC-Lich. 7183, as *Opegrapha subelevata*).

#### *Alyxoria varia* (Pers) Ertz & Tehler

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *ARB* (MACB 99681, as *Opegrapha varia*), *NH* & *GF* (BCN-Lich. 16706, as *Opegrapha lichenoides*), *RPB* (MACB 99405, as *O. varia*). **2**, on *Pinus halepensis* — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16758, as *O. varia*). **11**, on *Juniperus oxycedrus* — 11.IX.2008, *ELL* (BCN-Lich. 16614, 16626, as *O. varia*), on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16629, 16875, as *O. varia*). **12**, on *J. phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16335, as *O. varia*), on *P. halepensis* — 4.IV.2008, *VJR* (MAF-Lich. 16325, as *O. varia*), on *P. halepensis*, 12.IX.2008, *ELL* (BCN-Lich. 16639, as *O. varia*). **16**, on *Pistacia lentiscus* — 16.IX.2005, *ELL* (BCN-Lich. 14915, as *O. varia*). **FORMENTERA: 6**, on *J. phoenicea* — 10.IX.2008, *ELL* (BCN-Lich. 16550, as *Opegrapha pulicaris*), *IPV* (TFC-Lich. 7262, as *O. varia*), *MELDS* (SANT-Lich. 11368, as *O. varia*). **SA CONILLERA: 8**, on *J. phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16593, as *O. varia*).

PREVIOUS REPORT — **FORMENTERA:** on *Juniperus phoenicea* — Torrente & Egea (1989, as *Opegrapha varia*).

#### *Amandinea punctata* (Hoffm.) Coppins & Scheid.

SPECIMENS EXAMINED — **EIVISSA: 3**, on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4429). **12**, on *Juniperus oxycedrus* — 12.IX.2008, *ELL* (BCN-Lich. 16661).

PREVIOUS REPORTS — **EIVISSA:** on *Ceratonia siliqua*, *Olea europaea* and *Cupressus* sp. — Klement (1965, as *Buellia punctata*).

#### \**Arthonia albopulverea* Nyl.

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *IPV* (TFC-Lich. 7271), on *Opuntia ficus-indica* — 9.IX.2008, *BM* (SALA-Lich. 4416, as *Arthothelium crozalsianum*), on *Pinus halepensis* — 9.IX.2008, *RA*, *ES* & *EA* (MACB 98555), *XLL* (BCN-Lich. 18410). **4**, on *O. ficus-indica* — 9.IX.2008, *BM* (SALA-Lich. 4417, as *A. crozalsianum*), *VA* (VAL\_Lich. 27711). **FORMENTERA: 6**, on *P. halepensis* — 10.IX.2008, *XLL* (BCN-Lich. 18431).

**\**Arthonia atra* (Pers.) A. Schneid.**

SPECIMENS EXAMINED — **EIVISSA: 4**, on *Ceratonia siliqua* — 9.IX.2008, *MELDS* (SANT-Lich. 11333). **12**, on *Juniperus phoenicea* — 12.IX.2008, *RA, ES & EA* (MACB 98781, as *Opegrapha atra*). **FORMENTERA: 6**, on *Pinus halepensis* — 10.IX.2008, *ELL* (BCN-Lich. 16547, as *O. atra*). **SA CONILLERA: 8**, on *J. phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16584, 16587, as *O. atra*).

***Arthonia calcarea* (Turner ex Sm.) Ertz & Diederich**

SPECIMENS EXAMINED — **EIVISSA: 1**, on marl — 9.IX.2008, *ELL* (BCN-Lich. 16494, 16504, 16505, 16507, 16508, as *Opegrapha calcarea*). *NH & GF* (BCN-Lich. 16685, 16717, 16718, 16723, as *O. calcarea*). *RA, ES & EA* (MACB 98566, as *O. calcarea*). *VJR* (MAF-Lich. 16352, 16396, as *O. calcarea*). **3**, on limestone — 9.IX.2008, *MELDS* (SANT-Lich. 11334). *RA, ES & EA* (MACB 98929, as *O. calcarea*). **11**, on limestone — 11.IX.2008, *NH & GF* (BCN-Lich. 16779, as *O. calcarea*). **12**, on limestone — 12.IX.2008, *BM* (SALA-Lich. 4430, as *O. calcarea*), *XLL* (BCN-Lich. 18442). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *VJR* (MAF-Lich. 16366, as *O. calcarea*). **FORMENTERA: 5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16577, as *Opegrapha trifurcata*). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *ARB* (MACB 99680, as *O. calcarea*).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Klement (1965, as *Opegrapha calcarea*). **FORMENTERA:** on rocks — Torrente & Egea (1989, as *O. calcarea*).

**\**Arthonia cinnabarina* (DC.) Wallr.**

SPECIMENS EXAMINED — **EIVISSA: 11**, on *Juniperus oxycedrus* — 2.IV.2008, *VA* (VAL\_Lich. 27713), on *J. oxycedrus* — 11.IX.2008, *ELL* (BCN-Lich. 16613, 16626, 16618), on *Pistacia lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16624), on *Pinus halepensis* — 11.IX.2008, *IPV* (TFC-Lich. 7245), *MELDS* (SANT-Lich. 11336), on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16842), *ELL* (BCN-Lich. 16615, 16629), *VA* (VAL\_Lich. 27712). **12**, on *Cistus albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16642, 16643, 16644), on *Cneorum tricoccon* — 12.IX.2008, *ELL* (BCN-Lich. 16652), on *J. oxycedrus* — 12.IX.2008, *ELL* (BCN-Lich. 16651), on *P. lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16647, 16664, 16665).

**\**Arthonia diploiciae* Calat. & Diederich**

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Diploicia canescens* — 9.IX.2008, *NH & GF* (BCN-Lich. 16683). **ES VEDRÀ: 10**, on *D. canescens* — 11.IX.2008, *AGB* (BCN-Lich. 16927).

**\**Arthonia exilis* (Flörke) Anzi**

SPECIMENS EXAMINED — **EIVISSA: 11**, on *Cistus albidus* — 11.IX.2008, *ELL* (BCN-Lich. 16617). **FORMENTERA: 6**, on *Pistacia lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 1656, 16562). **SA CONILLERA: 8**, on *Juniperus phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16589).

***Arthonia melanophthalma* Dufour**

SPECIMENS EXAMINED — **EIVISSA: 1**, on bark — 9.IX.2008, *BM* (SALA-Lich. 4392). **4**, on *Ceratonia siliqua* — 9.IX.2008, *MELDS* (SANT-Lich. 11335), on *Prunus dulcis* — 9.IX.2008, *RA, ES & EA* (MACB 98885). **11**, on *Pinus halepensis* — 11.IX.2008, *AGB* (BCN-Lich. 16917).

PREVIOUS REPORTS — **EIVISSA:** on *Pinus* sp. and *Ceratonia* sp. — Klement (1965). **FORMENTERA:** on *Pinus* sp. and *Ceratonia* sp. — Klement (1965).

**\*\**Arthonia molendoi* (Heufl. ex Frauenf.) R. Sant.**

SPECIMEN EXAMINED — **EIVISSA: 2**, on *Xanthoria parietina* — 9.IX.2008, *ELL* (BCN-Lich. 16520).

**\*\*\**Arthonia neglectula* Nyl.**

SPECIMEN EXAMINED — **EIVISSA: 2**, on *Thelenella modesta* — 9.IX.2008, *ELL* (BCN-Lich. 16524).

**\**Arthonia radiata* (Pers.) Ach.**

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Opuntia ficus-indica* — 9.IX.2008, *BM* (SALA-Lich. 4418). **11**, on *Juniperus oxycedrus* — 11.IX.2008, *ELL* (BCN-Lich. 16626). **FORMENTERA: 5**, on *Thymelaea hirsuta* — 10.IX.2008, *ELL* (BCN-Lich. 16563, 16564). **SA CONILLERA: 8**, on *Pinus halepensis* — 11.IX.2008, *ELL* (BCN-Lich. 16579).

**\*\**Arthonia zwackhii* Sandst.**

SPECIMENS EXAMINED — **EIVISSA: 3**, on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16538). **11**, on *Juniperus oxycedrus* — 11.IX.2008, *ELL* (BCN-Lich. 16612, 16626), on *Quercus coccifera* — 11.IX.2008, *ELL* (BCN-Lich. 16615, 16629), on *P. lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16624). **12**, on *Cneorum tricoccon* — 12.IX.2008, *ELL* (BCN-Lich. 16652).

***Arthothelium sardoum* Bagl.**

SPECIMEN EXAMINED — **EIVISSA: 1**, on bark — 9.IX.2008, *RPB* (MACB 99384).

PREVIOUS REPORT — **EIVISSA:** on *Pinus halepensis* — Klement (1965).

**\**Arthrosporium populorum* A. Massal.**

SPECIMEN EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16914).

***Aspicilia calcarea* (L.) Körb.**

SPECIMENS EXAMINED — **EIVISSA: 3**, on limestone — 9.IX.2008, *BM* (SALA-Lich. 4428). **12**, on limestone — 12.IX.2008, *AGB* (BCN-Lich. 16922), *ARB* (MACB 99633), *IPV* (TFC-Lich. 7205), *XLL* (BCN-Lich. 18451). **FORMENTERA: 5**, on limestone — 10.IX.2008, *NH & GF* (BCN-Lich. 16759).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Klement (1965). **FORMENTERA:** on limestone — Maheu & Gillet (1922, as *Aspicilia calcarea* var. *concreta*), Klement (1965).

**\**Aspicilia cheresina* (Müll. Arg.) Hue**

SPECIMENS EXAMINED — **EIVISSA: 1**, on marl — 9.IX.2008, *ELL* (BCN-Lich. 16504, 16507, 16508). **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16542, 16544, 16545, 16546). **12**, on limestone — 12.IX.2008, *ELL* (BCN-Lich. 16648, 16649, 16650). **FORMENTERA: 5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16575).

**\**Aspicilia contorta* subsp. *hoffmanniana* S. Ekman & Fröberg ex R. Sant.**

SPECIMENS EXAMINED — **EIVISSA: 12**, on limestone — 12.IX.2008, *XLL* (BCN-Lich. 18451). **FORMENTERA: 5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4384).

**\*\**Bacidia absistens* (Nyl.) Arnold**

SPECIMENS EXAMINED — **EIVISSA: 12**, on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16646, 16647).

***Bacidia arceutina* (Ach.) Rehm & Arnold**

SPECIMENS EXAMINED — **EIVISSA: 11**, on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16873).

PREVIOUS REPORTS — **EIVISSA:** on *Olea europaea*, *Ceratonia silicua* and *Pinus halepensis* — Klement (1965). **FORMENTERA:** on *C. siliqua* and *Cupressus* sp. — Klement (1965). **TAGOMAGO:** on *Cistus* sp. and *Rosmarinus officinalis* — Klement (1965).

**\**Bacidia auerswaldii* (Hepp ex Stizenb.) Mig.**

SPECIMENS EXAMINED — **EIVISSA: 4**, on *Olea europaea* — 9.IX.2008, *ELL* (BCN-Lich. 16541), on *Prunus dulcis* — 9.IX.2008, *ELL* (BCN-Lich. 16539).

***Bacidia parathalassica* Llop & Gómez-Bolea**

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16910), *ARB* (MACB 99635), *ELL* (BCN-Lich. 16492), *MELDS* (SANT-Lich. 11337), *NH & GF* (BCN-Lich. 16699), *VA* (VAL\_Lich. 27714). **4**, on *Olea europaea* — 9.IX.2008, *ELL* (BCN-Lich. 16541). **12**, on *J. phoenicea* — 12.IX.2008, *AGB* (BCN-Lich. 16822, 16871). **17**, on *J. phoenicea* — 16.IX.2005, *ELL* (BCN-Lich. 14916). **FORMENTERA: 6**, on *J. phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16832), *ELL* (BCN-Lich. 16558, 16559, 16562), *IPV* (TFC-Lich. 7254). **SA CONILLERA: 8**, on *J. phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16585, 16589).

PREVIOUS REPORT — **EIVISSA:** corticolous, near the sea — Llop (2007).

***Bacidia punica* Llop**

SPECIMENS EXAMINED — **EIVISSA: 16**, on *Pistacia lentiscus* — 16.IX.2005, *ELL* (BCN-Lich. 14915). **SA CONILLERA: 8**, on *Juniperus phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16583, 16588, 16589), on *P. lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16597).

PREVIOUS REPORTS — **EIVISSA:** on *Pistacia lentiscus* — Llop (2010).

***Bacidia thyrrhenica* Llop**

SPECIMENS EXAMINED — **EIVISSA: 12**, on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16669). **16**, on *P. lentiscus* — 16.IX.2005, *ELL* (BCN-Lich. 14914). **SA CONILLERA: 8**, on *P. lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16597).

PREVIOUS REPORT — **EIVISSA:** on *Pistacia lentiscus* — Llop et al. (2007).

**\**Bacidina assulata* (Körb.) S. Ekman**

SPECIMEN EXAMINED — **EIVISSA: 11**, on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16886).

***Bactrospora patellarioides* (Nyl.) Almq.**

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16843), *ELL* (BCN-Lich. 16484, 16492, 16500, 16503), *IPV* (TFC-Lich. 7280), *NH & GF* (BCN-Lich. 16742, 16688, as *Lecanactis patellarioides*), *RPB* (MACB 99411), on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4389), *MELDS* (SANT-Lich. 11338), *RA, ES & EA* (MACB 98556, 98557). **2**, on *P. halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16520, 16521), on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16522). **3**, on *P. halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16525, 16526, 16527), on *P. lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16538). **4**, on *Prunus dulcis* — 9.IX.2008, *ELL* (BCN-Lich. 16540), *NH & GF* (BCN-Lich. 16737). **11**, on *P. halepensis* — 11.IX.2008, *ELL* (BCN-Lich. 16622), *NH & GF* (BCN-Lich. 16778), on *Quercus coccifera* — 11.IX.2008, *ELL* (BCN-Lich. 16615, 16616, 16625, 16629). **12**, on *P. halepensis* — 12.IX.2008, *AGB* (BCN-Lich. 16924). **13**, on *J. phoenicea* — 13.IX.2005, *ELL* (BCN-Lich. 14902, 14904). **14**, on *P. halepensis* — 13.IX.2005, *ELL* (BCN-Lich. 14908, 14909), on *Q. coccifera* — 2.IV.2008, *VA* (VAL\_Lich. 27765, as *L. patellarioides*). **15**, on *Ceratonia siliqua* — 14.IX.2005, *ELL* (BCN-Lich. 14010). **16**, on *P. lentiscus* — 16.IX.2005, *ELL* (BCN-Lich. 14913). **18**, on *J. phoenicea* — 16.IX.2005, *ELL* (BCN-Lich. 14917, 14918), on *P. halepensis* — 16.IX.2005, *ELL* (BCN-Lich. 14920, 14921). **FORMENTERA: 6**, on *Erica multiflora* — 10.IX.2008, *ELL* (BCN-Lich. 16551, 16552), on *J. phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16834), *ELL* (BCN-Lich. 16549, 16550, 16555, 16557, 16559, 16562), on *P. halepensis* — 10.IX.2008, *ELL* (BCN-Lich. 16548, 16560), on *P. lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16553, 16554, 16561). **5**, on *Thymelaea hirsuta* — 10.IX.2008, *ELL* (BCN-Lich. 16564). **SA CONILLERA: 8**, on *J. phoenicea* — 2.IV.2008, *VA* (VAL\_Lich. 27764, as *L. patellarioides*), on *J. phoenicea* —



11.IX.2008, *ARB* (MACB 99636), *ELL* (BCN-Lich. 16581, 16584, 16585, 16586, 16587, 16588, 16589, 16590, 16597), *IPV* (TFC-Lich. 7235).

PREVIOUS REPORT — **FORMENTERA**: on *Juniperus phoenicea* — Longan (2006).

### ***Bagliettoa calciseda* (DC.) Gueidan & Cl. Roux**

SPECIMENS EXAMINED — **EIVISSA**: **1**, on limestone — 1.IV.2008, *VJR* (MAF-Lich. 16347, as *Verrucaria calciseda*). **ES VEDRÀ**: **10**, on limestone — 11.IX.2008, *VJR* (MAF-Lich. 16398, as *V. calciseda*). **FORMENTERA**: **5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4376, as *V. calciseda*).

PREVIOUS REPORTS — **EIVISSA**: on limestone — Klement (1965, as *Amphoridium calcisedum*). **FORMENTERA**: on limestone — Klement (1965, as *A. calcisedum*). **SA CONILLERA**: on limestone — Klement (1965, as *A. calcisedum*). **TAGOMAGO**: on limestone — Klement (1965, as *A. calcisedum*).

### ***Bagliettoa marmorea* (Scop.) Gueidan & Cl. Roux**

SPECIMENS EXAMINED — **EIVISSA**: **12**, on limestone — 12.IX.2008, *ELL* (BCN-Lich. 16650, as *Verrucaria marmorea*). **FORMENTERA**: **5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4378, as *V. marmorea*), *ELL* (BCN-Lich. 16578, as *V. marmorea*). **SA CONILLERA**: **8**, on limestone — 11.IX.2008, *ELL* (BCN-Lich. 16600, as *V. marmorea*).

PREVIOUS REPORTS — **EIVISSA**: on limestone — Klement (1965, as *Amphoridium marmoreum*). **FORMENTERA**: on limestone — Klement (1965, as *A. marmoreum*). **SA CONILLERA**: on limestone — Klement (1965, as *A. marmoreum*). **TAGOMAGO**: on limestone — Klement (1965, as *A. marmoreum*).

### ***Bagliettoa parmigera* (J. Steiner) Vězda & Poelt**

SPECIMENS EXAMINED — **EIVISSA**: **1**, on limestone — 9.IX.2008, *RPB* (MACB 99393, as *Verrucaria parmigera*), on marl — 9.IX.2008, *VJR* (MAF-Lich. 16307, as *V. parmigera*). **3**, on limestone — 9.IX.2008, *BM* (SALA-Lich. 4310, as *V. parmigera*). **12**, on limestone — 12.IX.2008, *AGB* (BCN-Lich. 16840, as *V. parmigera*), *VJR* (MAF-Lich. 16371, as *V. parmigera*), *XLL* (BCN-Lich. 18445, as *V. parmigera*).

PREVIOUS REPORTS — **EIVISSA**: on limestone — Klement (1965, as *Protobagliettoa parmigera* and *Amphoridium calcivorum*). **FORMENTERA**: on limestone — Klement (1965, as *P. parmigera*). **TAGOMAGO**: on limestone — Klement (1965, as *P. parmigera*).

### ***Bagliettoa parmigerella* (Zahlbr.) Vězda & Poelt**

SPECIMENS EXAMINED — **EIVISSA**: **12**, on limestone — 12.IX.2008, *XLL* (BCN-Lich. 18445).

PREVIOUS REPORT — **EIVISSA**: on limestone — Klement (1965, as *Protobagliettoa sphinctrinella*).

### ***Bagliettoa steineri* (Kušan) Vězda**

SPECIMENS EXAMINED — **EIVISSA**: **1**, on limestone — 1.IV.2008, *VJR* (MAF-Lich. 16309, as *V. steineri*), on marl — 9.IX.2008, *VJR* (MAF-Lich. 16306, as *Verrucaria steineri*). **12**, on limestone — 12.IX.2008, *VJR* (MAF-Lich. 16369, 16397, as *V. steineri*).

PREVIOUS REPORT — **EIVISSA**: on limestone — Klement (1965, as *Protobagliettoa steineri*).

### **\*\**Bilimbia lobulata* (Sommerf.) Hafellner & Coppins**

SPECIMENS EXAMINED — **EIVISSA**: **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16546). **12**, on limestone — 12.IX.2008, *VJR* (MAF-Lich. 16303).

### **\**Botryolepraria lesdainii* (Hue) Canals, Hern.-Mar., Gómez-Bolea & Llimona**

SPECIMENS EXAMINED — **EIVISSA**: **11**, on soil — 11.IX.2008, *AGB* (BCN-Lich. 16864), *XLL* (BCN-Lich. 18464).

### ***Buellia disciformis* (Fr.) Mudd**

SPECIMENS EXAMINED — **EIVISSA**: **1**, on *Juniperus phoenicea* — 9.IX.2008, *ARB* (MACB 99637). **11**, on *Pinus halepensis* — 11.IX.2008, *ELL* (BCN-Lich. 16621, 16622, as *Buellia subdisciformis*), *IPV* (TFC-Lich. 7252), *RA*, *ES* & *EA* (MACB 98597). **12**, on *J. phoenicea* — 12.IX.2008, *RA*, *ES* & *EA* (MACB 98779, 98780).

PREVIOUS REPORTS — **EIVISSA**: on *Pinus* sp. and *Ceratonia siliqua* — Klement (1965). **FORMENTERA**: on *Ceratonia siliqua* — Klement (1965, as *Buellia disciformis* f. *saprophila*).

### ***Buellia zoharyi* Galun**

SPECIMENS EXAMINED — **EIVISSA**: **1**, on soil — 9.IX.2008, *AGB* (BCN-Lich. 16829, 16902), *ARB* (MACB 99638), *ELL* (BCN-Lich. 16502), *IPV* (TFC-Lich. 7284), *NH* & *GF* (BCN-Lich. 16678), *RPB* (MACB 99399), *VA* (VAL\_Lich. 27715), *VJR* (MAF-Lich. 16376), *XLL* (BCN-Lich. 18417).

PREVIOUS REPORT — **FORMENTERA**: — Trinkaus & Mayrhofer (2000).

### ***Caloplaca aegatica* Giralt, Nimis & Poelt**

SPECIMENS EXAMINED — **EIVISSA**: **1**, on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16923), *NH* & *GF* (BCN-Lich. 16693, 16703, 16705, 16707, 16720). **11**, on *Pinus halepensis* — 11.IX.2008, *NH* & *GF* (BCN-Lich. 16780), on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16873). **12**, on *J. phoenicea* — 12.IX.2008, *AGB* (BCN-Lich. 16844). **FORMENTERA**: **6**, on *J. phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16892).

PREVIOUS REPORTS — **EIVISSA**: on *Pinus halepensis* — Klement (1965, as *Caloplaca quercina*). **FORMENTERA**: on *P. halepensis* — Giralt et al. (1992).

***Caloplaca agardhiana* (Flot.) Flagey**

SPECIMENS EXAMINED — EIVISSA: **1**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16920), *NH & GF* (BCN-Lich. 16712). **3**, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16728).

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

**\**Caloplaca alociza* (A. Massal.) Mig.**

SPECIMEN EXAMINED — EIVISSA: **1**, on marl — 9.IX.2008, *XLL* (BCN-Lich. 18411).

**\*\**Caloplaca aquensis* Houmeau & Cl. Roux**

SPECIMENS EXAMINED — EIVISSA: **1**, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16722, 16724). SA CONILLERA: **8**, on limestone — 11.IX.2008, *MELDS* (SANT-Lich. 11339).

**\*\**Caloplaca arnoldii* (Wedd.) Zahlbr. subsp. *arnoldii***

SPECIMENS EXAMINED — EIVISSA: **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16542, 16543, 16544, 16545, 16546).

**\*\**Caloplaca arnoldii* subsp. *obliterata* (Pers.) Gaya**

SPECIMEN EXAMINED — FORMENTERA: **5**, on limestone — 10.IX.2008, *IPV* (TFC-Lich. 7188, as *Caloplaca saxicola* subsp. *obliterata*).

***Caloplaca aurantia* (Pers.) Hellb.**

SPECIMENS EXAMINED — EIVISSA: **1**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16498), *NH & GF* (BCN-Lich. 16686, 16713, 16716), *RA, ES & EA* (MACB 98567). **3**, on limestone — 9.IX.2008, *IPV* (TFC-Lich. 7197). **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16543, 16544, 16545, 16546). **12**, on limestone — 12.IX.2008, *NH & GF* (BCN-Lich. 16811, 16817, 16821), *XLL* (BCN-Lich. 18459). **13**, on limestone — 2.IV.2008, *VA* (VAL\_Lich. 27718). FORMENTERA: **5**, on limestone — 10.IX.2008, *ARB* (MACB 99653), *BM* (SALA-Lich. 4383), *ELL* (BCN-Lich. 16571, 16572, 16573, 16575, 16577), *MELDS* (SANT-Lich. 11341), *NH & GF* (BCN-Lich. 16768). **7**, on limestone — 10.IX.2008, *RA, ES & EA* (MACB 98797, 98798, 98799), *XLL* (BCN-Lich. 18438). SA CONILLERA: **8**, on limestone — 11.IX.2008, *ARB* (MACB 99640), *ELL* (BCN-Lich. 16606, 16607, 16608, 16609), *IPV* (TFC-Lich. 7232), *RA, ES & EA* (MACB 98667). **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4400).

PREVIOUS REPORTS — EIVISSA: on limestone — Klement (1965). FORMENTERA: calcicolous — Egea (1984), on limestone — Klement (1965). TAGOMAGO: on limestone — Klement (1965).

***Caloplaca cerina* (Hedw.) Th. Fr.**

SPECIMENS EXAMINED — EIVISSA: **2**, on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16523, 16524). **3**, on *Pinus halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16536, 16538). **4**, on *P. halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4421).

PREVIOUS REPORTS — EIVISSA: on *Ceratonia siliqua*, *Ficus* sp. and *Nerium* sp. — Klement (1965). FORMENTERA: on *Cupressus* sp. — Klement (1965).

**\**Caloplaca cerinelloides* (Erichsen) Poelt**

SPECIMENS EXAMINED — EIVISSA: **12**, on *Pinus halepensis* — 4.IV.2008, *VJR* (MAF-Lich. 16323).

**\**Caloplaca chalybaea* (Fr.) Müll. Arg.**

SPECIMENS EXAMINED — SA CONILLERA: **8**, on limestone — 11.IX.2008, *ELL* (BCN-Lich. 16606, 16607, 16608, 16609).

***Caloplaca citrina* (Hoffm.) Th. Fr.**

SPECIMENS EXAMINED — SA CONILLERA: **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4401). ES VEDRÀ: on limestone — 11.IX.2008, *VJR* (MAF-Lich. 16349).

PREVIOUS REPORT — EIVISSA: on walls base — Klement (1965).

**\**Caloplaca coronata* (Kremp. ex Körb.) J. Steiner**

SPECIMEN EXAMINED — EIVISSA: **12**, on limestone — 12.IX.2008, *NH & GF* (BCN-Lich. 16819).

**\*\*\**Caloplaca cretensis* (Zahlbr.) Wunder**

SPECIMEN EXAMINED — EIVISSA: **12**, on limestone — 12.IX.2008, *XLL* (BCN-Lich. 18442).

***Caloplaca dalmatica* (A. Massal.) H. Olivier**

SPECIMEN EXAMINED — ES VEDRÀ: **10**, on limestone — 11.IX.2008, *VJR* (MAF-Lich. 16351, as *Caloplaca velana*).

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Caloplaca velana*).

**\*\**Caloplaca egeana* Cl. Roux & Nav.-Ros.**

SPECIMEN EXAMINED — FORMENTERA: **5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16574).

***Caloplaca ferruginea* (Huds.) Th. Fr.**

SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *ELL* (BCN-Lich. 16483, 16484, 16491, 16497, 16500, 16503), *RA, ES & EA* (MACB 98536, 98542). **2**, on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16523). **3**, on *P. lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16530, 16531, 16536, 16538). **11**, on *Cistus albidus* — 11.IX.2008, *ELL* (BCN-Lich. 16617), on *Pinus halepensis* — 11.IX.2008, *ELL* (BCN-Lich. 16622). **12**, on *C. albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16642, 16643, 16644, 16660), on *Cneorum tricoccon* — 12.IX.2008, *ELL* (BCN-Lich. 16652), on *J. phoenicea* — 12.IX.2008, *ELL* (BCN-Lich. 16663), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16639), on *P. lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16645, 16646, 16647, 16665,

16668, 16670), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16640, 16659), on *Thymus* sp. — 12.IX.2008, *ELL* (BCN-Lich. 16654). **FORMENTERA: 6**, on *Erica multiflora* — 10.IX.2008, *ELL* (BCN-Lich. 16551), on *J. phoenicea* — 10.IX.2008, *ELL* (BCN-Lich. 16550, 16559), *IPV* (TFC-Lich. 7259), on *P. halepensis* — 10.IX.2008, *ELL* (BCN-Lich. 16547, 16560), *MELDS* (SANT-Lich. 11342), on *P. lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16554, 16561). **SA CONILLERA: 8**, on *P. lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16597, 16598), on *Quercus coccifera* — 11.IX.2008, *ELL* (BCN-Lich. 16615).

PREVIOUS REPORTS — **EIVISSA:** on bark — Klement (1965). **FORMENTERA:** on bark — Klement (1965, as *Caloplaca depauperata* and *C. ferruginea*). **SA CONILLERA:** on bark — Klement (1965). **TAGOMAGO:** on bark — Klement (1965).

### *Caloplaca flavescens* (Huds.) J. R. Laundon

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 1.IV.2008, *VJR* (MAF-Lich. 16350), on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16897), *BM* (SALA-Lich. 4420), *XLL* (BCN-Lich. 18411). **3**, on limestone — 9.IX.2008, *BM* (SALA-Lich. 4426). **12**, on limestone — 12.IX.2008, *NH & GF* (BCN-Lich. 16817), *RPB* (MACB 99356). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *VJR* (MAF-Lich. 16391, 16346). **FORMENTERA: 5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4382), *NH & GF* (BCN-Lich. 16766, 16768). **7**, on limestone — 10.IX.2008, *RA, ES & EA* (MACB 98800), *XLL* (BCN-Lich. 18437). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *AGB* (BCN-Lich. 16926), *ARB* (MACB 99641), *BM* (SALA-Lich. 4402), *MELDS* (SANT-Lich. 11343), *RA, ES & EA* (MACB 98665, 98666), *XLL* (BCN-Lich. 18441).

PREVIOUS REPORTS — **FORMENTERA:** on rocks — Egea (1984, as *Caloplaca heppiana*), Navarro-Rosinés & Roux (1995). **ES VAIXELL:** on rocks — Egea (1984, as *C. heppiana*).

### *Caloplaca flavorubescens* (Huds.) J. R. Laundon

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *ELL* (BCN-Lich. 16492), *VJR* (MAF-Lich. 16360), on *Limonium* sp. — 9.IX.2008, *ELL* (BCN-Lich. 16493). **12**, on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16657). **ES VEDRÀ: 10**, on *P. lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27719). **FORMENTERA: 6**, on *Pistacia lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16553, 16554), on *J. phoenicea* — 10.IX.2008, *IPV* (TFC-Lich. 7257).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Klement (1965, as *Caloplaca aurantiaca*). **FORMENTERA:** on limestone — Klement (1965, as *C. aurantiaca*). **TAGOMAGO:** on limestone — Klement (1965, as *C. aurantiaca*).

### *Caloplaca flavovirescens* (Wulfen) Dalla Torre & Sarnth.

SPECIMENS EXAMINED — **EIVISSA: 4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16543, 16545, 16546). **FORMENTERA: 5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16573). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *ELL* (BCN-Lich. 16606, 16607, 16608, 16609).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Maheu & Gillet (1921, as *Caloplaca erythrella* var. *inalpina*), Klement (1965).

### *Caloplaca holocarpa* (Hoffm.) A. E. Wade

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4432). **2**, on *Arthrocnemum* sp. — 9.IX.2008, *ELL* (BCN-Lich. 16509, 16510, 16511, 16513, 16514), on *P. halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16520, 16521). **3**, on *Juniperus phoenicea* — 9.IX.2008, *IPV* (TFC-Lich. 7192). **12**, on *Pistacia lentiscus* — 12.IX.2008, *IPV* (TFC-Lich. 7219), on *Rosmarinus officinalis* — 12.IX.2008, *NH & GF* (BCN-Lich. 16810). **13**, on *J. phoenicea* — 13.IX.2005, *ELL* (BCN-Lich. 14904). **FORMENTERA: 5**, on *Thymelaea hirsuta* — 10.IX.2008, *ELL* (BCN-Lich. 16564). **6**, on *P. halepensis* — 10.IX.2008, *RA, ES & EA* (MACB 98810, 98811), on *P. lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16554). **7**, on palm tree — 10.IX.2008, *BM* (SALA-Lich. 4369). **SA CONILLERA: 8**, on *J. phoenicea* — 11.IX.2008, *RA, ES & EA* (MACB 98644, 98645, 98647), on *P. halepensis* — 11.IX.2008, *BM* (SALA-Lich. 4404).

PREVIOUS REPORTS — **EIVISSA:** on bark — Klement (1965, as *Caloplaca pyracea*). **FORMENTERA:** on bark — Klement (1965, as *C. pyracea*). **SA CONILLERA:** on bark — Klement (1965, as *C. pyracea*). **TAGOMAGO:** on bark — Klement (1965, as *C. pyracea*).

### \*\**Caloplaca hungarica* H. Magn.

SPECIMEN EXAMINED — **EIVISSA: 3**, on *Pinus halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16527).

### \*\**Caloplaca inconnexa* (Nyl.) Zahlbr

SPECIMEN EXAMINED — **FORMENTERA: 5**, on limestone — 10.IX.2008, *NH & GF* (BCN-Lich. 16765).

### *Caloplaca lactea* (A. Massal.) Zahlbr.

SPECIMENS EXAMINED — **EIVISSA: 11**, on limestone — 11.IX.2008, *RPB* (MACB 99357, 99398). **12**, on limestone — 12.IX.2008, *ARB* (MACB 99645). **SA CONILLERA: 9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4405).

PREVIOUS REPORT — **EIVISSA:** on limestone — Klement (1965).

### \*\**Caloplaca lacteoides* Nav.-Ros. & Hladun

SPECIMEN EXAMINED — **EIVISSA: 1**, on limestone — 1.IV.2008, *VJR* (MAF-Lich. 16392).

### *Caloplaca lithophila* H. Magn.

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16723). **FORMENTERA: 5**, on limestone — 10.IX.2008, *MELDS* (SANT-Lich. 11340), *IPV* (TFC-Lich. 7181, as *Caloplaca erythrocarpa*). **SA CONILLERA: 9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4399, as *Caloplaca arenaria*).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Klement (1965, also as *Blastenia arenaria*). **FORMENTERA:** on limestone — Maheu & Gillet (1921, as *Caloplaca lallavei*), calcicolous — Egea (1984, as *Caloplaca holocarpa*).

**\*\**Caloplaca littorea* Tav.**

SPECIMENS EXAMINED — **FORMENTERA: 5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16569). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *ELL* (BCN-Lich. 16607).

***Caloplaca marina* Wedd.**

PREVIOUS REPORT — **ES VAIXELL:** on rocks — Egea (1984).

**\**Caloplaca marmorata* (Bagl.) Jatta**

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16498), on marl — 9.IX.2008, *ELL* (BCN-Lich. 16504, 16505, 16506, 16508). **3**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16535). **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16542, 16544). **12**, on limestone with mosses — 12.IX.2008, *ELL* (BCN-Lich. 16648), on limestone — 12.IX.2008, *AGB* (BCN-Lich. 16840). **FORMENTERA: 5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16567, 16571, 16572, 16574, 16575, 16577). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *ELL* (BCN-Lich. 16605).

***Caloplaca navasiana* Nav.-Ros. & Cl. Roux**

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16711). **FORMENTERA: 5**, on limestone — 10.IX.2008, *AGB* (BCN-Lich. 16919). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *XLL* (BCN-Lich. 18441).

PREVIOUS REPORT — **FORMENTERA:** on limestone — Navarro-Rosinés & Roux (1995).

***Caloplaca ochracea* (Schaer.) Flagey**

SPECIMEN EXAMINED — **EIVISSA: 11**, on limestone — 11.IX.2008, *XLL* (BCN s. n.).

PREVIOUS REPORT — **EIVISSA:** on limestone — Klement (1965, as *Xanthocarpa ochracea*).

**\*\**Caloplaca pollinii* (A. Massal.) Jatta**

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *MELDS* (SANT-Lich. 11344), on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4390), *RA, ES & EA* (MACB 98560, 98561). **12**, on *J. phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16340), on *J. phoenicea* — 12.IX.2008, *AGB* (BCN-Lich. 16844), *ELL* (BCN-Lich. 16663), on *P. halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27720), on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16669, 16670). **FORMENTERA: 6**, on *J. phoenicea* — 10.IX.2008, *RA, ES & EA* (MACB 98821).

**\**Caloplaca polycarpa* (A. Massal.) Zahlbr.**

SPECIMEN EXAMINED — **EIVISSA: 2**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16889).

***Caloplaca pusilla* (A. Massal.) Zahlbr.**

SPECIMENS EXAMINED — **EIVISSA: 12**, on limestone — 12.IX.2008, *ARB* (MACB 99646, as *Caloplaca saxicola*). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *RPB* (MACB 99388, as *C. saxicola*).

PREVIOUS REPORT — **EIVISSA:** on limestone — Klement (1965, as *Caloplaca murorum*).

**\**Caloplaca subochracea* Werner var. *subochracea***

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 1.IV.2008, *VJR* (MAF-Lich. 16393). **FORMENTERA: 5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4455).

**\**Caloplaca subochracea* var. *luteococcinea* Clauzade & Cl. Roux**

SPECIMENS EXAMINED — **EIVISSA: 3**, on limestone — 9.IX.2008, *XLL* (BCN-Lich. 18429), *BM* (SALA-Lich. 4427).

**\*\**Caloplaca subochracea* f. *pallida* Clauzade & Cl. Roux**

SPECIMENS EXAMINED — **FORMENTERA: 5**, on limestone — 10.IX.2008, *AGB* (BCN-Lich. 16929), *XLL* (BCN-Lich. 18425). **7**, on limestone — 10.IX.2008, *XLL* (BCN-Lich. s. n.).

***Caloplaca tavaresiana* Nav.-Ros. & Cl. Roux**

SPECIMEN EXAMINED — **EIVISSA: 1**, on marl — 9.IX.2008, *VJR* (MAF-Lich. 16363).

PREVIOUS REPORTS — **FORMENTERA:** on limestone — Navarro-Rosinés & Roux (1993, 1995).

***Caloplaca thallincola* (Wedd.) Du Rietz**

SPECIMENS EXAMINED — **EIVISSA: 3**, on limestone — 9.IX.2008, *IPV* (TFC-Lich. 7195). **FORMENTERA: 5**, on limestone — 10.IX.2008, *IPV* (TFC-Lich. 7182).

PREVIOUS REPORT — **FORMENTERA:** on limestone — Maheu & Gillet (1921, as *Placodium heppianum* var. *thallincola*).

***Caloplaca variabilis* (Pers.) Müll. Arg.**

SPECIMENS EXAMINED — **EIVISSA: 12**, on limestone — 12.IX.2008, *NH & GF* (BCN-Lich. 16817), *XLL* (BCN-Lich. 18451).

**FORMENTERA: 5**, on limestone — 10.IX.2008, *NH & GF* (BCN-Lich. 16767). **7**, on limestone — 10.IX.2008, *XLL* (BCN-Lich. 18438).

**SA CONILLERA: 9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4403, 4406).

PREVIOUS REPORTS — **FORMENTERA:** on limestone cliff — Maheu & Gillet (1921), Klement (1965).

**\*\**Caloplaca variabilis* var. *ocellulata* (Ach.) Boistel**

SPECIMENS EXAMINED — **SA CONILLERA: 8**, on limestone — 11.IX.2008, *AGB* (BCN-Lich. 16932, 16934).

***Candelariella aurella* (Hoffm.) Zahlbr.**

SPECIMENS EXAMINED — EIVISSA: **1**, on rocks — 9.IX.2008, *AGB* (BCN-Lich. 16888). SA CONILLERA: **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4407).

PREVIOUS REPORT — EIVISSA: on rocks — Klement (1965).

**\**Candelariella oleaginescens* Rondon**

SPECIMENS EXAMINED — EIVISSA: **1**, on marl — 9.IX.2008, *XLL* (BCN-Lich. 18411). FORMENTERA: **5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16571). SA CONILLERA: **8**, on limestone — 11.IX.2008, *MELDS* (SANT-Lich. 11345), *XLL* (BCN-Lich. 18465). **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4363).

**\**Catillaria chalybeia* (Borrer) A. Massal.**

SPECIMEN EXAMINED — EIVISSA: **12**, on limestone — 12.IX.2008, *VJR* (MAF-Lich. 16311).

**\**Catillaria lenticularis* (Ach.) Th. Fr.**

SPECIMEN EXAMINED — ES VEDRÀ: **10**, on limestone — 11.IX.2008, *VJR* (MAF-Lich. 16354).

**\**Catillaria nigroclavata* (Nyl.) J. Steiner**

SPECIMENS EXAMINED — EIVISSA: **3**, on *Pinus halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16527, 16536, 16537). **11**, on *Juniperus oxycedrus* — 11.IX.2008, *ELL* (BCN-Lich. 16619), on *Pistacia lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16624). **12**, on *J. oxycedrus* — 12.IX.2008, *ELL* (BCN-Lich. 16661), on *Juniperus phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16341), on *J. phoenicea* — 12.IX.2008, *ELL* (BCN-Lich. 16662, 16663), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16635), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16657, 16659). **13**, on *J. phoenicea* — 13.IX.2005, *ELL* (BCN-Lich. 14904). FORMENTERA: **6**, on *P. halepensis* — 10.IX.2008, *AGB* (BCN-Lich. 16906).

**\*\**Chrysothrix candelaris* (L.) J. R. Laundon**

SPECIMENS EXAMINED — EIVISSA: **12**, on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27721), on *P. halepensis* — 12.IX.2008, *IPV* (TFC-Lich. 7210), *NH* & *GF* (BCN-Lich. 16785).

***Cladonia cervicornis* (Ach.) Flot.**

SPECIMENS EXAMINED — EIVISSA: **12**, on soil — 12.IX.2008, *ARB* (MACB 98232; TLC: fumarprotocetraric acid), *RPB* (MACB 99374; TLC: fumarprotocetraric and protocetraric acids), *VJR* (MAF-Lich. 16300).

PREVIOUS REPORTS — EIVISSA: on soil — Klement (1965), Burgaz (2009).

**\**Cladonia coniocraea* (Flörke) Spreng.**

SPECIMEN EXAMINED — EIVISSA: **12**, on *Pinus halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16631).

***Cladonia cyathomorpha* Stirt. ex Walt. Watson**

SPECIMENS EXAMINED — EIVISSA: **12**, on soil — 12.IX.2008, *ARB* (MACB 98233; TLC: fumarprotocetraric acid), *RPB* (MACB 99378; TLC: fumarprotocetraric and protocetraric acids).

PREVIOUS REPORT — EIVISSA: on soil — Burgaz (2009).

***Cladonia fimbriata* (L.) Fr.**

SPECIMEN EXAMINED — EIVISSA: **12**, on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27724).

PREVIOUS REPORT — EIVISSA: on soil — Burgaz (2009).

***Cladonia firma* (Nyl.) Nyl.**

SPECIMEN EXAMINED — EIVISSA: **12**, on *Pinus halepensis* — 28.II.2009, *VJR* (MAF-Lich. 16387).

PREVIOUS REPORTS — EIVISSA: on soil — Klement (1965, as *Cladonia nylanderii*). FORMENTERA: on soil — Klement (1965, as *C. nylanderii*).

***Cladonia foliacea* (Huds.) Willd.**

SPECIMENS EXAMINED — EIVISSA: **1**, on soil — 9.IX.2008, *ARB* (MACB 98256, as *Cladonia convoluta*; TLC: fumarprotocetraric and usnic acids), *IPV* (TFC-Lich. 7273, as *C. convoluta*), *NH* & *GF* (BCN-Lich. 16701, as *C. convoluta*), *RA*, *ES* & *EA* (MACB 98518, 98519, as *C. convoluta*), *RPB* (MACB 99362, as *C. convoluta*; TLC: fumarprotocetraric, protocetraric and usnic acids), *VA* (VAL\_Lich. 27722, as *C. convoluta*). **2**, on soil — 9.IX.2008, *ARB* (MACB 98263). **3**, on soil — 9.IX.2008, *VA* (VAL\_Lich. 27723, as *C. convoluta*). **4**, on soil — 9.IX.2008, *ARB* (MACB 98257, as *C. convoluta*). **11**, on soil — 11.IX.2008, *ARB* (MACB 98259, as *C. convoluta*; TLC: fumarprotocetraric and usnic acids), *IPV* (TFC-Lich. 7293, as *C. convoluta*), *NH* & *GF* (BCN-Lich. 16776), *RA*, *ES* & *EA* (MACB 98608, as *C. convoluta*), *RPB* (MACB 99366; TLC: fumarprotocetraric, protocetraric and usnic acids, as *C. convoluta*). **12**, on soil — 4.IV.2008, *VJR* (MAF-Lich. 16329), on soil — 12.IX.2008, *ARB* (MACB 98262, as *C. convoluta*, 98264; TLC: fumarprotocetraric and usnic acids), *ELL* (BCN-Lich. 16632, 16674, as *C. convoluta*), *NH* & *GF* (BCN-Lich. 16815, as *C. convoluta*), *RA*, *ES* & *EA* (MACB 98841, as *C. convoluta*), *RPB* (MACB 99376, as *C. convoluta*; TLC: fumarprotocetraric, protocetraric and usnic acids). FORMENTERA: **5**, on soil — 10.IX.2008, *ARB* (MACB 98261, 98260, as *C. convoluta*; TLC: fumarprotocetraric and usnic acids). **6**, on soil — 10.IX.2008, *AGB* (BCN-Lich. 16849), *RA*, *ES* & *EA* (MACB 98823, as *C. convoluta*), *RPB* (MACB 99363, as *C. convoluta*; TLC: fumarprotocetraric, protocetraric and usnic acids). SA CONILLERA: **8**, on soil — 11.IX.2008, *ARB* (MACB 98258, as *C. convoluta*; TLC: fumarprotocetraric and usnic acids), *NH* & *GF* (BCN-Lich. 16772, as *C. convoluta*).

PREVIOUS REPORTS — **EIVISSA**: on soil — Knoche (1921, as *Cladonia endiviaefolia*), Klement (1965, as *C. endiviaefolia*), Burgaz (2009, as *Cladonia convoluta* and *Cladonia foliacea*, but see also Pino-Bodas et al (2010)). **FORMENTERA**: on soil — Knoche (1921, as *C. endiviaefolia*), Klement (1965, as *C. endiviaefolia*). **TAGOMAGO**: on soil — Klement (1965, as *C. endiviaefolia*).

### *Cladonia furcata* (Huds.) Schrad.

SPECIMENS EXAMINED — **EIVISSA**: **11**, on soil — 11.IX.2008, *ARB* (MACB 98269; TLC: fumarprotocetraric acid). **12**, on soil — 12.IX.2008, *ARB* (MACB 98271, 98272; TLC: fumarprotocetraric acid), *RA, ES & EA* (MACB 98840; TLC: protocetraric and fumarprotocetraric acids), *RPB* (MACB 99367; TLC: fumarprotocetraric and protocetraric acids). **FORMENTERA**: **6**, on limestone — 10.IX.2008, *ARB* (MACB 98270; TLC: fumarprotocetraric acid), *RA, ES & EA* (MACB 98826; TLC: chemotype 1: protocetraric and fumarprotocetraric (sometimes found in traces) acids).

PREVIOUS REPORTS — **EIVISSA**: on soil — Klement (1965, as *Cladonia furcata* var. *palamea*), Burgaz (2009). **FORMENTERA**: on soil — Klement (1965, as *C. furcata* var. *palamea*), Burgaz (2009).

### *Cladonia humilis* (With.) J. R. Laundon

SPECIMENS EXAMINED — **EIVISSA**: **12**, on soil — 12.IX.2008, *ARB* (MACB 98234; TLC: fumarprotocetraric acid and atranorin), *RA, ES & EA* (MACB 98838; TLC: protocetraric fumarprotocetraric acid and atranorin), *RPB* (MACB 99364, 99365; TLC: fumarprotocetraric, protocetraric acid and atranorin).

PREVIOUS REPORT — **EIVISSA**: on soil — Burgaz (2009).

### *Cladonia mediterranea* P. A. Duvign. & Abbayes

SPECIMENS EXAMINED — **EIVISSA**: **12**, on soil — 4.IV.2008, *VJR* (MAF-Lich. 16328), on soil — 12.IX.2008, *AGB* (BCN-Lich. 16852), *BM* (SALA-Lich. 4448), *ELL* (BCN-Lich. 16633), *IPV* (TFC-Lich. 7201), *MELDS* (SANT-Lich. 11347), *NH & GF* (BCN-Lich. 16797), *RA, ES & EA* (MACB 98842, 98843, 98844), *ARB* (MACB 98250), *RPB* (MACB 99370; TLC: usnic and perlatolic acid), *VA* (VAL\_Lich. 27725).

PREVIOUS REPORTS — **EIVISSA**: on soil — Klement (1965), Burgaz (2009). **FORMENTERA**: on soil — Klement (1965).

### *Cladonia phyllophora* Ehrh. ex Hoffm.

SPECIMENS EXAMINED — **EIVISSA**: **11**, on soil — 11.IX.2008, *ARB* (MACB 98235), *RA, ES & EA* (MACB 98611, 98612, 98613; TLC: protocetraric and fumarprotocetraric acids), *RPB* (MACB 99368; TLC: fumarprotocetraric and protocetraric acids).

PREVIOUS REPORT — **EIVISSA**: on soil — Burgaz (2009).

### *Cladonia pocillum* (Ach.) O. J. Rich.

SPECIMENS EXAMINED — **EIVISSA**: **1**, on marl — 9.IX.2008, *AGB* (BCN-Lich. 16872), on soil — 9.IX.2008, *ARB* (MACB 98251), *RPB* (MACB 99360; TLC: fumarprotocetraric and protocetraric acids), *VJR* (MAF-Lich. 16378). **3**, on soil — 9.IX.2008, *ARB* (MACB 98252), *BM* (SALA-Lich. 4314), *ELL* (BCN-Lich. 16529), *IPV* (TFC-Lich. 7199), *MELDS* (SANT-Lich. 11348), *RA, ES & EA* (MACB 98932, 98933; TLC: protocetraric and fumarprotocetraric acids), *VA* (VAL\_Lich. 27726). **11**, on soil — 11.IX.2008, *ARB* (MACB 98254), *ELL* (BCN-Lich. 16611), *RA, ES & EA* (MACB 98614; TLC: protocetraric and fumarprotocetraric acids). **12**, on soil — 12.IX.2008, *ARB* (MACB 98255; TLC: fumarprotocetraric acids), *NH & GF* (BCN-Lich. 16814), *RA, ES & EA* (MACB 98837; TLC: protocetraric and fumarprotocetraric acids), *RPB* (MACB 99375; TLC: fumarprotocetraric and protocetraric acids), on *Pinus halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16653). **FORMENTERA**: **6**, on soil — 10.IX.2008, *AGB* (BCN-Lich. 16851), *RPB* (MACB 99361; TLC: fumarprotocetraric and protocetraric acids). **SA CONILLERA**: **8**, on soil — 11.IX.2008, *ARB* (MACB 98253), *ELL* (BCN-Lich. 16602, 16603), *RA, ES & EA* (MACB 98658, 98659, 98660; TLC: protocetraric and fumarprotocetraric acids), *RPB* (MACB 99369; TLC: fumarprotocetraric and protocetraric acids).

PREVIOUS REPORTS — **EIVISSA**: on soil — Knoche (1921, as *Cladonia pyxidata* var. *pocillum*), Klement (1965), Burgaz (2009). **FORMENTERA**: on soil — Klement (1965). **TAGOMAGO**: on soil — Klement (1965).

### *Cladonia pyxidata* (L.) Hoffm.

SPECIMEN EXAMINED — **EIVISSA**: **12**, on *Pinus halepensis* — 28.II.2009, *VJR* (MAF-Lich. 16386).

PREVIOUS REPORT — **EIVISSA**: on soil — Klement (1965).

### *Cladonia ramulosa* (With.) J. R. Laundon

SPECIMENS EXAMINED — **EIVISSA**: **12**, on soil — 12.IX.2008, *ARB* (MACB 98304), *RA, ES & EA* (MACB 98839, TLC: protocetraric and fumarprotocetraric acids), *RPB* (MACB 99373; TLC: fumarprotocetraric and protocetraric acids).

PREVIOUS REPORT — **EIVISSA**: on soil — Burgaz (2009).

### *Cladonia rangiformis* Hoffm.

SPECIMENS EXAMINED — **EIVISSA**: **3**, on soil — 9.IX.2008, *ELL* (BCN-Lich. 16528). **4**, on soil — 9.IX.2008, *RPB* (MACB 99371; TLC: rangiformic acid and atranorin). **11**, on soil — 11.IX.2008, *ARB* (MACB 98265; TLC: rangiformic, nor-rangiformic, fumarprotocetraric (traces) acids and atranorin), *IPV* (TFC-Lich. 7240), *RA, ES & EA* (MACB 98609, 98610; TLC: protocetraric, fumarprotocetraric, rangiformic, ± nor-rangiformic and physodalic acids and atranorin (98609), TLC: protocetraric, fumarprotocetraric, rangiformic and physodalic acids and atranorin (98610)), *RPB* (MACB 99377; TLC: rangiformic acid and atranorin), *VA* (VAL\_Lich. 27727). **12**, on soil — 4.IV.2008, *VJR* (MAF-Lich. 16330), on soil — 12.IX.2008, *AGB* (BCN-Lich. 16912), *ARB* (MACB 98267, 98268; TLC: rangiformic, nor-rangiformic acids and atranorin (98267), rangiformic, nor-rangiformic, fumarprotocetraric (traces) acids and atranorin (98268)), *ELL* (BCN-Lich. 16630, 16632, 16674), *MELDS* (SANT-Lich. 11349), *NH & GF* (BCN-Lich. 16800, 16816), *RA, ES & EA*

(MACB 98836, TLC: protocetraric, fumarprotocetraric, rangiformic, ± nor-rangiformic and physodalic acids and atranorin). **FORMENTERA: 6**, on soil — 10.IX.2008, *RA, ES & EA* (MACB 98824, 98825; TLC: protocetraric, fumarprotocetraric, rangiformic acids and atranorin). **SA CONILLERA: 8**, on soil — 11.IX.2008, *NH & GF* (BCN-Lich. 16771).

PREVIOUS REPORTS — **EIVISSA:** — Pau (1899, as *Cladonia rangiferina* f. *foliosa*), Knoche (1921, as *Cladonia rangiferina* f. *foliosa* (cf. Klement 1965: 481)), on soil — Klement (1965, as *Cladonia rangiformis*, *C. rangiformis* var. *muricata* and *Cladonia aberrans*), Burgaz (2009). **FORMENTERA:** on soil — Klement (1965, as *C. rangiformis*), Burgaz (2009). **SA CONILLERA:** on soil — Klement (1965, as *C. rangiformis*). **TAGOMAGO:** on soil — Klement (1965, as *C. rangiformis*).

### *Cladonia subrangiformis* L. Scriba ex Sandst.

SPECIMENS EXAMINED — **EIVISSA: 11**, on soil — 11.IX.2008, *BM* (SALA-Lich. 4446), *RA, ES & EA* (MACB 98615; TLC: atranorin). **12**, on soil — 12.IX.2008, *VJR* (MAF-Lich. 16301). **FORMENTERA: 5**, on soil — 10.IX.2008, *BM* (SALA-Lich. 4375). **6**, on soil — 10.IX.2008, *AGB* (BCN-Lich. 16896), on limestone — 10.IX.2008, *ARB* (MACB 98266; TLC: rangiformic, nor-rangiformic acids and atranorin), on soil — 10.IX.2008, *RPB* (MACB 99372; TLC: rangiformic acid and atranorin).

PREVIOUS REPORT — **EIVISSA:** on soil — Burgaz (2009).

### *Clauzadea immersa* (Hoffm.) Hafellner & Bellem.

SPECIMEN EXAMINED — **SA CONILLERA: 9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4408).

PREVIOUS REPORT — **EIVISSA:** on limestone — Klement (1965, as *Biatora immersa*).

### *Clauzadea metzleri* (Körb.) Clauzade & Cl. Roux ex D. Hawksw.

SPECIMEN EXAMINED — **EIVISSA: 1**, on limestone — 1.IV.2008, *VJR* (MAF-Lich. 16390).

PREVIOUS REPORT — **EIVISSA:** on limestone — Klement (1965, as *Protoblastenia metzleri*).

### *Clauzadea monticola* (Ach.) Hafellner & Bellem.

SPECIMENS EXAMINED — **EIVISSA: 3**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16535). **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16543, 1645). **12**, on limestone — 12.IX.2008, *ELL* (BCN-Lich. 16648). **FORMENTERA: 5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16576, 16577). **6**, on limestone — 10.IX.2008, *MELDS* (SANT-Lich. 11350). **7**, on limestone — 10.IX.2008, *RA, ES & EA* (MACB 98802, 98803), *XLL* (BCN-Lich. 18436). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *ELL* (BCN-Lich. 16606, 16607, 16608, 16609).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Klement (1965, as *Protoblastenia monticola*). **FORMENTERA:** on limestone — Crespo et al. (2004).

### \**Collema crispum* (Huds.) Weber ex F. H. Wigg.

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16485, 16486, 16487, 16488, 16489, 16501). **3**, on soil — 9.IX.2008, *ELL* (BCN-Lich. 16534).

### \*\**Collema crispum* var. *metzleri* (Arnold) Degel.

SPECIMEN EXAMINED — **EIVISSA: 2**, on soil — 9.IX.2008, *XLL* (BCN-Lich. 18419).

### *Collema cristatum* (L.) Weber ex F. H. Wigg.

SPECIMENS EXAMINED — **EIVISSA: 3**, on soil — 9.IX.2008, *BM* (SALA-Lich. 4300), *RA, ES & EA* (MACB 98935). **12**, on limestone — 12.IX.2008, *ELL* (BCN-Lich. 16648, 16650), *VJR* (MAF-Lich. 16359). **ES VEDRÀ: 10**, on soil — 11.IX.2008, *VJR* (MAF-Lich. 16302). **SA CONILLERA: 8**, on soil — 11.IX.2008, *BM* (SALA-Lich. 4409), *RA, ES & EA* (MACB 98657).

PREVIOUS REPORT — **EIVISSA:** on limestone — Klement (1965).

### \**Collema nigrescens* (Huds.) DC.

SPECIMEN EXAMINED — **EIVISSA: 4**, on *Prunus dulcis*. — 9.IX.2008, *VA* (VAL\_Lich. 27728).

### *Collema tenax* (Sw.) Ach.

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16485, 16486, 16487, 16488, 16490), on soil — 9.IX.2008, *VA* (VAL\_Lich. 27729, 27730). **2**, on soil — 9.IX.2008, *ELL* (BCN-Lich. 16515, 16516, 16517, 16518). **3**, on soil — 9.IX.2008, *BM* (SALA-Lich. 4301). **12**, on limestone — 12.IX.2008, *AGB* (BCN-Lich. 16901), *NH & GF* (BCN-Lich. 16818), on soil — 12.IX.2008, *VJR* (MAF-Lich. 16314). **FORMENTERA: 5**, on soil — 10.IX.2008, *ELL* (BCN-Lich. 16566, 16567), *MELDS* (SANT-Lich. 11352). **SA CONILLERA: 8**, on soil — 11.IX.2008, *ELL* (BCN-Lich. 16601, 16604), *RPB* (MACB 99355).

PREVIOUS REPORTS — **EIVISSA:** on soil — Klement (1965). **FORMENTERA:** on soil — Klement (1965). **TAGOMAGO:** on soil — Klement (1965).

### \*\**Collemopsidium halodytes* (Nyl.) Grube & B. D. Ryan

SPECIMEN EXAMINED — **EIVISSA: 1**, on marl — 1.IV.2008, *VJR* (MAF-Lich. 16388, as *Pyrenocollema halodytes*).

### *Coscinocladium gaditanum* (Clemente) A. Crespo, Llimona & D. Hawksw.

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16828, 16913), *ARB* (MACB 99647), *NH & GF* (BCN-Lich. 16712, 16716), *VA* (VAL\_Lich. 27731), *VJR* (MAF-Lich. 16356), on marl — 9.IX.2008, *XLL* (BCN-Lich. 18416). **12**, on limestone — 12.IX.2008, *NH & GF* (BCN-Lich. 16817). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *VJR* (MAF-Lich. 16367), on *Pistacia lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27732). **FORMENTERA: 5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4456), *ELL* (BCN-Lich. 16571, 16572, 16573, 16577), *NH & GF* (BCN-Lich. 16767), *XLL* (BCN-Lich. 18427). **7**, on limestone — 10.IX.2008, *RA*,

*ES & EA* (MACB 98804, 98805, 98806), *XLL* (BCN-Lich. 18435). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *ARB* (MACB 99644), *ELL* (BCN-Lich. 16606), *IPV* (TFC-Lich. 7233), *MELDS* (SANT-Lich. 11354), *NH & GF* (BCN-Lich. 16774). **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4361).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Klement (1965, as *Placodium lisbonensis*), Crespo et al. (2004). **FORMENTERA:** on limestone — Klement (1965, as *P. lisbonensis*), Crespo et al. (2004). **TAGOMAGO:** on limestone — Klement (1965, as *P. lisbonensis*), Crespo et al. (2004).

### *Cresponea premnea* (Ach.) Egea & Torrente

SPECIMENS EXAMINED — **EIVISSA: 2**, on *Arthrocnemum* sp. — 9.IX.2008, *ELL* (BCN-Lich. 16511). **3**, on *Cneorum tricoccon* — 9.IX.2008, *ELL* (BCN-Lich. 16532, 16533), on *Pinus halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16525, 16526, 16536, 16537), on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16530, 16531). **FORMENTERA: 5**, on *Thymelaea hirsuta* — 10.IX.2008, *ELL* (BCN-Lich. 16563). **6**, on *Erica multiflora* — 10.IX.2008, *ELL* (BCN-Lich. 16551, 16552), on *Juniperus phoenicea* — 10.IX.2008, *ELL* (BCN-Lich. 16550), on *P. halepensis* — 10.IX.2008, *ELL* (BCN-Lich. 16547, 16548, 16560), on *P. lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16561). **SA CONILLERA: 8**, on *J. phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16593, 16596), on *P. halepensis* — 11.IX.2008, *ELL* (BCN-Lich. 16580), on *P. lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16598).

PREVIOUS REPORT — **FORMENTERA:** on limestone cliff — Maheu & Gillet (1922, as *Lecanactis premnea*).

### \**Dactylospora urceolata* (Th. Fr.) Arnold

SPECIMEN EXAMINED — **EIVISSA: 16**, on *Pistacia lentiscus* — 16.IX.2005, *ELL* (BCN-Lich. 14911, as *Melaspilea urceolata*).

### \**Dendrographa decolorans* (Turner & Borrer) Ertz & Tehler

SPECIMENS EXAMINED — **EIVISSA: 3**, on *Pinus halepensis* — 9.IX.2008, *VA* (VAL\_Lich. 27821). **4**, on *Ceratonia siliqua* — 9.IX.2008, *MELDS* (SANT-Lich. 11384), on *Prunus dulcis* — 9.IX.2008, *NH & GF* (BCN-Lich. 16737), *VA* (VAL\_Lich. 27822). **11**, on *P. halepensis* — 11.IX.2008, *AGB* (BCN-Lich. 16621, 16622, 16845), *IPV* (TFC-Lich. 7251), on *Quercus coccifera* — 11.IX.2008, *ELL* (BCN-Lich. 16615, 16629). **12**, on *Cistus albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16643), on *Juniperus oxycedrus* — 12.IX.2008, *ELL* (BCN-Lich. 16661), on *P. halepensis* — 12.IX.2008, *NH & GF* (BCN-Lich. 16782, 16808).

### \**Dimerella tavaresiana* Vězda

SPECIMENS EXAMINED — **EIVISSA: 12**, on bark — 12.IX.2008, *AGB* (BCN-Lich. 16898). **FORMENTERA: 6**, on *Juniperus phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16839).

### *Diploicia canescens* (Dicks.) A. Massal.

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16682), on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16909), *ELL* (BCN-Lich. 16483, 16484, 16703, 16706, 16707, 16710), *MELDS* (SANT-Lich. 11355), *NH & GF* (BCN-Lich. 16683, 16688), *RA, ES & EA* (MACB 98531), *VA* (VAL\_Lich. 27733). **11**, on soil — 11.IX.2008, *RPB* (MACB 99382), on *Pistacia lentiscus* — 11.IX.2008, *RA, ES & EA* (MACB 98600). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *AGB* (BCN-Lich. 16927), *VJR* (MAF-Lich. 16355), on *P. lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27734). **FORMENTERA: 5**, on *Thymelaea hirsuta* — 10.IX.2008, *ELL* (BCN-Lich. 16564), on bark — 10.IX.2008, *ARB* (MACB 99654), *BM* (SALA-Lich. 4443). **6**, on *P. lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16553, 16554), on *Erica multiflora* — 10.IX.2008, *ELL* (BCN-Lich. 16552). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *RA, ES & EA* (MACB 98662), on *J. phoenicea* — 11.IX.2008, *IPV* (TFC-Lich. 7221). **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4366).

PREVIOUS REPORT — **FORMENTERA:** on *Cupressus* sp. — Klement (1965).

### \**Diploicia subcanescens* (Werner) Hafellner & Poelt

SPECIMEN EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *NH & GF* (BCN-Lich. 16740).

### *Diploschistes diacapsis* (Ach.) Lumbsch

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16860), *ELL* (BCN-Lich. 16487), *VA* (VAL\_Lich. 27735), on soil — 9.IX.2008, *IPV* (TFC-Lich. 7270, 7285), *NH & GF* (BCN-Lich. 16681), *RA, ES & EA* (MACB 98570, 98572), *RPB* (MACB 99414), *XLL* (BCN-Lich. 18414). **11**, on soil — 11.IX.2008, *RPB* (MACB 99412). **12**, on soil — 12.IX.2008, *ARB* (MACB 99650), *MELDS* (SANT-Lich. 11356). **FORMENTERA: 6**, on limestone — 10.IX.2008, *ARB* (MACB 99655), on soil — 10.IX.2008, *RA, ES & EA* (MACB 98827, 98828, 98829), *XLL* (BCN-Lich. s. n.). **7**, on limestone — 10.IX.2008, *XLL* (BCN-Lich. 18464). **SA CONILLERA: 8**, on soil — 11.IX.2008, *ARB* (MACB 99648), *ELL* (BCN-Lich. 16604), *RA, ES & EA* (MACB 98617, 98618, 98646), *RPB* (MACB 99413).

PREVIOUS REPORTS — **EIVISSA:** on soil — Klement (1965, as *Diploschistes albescens* and *Diploschistes steppicus*). **FORMENTERA:** on soil — Klement (1965, as *D. albescens* and *D. steppicus*). **TAGOMAGO:** on soil — Klement (1965, as *D. albescens*).

### *Diploschistes muscorum* (Scop.) R. Sant.

SPECIMENS EXAMINED — **EIVISSA: 12**, on soil and mosses — 12.IX.2008, *IPV* (TFC-Lich. 7203, as *Diploschistes scruposus*), *NH & GF* (BCN-Lich. 16803, as *Diploschistes bryophilus*).

PREVIOUS REPORT — **FORMENTERA:** — Knoche (1921, as *Urceolaria scruposa* var. *arenaria*).

### *Diploctoma alboatrum* (Hoffm.) Flot.

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *RPB* (MACB 99352), on *Juniperus phoenicea* — 9.IX.2008, *VJR* (MAF-Lich. 16362). **2**, on *Pinus halepensis* — 9.IX.2008, *NH & GF* (BCN-Lich. 16749). **ES VEDRÀ: 10**, on *Pistacia lentiscus* —



11.IX.2008, *VA* (VAL\_Lich. 27736). **FORMENTERA: 6**, on *J. phoenicea* — 10.IX.2008, *ELL* (BCN-Lich. 16550), *NH & GF* (BCN-Lich. 16744).

PREVIOUS REPORT — **EIVISSA**: on *Pinus* sp. — Klement (1965).

### ***Diplotomma hedinii*** (H. Magn.) P. Clerc & Cl. Roux

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16913, as *D. epipolium*), *NH & GF* (BCN-Lich. 16712, 16713, 16715, as *D. epipolium*), *VA* (VAL\_Lich. 27737, as *Diplotomma epipolium*), on marl — 9.IX.2008, *XLL* (BCN-Lich. 18411, as *D. epipolium*). **12**, on limestone — 12.IX.2008, *ARB* (MACB 99639, as *D. epipolium*), *ELL* (BCN-Lich. 16650, as *D. epipolium*), *MELDS* (SANT-Lich. 11358, as *D. epipolium*), *NH & GF* (BCN-Lich. 16817, as *D. epipolium*), on soil — 12.IX.2008, *RA, ES & EA* (MACB 98795, 98796, as *D. epipolium*). **13**, on limestone — 2.IV.2008, *VA* (VAL\_Lich. 27738, 27739, as *D. venustum*). **FORMENTERA: 5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4373, as *D. epipolium*), *ELL* (BCN-Lich. 16571, as *D. epipolium*). **6**, on limestone — 10.IX.2008, *ARB* (MACB 99649, as *D. epipolium*), *IPV* (TFC-Lich. 7256, as *D. epipolium*). **7**, on limestone — 10.IX.2008, *XLL* (BCN-Lich. 18438, as *D. epipolium*). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *XLL* (BCN s. n. *D. epipolium*), *ELL* (BCN-Lich. 16605, as *D. epipolium*), *IPV* (TFC-Lich. 7228, as *D. epipolium*). **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4365, as *D. epipolium*).

PREVIOUS REPORTS — **EIVISSA**: on limestone — Maheu & Gillet (1922), Klement (1965, as *Diplotomma epipolium*).

### ***Diplotomma nivale*** (Bagl. & Carestia) Hafellner

SPECIMEN EXAMINED — **SA CONILLERA: 8**, on limestone — 11.IX.2008, *IPV* (TFC-Lich. 7231).

PREVIOUS REPORT — **EIVISSA**: on limestone — Klement (1965, as *Diplotomma margaritaceum*).

### ***Dirina ceratoniae*** (Ach.) Fr.

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *ARB* (MACB 99651, 99652), *AGB* (BCN-Lich. 16935), *BM* (SALA-Lich. 4391), *ELL* (BCN-Lich. 16483, 16484, 16492, 16503), *IPV* (TFC-Lich. 7281), *NH & GF* (BCN-Lich. 16691, 16709, 16710, 16720), *RA, ES & EA* (MACB 98538, 98539), *VA* (VAL\_Lich. 27740). **2**, on *Arthrocnemum* sp. — 9.IX.2008, *ELL* (BCN-Lich. 16514), on *Pinus halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16521), *IPV* (TFC-Lich. 7220), *NH & GF* (BCN-Lich. 16751, 16754, 16758), on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16522, 16523). **3**, on *Cneorum tricoccon* — 9.IX.2008, *ELL* (BCN-Lich. 16533), on *P. halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4430), *ELL* (BCN-Lich. 16525, 16526, 16527), on *P. lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16531). **4**, on *J. phoenicea* — 9.IX.2008, *ARB* (MACB 99642), on *Olea europaea* — 9.IX.2008, *ELL* (BCN-Lich. 16541), on *Prunus dulcis* — 9.IX.2008, *NH & GF* (BCN-Lich. 16737). **11**, on *Quercus coccifera* — 11.IX.2008, *ELL* (BCN-Lich. 16615). **13**, on *Q. coccifera* — 2.IV.2008, *VA* (VAL\_Lich. 27742), on *J. phoenicea* — 2.IV.2008, *VA* (VAL\_Lich. 27743). **15**, on *Ceratonia siliqua* — 14.IX.2005, *ELL* (BCN-Lich. 14010). **18**, on *J. phoenicea* — 16.IX.2005, *ELL* (BCN-Lich. 14917, 14918), on *P. halepensis* — 16.IX.2005, *ELL* (BCN-Lich. 14920, 14921). **ES VEDRÀ: 10**, on *P. lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27741). **FORMENTERA: 5**, on *Thymelaea hirsuta* — 10.IX.2008, *ELL* (BCN-Lich. 16563, 16564). **6**, on *J. phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16843, 16921), *ELL* (BCN-Lich. 16550, 16562, 16556, 16559), *MELDS* (SANT-Lich. 11359), on *P. halepensis* — 10.IX.2008, *IPV* (TFC-Lich. 7236), on *P. lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16553, 16554). **SA CONILLERA: 8**, on *J. phoenicea* — 2.IV.2008, *VA* (VAL\_Lich. 27745), on *J. phoenicea* — 11.IX.2008, *ARB* (MACB 99643), *ELL* (BCN-Lich. 16584, 16593), *IPV* (TFC-Lich. 7277), *RA, ES & EA* (MACB 98649), *RPB* (MACB 99353), on *P. lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16597).

PREVIOUS REPORTS — **EIVISSA**: on *Ceratonia siliqua*, *Ficus* sp., *Olea europaea*, *Pinus halepensis* and *Prunus* sp. — Klement (1965), on bark — Tehler (1983). **FORMENTERA**: on *C. siliqua*, *Cupressus* sp. and *Pinus* sp. — Klement (1965). **TAGOMAGO**: on *Cupressus* sp. — Klement (1965).

### **\**Dirina cretacea*** (Zahlbr.) Tehler

SPECIMENS EXAMINED — **EIVISSA: 1**, on marl — 1.IV.2008, *VJR* (MAF-Lich. 16394, as *Dirina immersa*). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *AGB* (BCN-Lich. 16895, as *D. immersa*).

### ***Dirina massiliensis*** Durieu & Mont.

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16690), *RA, ES & EA* (MACB 98564, 98568), on marl — 9.IX.2008, *ELL* (BCN-Lich. 16504, as *Dirina massiliensis* f. *sorediata*), *NH & GF* (BCN-Lich. 16680). **3**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16893, as *D. massiliensis* f. *sorediata*). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *AGB* (BCN-Lich. 16894, 16930, 16933), *VA* (VAL\_Lich. 27750 as *D. massiliensis* f. *sorediata*). **FORMENTERA: 5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4396, as *Dirina repanda*), *ELL* (BCN-Lich. 16572), *NH & GF* (BCN-Lich. 16763, 16764), *VA* (VAL\_Lich. 27746, 27749 as *D. massiliensis* f. *sorediata*), *XLL* (BCN-Lich. 18426). **6**, on marl — 10.IX.2008, *AGB* (BCN-Lich. 16882). **SA CONILLERA: 8**, on limestone — 2.IV.2008, *VA* (VAL\_Lich. 27747).

PREVIOUS REPORTS — **EIVISSA**: on rocks — Klement (1965, as *Dirina repanda*). **FORMENTERA**: on rocks — Klement (1965, as *D. repanda*). **TAGOMAGO**: on rocks — Klement (1965, as *D. repanda*).

### **\**Endococcus parietinarius*** (Linds.) Clauzade & Cl. Roux

SPECIMENS EXAMINED — **EIVISSA: 2**, on *Xanthoria parietina* on *Arthrocnemum* sp. — 9.IX.2008, *VA* (VAL\_Lich. 27751). **3**, on *X. parietina* — 9.IX.2008, *BM* (SALA-Lich. 4397).

### **\**Endohyalina ericina*** (Nyl.) Giralt, van den Boom & Elix

SPECIMEN EXAMINED — **FORMENTERA: 6**, on *Erica multiflora* — 10.IX.2008, *ELL* (BCN-Lich. 16551, as *Rinodina ericina*).

**\*Enterographa pitardii** (de Lesd.) Redinger

SPECIMENS EXAMINED — EIVISSA: **1**, on bark — 9.IX.2008, *ARB* (MACB 99666). **3**, on *Pinus halepensis* — 9.IX.2008, *VA* (VAL\_Lich. 27752). **13**, on *Quercus coccifera* — 2.IV.2008, *VA* (VAL\_Lich. 27755). ES VEDRÀ: **10**, on *Pistacia lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27754). SA CONILLERA: **8**, on *Juniperus phoenicea* — 2.IV.2008, *VA* (VAL\_Lich. 27753).

**\*Evernia prunastri** (L.) Ach.

SPECIMENS EXAMINED — EIVISSA: **12**, on bark — 12.IX.2008, *ARB* (MACB 99674), on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27758). FORMENTERA: **6**, on *Erica multiflora* — 10.IX.2008, *IPV* (TFC-Lich. 7255), on *P. halepensis* — 10.IX.2008, *RPB* (MACB 99391).

**Flavoparmelia caperata** (L.) Hale

SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *RPB* (MACB 99401, as *Parmelia caperata*). **11**, on mosses — 11.IX.2008, *ELL* (BCN-Lich. 16611). **12**, on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27759), *VJR* (MAF-Lich. 16319), on *P. halepensis* — 12.IX.2008, *AGB* (BCN-Lich. 16833), *RA*, *ES* & *EA* (MACB 98871, 98872).

PREVIOUS REPORT — EIVISSA: on *Pinus halepensis* — Klement (1965, as *Parmelia caperata* f. *laevissima*).

**\*Fulgensia desertorum** (Tomin) Poelt

SPECIMENS EXAMINED — EIVISSA: **3**, on soil — 9.IX.2008, *RA*, *ES* & *EA* (MACB 98938, 98939). **12**, on soil — 12.IX.2008, *MELDS* (SANT-Lich. 11360).

**Fulgensia fulgens** (Sw.) Elenkin

SPECIMEN EXAMINED — EIVISSA: **11**, on soil — 11.IX.2008, *IPV* (TFC-Lich. 7243).

PREVIOUS REPORT — EIVISSA: on soil — Knoche (1921, as *Squamaria fulgens*).

**\*Fulgensia fulgida** (Nyl.) Szatala

SPECIMENS EXAMINED — EIVISSA: **1**, on soil — 9.IX.2008, *ARB* (MACB 99675), *RPB* (MACB 99407), *VJR* (MAF-Lich. 16375). **11**, on soil — 10.IX.2008, *ARB* (MACB 99676). **12**, on soil — 12.IX.2008, *ARB* (MACB 99677). FORMENTERA: **6**, on limestone — 11.IX.2008, *ARB* (MACB 99662).

**Fulgensia subbracteata** (Nyl.) Poelt

SPECIMENS EXAMINED — EIVISSA: **1**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16486, 16488), on soil — 9.IX.2008, *VJR* (MAF-Lich. 16375, as *Fulgensia poelti*). **2**, on soil — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16747, as *Fulgensia solediosa*). **12**, on soil — 12.IX.2008, *BM* (SALA-Lich. 4449, as *F. solediosa*). SA CONILLERA: **9**, on soil — 11.IX.2008, *BM* (SALA-Lich. 4360, as *F. solediosa*).

PREVIOUS REPORTS — EIVISSA: on soil — Knoche (1921, as *Squamaria fulgens*), Klement (1965). FORMENTERA: on soil — Klement (1965, as *Fulgensia solediosa*). TAGOMAGO: on soil — Klement (1965, as *F. solediosa*).

**\*\*\*Gyalecta crozalsii** B. de Lesd

SPECIMEN EXAMINED — FORMENTERA: **5**, on limestone — 10.IX.2008, *NH* & *GF* (BCN-Lich. 16766).

**\*Gyalecta jenensis** (Batsch) Zahlbr.

SPECIMENS EXAMINED — EIVISSA: **1**, on marl — 9.IX.2008, *ELL* (BCN-Lich. 16504, 16505, 16508).

**\*Gyalecta truncigena** (Ach.) Hepp

SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16877). **12**, on *Juniperus oxycedrus* — 12.IX.2008, *AGB* (BCN-Lich. 16855), *VJR* (MAF-Lich. 16315), on *Juniperus phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16333), on *J. phoenicea* — 12.IX.2008, *AGB* (BCN-Lich. 16848), *VA* (VAL\_Lich. 27760), on *Pinus halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16639). **16**, on *Pistacia lentiscus* — 16.IX.2005, *ELL* (BCN-Lich. 14915). SA CONILLERA: **8**, on *J. phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16583).

**\*\*Heterodermia obscurata** (Nyl.) Trevis.

SPECIMEN EXAMINED — EIVISSA: **12**, on *Pinus halepensis* — 12.IX.2008, *NH* & *GF* (BCN-Lich. 16794).

**\*Heteroplacidium imbricatum** (Nyl.) Breuss

SPECIMENS EXAMINED — EIVISSA: **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16542, 16544, 16545, 16546).

**\*\*Hydropunctaria amphibia** (Clemente) Cl. Roux

SPECIMENS EXAMINED — ES VEDRÀ: **10**, on marl — 20-VII-2011, *VJR* (MAF-Lich. 17668, 17669, as *Verrucaria amphibia*).

**\*\*Hydropunctaria maura** (Wahlenb.) C. Keller, Gueidan & Thüs

SPECIMENS EXAMINED — EIVISSA: **1**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16861, as *Verrucaria maura*), on marl — 9.IX.2008, *VJR* (MAF-Lich. 16374, as *V. maura*). ES VEDRÀ: **10**, on limestone — 11.IX.2008, *AGB* (BCN-Lich. 16825, 16866, as *V. maura*).

**\*Hyperphyscia adglutinata** (Flörke) H. Mayrhofer & Poelt

SPECIMENS EXAMINED — EIVISSA: **11**, on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16844), *NH* & *GF* (BCN-Lich. 16775). **12**, on *Cistus albidus* — 12.IX.2008, *NH* & *GF* (BCN-Lich. 16787), on *Juniperus phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16334), on *Pinus halepensis* — 4.IV.2008, *VJR* (MAF-Lich. 16322), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16639), *MELDS* (SANT-Lich. 11361), *VJR* (MAF-Lich. 16382), on *Pistacia lentiscus* — 12.IX.2008, *IPV* (TFC-Lich. 7212), *RA*, *ES* & *EA* (MACB 98791), on

*Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16657), on *Thymus* sp. — 12.IX.2008, *ELL* (BCN-Lich.16654). **16**, on *P. lentiscus* — 16.IX.2005, *ELL* (BCN-Lich. 14915).

**\**Ingaderia troglodytica* Feige & Lumbsch**

SPECIMENS EXAMINED — **FORMENTERA: 5**, on limestone cave — 10.IX.2008, *AGB* (BCN-Lich 16823), *BM* (SALA-Lich. 4358), *ELL* (BCN-Lich. 16568, 16570), *IPV* (TFC-Lich. 7180), *MELDS* (SANT-Lich. 11362), *NH* & *GF* (BCN-Lich. 16762), *RPB* (MACB 99394), *VA* (VAL\_Lich. 27761), *XLL* (BCN-Lich. 18429). **ES VEDRÀ: 10**, on limestone cave — 11.IX.2008, *AGB* (BCN-Lich. 16883), *RA*, *ES* & *EA* (MACB 98763, 98764, 98765; TLC: lecanoric acid (98763)), *VJR* (MAF-Lich. 16357).

**\**Julella myrticola* (de Lesd) M. E. Barr**

SPECIMEN EXAMINED — **EIVISSA: 11**, on *Pistacia lentiscus* — 11.IX.2008, *AGB* (BCN-Lich. 16836).

**\*\**Koerberia biformis* A. Massal.**

SPECIMEN EXAMINED — **EIVISSA: 12**, on *Pinus halepensis* — 28.II.2009, *VJR* (MAF-Lich. 16380).

**\*\**Lawalreea lecanorae* Diederich**

SPECIMEN EXAMINED — **EIVISSA: 11**, on *Lecanora chlarotera* — 2.IV.2008, *VA* (VAL\_Lich. 27763).

**\*\**Lecania cyrtellina* (Nyl.) Sandst.**

SPECIMENS EXAMINED — **EIVISSA: 12**, on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16670), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16657), on *Thymus* sp. — 12.IX.2008, *ELL* (BCN-Lich. 16654).

**\*\**Lecania koerberiana* J. Lahm**

SPECIMEN EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *MELDS* (SANT-Lich. 11363).

**\**Lecania naegelii* (Hepp) Diederich & van den Boom**

SPECIMENS EXAMINED — **EIVISSA: 3**, on *Pinus halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16527). **12**, on *Juniperus phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16342), on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich.16670).

**\**Lecania rabenhorstii* (Hepp) Arnold**

SPECIMEN EXAMINED — **EIVISSA: 12**, on limestone — 12.IX.2008, *VJR* (MAF-Lich. 16308).

**\**Lecania spadicea* (Flot.) Zahlbr.**

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *BM* (SALA-Lich. 4444). **3**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16841). **FORMENTERA: 5**, on limestone — 10.IX.2008, *AGB* (BCN-Lich. 16916), *BM* (SALA-Lich. 4459), *ELL* (BCN-Lich. 16574, sub *Solenopsora holophaea*), *NH* & *GF* (BCN-Lich. 16765, 16770, sub *S. holophaea*).

***Lecania turicensis* (Hepp) Müll. Arg.**

SPECIMENS EXAMINED — **EIVISSA: 2**, on marl — 9.IX.2008, *AGB* (BCN-Lich. 16889). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *MELDS* (SANT-Lich. 11364), *XLL* (BCN-Lich. 18441).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Maheu & Gillet (1922, as *Lecania albariella*), Klement (1965, as *L. albariella*).

***Lecanora albescens* (Hoffm.) Branth & Rostr.**

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16888). **FORMENTERA: 5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4374, as *Aspicilia farinosa*). **SA CONILLERA: 9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4435).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Maheu & Gillet (1922, as *Lecanora galactina* var. *effigurascens*), Klement (1965, as *Aspicilia farinosa* and *Lecanora albescens*). **TAGOMAGO:** on limestone — Klement (1965, as *Aspicilia calcarea*).

**\**Lecanora argentata* (Ach.) Malme**

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16741). **4**, on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4412). **FORMENTERA: 6**, on *J. phoenicea* — 10.IX.2008, *NH* & *GF* (BCN-Lich. 16743).

***Lecanora carpinea* (L.) Vain**

SPECIMEN EXAMINED — **FORMENTERA: 7**, on palm tree — 10.IX.2008, *BM* (SALA-Lich. 4370).

PREVIOUS REPORTS — **EIVISSA:** on *Ceratonia siliqua* — Maheu & Gillet (1922, as *Lecanora angulosa*), Klement (1965).

***Lecanora chlarotera* Nyl.**

SPECIMENS EXAMINED — **EIVISSA: 2**, on *Pinus halepensis* — 9.IX.2008, *MELDS* (SANT-Lich. 11366). **11**, on *P. halepensis* — 11.IX.2008, *AGB* (BCN-Lich. 16845), *ELL* (BCN-Lich. 16620, 16621, 16622), on *Quercus coccifera* — 11.IX.2008, *ELL* (BCN-Lich. 16615, 16616, 16629). **12**, on *Cistus albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16644), on *P. halepensis* — 4.IV.2008, *VJR* (MAF-Lich. 16326), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16634, 16635, 16666), *IPV* (TFC-Lich. 7249), on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16645, 16646, 16665, 16667, 16668, 16669, 16670), *IPV* (TFC-Lich. 7218). **FORMENTERA: 6**, on *Erica multiflora* — 10.IX.2008, *ELL* (BCN-Lich. 16551).

PREVIOUS REPORTS — **EIVISSA:** — Pau (1899, as *Lecanora rugosa*), Knoche (1921, as *L. rugosa*), on *Ceratonia siliqua* — Maheu & Gillet (1922, as *Lecanora subfusca*), on *Cupressus* sp. — Klement (1965, also as *Lecanora subrugosa*). **FORMENTERA:** on *Pinus halepensis* — Klement (1965, also as *L. subrugosa*). **SA CONILLERA:** on bark — Klement (1965). **TAGOMAGO:** on bark — Klement (1965).

**\*\**Lecanora congesta*** Clauzade & Vězda

SPECIMENS EXAMINED — SA CONILLERA: **8**, on limestone — 11.IX.2008, *XLL* (BCN-Lich. 18441), *BM* (SALA-Lich. 4364, as *Toninia candida*), *IPV* (TFC-Lich. 7237). **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4380).

***Lecanora dispersa*** (Pers.) Röhl.

SPECIMEN EXAMINED — EIVISSA: **1**, on marl — 9.IX.2008, *AGB* (BCN-Lich. 16888).

PREVIOUS REPORT — EIVISSA: on walls — Klement (1965).

**\*\**Lecanora glabrata*** (Ach.) Malme

SPECIMEN EXAMINED — EIVISSA: **4**, on *Ceratonia siliqua* — 9.IX.2008, *IPV* (TFC-Lich. 7269).

***Lecanora horiza*** (Ach.) Röhl.

SPECIMENS EXAMINED — EIVISSA: **1**, on bark — 9.IX.2008, *BM* (SALA-Lich. 4393), on *Juniperus phoenicea* — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16704), *RPB* (MACB 99358). **2**, on *J. phoenicea* — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16746). **14**, on *Pinus halepensis* — 13.IX.2005, *ELL* (BCN-Lich. 14909). ES VEDRÁ: **10**, on *Pistacia lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27770). FORMENTERA: **6**, on *J. phoenicea* — 10.IX.2008, *RPB* (MACB 99402). SA CONILLERA: **8**, on *Rosmarinus officinalis* — 11.IX.2008, *ELL* (BCN-Lich. 16591).

PREVIOUS REPORT — EIVISSA: on *Pinus halepensis* and *Ceratonia siliqua* — Klement (1965, as *Lecanora laevis*).

**\*\**Lecanora hybocarpa*** (Tuck.) Brodo

SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16923). **3**, on *Cneorum tricoccon* — 9.IX.2008, *ELL* (BCN-Lich. 16533), on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16530, 16531).

***Lecanora lividocinerea*** Bagl.

SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16695), on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4388), *XLL* (BCN-Lich. 18415). **2**, on *P. halepensis* — 9.IX.2008, *IPV* (TFC-Lich. 7171, 7174), *RA*, *ES* & *EA* (MACB 98499, 98500). **11**, on *P. halepensis* — 11.IX.2008, *AGB* (BCN-Lich. 16903). **12**, on *P. halepensis* — 12.IX.2008, *NH* & *GF* (BCN-Lich. 16809). FORMENTERA: **6**, on *P. halepensis* — 10.IX.2008, *AGB* (BCN-Lich. 16890), *RA*, *ES* & *EA* (MACB 98812), *XLL* (BCN-Lich. 18433). SA CONILLERA: **8**, on *J. phoenicea* — 11.IX.2008, *RA*, *ES* & *EA* (MACB 98651).

PREVIOUS REPORT — EIVISSA: on *Pistacia lentiscus* — Crespo & Llimona (1981, as *Lecanora balearica*).

***Lecanora meridionalis*** H. Magn.

SPECIMENS EXAMINED — EIVISSA: **2**, on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16523, 16524). **3**, on *Pinus halepensis* — 9.IX.2008, *VA* (VAL\_Lich. 27771). **12**, on *P. lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16668).

PREVIOUS REPORTS — EIVISSA: on bark — Klement (1965). FORMENTERA: on bark — Klement (1965). SA CONILLERA: on bark — Klement (1965). TAGOMAGO: on bark — Klement (1965).

***Lecanora muralis*** (Schreb.) Rabenh.

SPECIMEN EXAMINED — EIVISSA: **3**, on limestone — 9.IX.2008, *RA*, *ES* & *EA* (MACB 98930).

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Placodium albomarginatum* and *P. saxicolum*).

***Lecanora pruinosa*** Chaub.

SPECIMENS EXAMINED — EIVISSA: **3**, on limestone — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16732, 16734), on *Juniperus phoenicea* — 9.IX.2008, *IPV* (TFC-Lich. 7194). **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16542, 16543, 16544, 16545, 16546). **12**, on limestone — 12.IX.2008, *VJR* (MAF-Lich. 16305). SA CONILLERA: **8**, on *J. phoenicea* — 11.IX.2008, *IPV* (TFC-Lich. 7230).

PREVIOUS REPORTS — EIVISSA: on limestone — Klement (1965, as *Placodium pruinatum*). FORMENTERA: on limestone — Maheu & Gillet (1922, as *Placodium teichoteum*).

**\**Lecanora pulcaris*** (Pers.) Ach.

SPECIMEN EXAMINED — EIVISSA: **4**, on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4422).

**\**Lecanora rubicunda*** Bagl.

SPECIMEN EXAMINED — EIVISSA: **11**, on *Juniperus oxycedrus* — 11.IX.2008, *AGB* (BCN-Lich. 16918).

***Lecanora strobilina*** (Spreng.) Kieff.

SPECIMENS EXAMINED — EIVISSA: **2**, on bark — 9.IX.2008, *BM* (SALA-Lich. 4438), on *Pinus halepensis* — 9.IX.2008, *VA* (VAL\_Lich. 27772).

PREVIOUS REPORTS — EIVISSA: on *Pinus halepensis* — Klement (1965). FORMENTERA: on *P. halepensis* — Klement (1965).

**\*\**Lecanora symmicta*** (Ach.) Ach.

SPECIMEN EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16696).

**\**Lecanora varia*** (Hoffm.) Ach.

SPECIMEN EXAMINED — EIVISSA: **12**, on *Juniperus phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16339).

***Lecidella elaeochroma* (Ach.) M. Choisy**

SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *NH & GF* (BCN-Lich. 16697, as *Lecidella euphorea*). **3**, on *Cneorum tricoccon* — 9.IX.2008, *ELL* (BCN-Lich. 16533), on *Pinus halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16536, 16637), *RA, ES & EA* (MACB 98918, 98919), *RPB* (MACB 99381), *VA* (VAL\_Lich. 27773), on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16530, 16531). **4**, on *P. halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4413). **11**, on *J. phoenicea* — 11.IX.2008, *MELDS* (SANT-Lich. 11367, as *L. euphorea*), on *Quercus coccifera* — 11.IX.2008, *ELL* (BCN-Lich. 16616). **12**, on *Cistus albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16660), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16634, 16635), on *P. lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16665, 16670), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16657, 16659), *NH & GF* (BCN-Lich. 16807). **13**, on *J. phoenicea* — 13.IX.2005, *ELL* (BCN-Lich. 14903, 14904). **14**, on *P. halepensis* — 13.IX.2005, *ELL* (BCN-Lich. 14909). **SA CONILLERA: 8**, on *J. phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16594), *IPV* (TFC-Lich. 7224, as *Lecidella elaeochroma* var. *flavicans*).

PREVIOUS REPORTS — EIVISSA: on *Ceratonia silicua* — Maheu & Gillet (1922, as *Lecidea parasema* var. *elaeochroma*), on bark — Klement (1965, as *Lecidea euphorea* and *Lecidea olivacea*). FORMENTERA: on bark — Klement (1965, as *L. euphorea* and *L. olivacea*). SA CONILLERA: — Knoche (1921, as *L. parasema*). TAGOMAGO: on bark — Klement (1965, as *L. euphorea* and *L. olivacea*).

**\*\**Lecidella elaeochroma* f. *soralifera* (Erichsen) D. Hawksw.**

SPECIMEN EXAMINED — EIVISSA: **11**, on *Pinus halepensis* — 11.IX.2008, *AGB* (BCN-Lich. 16845).

***Lepraria isidiata* (Llimona) Llimona & A. Crespo**

SPECIMENS EXAMINED — EIVISSA: **3**, on limestone — 9.IX.2008, *BM* (SALA-Lich. 4307), on soil — 9.IX.2008, *ARB* (MACB 99678). **11**, on soil — 11.IX.2008, *ARB* (MACB 99679), *VA* (VAL\_Lich. 27774). **12**, on mosses — 4.IV.2008, *VJR* (MAF-Lich. 16343), on bryophytes (*Grimmia* sp.) — 12.IX.2008, *XLL* (BCN-Lich. 18456).

PREVIOUS REPORT — EIVISSA: on bryophytes — Klement (1965, as *Crocynia membranacea*).

**\*\**Lepraria umbricola* Tønsberg**

SPECIMEN EXAMINED — EIVISSA: **11**, on soil — 11.IX.2008, *RPB* (MACB 99386; TLC: atranorin, zeorin and thamnolic acid).

**\**Leptogium teretiusculum* (Flörke) Arnold**

SPECIMEN EXAMINED — EIVISSA: **3**, on soil — 9.IX.2008, *BM* (SALA-Lich. 4303).

**\**Lichenodiplis lecanorae* (Vouaux) Dyko & D. Hawksw.**

SPECIMENS EXAMINED — EIVISSA: **1**, on *Caloplaca* sp. on *Juniperus phoenicea* — 9.IX.2008, *VA* (VAL\_Lich. 27775). **2**, on *Caloplaca* sp. on *Artrocnemum* sp. — 9.IX.2008, *ELL* (BCN-Lich. 16524). **3**, on *Enterographa pitardii* on *Pinus halepensis* — 9.IX.2008, *VA* (VAL\_Lich. 27776). **ES VEDRA: 10**, on *Caloplaca flavorubescens* on *Pistacia lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27777).

**\**Lichenostigma elongatum* Nav.-Ros & Hafellner**

SPECIMEN EXAMINED — EIVISSA: **12**, on *Aspicilia calcarea* — 12.IX.2008, *AGB* (BCN-Lich. 16922).

**\**Lichenothelia renobalesiana* D. Hawksw. & V. Atienza**

SPECIMEN EXAMINED — EIVISSA: **1**, on *Bagliettoa calciseda* — 1.IV.2008, *VJR* (MAF-Lich. 16399).

**\*\*\**Micarea micrococca* (Körb.) Gams ex Coppins**

SPECIMEN EXAMINED — EIVISSA: **12**, on *Pinus halepensis* — 28.II.2009, *VJR* (MAF-Lich. 16381).

**\*\**Minutoexcipula mariana* V. Atienza**

SPECIMEN EXAMINED — EIVISSA: **12**, on *Pertusaria* sp. on *Ceratonia siliqua* — 12.IX.2008, *VA* (VAL\_Lich. 27778).

**\**Muellerella hospitans* Stizenb.**

SPECIMENS EXAMINED — EIVISSA: **1**, on *Bacidia parathalassica* on *Juniperus phoenicea* — 9.IX.2008, *VA* (VAL\_Lich. 27779). FORMENTERA: **6**, on *Bacidia parathalassica* — 10.IX.2008, *ELL* (BCN-Lich. 16562).

**\*\*\**Muellerella lecanactidis* Diederich & van den Boom**

SPECIMENS EXAMINED — EIVISSA: **3**, on *Cresponia premnea* — 9.IX.2008, *ELL* (BCN-Lich. 16530, 16531, 16532, 1653).

**\**Muellerella lichenicola* (Sommerf.) D. Hawksw.**

SPECIMENS EXAMINED — EIVISSA: **1**, on *Rinodina* on *Juniperus phoenicea* — 9.IX.2008, *VA* (VAL\_Lich. 27780), on *Caloplaca aurantia* — 9.IX.2008, *NH & GF* (BCN-Lich. 16719). **13**, on an unidentified lichen — 13.IX.2005, *ELL* (BCN-Lich. 14905).

***Mycocalicium llimonae* Hladun & D. Muñiz**

SPECIMENS EXAMINED — EIVISSA: **2**, on *Pinus halepensis* — 9.IX.2008, *RA, ES & EA* (MACB 98495), *BM* (SALA-Lich. 4368).

PREVIOUS REPORT — EIVISSA: on pine cones — Muñiz & Hladun (2011).

***Mycocalicium subtile* (Pers.) Szatala**

SPECIMEN EXAMINED — EIVISSA: **4**, on *Prunus dulcis* — 9.IX.2008, *RPB* (MACB 99359).

PREVIOUS REPORT — EIVISSA: on *Pinus halepensis* — Klement (1965, as *Calicium subtile*).

***Mycocalicium victoriae*** (C. Knight ex F. Wilson) Nád. v.SPECIMEN EXAMINED — EIVISSA: 4, on *Prunus dulcis* — 9.IX.2008, NH & GF (BCN-Lich. 16738).

PREVIOUS REPORT — EIVISSA: corticolous — Muñiz &amp; Hladun (2011).

**\*\**Normandina pulchella*** (Borrer) Nyl.SPECIMEN EXAMINED — EIVISSA: 12, on *Pinus halepensis* — 4.IV.2008, VA (VAL\_Lich. 27781).***Opegrapha celtidicola*** (Jatta) JattaSPECIMENS EXAMINED — EIVISSA: 3, on *Pinus halepensis* — 9.IX.2008, BM (SALA-Lich. 4398). ES VEDRÀ: 10, on *Pistacia lentiscus* — 11.IX.2008, VA (VAL\_Lich. 27782, as *O. betulinoidea*). FORMENTERA: 6, on *Erica multiflora* — 10.IX.2008, ELL (BCN-Lich. 16551, as *Opegrapha betulinoidea*), on *Juniperus phoenicea* — 10.IX.2008, AGB (BCN-Lich. 16936). SA CONILLERA: 8, on *J. phoenicea* — 11.IX.2008, ELL (BCN-Lich. 16587, 16590, as *O. betulinoidea*).PREVIOUS REPORT — FORMENTERA: on *Juniperus phoenicea* — Torrente & Egea (1989).**\*\*\**Opegrapha deusta*** De Not. ex JattaSPECIMEN EXAMINED — FORMENTERA: 6, on *Erica multiflora* — 10.IX.2008, ELL (BCN-Lich. 16551).**\**Opegrapha durieui*** Mont.

SPECIMEN EXAMINED — ES VEDRÀ: 10, on limestone — 11.IX.2008, AGB (BCN-Lich. 16865).

**\**Opegrapha mougeotii*** A. Massal.

SPECIMENS EXAMINED — EIVISSA: 1, on marl — 9.IX.2008, ELL (BCN-Lich. 16504, 16506, 16508), VJR (MAF-Lich. 16373).

**\**Opegrapha niveoatra*** (Borrer) J. R. LaundonSPECIMENS EXAMINED — EIVISSA: 2, on *Pinus halepensis* — 9.IX.2008, ELL (BCN-Lich. 16519), on *Pistacia lentiscus* — 9.IX.2008, ELL (BCN-Lich. 16522, 16523). 3, on *Cneorum tricoccon* — 9.IX.2008, ELL (BCN-Lich. 16533), on *P. halepensis* — 9.IX.2008, ELL (BCN-Lich. 16527, 16536, 16537). FORMENTERA: 6, on *P. lentiscus* — 10.IX.2008, ELL (BCN-Lich. 16554).***Opegrapha ochrocincta*** WernerSPECIMENS EXAMINED — EIVISSA: 1, on bark — 9.IX.2008, BM (SALA-Lich. 4394). FORMENTERA: 5, on *Thymelaea hirsuta* — 10.IX.2008, ELL (BCN-Lich. 16564, as *Opegrapha diaphoroides*). 6, on *Erica multiflora* — 10.IX.2008, ELL (BCN-Lich. 16552, as *O. diaphoroides*), on *Juniperus phoenicea* — 10.IX.2008, AGB (BCN-Lich. 16900), ELL (BCN-Lich. 16550, as *O. diaphoroides*), on *Pinus halepensis* — 10.IX.2008, ELL (BCN-Lich. 16560, as *O. diaphoroides*), on *Pistacia lentiscus* — 10.IX.2008, ELL (BCN-Lich. 16553, 16554, 16561, as *O. diaphoroides*). SA CONILLERA: 8, on *J. phoenicea* — 2.IV.2008, VA (VAL\_Lich. 27783).PREVIOUS REPORTS — EIVISSA: on *Ceratonia siliqua* — Klement (1965, as *Opegrapha diaphoroides*), Torrente & Egea (1989). FORMENTERA: on *Ceratonia siliqua* — Klement (1965, as *O. diaphoroides*). TAGOMAGO: on *Ceratonia siliqua* — Klement (1965, as *O. diaphoroides*).**\**Opegrapha physciaria*** (Nyl.) D. Hawksw. & CoppinsSPECIMEN EXAMINED — ES VEDRÀ: 10, on *Xanthoria parietina* on *Pistacia lentiscus* — 11.IX.2008, VA (VAL\_Lich. 27784).**\*\**Opegrapha rufescens*** Pers.SPECIMENS EXAMINED — EIVISSA: 2, on *Pistacia lentiscus* — 9.IX.2008, ELL (BCN-Lich. 16522). 3, on *Cneorum tricoccon* — 9.IX.2008, ELL (BCN-Lich. 16532, 16533), on *P. lentiscus* — 9.IX.2008, ELL (BCN-Lich. 16531).**\**Opegrapha rupestris*** Pers.SPECIMENS EXAMINED — EIVISSA: 1, on *Verrucaria parmigera* on marl — 9.IX.2008, VJR (MAF-Lich. 16370), on *Aspicilia cheresina* — 9.IX.2008, ELL (BCN-Lich. 16504, 16505, as *Opegrapha saxicola*).**\*\**Opegrapha variiformis*** Anzi

SPECIMENS EXAMINED — EIVISSA: 1, on limestone — 9.IX.2008, AGB (BCN-Lich. 16878), on marl — 9.IX.2008, VJR (MAF-Lich. 16368). FORMENTERA: 5, on limestone — 10.IX.2008, MELDS (SANT-Lich. 11340).

**\**Opegrapha vulgata*** (Ach.) Ach.SPECIMENS EXAMINED — EIVISSA: 11, on *Cistus albidus* — 11.IX.2008, ELL (BCN-Lich. 16617), on *Erica multiflora* — 11.IX.2008, ELL (BCN-Lich. 16610), on *Juniperus oxycedrus* — 11.IX.2008, ELL (BCN-Lich. 16614, 16626), on *Pistacia lentiscus* — 11.IX.2008, ELL (BCN-Lich. 16624), on *Quercus coccifera* — 11.IX.2008, ELL (BCN-Lich. 16615, 16616, 16625, 16629). 12, on *C. albidus* — 12.IX.2008, ELL (BCN-Lich. 16643, 16644), on *Cneorum tricoccon* — 12.IX.2008, ELL (BCN-Lich. 16652), on *J. oxycedrus* — 12.IX.2008, ELL (BCN-Lich. 16651), on *P. lentiscus* — 12.IX.2008, ELL (BCN-Lich. 16647, 16665, 16667). 16, on *P. lentiscus* — 16.IX.2005, ELL (BCN-Lich. 14913). 18, on *Pinus halepensis* — 16.IX.2005, ELL (BCN-Lich. 14920, 14921). SA CONILLERA: 8, on *Juniperus phoenicea* — 11.IX.2008, ELL (BCN-Lich. 16587, 16588).***Parabagliettoa cyanea*** (A. Massal) Gueidan & Cl. RouxSPECIMENS EXAMINED — EIVISSA: 3, on rocks — 9.IX.2008, BM (SALA-Lich. 4424, as *Verrucaria cyanea*).PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Involucrothele limitata*).

**≠*Paralecanographa grumulosa* (Dufour) Ertz & Tehler**

SPECIMENS EXAMINED — **EIVISSA: 1**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16899, as *Lecanographa grumulosa*), on *Juniperus phoenicea* — 9.IX.2008, *NH & GF* (BCN-Lich. 16742, as *L. grumulosa*), on *Dirina ceratoniae* on *Juniperus phoenicea* — 9.IX.2008, *ELL* (BCN-Lich. 16483, as *L. grumulosa*), *VA* (VAL\_Lich. 27766). **3**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16893, as *L. grumulosa*). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *RA, ES & EA* (MACB 98767, as *L. grumulosa*), on *Roccella phycopsis* on limestone — 11.IX.2008, *VA* (VAL\_Lich. 27769, as *L. grumulosa*). **FORMENTERA: 5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16568, 16569, 16570, as *L. grumulosa*), *IPV* (TFC-Lich. 7187, 7189, as *L. grumulosa*), *MELDS* (SANT-Lich. 11365, as *L. grumulosa*), *NH & GF* (BCN-Lich. 16764, as *L. grumulosa*), *RPB* (MACB 99404, as *L. grumulosa*), *VA* (VAL\_Lich. 27767, as *L. grumulosa*), *XLL* (BCN-Lich. 18430, as *L. grumulosa*). **6**, on *D. ceratoniae* — 10.IX.2008, *AGB* (BCN-Lich. 16843, as *L. grumulosa*). **SA CONILLERA: 8**, on limestone — 2.IV.2008, *VA* (VAL\_Lich. 27768, as *L. grumulosa*).

PREVIOUS REPORT — **EIVISSA**: epiphytic — Torrente & Egea (1989, as *Lecanactis grumulosa* var. *grumulosa*).

***Parmelia sulcata* Taylor**

SPECIMENS EXAMINED — **EIVISSA: 2**, on *Pinus halepensis* — 9.IX.2008, *NH & GF* (BCN-Lich. 16750). **12**, on *P. halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27785), *VJR* (MAF-Lich. 16317).

PREVIOUS REPORTS — **EIVISSA**: on bark — Maheu & Gillet (1921), on *Ceratonia siliqua* — Klement (1965).

**\**Parmelina tiliacea* (Hoffm.) Hale**

SPECIMEN EXAMINED — **EIVISSA: 12**, on *Pinus halepensis* — 12.IX.2008, *AGB* (BCN-Lich. 16854).

**\*\**Parmotrema arnoldii* (Du Rietz) Hale**

SPECIMENS EXAMINED — **EIVISSA: 12**, on *Cistus albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16660), on *Pinus halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16666, 16653).

***Parmotrema hypoleucinum* (J. Steiner) Hale**

SPECIMENS EXAMINED — **EIVISSA: 12**, on *Cistus albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16641), on *Juniperus oxycedrus* — 12.IX.2008, *ELL* (BCN-Lich. 16661), on *Juniperus phoenicea* — 12.IX.2008, *RA, ES & EA* (MACB 98778), on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27787), *VJR* (MAF-Lich. 16318), on *P. halepensis* — 12.IX.2008, *ARB* (MACB 99682), *ELL* (BCN-Lich. 16655), *IPV* (TFC-Lich. 7200), *MELDS* (SANT-Lich. 11369), *NH & GF* (BCN-Lich. 16789), *RA, ES & EA* (MACB 98868, 98870), *RPB* (MACB 99390), on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16646), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16656). **FORMENTERA: 6**, on *J. phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16830).

PREVIOUS REPORT — **FORMENTERA**: on *Juniperus phoenicea* — Mus & Fiol (1990, as *Parmelia hypoleucina*).

**\**Parmotrema perlatum* (Huds.) M. Choisy**

SPECIMENS EXAMINED — **EIVISSA: 11**, on *Olea europaea* — 11.IX.2008, *RA, ES & EA* (MACB 98602, as *P. chinense*), on *Pistacia lentiscus* — 11.IX.2008, *AGB* (BCN-Lich. 16838, as *Parmotrema chinense*), *RA, ES & EA* (MACB 98601, as *P. chinense*), on *Quercus coccifera* — 11.IX.2008, *RPB* (MACB 99392, as *P. chinense*). **12**, on *Cistus albidus* — 12.IX.2008, *RA, ES & EA* (MACB 98783, as *P. chinense*), on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27786, as *P. chinense*), *VJR* (MAF-Lich. 16316), on *P. halepensis* — 12.IX.2008, *AGB* (BCN-Lich. 16826, as *P. chinense*), *BM* (SALA-Lich. 4450, as *P. chinense*), *IPV* (TFC-Lich. 7209, as *P. chinense*), *MELDS* (SANT-Lich. 11370), *RA, ES & EA* (MACB 98865, as *P. chinense*).

**\**Parmotrema reticulatum* (Taylor) M. Choisy**

SPECIMEN EXAMINED — **EIVISSA: 12**, on *Pinus halepensis* — 12.IX.2008, *IPV* (TFC-Lich. 7208).

**\**Pertusaria amara* (Ach.) Nyl.**

SPECIMENS EXAMINED — **EIVISSA: 12**, on bark — 12.IX.2008, *ARB* (MACB 99683), *IPV* (TFC-Lich. 7202), on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27788), *VJR* (MAF-Lich. 16324), on *P. halepensis* — 12.IX.2008, *AGB* (BCN-Lich. 16858), *BM* (SALA-Lich. 4451), *ELL* (BCN-Lich. 16653, 16672), *MELDS* (SANT-Lich. 11371), *NH & GF* (BCN-Lich. 16795), *RA, ES & EA* (MACB 98857, 98858, 98859), *RPB* (MACB 99400).

***Pertusaria dispar* J. Steiner**

PREVIOUS REPORT — **FORMENTERA**: on *Pinus halepensis* — Boqueras & Llimona (2003).

***Pertusaria heterochroa* (Müll. Arg.) Erichsen**

SPECIMENS EXAMINED — **EIVISSA: 1**, on bark — 9.IX.2008, *ARB* (MACB 99684). **2**, on *Pinus halepensis* — 9.IX.2008, *NH & GF* (BCN-Lich. 16748, 16755). **4**, on *Prunus dulcis* — 9.IX.2008, *ELL* (BCN-Lich. 16539). **11**, on *Ceratonia siliqua* — 11.IX.2008, *IPV* (TFC-Lich. 7253), on *Juniperus oxycedrus* — 11.IX.2008, *ELL* (BCN-Lich. 16626), on *P. halepensis* — 11.IX.2008, *AGB* (BCN-Lich. 16837), on *Pistacia lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16624), on *Quercus coccifera* — 11.IX.2008, *ELL* (BCN-Lich. 16615, 16625, 16629). **12**, on *Cistus albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16642, 16643, 16644), on *J. oxycedrus* — 12.IX.2008, *ELL* (BCN-Lich. 16661), on *Juniperus phoenicea* — 12.IX.2008, *ELL* (BCN-Lich. 16662, 16663), on *P. halepensis* — 12.IX.2008, *BM* (SALA-Lich. 4452), on *P. lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16645, 16647, 16665, 16670), *IPV* (TFC-Lich. 7214), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16659), *NH & GF* (BCN-Lich. 16812). **14**, on *P. halepensis* — 13.IX.2005, *ELL* (BCN-Lich. 14908). **15**, on *C. siliqua* — 14.IX.2005, *ELL* (BCN-Lich. 14010). **FORMENTERA: 6**, on *J. phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16880), on *P. halepensis* — 10.IX.2008, *RA, ES & EA* (MACB 98808, 98809).

PREVIOUS REPORTS — **EIVISSA**: on *Olea europaea* and *Pinus halepensis* — Klement (1965, as *Pertusaria maximiliana*), Boqueras & Llimona (2003). **FORMENTERA**: on *P. halepensis* — Boqueras & Llimona (2003).

**\**Pertusaria hymenea* (Ach.) Schaer.**

SPECIMENS EXAMINED — **EIVISSA**: **12**, on *Rosmarinus officinalis* — 12.IX.2008, *NH & GF* (BCN-Lich. 16807, 16810).

**\**Pertusaria leioplaca* DC.**

SPECIMEN EXAMINED — **EIVISSA**: **11**, on bark — 11.IX.2008, *ARB* (MACB 99685).

**\**Pertusaria pertusa* (L.) Tuck.**

SPECIMEN EXAMINED — **EIVISSA**: **11**, on bark — 11.IX.2008, *RPB* (MACB 99415).

***Pertusaria pustulata* (Ach.) Duby**

SPECIMENS EXAMINED — **EIVISSA**: **11**, on *Pinus halepensis* — 11.IX.2008, *IPV* (TFC-Lich. 7246), on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16846). **FORMENTERA**: **6**, on *Juniperus phoenicea* — 10.IX.2008, *MELDS* (SANT-Lich. 11372).

PREVIOUS REPORT — **EIVISSA**: on *Ceratonia siliqua* — Klement (1965).

**\**Pertusaria werneriana* Boqueras**

SPECIMEN EXAMINED — **EIVISSA**: **11**, on *Juniperus oxycedrus* — 11.IX.2008, *ELL* (BCN-Lich. 16618).

***Petractis clausa* (Hoffm.) Kremp.**

SPECIMEN EXAMINED — **EIVISSA**: **1**, on limestone — 9.IX.2008, *AGB* (BCN-Lich. 16907).

PREVIOUS REPORT — **EIVISSA**: on limestone — Klement (1965).

**\**Petractis luetskemuelleri* (Zahlbr.) Vězda**

SPECIMENS EXAMINED — **EIVISSA**: **1**, on limestone — 1.IV.2008, *VJR* (MAF-Lich. 16395), on marl — 9.IX.2008, *VJR* (MAF-Lich. 16364).

**\**Phlyctis agelaea* (Ach.) Flot.**

SPECIMENS EXAMINED — **EIVISSA**: **11**, on *Pinus halepensis* — 11.IX.2008, *BM* (SALA-Lich. 4447), on *Pistacia lentiscus* — 11.IX.2008, *AGB* (BCN-Lich. 16918), on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16931).

***Physcia adscendens* (Fr.) H. Olivier**

SPECIMENS EXAMINED — **EIVISSA**: **3**, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16736), on *Juniperus phoenicea* — 9.IX.2008, *IPV* (TFC-Lich. 7193), on *Pinus halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16526), *NH & GF* (BCN-Lich. 16725), on *Prunus dulcis* — 9.IX.2008, *NH & GF* (BCN-Lich. 16735). **4**, on *Ceratonia silicua* — 9.IX.2008, *VA* (VAL\_Lich. 27789), on *P. halepensis* — 9.IX.2008, *ARB* (MACB 99686), *BM* (SALA-Lich. 4414), on *P. dulcis* — 9.IX.2008, *ELL* (BCN-Lich. 16539). **11**, on *Cistus albidus* — 11.IX.2008, *ELL* (BCN-Lich. 16617), on *P. halepensis* — 11.IX.2008, *NH & GF* (BCN-Lich. 16777). **12**, on bark — 12.IX.2008, *ARB* (MACB 99687), on *P. halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27791), *VJR* (MAF-Lich. 16320), on *P. halepensis* — 12.IX.2008, *AGB* (BCN-Lich. 16891), *MELDS* (SANT-Lich. 11373), *NH & GF* (BCN-Lich. 16783, 16793, 16805), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16656, 16657), *NH & GF* (BCN-Lich. 16799), on *Thymelaea* sp. — 12.IX.2008, *NH & GF* (BCN-Lich. 16784), on *Thymus* sp. — 12.IX.2008, *ELL* (BCN-Lich. 16654). **ES VEDRA**: **10**, on *P. lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27790). **SA CONILLERA**: **8**, on *Pistacia lentiscus* — 11.IX.2008, *ELL* (BCN-Lich. 16598, 16599).

PREVIOUS REPORT — **EIVISSA**: on bark — Klement (1965).

**\**Physcia aipolia* (Ehrh. ex Humb.) Fűrnr.**

SPECIMENS EXAMINED — **EIVISSA**: **12**, on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27792), on *P. halepensis* — 12.IX.2008, *AGB* (BCN-Lich. 16891).

***Physcia caesia* (Hoffm.) Hampe ex Fűrnr.**

SPECIMENS EXAMINED — **SA CONILLERA**: **8**, on *Juniperus phoenicea* — 11.IX.2008, *RA, ES & EA* (MACB 98650). **9**, on *J. phoenicea* and *Pinus halepensis* — 11.IX.2008, *BM* (SALA-Lich. 4410).

PREVIOUS REPORT — **EIVISSA**: on limestone — Klement (1965).

***Physcia leptalea* (Ach.) DC.**

SPECIMENS EXAMINED — **EIVISSA**: **12**, on bark — 12.IX.2008, *ARB* (MACB 99688, as *Physcia semipinnata*), on *Cistus albidus* — 12.IX.2008, *NH & GF* (BCN-Lich. 16787), on *Erica multiflora* — 12.IX.2008, *RA, ES & EA* (MACB 98874, 98875), on *Juniperus phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16332), on *J. phoenicea* — 12.IX.2008, *NH & GF* (BCN-Lich. 16790, 16792), on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27793), *VJR* (MAF-Lich. 16321), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16666), *IPV* (TFC-Lich. 7211), *NH & GF* (BCN-Lich. 16802, 16805, 16806, 16809), *RA, ES & EA* (MACB 98855), on *P. halepensis* — 28.II.2009, *VJR* (MAF-Lich. 16385), on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16645, 16665, 16667, 16668, 16669, 16670, 16673), *IPV* (TFC-Lich. 7206), *MELDS* (SANT-Lich. 11374), *NH & GF* (BCN-Lich. 16798), *RA, ES & EA* (MACB 98789, 98790), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16659), *NH & GF* (BCN-Lich. 16801, 16807). **SA CONILLERA**: **8**, on *J. phoenicea* — 11.IX.2008, *RPB* (MACB 99350).

PREVIOUS REPORTS — **EIVISSA**: on bark — Klement (1965). **FORMENTERA**: on bark — Klement (1965). **SA CONILLERA**: on bark — Klement (1965). **TAGOMAGO**: on bark — Klement (1965).



**\**Physcia tenella* (Scop.) DC.**SPECIMEN EXAMINED — ES VEDRÀ: 10, on *Pistacia lentiscus* — 11.IX.2008, VA (VAL\_Lich. 27794).**\**Placidiopsis cinerascens* (Nyl.) Breuss**

SPECIMEN EXAMINED — SA CONILLERA: 8, on soil — 11.IX.2008, ELL (BCN-Lich. 16604).

**\*\**Placidiopsis pseudocinerea* Breuss**

SPECIMEN EXAMINED — EIVISSA: 2, on soil — 9.IX.2008, XLL (BCN-Lich. 18419).

**\*\**Placidium boccanum* (Servít) Breuss**SPECIMEN EXAMINED — EIVISSA: 2, on soil — 9.IX.2008, MELDS (SANT-Lich. 11346, as *Catapyrenium boccanum*).**\*\**Placidium lachneum* (Ach.) de Lesd.**SPECIMENS EXAMINED — EIVISSA: 2, on soil — 9.IX.2008, NH & GF (BCN-Lich. 16756, 16757, as *Catapyrenium lachneum*).***Placidium semaforeense* (Breuss) Breuss**

PREVIOUS REPORT — EIVISSA: on soil — Prieto et al. (2010).

***Placidium squamulosum* (Ach.) Breuss**SPECIMENS EXAMINED — EIVISSA: 1, on soil — 9.IX.2008, RA, ES & EA (MACB 98511, 98520, 98520, as *Catapyrenium squamulosum*).  
3, on soil — 9.IX.2008, BM (SALA-Lich. 4426, as *C. squamulosum*).PREVIOUS REPORTS — EIVISSA: on soil — Klement (1965, as *Dermatocarpon hepaticum*). FORMENTERA: on soil — Klement (1965, as *D. hepaticum*).***Placynthium nigrum* (Huds.) S. Gray**

SPECIMENS EXAMINED — EIVISSA: 3, on limestone — 9.IX.2008, ARB (MACB 99689). 12, on limestone — 12.IX.2008, ARB (MACB 99690), VJR (MAF-Lich. 16310).

PREVIOUS REPORT — EIVISSA: on limestone — Burgaz (2011).

**\*\**Polyblastia rouxiana* Vězda & Vivant**

SPECIMENS EXAMINED — EIVISSA: 11, on soil — 11.IX.2008, ELL (BCN-Lich. 16623, 16628).

**\*\**Polycoccum arnoldii* (Hepp) D. Hawksw.**SPECIMEN EXAMINED — EIVISSA: 1, on *Bactrospora patellarioides* — 9.IX.2008, ELL (BCN-Lich. 16484, as *Polycoccum* aff. *arnoldii*).**\**Porina aenea* (Wallr.) Zahlbr.**SPECIMENS EXAMINED — EIVISSA: 2, on *Pinus halepensis* — 9.IX.2008, ELL (BCN-Lich. 16520, 16521), on *Pistacia lentiscus* — 9.IX.2008, ELL (BCN-Lich. 16522, 16523). 3, on *Cneorum tricoccon* — 9.IX.2008, ELL (BCN-Lich. 16533), on *P. lentiscus* — 9.IX.2008, ELL (BCN-Lich. 16531, 16538). 11, on *Juniperus oxycedrus* — 11.IX.2008, ELL (BCN-Lich. 16626). 12, on *Cistus albidus* — 12.IX.2008, ELL (BCN-Lich. 16644), on *J. oxycedrus* — 12.IX.2008, ELL (BCN-Lich. 16651), on *P. halepensis* — 12.IX.2008, ELL (BCN-Lich. 16639, 16671), on *P. lentiscus* — 12.IX.2008, ELL (BCN-Lich. 16645, 16665, 16667, 16673). 16, on *P. lentiscus* — 16.IX.2005, ELL (BCN-Lich. 14915). FORMENTERA: 6, on *Erica multiflora* — 10.IX.2008, ELL (BCN-Lich. 16552). SA CONILLERA: 8, on *Juniperus phoenicea* — 11.IX.2008, ELL (BCN-Lich. 16582, 16584, 16587, 16588, 16589, 16590), on *P. lentiscus* — 11.IX.2008, ELL (BCN-Lich. 16598).**\*\**Porina coralloidea* P. James**SPECIMEN EXAMINED — EIVISSA: 12, on *Pinus halepensis* — 12.IX.2008, AGB (BCN-Lich. 16853).**\*\**Porina ginzbergeri* Zahlbr.**

SPECIMEN EXAMINED — ES VEDRÀ: 10, on limestone — 11.IX.2008, AGB (BCN-Lich. 16925).

**\**Porina linearis* (Leight.) Zahlbr.**

SPECIMENS EXAMINED — EIVISSA: 1, on marl — 9.IX.2008, ELL (BCN-Lich. 16504, 16505, 16506, 16507, 16508), VJR (MAF-Lich. 16353). 12, on limestone — 12.IX.2008, XLL (BCN-Lich. 18444). ES VEDRÀ: 10, on calcareous rocks — 11.IX.2008, AGB (BCN-Lich. 16928), on limestone — 11.IX.2008, VJR (MAF-Lich. 16372). FORMENTERA: 5, on rocks — 10.IX.2008, BM (SALA-Lich. 4442).

**\**Porina oleriana* (A. Massal.) Lettau**

SPECIMEN EXAMINED — ES VEDRÀ: 10, on limestone — 11.IX.2008, VJR (MAF-Lich. 16348).

***Protblastenia calva* (Dicks.) Zahlbr.**

SPECIMEN EXAMINED — EIVISSA: 12, on limestone — 12.IX.2008, XLL (BCN-Lich. 18458).

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

***Psora crenata* (Taylor) Reinke**

SPECIMEN EXAMINED — EIVISSA: 2, on soil — 9.IX.2008, BM (SALA-Lich. 4437).

PREVIOUS REPORTS — EIVISSA: on soil — Klement (1965, as *Psora coroniformis*). FORMENTERA: on soil — Klement (1965, as *P. coroniformis*). TAGOMAGO: on soil — Klement (1965, as *P. coroniformis*).

**\**Psora decipiens* (Hedw.) Hoffm.**

SPECIMENS EXAMINED — EIVISSA: **1**, on soil — 9.IX.2008, *ARB* (MACB 99691), *IPV* (TFC-Lich. 7274), *RPB* (MACB 99387), *VJR* (MAF-Lich. 16376), *XLL* (BCN-Lich. 18414). **2**, on soil — 9.IX.2008, *AGB* (BCN-Lich. 16859), *NH & GF* (BCN-Lich. 16756), *RA, ES & EA* (MACB 98508), *XLL* (BCN-Lich. 18422). **4**, on soil — 9.IX.2008, *IPV* (TFC-Lich. 7265). **11**, on soil — 11.IX.2008, *ARB* (MACB 99692), *IPV* (TFC-Lich. 7242). **12**, on soil — 12.IX.2008, *RA, ES & EA* (MACB 98792, 98793). SA CONILLERA: **8**, on soil — 11.IX.2008, *RA, ES & EA* (MACB 98619).

**\*\**Psora saviczii* (Tomim) Follmann & A. Crespo**

SPECIMENS EXAMINED — EIVISSA: **2**, on soil — 9.IX.2008, *ELL* (BCN-Lich. 16515, 16516, 16518), *VA* (VAL\_Lich. 27795).

***Punctelia borreri* (Sm.) Krog**

PREVIOUS REPORT — EIVISSA: on bark — Crespo et al. (2004).

**\**Pyrenula chlorospila* (Nyl.) Arnold**

SPECIMENS EXAMINED — EIVISSA: **11**, on bark — 11.IX.2008, *ARB* (MACB 99663), on *Pinus halepensis* — 11.IX.2008, *RPB* (MACB 99406), on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16874), *ELL* (BCN-Lich. 16615, 16625, 16629), *MELDS* (SANT-Lich. 11375).

**\**Pyrrhospora quernei* (Dicks.) Körb.**

SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16915), *NH & GF* (BCN-Lich. 16689). **2**, on *Pinus halepensis* — 9.IX.2008, *NH & GF* (BCN-Lich. 16748). **11**, on *P. halepensis* — 2.IV.2008, *VA* (VAL\_Lich. 27796), on *P. halepensis* — 11.IX.2008, *AGB* (BCN-Lich. 16845), *ELL* (BCN-Lich. 16620, 16621, 16622), *IPV* (TFC-Lich. 7247, 7250), *MELDS* (SANT-Lich. 11376). **12**, on *P. halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27797), *VJR* (MAF-Lich. 16327), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16634, 16635, 16637), *NH & GF* (BCN-Lich. 16806, 16808, 16809), *RA, ES & EA* (MACB 98860, 98861, 98862), *XLL* (BCN-Lich. 18457), on *Rosmarinus officinalis* — 12.IX.2008, *NH & GF* (BCN-Lich. 16807, 16810). **14**, on *P. halepensis* — 13.IX.2005, *ELL* (BCN-Lich. 14907). **16**, on *P. halepensis* — 16.IX.2005, *ELL* (BCN-Lich. 14912). FORMENTERA: **6**, on *P. halepensis* — 10.IX.2008, *XLL* (BCN-Lich. 18432).

***Ramalina canariensis* J. Steiner**

SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *NH & GF* (BCN-Lich. 16698), *RA, ES & EA* (MACB 98547), on *Pinus halepensis* — 9.IX.2008, *RA, ES & EA* (MACB 98552; TLC: divaricatic and usnic acids), on *Pistacia lentiscus* — 9.IX.2008, *MELDS* (SANT-Lich. 11377). **2**, on wood — 9.IX.2008, *RA, ES & EA* (MACB 98497), on *Arthrocnemum* sp. — 9.IX.2008, *RA, ES & EA* (MACB 98506). **3**, on *J. phoenicea* — 9.IX.2008, *IPV* (TFC-Lich. 7191), on *P. halepensis* — 9.IX.2008, *NH & GF* (BCN-Lich. 16726), *RA, ES & EA* (MACB 98814, 98908, 98909; TLC: divaricatic and usnic acid), *VA* (VAL\_Lich. 27800), on *P. lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16530, 16531). **4**, on limestone — 9.IX.2008, *RA, ES & EA* (MACB 98892), on *Prunus dulcis* — 9.IX.2008, *RA, ES & EA* (MACB 98878), *RPB* (MACB 99408; TLC: divaricatic acid). **11**, on *P. halepensis* — 2.IV.2008, *VA* (VAL\_Lich. 27798), on *P. halepensis* — 11.IX.2008, *NH & GF* (BCN-Lich. 16781). **12**, on *Cistus albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16643), on *Juniperus oxycedrus* — 12.IX.2008, *ELL* (BCN-Lich. 16661), on *J. phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16337), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16638), *RA, ES & EA* (MACB 98851), on *P. halepensis* — 28.II.2009, *VJR* (MAF-Lich. 16384), on *P. lentiscus* — 4.IV.2008, *VA* (VAL\_Lich. 27799), on *P. lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16645, 16665, 16669), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16656). ES VEDRA: **10**, on *P. lentiscus* — 11.IX.2008, *RA, ES & EA* (MACB 98757, 98758, 98759), *VA* (VAL\_Lich. 27801). FORMENTERA: **6**, on *P. halepensis* — 10.IX.2008, *XLL* (BCN-Lich. 18432). SA CONILLERA: **8**, on *J. phoenicea* — 11.IX.2008, *RA, ES & EA* (MACB 98626, 98625, 98630, 98631, 98630; TLC: divaricatic and usnic acids).

PREVIOUS REPORTS — EIVISSA: on *Pinus halepensis* — Klement (1965). FORMENTERA: on *P. halepensis* — Klement (1965), Arroyo (1993).

**\**Ramalina farinacea* (L.) Ach.**

SPECIMENS EXAMINED — EIVISSA: **12**, on *Pinus halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16637), on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16645, 16647).

**\**Ramalina fastigiata* (Pers.) Ach.**

SPECIMENS EXAMINED — EIVISSA: **3**, on *Pinus halepensis* — 9.IX.2008, *RA, ES & EA* (MACB 98896; TLC: evernic, obtusatic and usnic acids). **12**, on *Juniperus phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16336).

***Ramalina fraxinea* (L.) Ach.**

SPECIMENS EXAMINED — EIVISSA: **4**, on *Prunus dulcis* — 9.IX.2008, *NH & GF* (BCN-Lich. 16739). **12**, on *Juniperus phoenicea* — 4.IV.2008, *VJR* (MAF-Lich. 16338, as *Ramalina calicaris*), on *Pinus halepensis* — 28.II.2009, *VJR* (MAF-Lich. 16383, as *R. calicaris*).

PREVIOUS REPORT — EIVISSA: on *Pinus halepensis* — Klement (1965, as *Ramalina calicaris*).

**\**Ramalina hui* Harm.**

SPECIMENS EXAMINED — EIVISSA: **3**, on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4419), *RA, ES & EA* (MACB 98894, 98895; TLC: divaricatic and usnic acids), *VA* (VAL\_Lich. 27802), on *Rosmarinus officinalis* — 9.IX.2008, *RA, ES & EA* (MACB 98923). **4**, on

*Ceratonia siliqua* — 9.IX.2008, *IPV* (TFC-Lich. 7266), *VA* (VAL\_Lich. 27803), on *Olea europaea* — 9.IX.2008, *RA, ES & EA* (MACB 98890; TLC: divaricatic and usnic acids), on *Prunus dulcis* — 9.IX.2008, *MELDS* (SANT-Lich. 11379), *RA, ES & EA* (MACB 98881, 98884; TLC: divaricatic and usnic acids). **ES VEDRÀ: 10**, on *Pistacia lentiscus* — 11.IX.2008, *RA, ES & EA* (MACB 98760; TLC: divaricatic and usnic acids). **SA CONILLERA: 8**, on *Juniperus phoenicea* — 11.IX.2008, *RA, ES & EA* (MACB 98632, 98633, 98639; TLC: divaricatic and usnic acids).

**\**Ramalina implectens* Nyl.**

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *BM* (SALA-Lich. 4386). **3**, on *Pinus halepensis* — 9.IX.2008, *RA, ES & EA* (MACB 98911, 98912; TLC: norstictic, salacinic and usnic acids), *VA* (VAL\_Lich. 27804). **11**, on *P. halepensis* — 11.IX.2008, *RA, ES & EA* (MACB 98585, 98586, 98587, 98589; TLC chemotype 1: norstictic, connorstictic and usnic acids, chemotype 2: norstictic, salacinic and usnic acids (98585), TLC: norstictic, connorstictic and usnic acids (98586), TLC: norstictic, salacinic (traces) and usnic acids (98587), TLC: norstictic, salacinic and usnic acids (98589)), *VA* (VAL\_Lich. 27805). **12**, on *J. phoenicea* — 12.IX.2008, *RA, ES & EA* (MACB 98772; TLC: norstictic, salacinic and usnic acids), on *P. halepensis* — 12.IX.2008, *RA, ES & EA* (MACB 98852, 98853, 98854), on *Rosmarinus officinalis* — 12.IX.2008, *BM* (SALA-Lich.4453), *RA, ES & EA* (MACB 98786). **SA CONILLERA: 8**, on *J. phoenicea* — 11.IX.2008, *RA, ES & EA* (MACB 98635; TLC: norstictic, salacinic and usnic acids).

***Ramalina inflata* subsp. *australis* G. N. Stevens**

SPECIMENS EXAMINED — **EIVISSA: 2**, on *Arthrocnemum* sp. — 9.IX.2008, *RA, ES & EA* (MACB 98505), on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4389), *IPV* (TFC-Lich. 7175), *RA, ES & EA* (MACB 98502). **3**, on *Juniperus phoenicea* — 9.IX.2008, *RA, ES & EA* (MACB 98926), *RPB* (MACB 99385), on *P. halepensis* — 9.IX.2008, *RA, ES & EA* (MACB 98914), on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16530). **4**, on *Ceratonia siliqua* — 9.IX.2008, *VA* (VAL\_Lich. 27808). **11**, on *Cistus albidus* — 11.IX.2008, *RA, ES & EA* (MACB 98605), on *Olea europaea* — 11.IX.2008, *RA, ES & EA* (MACB 98603), on *P. halepensis* — 2.IV.2008, *VA* (VAL\_Lich. 27810), on *P. halepensis* — 11.IX.2008, *RA, ES & EA* (MACB 98594, 98595, 98596), on *P. lentiscus* — 11.IX.2008, *RA, ES & EA* (MACB 98599), on *Quercus coccifera* — 11.IX.2008, *RA, ES & EA* (MACB 98604). **12**, on bark — 12.IX.2008, *AGB* (BCN-Lich. 16856), on *C. albidus* — 12.IX.2008, *ELL* (BCN-Lich. 16642), on *J. phoenicea* — 12.IX.2008, *RA, ES & EA* (MACB 98773), on *P. halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27811, 27812), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16636, 16672), *IPV* (TFC-Lich. 7207, 7172), *NH & GF* (BCN-Lich. 16813), *RA, ES & EA* (MACB 98850), *RPB* (MACB 99379), on *P. lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16645, 16646, 16665, 16668), *RA, ES & EA* (MACB 98787). **ES VEDRÀ: 10**, on *P. lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27809). **FORMENTERA: 6**, on *J. phoenicea* — 10.IX.2008, *RA, ES & EA* (MACB 98816). **SA CONILLERA: 8**, on *J. phoenicea* — 11.IX.2008, *RA, ES & EA* (MACB 98643).

PREVIOUS REPORT — **EIVISSA:** on *Pinus halepensis* — Arroyo (1993, as *Ramalina pusilla*).

***Ramalina lacera* (With.) J. R. Laundon**

SPECIMENS EXAMINED — **EIVISSA: 1**, on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16869), *IPV* (TFC-Lich. 7278), *NH & GF* (BCN-Lich. 16694, 16700), *RA, ES & EA* (MACB 98524, 98525; TLC: bourgeanic and usnic acids), on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4430), on *Pistacia lentiscus* — 9.IX.2008, *RA, ES & EA* (MACB 98549), on *Rosmarinus officinalis* — 9.IX.2008, *MELDS* (SANT-Lich. 11380). **2**, on *P. halepensis* — 9.IX.2008, *BM* (SALA-Lich.4439), *RA, ES & EA* (MACB 98503). **3**, on *P. halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4302), *RA, ES & EA* (MACB 98916). **4**, on *Ceratonia siliqua* — 9.IX.2008, *VA* (VAL\_Lich. 27806), on *Olea europaea* — 9.IX.2008, *RA, ES & EA* (MACB 98889), on *Prunus dulcis* — 9.IX.2008, *RA, ES & EA* (MACB 98877). **11**, on *Cistus albidus* — 11.IX.2008, *ELL* (BCN-Lich. 16617), *P. halepensis* — 11.IX.2008, *RA, ES & EA* (MACB 98591, 98592, 98593). **12**, on *C. albidus* — 12.IX.2008, *RA, ES & EA* (MACB 98782), on *J. phoenicea* — 12.IX.2008, *RA, ES & EA* (MACB 98774), on *P. halepensis* — 12.IX.2008, *RA, ES & EA* (MACB 98849), on *R. officinalis* — 12.IX.2008, *NH & GF* (BCN-Lich. 16796). **ES VEDRÀ: 10**, on *P. lentiscus* — 11.IX.2008, *RA, ES & EA* (MACB 98761; TLC: bourgeanic, usnic acids and SD (2,2,1) grey), *VA* (VAL\_Lich. 27807), on limestone — 11.IX.2008, *RA, ES & EA* (MACB 98762). **FORMENTERA: 6**, on *Erica multiflora* — 10.IX.2008, *RA, ES & EA* (MACB 98818, 98819), on *Juniperus oxycedrus* — 10.IX.2008, *RA, ES & EA* (MACB 98817), on *P. halepensis* — 10.IX.2008, *RA, ES & EA* (MACB 98815), on *P. lentiscus* — 10.IX.2008, *RA, ES & EA* (MACB 98820). **SA CONILLERA: 8**, on *J. phoenicea* — 11.IX.2008, *IPV* (TFC-Lich. 7222), *RA, ES & EA* (MACB 98640, 98641, 98642).

PREVIOUS REPORTS — **EIVISSA:** on *Pinus halepensis* — Klement (1965, as *Ramalina evernioides*), Arroyo (1993, as *Ramalina duriaei*).

**FORMENTERA:** — Knoche (1921, as *R. evernioides*), on *P. halepensis* — Klement (1965, as *R. evernioides*), Arroyo (1993, as *R. duriaei*).

**\*\**Ramalina lusitanica* H. Magn.**

SPECIMENS EXAMINED — **EIVISSA: 3**, on *Pinus halepensis* — 9.IX.2008, *RA, ES & EA* (MACB 98902; TLC: divaricatic and usnic acids). **4**, on *Olea europaea* — 9.IX.2008, *RA, ES & EA* (MACB 98883; TLC: divaricatic and usnic acids), on *Prunus dulcis* — 9.IX.2008, *ELL* (BCN-Lich. 16540), *RA, ES & EA* (MACB 98879; TLC: divaricatic and usnic acids). **FORMENTERA: 6**, on *P. halepensis* — 10.IX.2008, *ELL* (BCN-Lich. 16547). **SA CONILLERA: 8**, on *Juniperus phoenicea* — 11.IX.2008, *RA, ES & EA* (MACB 98636, 98637, 98638; TLC (98638): divaricatic and usnic acids).

**\**Ramalina subgeniculata* Nyl.**

SPECIMENS EXAMINED — **EIVISSA: 11**, on *Pinus halepensis* — 11.IX.2008, *RA, ES & EA* (MACB 98590; TLC: divaricatic and usnic acids), on *Pistacia lentiscus* — 11.IX.2008, *RA, ES & EA* (MACB 98598; TLC: divaricatic and usnic acids). **12**, on *Erica multiflora* — 12.IX.2008, *RA, ES & EA* (MACB 98873).

***Ramalina subpusilla* (Nyl.) Krog & Swinscow**

PREVIOUS REPORT — EIVISSA: on bark — Arroyo (1993).

**\*\**Rinodina anomala* (Zahlbr.) H. Mayrhofer & Giralt**SPECIMENS EXAMINED — EIVISSA: **12**, on *Pinus halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16634, 16635). SA CONILLERA: **8**, on *Juniperus phoenicea* — 2.IV.2008, *VA* (VAL\_Lich. 27813).**\**Rinodina capensis* Hampe**SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *NH & GF* (BCN-Lich. 16705). FORMENTERA: **6**, on *Pinus halepensis* — 10.IX.2008, *IPV* (TFC-Lich. 7258).***Rinodina dubyana* (Hepp) J. Steiner**

PREVIOUS REPORTS — EIVISSA: on limestones — Mayrhofer &amp; Poelt (1979), Mayrhofer (1984), Giralt (2010).

**\**Rinodina exigua* (Ach.) Gray**SPECIMENS EXAMINED — EIVISSA: **12**, on *Pistacia lentiscus* — 12.IX.2008, *IPV* (TFC-Lich. 7216). **17**, on *Juniperus phoenicea* — 16.IX.2005, *ELL* (BCN-Lich. 14916).**\*\**Rinodina griseosoralifera* Coppins**SPECIMEN EXAMINED — EIVISSA: **11**, on *Pinus halepensis* — 11.IX.2008, *AGB* (BCN-Lich. 16904).**\**Rinodina nimisii* Giralt & H. Mayrhofer**SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *NH & GF* (BCN-Lich. 16709). FORMENTERA: **6**, on *J. phoenicea* — 10.IX.2008, *NH & GF* (BCN-Lich. 16743, 16745).***Rinodina pruinella* Bagl.**SPECIMENS EXAMINED — EIVISSA: **1**, on *Juniperus phoenicea* — 9.IX.2008, *AGB* (BCN-Lich. 16911), *ELL* (BCN-Lich. 16483, 16491, 16496, 16503), *NH & GF* (BCN-Lich. 16687, 16703, 16709, 16740), on *Pinus halepensis* — 9.IX.2008, *AGB* (BCN-Lich. 16827), on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16523), on *Rosmarinus officinalis* — 9.IX.2008, *ELL* (BCN-Lich. 16495). **3**, on *Cneorum tricoccon* — 9.IX.2008, *ELL* (BCN-Lich. 16532). **11**, on *Quercus coccifera* — 11.IX.2008, *AGB* (BCN-Lich. 16873, 16887). **12**, on *P. lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16669, 16670). FORMENTERA: **6**, on *Erica multiflora* — 10.IX.2008, *ELL* (BCN-Lich. 16551, 16552), on *J. phoenicea* — 10.IX.2008, *ELL* (BCN-Lich. 16550, 16558, 16559), *IPV* (TFC-Lich. 7261), on *P. halepensis* — 10.IX.2008, *ELL* (BCN-Lich. 16547, 16560), on *P. lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16553, 16554, 16561).

PREVIOUS REPORTS — FORMENTERA: corticolous — Giralt &amp; Mayrhofer (1994), Giralt (2010).

***Rinodina roboris* (Dufour ex Nyl.) Arnold**SPECIMENS EXAMINED — FORMENTERA: **6**, on *Pinus halepensis* — 10.IX.2008, *MELDS* (SANT-Lich. 11381). **7**, on palm tree — 10.IX.2008, *BM* (SALA-Lich. 4372).PREVIOUS REPORT — FORMENTERA: on *Cupressus* sp. and *Juniperus* sp. — Klement (1965).***Roccella phycopsis* Ach.**SPECIMENS EXAMINED — EIVISSA: **1**, on bark — 9.IX.2008, *ARB* (MACB 99664), on *Juniperus phoenicea* — 9.IX.2008, *IPV* (TFC-Lich. 7276, 7227), *NH & GF* (BCN-Lich. 16684, 16708), *RPB* (MACB 99397), *VA* (VAL\_Lich. 27814), on *Pinus halepensis* — 9.IX.2008, *RA, ES & EA* (MACB 98553), on *Rosmarinus officinalis* — 9.IX.2008, *RA, ES & EA* (MACB 98550). **3**, on limestone — 9.IX.2008, *RA, ES & EA* (MACB 98928), on *P. halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16526), on *R. officinalis* — 9.IX.2008, *RA, ES & EA* (MACB 98925). **4**, on *Olea europaea* — 9.IX.2008, *RA, ES & EA* (MACB 98891). **12**, on *P. halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27818), on *P. halepensis* — 12.IX.2008, *NH & GF* (BCN-Lich. 16808), *RA, ES & EA* (MACB 98856). **13**, on *J. phoenicea* — 2.IV.2008, *VA* (VAL\_Lich. 27819). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *AGB* (BCN-Lich. 16847, 16905), *RA, ES & EA* (MACB 98768, 98769, 98770), *VA* (VAL\_Lich. 27817), *VJR* (MAF-Lich. 16345, 16358), on *P. lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27816). FORMENTERA: **5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16568, 16569, 16574), *IPV* (TFC-Lich. 7185, 7186), *MELDS* (SANT-Lich. 11383), *NH & GF* (BCN-Lich. 16761, 16764), *VA* (VAL\_Lich. 27815), on bark — 10.IX.2008, *ARB* (MACB 99657), *BM* (SALA-Lich. 4357), on *Thymelaea hirsuta* — 10.IX.2008, *ELL* (BCN-Lich. 16563). **6**, on limestone — 10.IX.2008, *ARB* (MACB 99656), on *J. phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16831), *ELL* (BCN-Lich. 16549), *MELDS* (SANT-Lich. 11382), on *P. halepensis* — 10.IX.2008, *RA, ES & EA* (MACB 98813). SA CONILLERA: **8**, on bark — 11.IX.2008, *ARB* (MACB 99665), on limestone — 11.IX.2008, *IPV* (TFC-Lich. 7226, 7184), on *J. phoenicea* — 2.IV.2008, *VA* (VAL\_Lich. 27820), on *J. phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16584), *RA, ES & EA* (MACB 98648). **9**, on *J. phoenicea* — 11.IX.2008, *BM* (SALA-Lich. 4411).PREVIOUS REPORTS — EIVISSA: on limestone — Klement (1965, as *Roccella fucoides*). FORMENTERA: on limestone — Klement (1965, as *R. fucoides*), TAGOMAGO: on limestone — Klement (1965, as *R. fucoides*).***Sarcogyne regularis* Körb.**SPECIMENS EXAMINED — FORMENTERA: **5**, cliffs and overhangs — 10.IX.2008, *BM* (SALA-Lich. 4462). SA CONILLERA: **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4445).PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Sarcogyne pruinosa* var *decipiens* and *S. pruinosa* f. *intermedia*).

***Schismatomma dirinellum* (Nyl.) Zahlbr.**

SPECIMENS EXAMINED — EIVISSA: **1**, on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4434; 4395, as *Schismatomma picconianum*). **3**, on *P. halepensis* — 9.IX.2008, *RPB* (MACB 99389). **4**, on *P. halepensis* — 9.IX.2008, *AGB* (BCN-Lich. 16867). **18**, on *P. halepensis* — 16.IX.2005, *ELL* (BCN-Lich. 14919, 14921, as *S. picconianum*).

PREVIOUS REPORTS — EIVISSA: on *Dirina ceratoniae* on *Ceratonia siliqua*, and on *Ficus* sp. and *Pinus halepensis* — Klement (1965, as *Schismatomma picconiana* and *Bacidia balearica*; cf. Llop 2007).

**\**Schismatomma graphidioides* (Leight.) Zahlbr.**

SPECIMENS EXAMINED — EIVISSA: **3**, on *Pinus halepensis* — 9.IX.2008, *RA*, *ES* & *EA* (MACB 98921, 98922). FORMENTERA: **6**, on *Juniperus phoenicea* — 10.IX.2008, *MELDS* (SANT-Lich. 11385).

***Seirophora villosa* (Ach.) Frödén**

SPECIMENS EXAMINED — EIVISSA: **1**, on bark — 9.IX.2008, *ARB* (MACB 99669, as *T. villosus*), on *Juniperus phoenicea* — 9.IX.2008, *BM* (SALA-Lich. 4385, as *T. villosus*), *ELL* (BCN-Lich. 16491, 16496, as *T. villosus*), *IPV* (TFC-Lich. 7282, 7275, as *T. villosus*), *MELDS* (SANT-Lich. 11387, as *Teloschistes villosus*), *NH* & *GF* (BCN-Lich. 16692, 16702, as *T. villosus*), *RA*, *ES* & *EA* (MACB 98544, 98545, as *T. villosus*), *RPB* (MACB 99354, as *T. villosus*), *VA* (VAL\_Lich. 27827, as *T. villosus*). FORMENTERA: **6**, on bark — 10.IX.2008, *ARB* (MACB 99659, as *T. villosus*), on *J. phoenicea* — 10.IX.2008, *RA*, *ES* & *EA* (MACB 98822, as *T. villosus*), *XLL* (BCN-Lich. 18434, as *T. villosus*), on *Pinus halepensis* — 10.IX.2008, *ELL* (BCN-Lich. 16560, as *T. villosus*), on *Pistacia lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16553, as *T. villosus*).

PREVIOUS REPORTS — EIVISSA: on *Juniperus phoenicea* — Salvà & Barreno (2009). FORMENTERA: on *J. phoenicea* — Mus & Fiol (1990, as *Teloschistes villosus*), Salvà & Barreno (2009).

**\**Solenospora candicans* (Dicks.) J. Steiner**

SPECIMENS EXAMINED — EIVISSA: **3**, on limestone — 9.IX.2008, *XLL* (BCN-Lich. 18424). **12**, on limestone — 12.IX.2008, *XLL* (BCN-Lich. 18454).

**\**Solenospora cesatii* (A. Massal.) Zahlbr.**

SPECIMENS EXAMINED — EIVISSA: **3**, on limestone — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16729), *XLL* (BCN-Lich. 18424), on soil — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16727, 16733). **12**, on limestone — 12.IX.2008, *BM* (SALA-Lich. 4425), *XLL* (BCN-Lich. 18443).

**\**Solenospora olivacea* (Dufour) H. Kiliás**

SPECIMENS EXAMINED — EIVISSA: **3**, on limestone — 9.IX.2008, *NH* & *GF* (BCN-Lich. 16734). **12**, on limestone — 12.IX.2008, *AGB* (BCN-Lich. 16870).

***Squamarina cartilaginea* (With.) P. James**

SPECIMENS EXAMINED — EIVISSA: **1**, on marl — 9.IX.2008, *AGB* (BCN-Lich. 16868), on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16501). **11**, on soil — 11.IX.2008, *ELL* (BCN-Lich. 16627), *RA*, *ES* & *EA* (MACB 98606, 98607), *RPB* (MACB 99380). **12**, on limestone — 12.IX.2008, *NH* & *GF* (BCN-Lich. 16818), on soil — 12.IX.2008, *ARB* (MACB 99667), *ELL* (BCN-Lich. 16675), *IPV* (TFC-Lich. 7204), *MELDS* (SANT-Lich. 11386), *RA*, *ES* & *EA* (MACB 98794). FORMENTERA: **6**, on limestone — 10.IX.2008, *ARB* (MACB 99658), on soil — 10.IX.2008, *AGB* (BCN-Lich. 16857), *RA*, *ES* & *EA* (MACB 98833, 98834, 98835). SA CONILLERA: **8**, on soil — 11.IX.2008, *ELL* (BCN-Lich. 16603), *RA*, *ES* & *EA* (MACB 98621, 98622), on limestone — 11.IX.2008, *RA*, *ES* & *EA* (MACB 98616).

PREVIOUS REPORTS — EIVISSA: — Pau (1899, as *Squamaria crassa*), on rocks — Knoche (1921, as *Squamaria crassa*), on *Eurhynchium* sp. — Klement (1965, as *Squamarina crassa*). FORMENTERA: — Pau (1899, as *Squamaria crassa*), on soil — Klement (1965, as *Squamarina crassa*). TAGOMAGO: on soil — Klement (1965, as *Squamarina crassa*).

**\*\**Squamarina concrescens* (Müll. Arg.) Poelt**

SPECIMEN EXAMINED — SA CONILLERA: **8**, on soil — 11.IX.2008, *NH* & *GF* (BCN-Lich. 16773).

**\**Squamarina gypsacea* (Sm.) Poelt**

SPECIMEN EXAMINED — EIVISSA: **12**, on limestone — 12.IX.2008, *XLL* (BCN-Lich. 18449).

***Squamarina lentigera* (Weber) Poelt**

SPECIMENS EXAMINED — EIVISSA: **1**, on soil — 9.IX.2008, *IPV* (TFC-Lich. 7272), *RA*, *ES* & *EA* (MACB 98510), *RPB* (MACB 99396), *VA* (VAL\_Lich. 27823), *VJR* (MAF-Lich. 16377). **11**, on soil — 11.IX.2008, *IPV* (TFC-Lich. 7244). **13**, on soil — 2.IV.2008, *VA* (VAL\_Lich. 27825). FORMENTERA: **5**, on soil — 10.IX.2008, *BM* (SALA-Lich. 4387). **6**, on soil — 10.IX.2008, *RA*, *ES* & *EA* (MACB 98831). SA CONILLERA: **8**, on soil — 2.IV.2008, *VA* (VAL\_Lich. 27824).

PREVIOUS REPORTS — EIVISSA: — Pau (1899, as *Squamaria lentigera*), on rocks — Knoche (1921, as *S. lentigera*), on soil — Klement (1965). FORMENTERA: on soil — Klement (1965). TAGOMAGO: on soil — Klement (1965).

**\**Squamarina oleosa* (Zahlbr.) Poelt**

SPECIMEN EXAMINED — EIVISSA: **12**, on limestone — 12.IX.2008, *XLL* (BCN-Lich. 18450).

***Squamarina periculosa* (Dufour ex Scaher.) Poelt**

SPECIMEN EXAMINED — EIVISSA: **12**, on limestone — 12.IX.2008, *XLL* (BCN-Lich. 18446).

PREVIOUS REPORTS — **EIVISSA**: on limestone — Klement (1965). **FORMENTERA**: on limestone — Mus & Fiol (1990).

**\*Squamarina stella-petraea** Poelt

SPECIMEN EXAMINED — **FORMENTERA**: 5, on soil — 10.IX.2008, *ELL* (BCN-Lich.16566).

**Syncesia myrticola** (Fée) Tehler

SPECIMENS EXAMINED — **FORMENTERA**: 6, on *Juniperus phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16824, 16863).

PREVIOUS REPORT — **FORMENTERA**: on *Juniperus phoenicea* — Mus & Tehler (1990, as *Chiodecton myrticola*).

**\*\*≠Syzygospora bachmannii** Diederich & M. S. Christ.

SPECIMEN EXAMINED — **EIVISSA**: 12, on *Cladonia rangiformis* — 12.IX.2008, *AGB* (BCN-Lich. 16912).

**\*\*\*≠Taeniolina scripta** (P. Karsten) P. M. Kirk

SPECIMEN EXAMINED — **EIVISSA**: 4, on *Agonimia allobata* on *Ceratonia siliqua* — 9.IX.2008, *VA* (VAL\_Lich. 27826).

**\*Tephromela atra** var. **torulosa** (Flörke ex Flot.) Hafellner

SPECIMENS EXAMINED — **EIVISSA**: 1, on bark — 9.IX.2008, *ARB* (MACB 99668), on *Juniperus phoenicea* — 9.IX.2008, *IPV* (TFC-Lich. 7283), *MELDS* (SANT-Lich. 11388). 11, on *J. phoenicea* — 11.IX.2008, *IPV* (TFC-Lich. 7248), on *Pinus halepensis* — 11.IX.2008, *AGB* (BCN-Lich. 16876). **FORMENTERA**: 6, on *J. phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16879), *ELL* (BCN-Lich. 16549). **SA CONILLERA**: 8, on *P. halepensis* — 11.IX.2008, *IPV* (TFC-Lich. 7223).

**\*Thelenella modesta** (Nyl.) Nyl.

SPECIMENS EXAMINED — **EIVISSA**: 1, on *Pinus halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4431). 2, on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16524). 3, on *P. halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16536). 12, on *P. lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16664, 16665, 16670, 16673).

**\*\*Thelidium pyrenophorum** (Ach.) Körb.

SPECIMEN EXAMINED — **EIVISSA**: 3, — 9.IX.2008, *BM* (SALA-Lich. 4306).

**\*Thelopsis isiaca** Stizenb.

SPECIMENS EXAMINED — **EIVISSA**: 1, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16718), on marl — 9.IX.2008, *VJR* (MAF-Lich. 16365), on *Juniperus phoenicea* — 9.IX.2008, *ELL* (BCN-Lich. 16503), *VJR* (MAF-Lich. 16361), on *Limonium* sp. — 9.IX.2008, *ELL* (BCN-Lich. 16493). 2, on bark — 9.IX.2008, *BM* (SALA-Lich. 4441), on *Arthrocnemum* sp. — 9.IX.2008, *ELL* (BCN-Lich. 16509, 16511, 16512), *VA* (VAL\_Lich. 27828), *XLL* (BCN-Lich. 18420), on *Pinus halepensis* — 9.IX.2008, *ELL* (BCN-Lich. 16520, 16521), *IPV* (TFC-Lich. 7176, 7179), *NH & GF* (BCN-Lich. 16752), on *Salicornia* sp. — 9.IX.2008, *MELDS* (SANT-Lich. 11389). **ES VEDRÀ**: 10, on *Pistacia lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27830). **FORMENTERA**: 5, on *Thymelaea hirsuta* — 10.IX.2008, *ELL* (BCN-Lich. 16563). 6, on limestone — 10.IX.2008, *ARB* (MACB 99660), on *J. phoenicea* — 10.IX.2008, *AGB* (BCN-Lich. 16881), *ELL* (BCN-Lich. 16558, 16559). **SA CONILLERA**: 8, on *J. phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16584, 16587, 16589), *VA* (VAL\_Lich. 27829).

**\*Toninia albilabra** (Dufour) H. Olivier

SPECIMENS EXAMINED — **EIVISSA**: 1, on soil — 9.IX.2008, *XLL* (BCN-Lich. 18413). 12, on soil — 12.IX.2008, *MELDS* (SANT-Lich. 11390).

**Toninia aromatica** (Turner) A. Massal.

SPECIMENS EXAMINED — **EIVISSA**: 1, on soil — 9.IX.2008, *ELL* (BCN-Lich. 16499), *NH & GF* (BCN-Lich. 16679). 2, on soil — 9.IX.2008, *AGB* (BCN-Lich. 16850), *BM* (SALA-Lich. 4440), *ELL* (BCN-Lich. 16517), *RA, ES & EA* (MACB 98507, 98515, 98521), *VA* (VAL\_Lich. 27831), *XLL* (BCN-Lich. 18419). 3, on limestone — 9.IX.2008, *BM* (SALA-Lich. 4311). 4, on a wall — 9.IX.2008, *MELDS* (SANT-Lich. 11392). 11, on soil — 11.IX.2008, *ELL* (BCN-Lich. 16627). **FORMENTERA**: 5, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4381), on soil — 10.IX.2008, *ELL* (BCN-Lich. 16565, 16567).

PREVIOUS REPORTS — **EIVISSA**: on soil — Klement (1965). **FORMENTERA**: on soil — Klement (1965). **TAGOMAGO**: on soil — Klement (1965).

**\*Toninia athallina** (Hepp) Timdal

SPECIMEN EXAMINED — **EIVISSA**: 1, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16722).

**\*Toninia sedifolia** (Scop.) Timdal

SPECIMENS EXAMINED — **EIVISSA**: 1, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16487, 16488). 3, on soil — 9.IX.2008, *NH & GF* (BCN-Lich. 16731, as *Toninia caeruleonigricans*). 12, on soil — 12.IX.2008, *RPB* (MACB 99383). **SA CONILLERA**: 8, on soil — 11.IX.2008, *ARB* (MACB 99670), *ELL* (BCN-Lich. 16601, 16604), *RA, ES & EA* (MACB 98655, 98656), *RPB* (MACB 99403).

**\*Toninia tristis** (Th. Fr.) Th. Fr.

SPECIMENS EXAMINED — **EIVISSA**: 3, on limestone — 9.IX.2008, *BM* (SALA-Lich. 4309, as *Catillaria subnitida*). 12, on soil — 12.IX.2008, *MELDS* (SANT-Lich. 11394).

**\*Toninia tumidula** (Sm.) Zahlbr.

SPECIMENS EXAMINED — **EIVISSA**: 2, on limestone — 9.IX.2008, *BM* (SALA-Lich. 4436). 12, on limestone — 12.IX.2008, *XLL* (BCN-Lich. 18455).

***Tornabea scutellifera* (With.) J. R. Laundon**

SPECIMENS EXAMINED — **EIVISSA: 12**, on bark — 12.IX.2008, *ARB* (MACB 99671), on *Cistus albidus* — 12.IX.2008, *NH & GF* (BCN-Lich. 16791), on *Juniperus oxycedrus* — 12.IX.2008, *AGB* (BCN-Lich. 16862), on *Juniperus phoenicea* — 4.IV.2008, *VA* (VAL\_Lich. 27832), *VJR* (MAF-Lich. 16331), on *J. phoenicea* — 12.IX.2008, *RA, ES & EA* (MACB 98776, 98777, 98785, 98788), *VJR* (MAF-Lich. 16312), on *Pinus halepensis* — 12.IX.2008, *RA, ES & EA* (MACB 98863, 98864), on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16670), *IPV* (TFC-Lich. 7213), *MELDS* (SANT-Lich. 11395), *RPB* (MACB 99351), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16640, 16656, 16657), *NH & GF* (BCN-Lich. 16804), *RA, ES & EA* (MACB 98784).

PREVIOUS REPORT — **FORMENTERA:** on *Erica multiflora* and *Micromeria inodora* — Mus & Fiol (1990, as *Tornabea atlantica*).

**\*\**Usnea esperantiana* P. Clerc**

SPECIMENS EXAMINED — **EIVISSA: 12**, on *Pinus halepensis* — 12.IX.2008, *RA, ES & EA* (MACB 98845, 98846; TLC: salacinic, constictic and usnic acids), *RPB* (MACB 99395).

**\**Usnea flammea* Stirt.**

SPECIMEN EXAMINED — **EIVISSA: 12**, on *Pinus halepensis* — 12.IX.2008, *RA, ES & EA* (MACB 98847; TLC, chemotype 1: norstictic acid; chemotype 2: stictic complex and usnic acids; chemotype 3: salacinic, constictic and usnic acids).

**\**Usnea fragilesceus* Hav. ex Lynge**

SPECIMEN EXAMINED — **EIVISSA: 12**, on *Pinus halepensis* — 12.IX.2008, *RA, ES & EA* (MACB 98848).

**\*\**Usnea rubicunda* Stirt.**

SPECIMENS EXAMINED — **EIVISSA: 12**, on *Pinus halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27833), on *P. halepensis* — 12.IX.2008, *NH & GF* (BCN-Lich. 16788).

***Verrucaria muralis* Ach.**

SPECIMENS EXAMINED — **EIVISSA: 1**, on marl — 9.IX.2008, *ELL* (BCN-Lich. 16505, 16506, 16507, 16508). **3**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16535). **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16542, 16545, 16546).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Klement (1965, as *Verrucaria rupestris*). **FORMENTERA:** on limestone — Maheu & Gillet (1922, as *Polyblastia forana*, cf. Klement (1965)).

***Verrucaria nigrescens* Pers.**

SPECIMENS EXAMINED — **EIVISSA: 3**, on limestone — 9.IX.2008, *NH & GF* (BCN-Lich. 16730). **4**, on limestone — 9.IX.2008, *ELL* (BCN-Lich. 16542, 16545, 16546). **12**, on limestone — 12.IX.2008, *AGB* (BCN-Lich. 16840), *ELL* (BCN-Lich. 16649, 16650), *VJR* (MAF-Lich. 16313).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Klement (1965). **FORMENTERA:** on limestone — Klement (1965). **TAGOMAGO:** on limestone — Klement (1965).

**\**Verruculopsis flavescens* Gueidan, Nav.-Ros. & Cl. Roux**

SPECIMEN EXAMINED — **FORMENTERA: 5**, on *Caloplaca flavescens* — 10.IX.2008, *NH & GF* (BCN-Lich. 16766).

**\**Vouauxiella verrucosa* (Vouaux) Petr. & Syd.**

SPECIMEN EXAMINED — **EIVISSA: 4**, on *Lecanora* sp. on *Ceratonia siliqua* — 9.IX.2008, *VA* (VAL\_Lich. 27834).

**\**Vouauxiomyces ramalinae* (Nordin) D. Hawksw.**

SPECIMENS EXAMINED — **EIVISSA: 3**, on *Ramalina huei* on *Pinus halepensis* — 9.IX.2008, *VA* (VAL\_Lich. 27837). **11**, on *Ramalina* sp. on *P. halepensis* — 2.IV.2008, *VA* (VAL\_Lich. 27836). **ES VEDRÀ: 10**, on *Xanthoria parietina* on *Pistacia lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27835).

**\**Waynea stoechadiana* (Abassi & Cl. Roux) Cl. Roux & P. Clerc**

SPECIMEN EXAMINED — **EIVISSA: 4**, on *Olea europaea* — 9.IX.2008, *ELL* (BCN-Lich. 16541).

***Xanthoria aureola* (Ach.) Erichsen**

SPECIMENS EXAMINED — **EIVISSA: 12**, on limestone — 12.IX.2008, *NH & GF* (BCN-Lich. 16820). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *AGB* (BCN-Lich. 16928), *VJR* (MAF-Lich. 16344). **FORMENTERA: 5**, on limestone — 10.IX.2008, *NH & GF* (BCN-Lich. 16760, sub *Xanthoria ectaneoides*).

PREVIOUS REPORTS — **EIVISSA:** on limestone — Klement (1965). **FORMENTERA:** on limestone — Klement (1965). **TAGOMAGO:** on limestone — Klement (1965).

**\**Xanthoria calcicola* Oxner**

SPECIMENS EXAMINED — **EIVISSA: 4**, on limestone — 9.IX.2008, *IPV* (TFC-Lich. 7267). **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *RA, ES & EA* (MACB 98771). **FORMENTERA: 5**, on limestone — 10.IX.2008, *BM* (SALA-Lich. 4379), *RPB* (MACB 99410). **SA CONILLERA: 8**, on limestone — 11.IX.2008, *IPV* (TFC-Lich. 7229), *RA, ES & EA* (MACB 98663, 98664), on rocks — 11.IX.2008, *ARB* (MACB 99672). **9**, on limestone — 11.IX.2008, *BM* (SALA-Lich. 4367).

**\*\**Xanthoria mediterranea* Giralt, Nimis & Poelt**

SPECIMENS EXAMINED — **ES VEDRÀ: 10**, on limestone — 11.IX.2008, *VA* (VAL\_Lich. 27838). **FORMENTERA: 5**, on limestone — 10.IX.2008, *ELL* (BCN-Lich. 16573).

***Xanthoria parietina* (L.) Th. Fr.**

SPECIMENS EXAMINED — **EIVISSA:** **1**, on *Juniperus phoenicea* — 9.IX.2008, *NH & GF* (BCN-Lich. 16704, 16721), on *Opuntia ficus-indica* — 9.IX.2008, *VA* (VAL\_Lich. 27839). **2**, on *Arthrocnemum* sp. — 9.IX.2008, *ELL* (BCN-Lich. 16509, 16510, 16520), on *Pinus halepensis* — 9.IX.2008, *IPV* (TFC-Lich. 7178, 7173), *NH & GF* (BCN-Lich. 16753). **3**, on *Cneorum tricoccon* — 9.IX.2008, *ELL* (BCN-Lich. 16532, 16533), on *Ficus carica* — 9.IX.2008, *RA, ES & EA* (MACB 98927), on *J. phoenicea* — 9.IX.2008, *IPV* (TFC-Lich. 7190), on *P. halepensis* — 9.IX.2008, *BM* (SALA-Lich. 4399), *ELL* (BCN-Lich. 16536). on *Pistacia lentiscus* — 9.IX.2008, *ELL* (BCN-Lich. 16530, 16531). **4**, on *Ceratonia siliqua* — 9.IX.2008, *IPV* (TFC-Lich. 7268), on *O. ficus-indica* — 9.IX.2008, *BM* (SALA-Lich. 4423), on *Prunus dulcis* — 9.IX.2008, *ELL* (BCN-Lich. 16540), *RA, ES & EA* (MACB 98887). **11**, on *Cistus albidus* — 11.IX.2008, *ELL* (BCN-Lich. 16617), on *P. halepensis* — 11.IX.2008, *NH & GF* (BCN-Lich. 16780). **12**, on bark — 12.IX.2008, *ARB* (MACB 99673), on *C. albidus* — 12.IX.2008, *NH & GF* (BCN-Lich. 16786), on *P. halepensis* — 4.IV.2008, *VA* (VAL\_Lich. 27841), on *P. halepensis* — 12.IX.2008, *ELL* (BCN-Lich. 16639), on *Pistacia lentiscus* — 12.IX.2008, *ELL* (BCN-Lich. 16668), *IPV* (TFC-Lich. 7217), on *Rosmarinus officinalis* — 12.IX.2008, *ELL* (BCN-Lich. 16640, 16656, 16657, 16659). **13**, on *J. phoenicea* — 2.IV.2008, *VA* (VAL\_Lich. 27842). **18**, on *J. phoenicea* — 16.IX.2005, *ELL* (BCN-Lich. 14917, 14918). **ES VEDRÀ:** **10**, on *P. lentiscus* — 11.IX.2008, *AGB* (BCN-Lich. 16908), *VA* (VAL\_Lich. 27840). **FORMENTERA:** **5**, on limestone — 10.IX.2008, *NH & GF* (BCN-Lich. 16769), on bark — 10.IX.2008, *ARB* (MACB 99661), *MELDS* (SANT-Lich. 11396). **6**, on *P. halepensis* — 10.IX.2008, *ELL* (BCN-Lich. 16547), on *P. lentiscus* — 10.IX.2008, *ELL* (BCN-Lich. 16554). **7**, on palm tree — 10.IX.2008, *BM* (SALA-Lich. 4371). **SA CONILLERA:** **8**, on *J. phoenicea* — 11.IX.2008, *ELL* (BCN-Lich. 16586, 16594), *RA, ES & EA* (MACB 98652, 98653, 98654), *RPB* (MACB 99409).

PREVIOUS REPORTS — **EIVISSA:** — Barcelò & Combis (1881, as *Parmelia parietina*), Knoche (1921), Klement (1965). **FORMENTERA:** on bark — Klement (1965). **SA CONILLERA:** on bark — Klement (1965). **TAGOMAGO:** on bark — Klement (1965).

**\**Xanthoriicola physciae* (Kalchbr.) D. Hawksw.**

SPECIMEN EXAMINED — **ES VEDRÀ:** **10**, on *Xanthoria parietina* on *Pistacia lentiscus* — 11.IX.2008, *VA* (VAL\_Lich. 27844).

**Doubtful Records**

In the following list, 52 doubtful old literature records (44 from Eivissa, 10 from Formentera and 5 from Tagomago) which have not been confirmed are included.

***Acarospora glaucocarpa* (Ach.) Korb.**

PREVIOUS REPORT — **EIVISSA:** on limestone — Klement (1965, as *Acarospora glaucocarpa* f. *depauperata*).

***Acarospora schleicheri* (Ach.) A. Massal.**

PREVIOUS REPORTS — **EIVISSA:** on soil — Klement (1965). **FORMENTERA:** on soil — Klement (1965).

***Acrocordia conoidea* (Fr.) Korb.**

PREVIOUS REPORT — **EIVISSA:** on limestone — Klement (1965, as *Arthopyrenia conoidea*).

**\**Arthonia clemens* (Tul.) Th. Fr.**

PREVIOUS REPORT — **EIVISSA:** on *Lecanora albescens* (as *Aspicilia farinosa*) — Klement (1965, as *Conida clemens*).

***Arthonia dispersa* (Schrad.) Nyl.**

PREVIOUS REPORT — **EIVISSA:** on *Cupressus* sp. — Klement (1965, as *Arthonia cytisi*).

***Arthonia galactites* (DC.) Dufour**

PREVIOUS REPORT — **EIVISSA:** on *Pinus halepensis* and *Ceratonia siliqua* — Klement (1965).

***Arthonia punctiformis* Ach.**

PREVIOUS REPORT — **EIVISSA:** on *Pinus halepensis* — Klement (1965).

***Bacidia bagliettoana* (A. Massal. & De Not.) Jatta**

PREVIOUS REPORT — **EIVISSA:** on *Eurhynchium* sp. — Klement (1965, as *Bacidia muscorum* f. *viridescens*).

***Bacidia incompta* (Borrer ex Hook.) Anzi**

PREVIOUS REPORTS — **EIVISSA:** on *Pinus halepensis* — Klement (1965). **FORMENTERA:** on *Cupressus* sp. — Klement (1965).

***Bacidia rubella* (Hoffm.) A. Massal.**

PREVIOUS REPORTS — **EIVISSA:** on *Pinus halepensis* — Klement (1965, as *Bacidia luteola*). **FORMENTERA:** on *P. halepensis* and *Cupressus* sp. — Klement (1965, as *B. luteola*).

***Bagliettoa baldensis* (A. Massal.) Vězda**

PREVIOUS REPORT — **EIVISSA:** on limestone — Klement (1965, as *Verrucaria baldensis*).

***Bagliettoa cazzae* (Zahlbr.) Vězda & Poelt**

PREVIOUS REPORT — **TAGOMAGO:** on limestone — Klement (1965, as *Protobagliettoa cazzae*).



***Bagliettoa limborioides*** A. Massal.

PREVIOUS REPORTS — EIVISSA: on limestone — Klement (1965, as *Bagliettoa sphinctrina*). TAGOMAGO: on limestone — Klement (1965, as *B. sphinctrina*).

***Biatora tetramera*** (De Not.) Coppins

PREVIOUS REPORT — FORMENTERA: on *Nerium oleander* — Klement (1965, as *Bacidia propinqua*).

***Bilimbia sabuletorum*** (Schreb.) Arnold

PREVIOUS REPORT — EIVISSA: on *Pinus halepensis* — Klement (1965, as *Bacidia obscurata*).

***Caloplaca biatorina*** subsp. ***gyalolechioides*** (Müll. Arg.) Clauzade & Cl. Roux

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Caloplaca biatorina* var. *gyalolechioides*).

***Caloplaca coccinea*** (Müll. Arg.) Poelt

PREVIOUS REPORT — EIVISSA: on limestone — Maheu & Gillet (1921, as *Caloplaca flammea*).

***Caloplaca conversa*** (Kremp.) Jatta

PREVIOUS REPORTS — EIVISSA: on limestone — Maheu & Gillet (1922, as *Blastenia concinerascens*), Klement (1965, as *B. concinerascens*).

***Caloplaca crenularia*** (With.) J. R. Laundon

PREVIOUS REPORT — FORMENTERA: on limestone — Maheu & Gillet (1921, as *Caloplaca festiva*).

***Caloplaca decipiens*** (Arnold) Blomb. & Forssell

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

***Caloplaca haematites*** (Chaub. ex St.-Amans) Zwackh

PREVIOUS REPORT — EIVISSA: on *Pinus* sp. and *Ceratonia siliqua* — Klement (1965).

***Caloplaca vitellinula*** (Nyl.) H. Olivier

PREVIOUS REPORT — FORMENTERA: on limestone — Maheu & Gillet (1921).

***Candelariella reflexa*** (Nyl.) Lettau

PREVIOUS REPORT — EIVISSA: on *Cupressus* sp. — Klement (1965, as *Caloplaca reflexa*).

***Clauzadea chondrodes*** (A. Massal.) Clauzade & Cl. Roux ex Hafellner & Türk

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Protoblastenia chondrodes*).

***Collema cristatum*** var. ***marginale*** (Huds.) Degel.

PREVIOUS REPORTS — EIVISSA: on limestone — Maheu & Gillet (1921, as *Collema multifidum* var. *jacobaeifolium*), Klement (1965).

***Collema multipartitum*** Sm.

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

***Hymenelia prevostii*** (Duby) Kremp.

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Aspicilia prevostii*).

***Lecania cyrtella*** (Ach.) Th. Fr.

PREVIOUS REPORT — EIVISSA: on *Cupressus* sp. — Klement (1965, as *Lecania cyrtellinoides*).

***Lecania erysibe*** (Ach.) Mudd

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

***Lecanora agardhiana*** Ach.

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

***Lecanora helicopsis*** (Wahlenb. ex Ach.) Ach.

PREVIOUS REPORTS — EIVISSA: on limestone — Maheu & Gillet (1922, as *Lecania prosechoides* var. *melacarpoides*). FORMENTERA: on limestone — Maheu & Gillet (1922, as *L. prosechoides* var. *melacarpoides*).

***Lecidella stigmatea*** (Ach.) Hertel & Leuckert

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Lecidea stigmatea* f. *egena* and *Lecidea goniophila*).

***Lepraria neglecta*** (Nyl.) Erichsen

PREVIOUS REPORT — EIVISSA: on *Eurynchium* sp. — Klement (1965, as *Crocynia neglecta*).

***Lobothallia radiosa*** (Hoffm.) Hafellner

PREVIOUS REPORTS — EIVISSA: — Knoche (1921, as *Squamaria circinata*), on limestone — Klement (1965, as *Placodium circinatum*).

***Micarea peliocarpa*** (Anzi) Coppins

PREVIOUS REPORT — EIVISSA: on *Ficus* sp. and *Juniperus* sp. — Klement (1965, as *Bacidia trisepta*).

≠*Mycomicrothelia pachnea* (Körb.) D. Hawksw.

PREVIOUS REPORT — FORMENTERA: on *Pinus halepensis* — Klement (1965, as *Microthelia pachnea*).

*Parabagliettoa dufourii* (DC.) Gueidan & Cl. Roux

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Involucrothele dufourii*).

*Parmelina carporrhizans* (Taylor) Poelt & Vězda

PREVIOUS REPORT — EIVISSA: on bark — Maheu & Gillet (1921, as *Parmelia carporrhizans*).

*Placopyrenium fuscillum* (Turner) Gueidan & Cl. Roux

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Verrucaria fuscilla*).

*Protoblastenia incrustans* (DC.) J. Steiner

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

*Ramalina panizzei* De Not.

PREVIOUS REPORT — EIVISSA: on *Pinus halepensis* — Klement (1965).

*Ramalina sinensis* Jatta

PREVIOUS REPORT — EIVISSA: on *Pinus halepensis* — Klement (1965).

*Rinodina bischoffii* (Hepp) A. Massal.

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

*Rinodina calcarea* (Hepp ex Arnold) Arnold

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

*Rinodina immersa* (Körb.) J. Steiner

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965).

*Roccella fuciformis* (L.) DC

PREVIOUS REPORT — FORMENTERA: on limestone — Mus & Fiol (1990).

*Romularia lurida* (Ach.) Timdal

PREVIOUS REPORTS — EIVISSA: on soil — Maheu & Gillet (1922, as *Psora lurida*), on soil — Klement (1965, as *P. lurida*).

FORMENTERA: on soil — Klement (1965, as *P. lurida*).

*Staurothele caesia* (Arnold) Arnold

PREVIOUS REPORT — TAGOMAGO: on limestone — Klement (1965).

*Staurothele immersa* (A. Massal.) Dalla Torre & Sarnth.

PREVIOUS REPORT — TAGOMAGO: on limestone — Klement (1965).

*Thelidium decipiens* (Hepp) Kremp.

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Thelidium immersum*).

*Verrucaria hochstetteri* Fr.

PREVIOUS REPORT — EIVISSA: on limestone — Klement (1965, as *Amphoridium dolomiticum*).

*Verrucaria macrostoma* Dufour ex DC.

PREVIOUS REPORTS — EIVISSA: on limestone — Klement (1965). TAGOMAGO: on limestone — Klement (1965).

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