

## Checklist of Hymenomycetes (Aphylophorales s.l.) and Heterobasidiomycetes in Israel

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A checklist is presented concerning the species composition of Hymenomycetes (Aphylophorales s.l.) and Heterobasidiomycetes in Israel based on data of previous studies and field sample collections. In total, 242 species are presented, of which five are new records for the Israeli mycobiota, namely *Australohydnum dregeanum*, *Ceriporiopsis consobrina*, *C. resinascens*, *Fibroporia vaillantii*, and *Postia inocybe*. The distribution and habitat of each species in Israel are also summarized. This checklist will serve as valuable data for future species diversity studies of these fungi in Israel.

**KEYWORDS :** Aride mycobiota, Israel, New species, Wood-decay fungi

Non-gilled fungi (formerly Aphylophorales) and heterobasidiomycetes are important groups of Basidiomycota consisting of various forms of macroscopic fungi, of which many are saprobic wood decayers and thus often grow on logs, stumps, or other dead wood. Additionally, some grow on living trees and cause decay of nonfunctional heartwood, whereas others invade conducting plant tissue as parasites or are mycorrhizal with the roots of plants. Literature investigating former Aphylophorales and Heterobasidiomycetes in Israel revealed that these groups of fungi have been insufficiently studied (only 180 species resulted from previous records): 136 taxa were briefly described [1-11]; 78 taxa were listed without any description [12]; and two species were described in detail [13, 14]. Another aspect refers to taxonomy and its changing systematics. Since 1979-1993 (when fungal species received the most attention), taxonomical systematics has gradually changed, adapting to new concepts and nomenclature. In previous studies, many Aphylophorales and Heterobasidiomycetes species were referred to under their old names, belonging to units that are currently a part of other genera or families.

Fungal sample collections were initiated in various forests in Israel from 2006-2009. As a result, 57 newly recorded taxa, including two novel forms recently described, were added to the list of former Aphylophorales and Heterobasidiomycetes of Israel. The new findings, assembled from several papers, are presented below.

a) It is well known that species under stressful environ-

mental conditions may develop abnormal fruitbody morphologies or inner structure changes. From this point of view, the sub-arid climate of Middle Eastern forests may represent a promising study subject. Recently, three interesting new-for-science forms were discovered in northern Israeli forests, of which two were described with additional comments by the authors, namely *Peniophora quercina* f. *merulioides* with a deviant hymenophore shape (merulioid) and *Stereum hirsutum* f. *lobulatum* with a lobulate morphological aspect [15, 16].

b) Other findings refer to rare polypore species in Israel and provide morphological, structural descriptions, drawings, and additional notes that enrich the taxonomical material on rare, interesting polypores. Taxonomical analyses resulted in a paper dedicated to the closely related genera *Ceriporiopsis*, *Postia*, and *Skeletocutis*, which are found in the humid areas of northern Israeli forests. The genus *Ceriporiopsis*, previously unknown in Israel, was brought to attention with the finding of *C. balaenae* [17]. Further analyses resulted in new interesting taxa records belonging to the genera *Antrodia*, *Ceriporia*, *Fomitopsis*, and *Postia* [18].

c) Data concerning the species diversity of heterobasidiomycetous and hymenomycetous (former Aphylophorales) fungi in Israel, comprising 53 new taxa records, are the result of fungal sample collections taken from 2006 until 2008 [19]. In addition, the paper provides data regarding previously published studies, main sampling sites and their vegetal composition, taxonomical structure, and trophic division of these fungi in Israel, together with relative abundance analyses.

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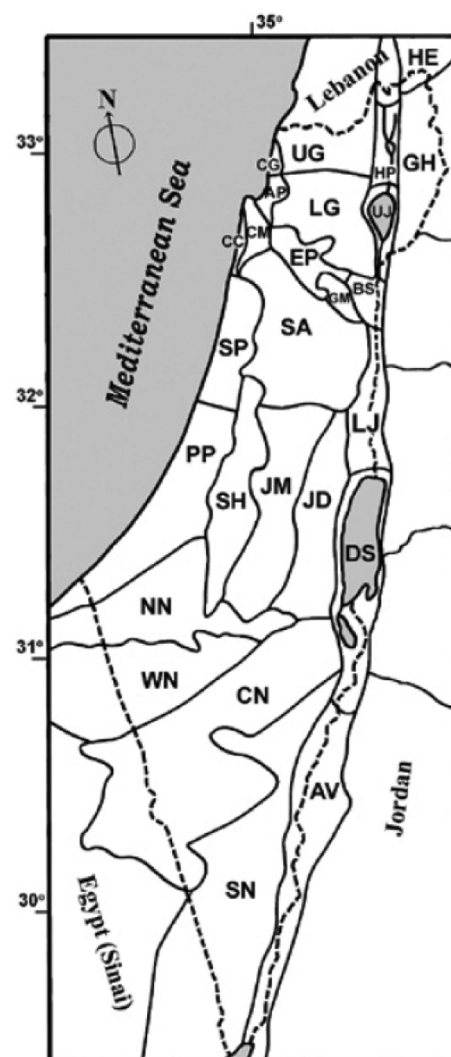
Further observations revealed that the Israeli Aphyllporales and Heterobasidiomycetes fungi, according to a modern systematic classification, belong to 43 families, of which two (*Cystostereaceae* Jülich and *Pterulaceae* Corner) are new to Israel. *Polyporaceae* is the richest family (13 genera), followed by *Meruliaceae* and *Phanerochaetaeaceae* (both with 10 genera), whereas Heterobasidiomycetes contain species belonging to six families: *Auriculariaceae*, *Ceratobasidiaceae*, *Dacrymycetaceae*, *Platyglaceae*, *Tremellaceae*, and *Tulasnellaceae*. Currently, the largest genera comprising more than five species in Israel are *Postia* with 10 species, *Peniophora* with 9 species and infraspecific taxa, and *Inonotus* and *Phanerochaete* with 8 species.

The main sampling sites showing great variety of fungi are positively correlated mainly to substrate type, forest age, altitude, and average rainfall. Important sampling sites include: the Golan Heights Massada Forest (1,000–1,200 m altitude, 1,200 mm average rainfall, mainly *Quercus calliprinos* and *Q. boissierii*); the Upper Galilee Bar'am Forest (700–800 m altitude, 700–900 mm average rainfall, *Q. calliprinos*, *Pinus halepensis*, and *P. pinea*); and the Upper Galilee Meron Forest (900–1,200 m altitude, 600–900 mm average rainfall, mostly *Q. calliprinos* and *P. halepensis*). According to their trophic division, most Israeli aphyllporaceous fungi (approximately 83% of the total listed taxa) are saprobic wood decayers, 11% are parasitic-saprobic fungi, and 6% are mycorrhizal. Many wood-decaying species were found living on a wide range of substrates, whereas other species showed a degree of specificity for a particular type of substrate.

More specifically, the aim of this study was to conduct a critical literature investigation for the purpose of building an inventory based on the presence of aphyllporaceous and heterobasidiomycetous fungi in Israel, to contribute new taxa records, and to give a complete list of all species in Israel, including their distribution and habitats.

## Materials and Methods

Species diversity investigations of former Aphyllporales and Heterobasidiomycetes in Israel consisted of: a) field sample collections during 2006–2009, b) examination of herbarium materials of the HAI Herbarium, and c) a critical literature review concerning wood-inhabiting species presence in Israel. Standard techniques for collection and preservation of Aphyllporales and Heterobasidiomycetes were followed. Collected samples were kept in separate paper bags. In the laboratory, fresh or dried specimens were identified using a Carl Zeiss Axiostar 1122-100 microscope (Carl Zeiss, Jena, Germany). Herbarium specimens were stored in the Herbarium and Culture Collection of the Institute of Evolution, University of Haifa, Israel (HAI). A map (Fig. 1) shows the accepted abbrevia-



**Fig. 1.** Accepted abbreviations of nature regions in Israel: AP, Akko Plain; AV, Arava Valley; BS, Beit Shean Valley; CC, Carmel Coast; CG, Coast Galilee; CM, Carmel Mount; CN, Central Negev; DS, Dead Sea Area; EP, Esdraelon (Yizre'el) Plain; GH, Golan Heights; GM, Gilboa Mount; HE, Hermon Mount; HP, Hula Plain; JD, Judean Desert; JM, Judean Mts.; LG, Lower Galilee; LJ, Lower Jordan Valley; NN, Northern Negev; PP, Philistean Plain; SA, Samaria; SH, Shefela; SN, South Negev; SP, Sharon Plain; UG, Upper Galilee; UJ, Upper Jordan Valley; WN, Western Negev.

tions of nature regions in Israel [20] and might be used to track the distribution of each species presented in the checklist.

## Results and Discussion

In the following checklist, hymenomycetous (former Aphyllporales) and heterobasidiomycetous species are listed in alphabetical order. An asterisk (\*) indicates novel forms

recently described for science, and two asterisks (\*\*) indicate new species records between 2006–2009. *Australohydnum dregeanum* (Berk.) Hjortstam & Ryvar den, *Ceriporiopsis consobrina* (Bres.) Ryvar den, *C. resinascens* (Romell) Domański, *Fibroporia vaillantii* (DC.) Parmasto, and *Postia inocybe* (A. David & Malençon) Jülich represent new species for the Israeli mycobiota. For each species, the distribution and habitat in Israel are provided according to previously published and newly found records. The distribution in Israel is summarized by region abbreviation (Fig. 1). Currently, the list contains 242 species belonging to 119 genera, of which two (*Australohydnum* and *Fibroporia*) are new for the mycobiota of Israel.

It is necessary to note that the list includes three doubtful species, namely *Ceriporiopsis balaenae* Niemelä, *Inonotus rheades* (Pers.) Bondartsev & Singer, and *Mycoacia squalina* (Fr.) M. P. Christ; (1) *C. balaenae* in earlier works was reported only in the boreal zone, where it was found to be associated with *Salix* spp. and *Populus tremula*, and rarely on other hardwoods. Moreover *C. consobrina*, which occurs in the subtropical areas, has macro- and micro-structural characteristics that are nearly identical to those of *C. balaenae*. Therefore, the material referring to the latter species should be associated with *C. consobrina*. (2) *Inonotus rheades*, reported in Israel as occurring on *Cupressus sempervirens*, shares a nearly identical description to that of *I. tamaricis*, a host specific species that infects *Tamarix* trees. (3) *Mycoacia squalina*, reported in Israel by Binyamini [4, 5, 9], was described as having a hymenophoral surface covered by spines up to 3 mm long, a monomitic hyphal system, and no clamp connections. Two species in the literature were associated with *Mycoacia squalina*, namely *Sarcodontia crocea* (Schwein.) Kotl., and *Mycoaciella bispora* (Stalpers) J. Erikss. & Ryvar den. The first one differs from Binyamini's material due to its long spines (5–7 mm long) and clamped hyphae, whereas *M. bispora* is characterized by a dimitic hyphal system, clamped hyphae, and apically resinous cystidia. Since the characters' combination in Binyamini's description is different, we may conclude that the fungus is not a member of *Mycoacia* but rather comparable to *Hydnophlebia* Parmasto.

**1. *Acanthofungus thoenii* (Boidin, Lanq. & Gilles) Sheng H. Wu, Boidin & C. Y. Chien**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**2. *Aleurodiscus cerussatus* (Bres.) Höhn. & Litsch.**

UG, Bar'am Wood, on dry branch of *Quercus calliprinos* [3, 5, 9].

**3. *Aleurodiscus dextrinoideocerussatus* Manjón, M. N. Blanco & G. Moreno**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**4. *Amphinema byssoides* (Pers.) J. Erikss.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

UG, Biryia Forest, on rotten pine wood, leg. V. Malysheva, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0399).

**\*\*5. *Amylocorticium suaveolens* Parmasto**

UG, Hiram Forest, mixed *Quercus calliprinos* and *Pinus halepensis* wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0363).

**\*\*6. *Amylocorticiellum cremeoisabellinum* (Litsch.) Spirin & Zmitr.**

UG, Safsufa Forest, mixed pine and oak wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0362).

**\*\*7. *Antrodia albida* (Fr.) Donk**

UG, Meron forest, mixed *Pinus* and *Quercus* wood, on broadleaf stand, 7.03.2007, leg. & det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0198).

**\*\*8. *Antrodia heteromorpha* (Fr.) Donk**

UG, Kiryat Shmona, on pine wood, 20.02.2007, leg. D. Tura, det. W. A. Spirin (HAI 0215).

**\*\*9. *Antrodia ramentacea* (Berk. & Broome) Donk**

On coniferous wood, 22.02.2008, leg. S. P. Wasser, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0194).

**10. *Antrodia serialis* (Fr.) Donk**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**11. *Antrodia sinuosa* (Fr.) P. Karst.**

UG, Bar'am Wood, on *Quercus calliprinos*; JM, Sh'ar Hagai, near Jerusalem, on dry branch of *Pinus halepensis* [2, 5, 9]. UG, Meron Forest, under pine trees, 11.02.2008, leg. D. Tura, det. W. Spirin (HAI 0456).

**12. *Asterostroma cervicolor* (Berk. & M. A. Curtis) Masee**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**13. *Asterostroma muscicola* (Berk. & M. A. Curtis) Masee**

JM, Sha'ar Hagai, near Jerusalem, on dead branch and cones of *Pinus halepensis*; MC, Ramot Menashe, Joara, under dry branch from cut trunks of *Pinus* [5, 6, 9]. UG, Safsufa Forest, mixed pine and oak wood, on fallen wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0386). UG, Biryia Forest, *Pinus halepensis* forest, 7.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0360). UG, Meron Forest, on pine cone, 9.03.2007, leg. I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0387).

**\*\*14. *Athelia epiphylla* Pers.**

UG, Bar'am Forest, on *Quercus calliprinos* leaves, 9.03.2007, leg. I. Zmitrovich, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0158).

**15. *Athelia neuhoffii* (Bres.) Donk**

SP, Hadera, on decayed branches of *Eucalyptus camadulensis* [11].

**16. *Auricularia auricula-judae* (Bull.) Quél.**

SP, on *Pinus halepensis*, *Ficus retusa*, and *Caria illinoensis*, Mique Izra'el, Ramat Hasaharon, Hulda, on cut trunk of *Ficus* [5, 7, 9]. MC, Tivon, on trees, 17.11.2005,

leg. Y. Ur, det. Y. Ur, I. Zmitrovich (HAI 0354). HP, Tel Dan Park, on deciduous tree, 9.01.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0303). HP, Tel Dan Park, on deciduous tree branch, 14.01.2007, 20.02.2007 leg. Y. Ur, D. Tura, det. D. Tura & I. Zmitrovich (HAI 0307, 0379). UG, Hanita Forest, mixed pine and oak forest, 31.01.2007, leg. Y. Ur, det. Y. Ur, D. Tura & I. Zmitrovich (HAI 0352); UG, Mt. Hazon, in *Pinus* forest, 3.02.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0377). HP, Banias Park, on fallen twigs, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0378). UG, Kiryat Shmona, *Eucalyptus* forest, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0392). PP, Ben Shemen Forest, mixed trees, 16.03.2007, leg. Y. Ur, det. Y. Ur, D. Tura & I. Zmitrovich (HAI 0351). UG, Goren Park, on broadleaf wood, 10.12.2007, leg. S. Zohar, det. D. Tura & I. Zmitrovich (HAI 0353).

**\*\*17. *Australohydnum dregeanum* (Berk.) Hjortstam & Ryvarde**

MC, Muhraqa, *Quercus calliprinos* forest, on fallen wood, 24.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0221).

**\*\*18. *Bankera fuligineoalba* (J. C. Schmidt) Coker & Beers ex Pouzar**

GH, near Mas'ada, under pine trees, 18.12.2001, leg. S.P. Wasser, det. D. Tura & I. Zmitrovich (HAI 0217). MC, Mount Carmel Natural Park, *Pinus halepensis* forest, on soil, 28.11.2006, leg. S. Zohar, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0112). MC, mixed *Quercus* and *Pinus* forest, 12.01.2007, leg. V. Zohar, det. I. Zmitrovich (HAI 0216).

**19. *Basidiendron cinereum* (Bres.) Luck-Allen**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**20. *Basidiaradulum crustosum* (Pers.) Zmitr., Malysheva & Spirin**

UG, Bar'am Wood, on dry branch of *Quercus* [3, 5, 9]. GH, Mas'ada Forest, on barkless deciduous wood, 7.11.2006, 9.12.2006, 7.03.2007, leg. Y. Ur, D. Tura, det. D. Tura & I. Zmitrovich (HAI 0259, 0253, 0255). UG, Hiram Wood, on barkless pine wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0258). UG, Mt. Meron, on pine wood and cones, 9.03.2007, leg. I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0254). HP, Banias Park, 23.01.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0257). UG, Safsufa Forest, on hardwood twigs, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0256).

**\*\*21. *Basidiaradulum radula* (Fr.) Nobles**

UG, Nahal Zivon, *Quercus calliprinos* forest, on oak branch, 19.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0209). UG, Goren Park, on bark of oak wood, 31.01.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0260). GH, Mas'ada Forest, *Q. calliprinos* forest, on *Q. calliprinos* living tree, 7.03.2007, leg. V. Malysheva, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0147).

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**\*\*22. *Basidiaradulum tuberculatum* (Berk. & M. A. Curtis) Hjortstam**

UG, Kiryat Shmona, *Eucalyptus* forest, on broadleaf wood surface, 11.02.2007, 20.02.2007, leg. Yair Ur, D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0148, 0295). SP, Hadera Forest, on *Eucalyptus*, 14.02.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0285).

**23. *Bjerkandera adusta* (Willd.) P. Karst.**

SP, on cut trunk of *Casuarina torulosa*; GH, on cut trunk of *Populus* [5, 8, 9].

**24. *Boletopsis subsquamosa* (L.) Kotl. & Pouzar**

MC, Bet Oren, in *Pinus* woods; PP, Tel Aviv, under *Pinus* trees [2, 9]. MC, near, Haifa, mixed *Quercus* and *Pinus* forest, under pine trees, 12.01.2007, leg. S. Zohar, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0199).

**25. *Botryobasidium candicans* J. Erikss.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**26. *Botryobasidium subcoronatum* (Höhn. & Litsch.) Donk**

SA, Iron Wood, on dry branch of *Pistacia palestina* [3, 5, 9].

**\*\*27. *Botryohypochnus isabellinus* (Fr.) J. Erikss.**

SP, Ramat Hanadiv, on bark of pine wood, 1.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0425).

**28. *Brevicellicium olivascens* (Bres.) K. H. Larss. & Hjortstam**

UG, Bar'am Wood, GH, Mas'ada Wood, on dry branch of *Quercus calliprinos* [4, 5, 9].

**29. *Byssomerulius albostramineus* (Torrend) Hjortstam**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**30. *Byssomerulius corium* (Pers.) Parmasto**

MC, Ramot Menashe, Joara, on dry branch of *Pistacia palestina*, *Pinus halepensis*, *P. pinea*, *Laurus nobilis*, *Ceratonia siliqua*, *Phillyrea media*, and *Quercus calliprinos*; UG, on *Q. boissieri*, and *Calycotome villosa*; GH, on *Quercus calliprinos*; SA, Iron Wood, on dry branch of *Ziziphus spina-christi* and *Eucalyptus* [3, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. On deciduous wood [14]. UG, Mt. Meron, near Sasa, on trees, 17.09.2005, leg. Y. Ur, det. I. Zmitrovich (HAI 0304). GH, Mas'ada Forest, on fallen barkless oak wood, 7.11.2006, leg. Y. Ur, det. I. Zmitrovich (HAI 0306). UG, Safsufa Forest, on barkless *Quercus calliprinos* wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich et V. Malysheva (HAI 0327). GH, Mas'ada Forest, on fallen oak wood, 10.11.2006, 23.12.2006, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0366, 0332). UG, Bar'am Forest, on fallen oak wood, 4.01.2007, leg. Y. Ur, det. I. Zmitrovich (HAI 0365). HP, Tel Dan Park, on deciduous twigs, 9.01.2007, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0331, 0328). GH, Mas'ada Forest, under *Quercus*, 9.01.2007, 7.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0333, 0334). HP, Banias, on

deciduous twigs, 23.01.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0349). UG, Safsufa Forest, on hardwood twigs, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0336).

**\*31. *Byssomerulius corium* var. *halileënsis* Zmitr., Spirin & Wasser**

UG, on trunk of *Quercus calliprinos* [14]. UG, Bar'am Forest, on *Quercus calliprinos* twigs, 16.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0337). GH, Nimrod, on fallen twig, 7.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0367). UG, Mt. Meron, on *Quercus calliprinos*, 9.03.2007, leg. I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0302). GH, Mas'ada Forest, on dead oak wood, 14.04.2008, leg. I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0448). UG, Nahal Ziv'on, on fallen oak branch, 10.12.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0451).

**32. *Cantharellus cibarius* Fr.**

See Binyamini [9]. GH, Tal Kasaa, on soil, in grass, 11.01.2005, det. D. Tura & I. Zmitrovich (HAI 0433). MC, Beit Oren Park, 12.11.2005, leg. T. Pavlichek, det. S.P. Wasser (HAI 0434).

**33. *Calocera cornea* (Batsch) Fr.**

UG, Pa'ar Cave on dry branch of *Quercus* and *Pinus halepensis* [5, 7, 9]. UG, Nahal Kziv, on deciduous wood, 3.01.2001, leg. S. Reshetnikov, det. S. Wasser (HAI 0318). GH, Mas'ada forest, on fallen log of *Q. calliprinos*, 9.01.2007, leg. & det. D. Tura.

**34. *Ceraceomyces sublaevis* (Bres.) Jülich**

UG, Hiram Wood, and SA, Ramot Menashe, Joara, on dry branch of *Pinus*; SP, on *Quercus calliprinos*, Ilanot, on bark of log of *Eucalyptus camadulensis*; MC, Ha'arbaim Wood, on dry branch of *Phlomis viscosa* [3, 5, 9].

**35. *Ceraceomyces tessulatus* (Cooke) Jülich**

SP, Hadera, on dead bark of *Eucalyptus* [10].

**36. *Ceratobasidium cornigerum* (Bourdot) D. P. Rogers**

JM, Sha'ar Hagai, on dry branch of *Pinus halepensis*, on fruit and leaves of *Ceratonia siliqua* [3, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**\*\*37. *Ceriporia camaresiana* (Bourdot & Galzin) Bondartsev & Singer**

UG, Nahal Kziv, *Quercus* forest, on deciduous wood, 20.12.2006, leg. D. Tura, det. W.A. Spirin (HAI 0211).

**38. *Ceriporia excelsa* (S. Lundell) Parmasto**

JM, Sha'ar Hagai, near Jerusalem, on dead branch of *Pinus* [10]. UG, Tel Dan Park, mixed forest, 9.01.2007, leg. D. Tura, det. W. Spirin (HAI 0457).

**39. *Ceriporia purpurea* (Fr.) Donk**

SP, Nachshonim-Kule, and JM, Sha'ar Hagai, on cut trunk of *Pinus* [11]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. UG, Biriya Forest, on burned pine wood, 8.02.2007, 7.03.2007 leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0181, 0179). HP, Tel Dan Park, mixed wood, 20.02.2007, leg. D. Tura, det. D.

Tura, I. Zmitrovich, and V. Malysheva (HAI 0180). UG, Meron Forest, on pine fallen log, 9.03.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0178).

**40. *Ceriporia tarda* (Berk.) Ginns**

SP, Hadera, on dead branch of *Eucalyptus* [10].

**41. *Ceriporia viridans* (Berk. & Broome) Donk**

MC, Hadera, on dry trunk of *Eucalyptus camadulensis* and *Quercus calliprinos* [2, 5, 9].

**\*\*42. *Ceriporiopsis balaenae* Niemelä**

GH, Mas'ada, mixed forest of *Quercus calliprinos* and *Q. boissieri*, on deciduous wood, 10.11.2006, leg. Y. Ur, det. I. Zmitrovich, D. Tura and V. Malysheva (HAI 0109). UG, Bar'am, mainly *Quercus calliprinos* forest, on oak bark, 9.03.2007, leg. & det. I. Zmitrovich, D. Tura and V. Malysheva (HAI 0110).

**\*\*43. *Ceriporiopsis consobrina* (Bres.) Ryvarden**

UG, Hiram Wood, mixed oak and pine wood, 19.11.2006, leg. D. Tura, det. W. Spirin (HAI 0455). GH, Mas'ada Forest, on *Quercus calliprinos*, 9.01.2007, leg. D. Tura, det. W. Spirin (HAI 0453). UG, Goren Park, on rotten deciduous wood, 10.12.2007, leg. S. Zohar, det. W. Spirin (HAI 0454).

**\*\*44. *Ceriporiopsis resinascens* (Romell) Domański**

GH, Mas'ada Forest, on dead oak wood, 9.12.2006, leg. Y. Ur, det. W. Spirin (HAI 0437).

**45. *Cerrena unicolor* (Bull.) Murrill**

SP, unknown logs; PP, Tel Aviv, on buried trunk of *Casuarina* [2, 5, 9]. GH, Mas'ada Forest, on *Quercus calliprinos*, 7.11.2006, 26.11.2006, 9.01.2007, 7.03.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0154, 0175, 0173, 0174).

**\*\*46. *Chondrostereum purpureum* (Pers.) Pouzar**

GH, Mas'ada Forest, on *Quercus calliprinos* bark, 9.01.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0438).

**\*\*47. *Cinereomyces lenis* (P. Karst.) Spirin**

UG, near Mt. Meron, on pine cone, 9.03.2007, leg. & det. I. Zmitrovich (HAI 0388).

**48. *Clavaria argillacea* Fr.**

UG, Mt. Meron, on soil in *Quercus* wood [10].

**49. *Clavulicium macounii* (Burt) J. Erikss. & Boidin ex Parmasto**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**\*\*50. *Clavulina cinerea* (Bull.) J. Schröt.**

MC, Nahal Neshet, under *Pinus halepensis*, 23.12.1994, 3.03.1995, leg. E. Nevo, S.P. Wasser, det. D. Tura & I. Zmitrovich (HAI 0371, 0380). MC, Harshat Harbaim, in grass, near *Quercus*, 1.02.2001, 6.02.2001, 24.02.2001 leg. P. Tovbim det. S.P. Wasser (HAI 0322, 0338, 0339). MC, Harshat Harbaim, on soil under *Quercus*, 16.02, leg. I. Baskin, det. D. Tura & I. Zmitrovich (HAI 0372). UG, Kiryat Shmona, on soil, open land, 18.01.2004, leg. Y. Ur, det. I. Zmitrovich (HAI 0340). UG, Goren Park, in *Quercus* forest, 22.01.2007, leg. Y. Ur, det. V. Malysheva (HAI

0348). SA, Reihan Forest, under *Pinus* and *Quercus*, 19.02.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0373). UG, Canyon Agam, mixed hardwood forest, under *Quercus* sp. 4.03.2007, 17.03.2007, leg. S. Zohar det. D. Tura & I. Zmitrovich et. V. Malysheva (HAI 0342, 0301). UG, Hanita Forest, 22.01.2007, 11.02.2008, leg. Y. Ur, D. Tura, det. D. Tura, I. Zmitrovich et. V. Malysheva (HAI 0341, 0316).

**51. *Clavulina coralloides* (L.) J. Schröt.**

SA, Iron Wood, under *Pinus* trees; MC, in mixed forest of *Pinus* and *Quercus* [8, 9]. MC, Nahal Neshet, in *Quercus* and *Pinus* forest, 1.02.1995, leg. S.P. Wasser, det. I. Zmitrovich (HAI 0347).

**52. *Coniophora arida* (Fr.) P. Karst.**

MC, Ramot Menashe, Bet Oren, on *Pinus halepensis* and *Quercus calliprinos* [5, 6, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. SP, Ramat Hanadiv, on rotten wood, 15.01.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0383). LG, Lavi Forest, on pine bark, 4.02.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0384). HP, Tel Dan Park, on deciduous wood, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0357). LG, near Kabul, on *Eucalyptus* stump, 7.03.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0385). UG, Hanita Forest, on hardwood stand, 11.02.2008, leg. G. Barseghyan, det. D. Tura & I. Zmitrovich (HAI 0308).

**53. *Coniophora olivacea* (Fr.) P. Karst.**

MC, Ramot Menashe, Joara, on bark of *Pinus halepensis* [5, 6, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**54. *Coniophora puteana* (Schumach.) P. Karst.**

MC, Joara, on trunk of *Ailanthus* [10]. SP, Ramat Hanadiv, on fallen pine log, 1.02.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0358).

**55. *Corioloopsis gallica* (Fr.) Ryvarden**

MC, Bet Oren, Ha'arbaim Forest, on dry branch of *Quercus calliprinos*, Hedera, on dry branch of *Eucalyptus*; SP, Kfar Sikin, on dead trunk of *Morus nigra*, Ramat Hasharon, on dry branch of *Cupressus sempervirens*, Tel Zur, on dry branch of *Cassuarina torulosa*, [2, 5, 9]. HP, Tel Dan Natural Reserve, mixed forest, 14.01.2007, 20.02.2007 leg. Y. Ur, D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0092, 0093). MC, Mt. Carmel National Park, on *Olea europaea*, on fallen log found under *Ceratonia siliqua* tree, 21.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0094). UG, Kiryat Shmona, *Eucalyptus* forest, on rotten fallen log, 20.02.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0095). SP, Hadera Forest, on *Eucalyptus*, 14.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0096). UG, Kiryat Shmona, *Eucalyptus* forest, on *Eucalyptus*, 11.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0098). PP, Ben Shemen Forest, mixed broadleaf trees, 16.03.2007, leg. Y.

Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0099). UG, Hanita Forest, on fallen deciduous wood, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0281).

**56. *Corticium roseocarneum* (Schwein.) Hjortstam**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**57. *Crustoderma corneum* (Bourdot & Galzin) Nakasone**

SP, on decayed branches of *Pinus halepensis* [11]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**58. *Crustoderma dryinum* (Berk. & M. A. Curtis) Parmasto**

MC, Ramot Menashe, Joara, and JM, Sha'ar Hagai, near Jerusalem inside the bark of cut trunk of *Pinus* [8, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. UG, Biryia Forest, on fallen pine log, 8.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0394).

**\*\*59. *Crustomyces subabruptus* (Bourdot & Galzin) Jülich**

UG, Safsufa Forest, on *Quercus* wood, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0463).

**60. *Dacrymyces deliquescens* (Bull.) Duby**

MC, Ha'arbaim Wood, on dry branch of *Quercus*, Bet Oren, on dry branch of *Pinus* [7, 9].

**61. *Dacryobolus sudans* (Alb. & Schwein.) Fr.**

UG, Bar'am Wood, on *Quercus calliprinos*; JM Sha'ar Hagai, near Jerusalem, on dry branch of *Pinus halepensis* [3, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**62. *Daedalea quercina* (L.) Pers.**

MC, Bet Oren, on dry branch of *Quercus*, on dry and live branch of *Phillyrea media* [8, 9].

**63. *Daldinia concentrica* (Bolton) Ces. & De Not.**

On deciduous wood [9]. UG, Hanita Forest, on fallen oak, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0269). HP, Tel Dan Park, on fallen deciduous wood, 9.01.2007, 14.01.2007, 20.02.2007, leg. Y. Ur, D. Tura, det. D. Tura & I. Zmitrovich (HAI 0273, 0271, 0270). PP, Ben Shemen Forest, on deciduous wood, 16.03.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0280). UG, Goren Park, on broadleaf tree, 10.12.2007, leg. S. Zohar, det. D. Tura & I. Zmitrovich (HAI 0272).

**64. *Dendrothele alliacea* (Qué.) P. A. Lemke**

UG, Bar'am Wood, MC, Bet Oren, on dry branch of *Quercus calliprinos*, and Ha'arbaim Wood, on dry branch of *Phillyrea media* [3, 5, 9]. UG, Nahal Kziv, on rotten deciduous wood, 20.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0431). UG, Goren Park, on fallen oak wood, 31.01.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0396).

**65. *Exidia glandulosa* (Bull.) Fr.**

MC, Ha'arbaim; UG, Bar'am Wood, Hiram Wood, on dry branch of *Quercus* [7, 5, 9].

**66. *Exidia nucleata* (Schwein.) Burt**

MC, Bet Oren, Ha'arbaim Wood, on dry branch of *Quer-*

cus; UG, Bar'am Wood, on dry branch of *Calycotome villosa*, Hiram Wood [5, 7, 9]. HP, Tel Dan Park, mixed hardwood forest, on fallen rotten wood, 15.01.2007, 20.02.2007, leg. Y. Ur, det. Y. Ur, D. Tura & I. Zmitrovich (HAI 0386, 0300). GH, Mas'ada Forest, on *Quercus ithaburensis*, 7.03.2007, leg. I. Zmitrovich, det. I. Zmitrovich (HAI 0317).

**67. *Exidia pithya* Fr.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**68. *Exidiopsis effusa* Bref.**

MC, Ha'arbaim Wood, on dry branch of *Quercus*, and *Pinus pinea*; UG, Bar'am Wood, on dry branch of *Rhamnus* [5, 7, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**\*\*69. *Fibroporia vaillantii* (DC.) Parmasto**

MC, Tivon, on rotten coniferous wood, 16.12.2007, leg. Akavia E, det. W. Spirin (HAI 0436).

**70. *Fomes fomentarius* (L.) J. J. Kickx**

MC, Mt. Carmel, on dead trunk on *Quercus calliprinos* [2, 5, 9].

**\*\*71. *Fomitopsis iberica* Melo & Ryvarden**

MC, Mt. Carmel National Park, on pine stump base, 10.02.2007, leg. D. Tura, det. W.A. Spirin (HAI 0202).

**72. *Ganoderma applanatum* (Pers.) Pat.**

SP, on *Eucalyptus camadulensis*, living *Citrus* tree, *Cupressus sempervirens*, and *Ficus retusa*; HP, Tel Dan Park, on *Morus nigra*; PP, Tel Aviv, on cut trunk of *Cupressus*, and on dry trunk of *Ficus* [2, 5, 9]. PP, Tel Aviv, on *Ficus*, 1994, leg. & det. S.P. Wasser (HAI 0301). MC, Mt. Carmel National Park, 17.09.2005, leg. Y. Ur, det. I. Zmitrovich (HAI 0072). HP, Baniyas Park, on deciduous wood, 23.01.2007, leg. Y. Ur, det. W. Spirin (HAI 0443).

**\*\*73. *Ganoderma australe* (Fr.) Pat.**

HP, Tel Dan Park, on hardwood tree base, 14.01.2007, 20.02.2007, leg. Y. Ur, D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0062, 0056). HP, Baniyas Park, 30.01.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0057). MC, Tivon, on *Ceratonia siliqua*, 4.11.2006, leg. E. Akavia, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0058). HP, Baniyas Park, on *Populus* stump, 20.02.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0059). UG, Bar'am Forest, on *Quercus calliprinos*, 9.03.2007, leg. I. Zmitrovich, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0060). HP, Tel Dan Park, on hardwood tree base, 9.01.2007, leg. G. Barseghyan, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0061). MC, Tivon, on *Eriobotrya japonica*, 4.11.2006, leg. E. Akavia, det. D. Tura, I. Zmitrovich, et. V. Malysheva (HAI 0063). UG, Goren Park, on *Q. calliprinos*, 16.12.2006, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0064). MC, Dan National Park, 15.07.2004, leg. T. Pavlichik, det. I. Zmitrovich (HAI 0065). PP, Tel Aviv, on *C. siliqua*, 20.04.2007, leg. & det. S.P. Wasser (HAI 0070). GH, Mt. Meron, Meron National Park, *Q.*

*calliprinos* and *Q. infectoria*, 31.01.1996, leg. E. Nevo, det. S.P. Wasser & I. Zmitrovich (HAI 0071). PP, Tel Aviv, 10.03.2008, on *Ficus microcarpa* base, 10.03.2008, leg. & det. D. Tura (HAI 0442). MC, Haifa, on *Q. calliprinos*, 10.12.2008, leg. S.P. Wasser, det. D. Tura (HAI 0443).

**74. *Ganoderma lucidum* (Curtis) P. Karst.**

GH, Mas'ada Forest, and MC, on dry trunk of *Quercus calliprinos*; PP, Tel Aviv, on dry branch of *Nerium oleander*; HP, Baniyas, on cut trunk of *Populus alba*, Dan Valley, on *P. euphratica* and *Morus nigra*; SP, Ramat Hasharon, on cut trunk of *Cupressus sempervirens*; MC, Ha'arbaim Forest, on cut trunk of *Quercus* [2, 5, 9]. GH, Meron Golan, on *Quercus calliprinos*, 26.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0066). GH, Meron Golan, on *Quercus calliprinos*, 7.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0067). GH, Mas'ada Forest, mixed wood of *Q. calliprinos* and *Q. boissieri*, 7.11.2006, 7.04.2007 leg. Y. Ur, S. Zohar, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0068, 0069). GH, Mas'ada, Golan, on *Q. calliprinos*, 12.04.2000, leg. & det. S.P. Wasser (HAI 0020). MC, Mt. Carmel National Park, on leaf tree, 10.01.2001, leg. S. Reshetnikov, det. S.P. Wasser (HAI 0036). GH, Mas'ada Forest, on *Q. calliprinos*, 31.07.2003, leg. Y. Ur det. S.P. Wasser (HAI 0037).

**\*\*75. *Ganoderma resinaceum* Boud.**

GH, Sde Jacov, on *Ficus* trunk, 24.08.2006, det. I. Zmitrovich (HAI 0076). HP, Baniyas Park, on *Populus* stump, 20.02.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0077); PP, Tel Aviv, on *Ficus microcarpa*, 10.03.2008, leg. D. Tura, det. D. Tura (HAI 0440).

**76. *Gloeophyllum abietinum* (Bull.) P. Karst.**

SP, Ramat Hasharon, on dry branch of *Cupressus sempervirens*; Ilanot, on coniferous wood; JM, Sha'ar Hagai, on dry branch of *Pinus halepensis*; MC, near Daliath el-Carmel, on dry branch of *P. pinea* [2, 5, 9]. MC, Mt. Carmel National Park, on *P. halepensis*, 3.2000, leg. & det. (HAI 0464). GH, Qazrin, *Eucalyptus* forest, on stump, 9.01.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0078). UG, Lavi Forest, *Pinus* forest, on pine wood, 4.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0079). MC, Haifa, on fallen pine log, 3.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich, et. V. Malysheva (HAI 0080). UG, Biriya Forest, *Pinus* forest, on fallen pine log, 8.02.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0081). SP, near Ramat Hanadiv Park, on *Cupressus* stump, 1.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0083). LG, near Kabul, on *Cupressus* stump, 7.03.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0084). PP, Ben Shemen Forest, mixed forest, 16.03.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V.

Malysheva (HAI 0085). Shimshon Forest, *Pinus* forest, on pine wood, 8.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0086). MC, Harshat Harbaim, on stump, 24.02.2001, leg. P. Tovbin, det. I. Zmitrovich (HAI 0087). SP, Ramat Hanadiv, mixed *Quercus* and *Pinus* forest, 15.01.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0097). GH, near Bar'am Forest, on *Cupressus* sp., 14.04.2008, leg. I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0458). GM, Moale Gilboa, 21.05.2009, leg. E. Nevo, det. D. Tura (HAI 0283).

**77. *Gloeophyllum protractum* (Fr.) Imazeki**

SP, on *Pinus halepensis* [5].

**78. *Gloeophyllum sepiarium* (Wulfen) P. Karst.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**79. *Gloeophyllum subferrugineum* (Berk.) Bondartsev & Singer**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**80. *Gloeophyllum trabeum* (Pers.) Murrill**

SP, on cut trunk of *Pinus* [8]. HP, Baniyas Park, on *Populus* stump, 20.02.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0088). UG, Biriya Forest, *Pinus* forest, on pine wood, 8.02.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0089). UG, Canyon Agam, on oak wood, 17.03.2007, leg. S. Zohar, det. D. Tura & I. Zmitrovich (HAI 0284). UG, Nahal Zivon, on pine stump, 19.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0090). 22.02.2008, leg. S.P. Wasser, det. D. Tura (HAI 0091).

**\*\*81. *Gloeoporus dichrous* (Fr.) Bres.**

HP, Tel Dan, mixed broadleaf tree species, on fallen log, 14.01.2007, leg. Yair Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0204). UG, Kiryat Shemona, *Eucalyptus* forest, on fallen log, 11.02.2007, leg. Yair Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0205).

**82. *Gloeocystidiellum luridum* (Bres.) Boidin**

UG, Bar'am Wood, on dry branch of *Quercus calliprinos* [3, 5, 9].

**83. *Henningsomyces candidus* (Pers.) Kuntze**

MC, Bet Oren, on bark of *Quercus*, Joara, on dry branch of *Calycotome villosa*; SP, Ilanot, on dry log of *Eucalyptus*, on fallen cone of *Pinus* [2, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. GH, Qazrin, in *Eucalyptus* forest, on rotten wood, 9.01.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0403).

**84. *Heterobasidion annosum* (Fr.) Bref.**

MC, on *Ceratonia siliqua* [5].

**85. *Hydnum repandum* L.**

See Binyamini [9]. GH, Tal Kasaa, on soil, 11.02.2005, leg. & det. Y. Ur (HAI 0218). UG, Hanita Forest, mixed pine and oak forest, 31.01.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich (HAI 0206).

**\*\*86. *Hydnum rufescens* Pers.**

UG, Hanita, mixed *Quercus calliprinos* and *Pinus halepen-*

*sis* forest, 26.01.1996, 20.02.1997 leg. S. P. Wasser, det. D. Tura & I. Zmitrovich (HAI 0224, 0227). MC, Mt. Carmel Park, under pine trees, 16.01.1997, 27.02.1997, leg. S.P. Wasser, P. Tovbin, det. D. Tura & I. Zmitrovich (HAI 0249, 0219). MC, Harshat Harbaim, on stump, near *Quercus*, 16.02.2001, leg. P. Tovbin, det. D. Tura & I. Zmitrovich (HAI 0226). UG, Mt. Meron National Park, under oak trees, 7.01.2006, leg. S. P. Wasser, det. D. Tura & I. Zmitrovich (HAI 0221). UG, Nahal Moran, on soil, 12.01.2006, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0225). UG, Hanita Forest, *Pinus* and *Quercus* forest, 22.01.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0220). UG, Canyon Agam, *Quercus* forest, 12.01.2007, leg. V. Zohar, det. D. Tura & I. Zmitrovich (HAI 0223). UG, Meron Forest, under pine trees, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0222).

**87. *Hydnellum ferrugineum* (Fr.) P. Karst.**

Found in *Pinus halepensis* forest [5, 9].

**88. *Hymenochaete cinnamomea* (Pers.) Bres.**

MC, Mt. Carmel Bet Oren, on dry branch of *Quercus* [8, 9]. PP, Ben Shemen Forest, mixed broadleaf and coniferous trees, on pine needles, 16.03.2007, leg. Ur Y., det. D. Tura & I. Zmitrovich (HAI 0290).

**89. *Hypochnicium geogenium* (Bres.) J. Erikss.**

MC, on dry branch of *Quercus calliprinos*; JM, Sha'ar Hagai, near Jerusalem, on dry branch of *Pinus halepensis* [3, 5].

**90. *Hypochnicium lundellii* (Bourdot) J. Erikss.**

MC, Joara, on dead branch of *Eucalyptus* [10].

**91. *Hyphoderma argillaceum* (Bres.) Donk**

MC, Ramot Menashe, Joara, Hedera, on dry branch of *Eucalyptus camadulensis* and *Pinus halepensis*; SA, Iron Wood, on dry branch of *Pinus*; GH, on *Quercus calliprinos* [3, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. UG, Nahal Kziv, on dead branch of *Ceratonia* sp., 3.01.2001, 20.12.2006, leg. S. Reshetnikov, D. Tura, det. D. Tura & I. Zmitrovich (HAI 0294, 0265).

**92. *Hyphoderma medioburiense* (Burt) Donk**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**93. *Hyphoderma litschaueri* (Burt) J. Erikss. & Strid**

UG, Bar'am Wood, on dry branch of *Quercus calliprinos* [3, 5, 9].

**94. *Hyphoderma setigerum* (Fr.) Donk**

SP, on *Acacia farnesiana*; UG, Bar'am Wood, on dry branch of *Quercus calliprinos* [3, 5, 9].

**95. *Hyphodermella corrugata* (Fr.) J. Erikss. & Ryvardeen**

MC, Bet Oren, on dead branch of *Quercus calliprinos*; JM, Sha'ar Hagai, on dry branch of *Pinus halepensis*; UG, Bar'am Wood, on dry branch of *Rubia tenuifolia* [3, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**96. *Hyphodontia juniperi* (Bourdot & Galzin) J. Erikss. & Hjortstam**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].



**\*\*97. *Hyphodontia microspora* J. Erikss. & Hjortstam**  
SP, Ramat Hanadiv, mixed trees, on pine cone, 15.01.2007, 1.02.2007, leg. Y. Ur, D. Tura, det. D. Tura & I. Zmitrovich (HAI 0236, 0235). LG, near Kabul, on *Cupressus* cone, 7.03.2007, leg. & det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0156).

**98. *Hyphodontia nespori* (Bres.) J. Erikss. & Hjortstam**  
UG, Pa'ar Cave, on dry branch of *Quercus boissieri* [3, 5, 9]. UG, Nahal Kziv, mixed forest, on fallen deciduous wood, 20.12.2006, leg. D. Tura det. D. Tura & I. Zmitrovich (HAI 0208). GH, Bar'am Forest, oak forest, on fallen dead wood, 4.01.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0237).

**\*\*99. *Hyphodontia quercina* (Pers.) J. Erikss.**  
GH, Mas'ada Forest, *Quercus calliprinos* forest, on fallen wood, 10.11.2006, 9.12.2006, 7.03.2007, leg. Y. Ur, I. Zmitrovich, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0238, 0240, 0164). UG, Safsufa Forest, on fallen oak branch, 19.11.2006, leg. D. Tura det. D. Tura & I. Zmitrovich (HAI 0239). UG, Nahal Zivon, on *Q. calliprinos* dead branch, 19.11.2006, leg. D. Tura det. D. Tura & I. Zmitrovich (HAI 0262). UG, Nahal Kziv, on oak bark, 20.12.2006, leg. D. Tura det. D. Tura & I. Zmitrovich (HAI 0261). UG, Mt. Meron, on bark of *Q. calliprinos* tree, 9.03.2007, leg. V. Malysheva, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0155).

**100. *Hyphodontia sambuci* (Pers.) J. Erikss.**  
MC, Ramot Menashe, Joara, Daliath El-Carmel, on dry branch of *Pinus pinea* and *P. halepensis*; JM, Sha'ar Hagai, near Jerusalem, on dry branch of *P. halepensis* [3, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. MC, Nahal Oren National Park, on dry oak twigs, 20.11.1994, leg. S.P. Wasser, det. I. Zmitrovich (HAI 246). GH, Mas'ada Forest, oak forest, on dry branch, 9.12.2006, leg. Y. Ur, det. I. Zmitrovich (HAI 0247). UG, Nahal Kziv, mixed broadleaf trees, on fallen wood, 20.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0244). MC, Mt. Carmel National Park, mixed trees, on fallen broadleaf wood, 21.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0242). HP, Tel Dan, mixed trees, 9.01.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0245). UG, near Mt. Meron, *P. halepensis* forest, on barkless wood, 7.03.2007, leg. V. Malysheva, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0241). UG, Kiryat Shmona, Eucalyptus forest, on tree bark, 7.03.2007, leg. I. Zmitrovich, det. I. Zmitrovich (HAI 0251). UG, Meron Forest, on *Olea europaea*, 7.03.2007, leg. I. Zmitrovich, det. I. Zmitrovich (HAI 0250). UG, Meron Forest, mixed pine and oak forest, on fallen wood, 9.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0243).

**101. *Hyphodontia subalutacea* (P. Karst.) J. Erikss.**  
MC, Ha'arbaim Wood, on dry branch of *Quercus calliprinos* [3, 5, 9]. JM, near Jerusalem, found in *Pinus halepen-*

*sis* forest [12]. UG, Nahal Zivon, on *Q. calliprinos* wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0252).

**\*\*102. *Inonotus cuticularis* (Bull.) P. Karst.**

MC, Mt. Carmel National Park, on *Quercus calliprinos*, 12.01.2001, leg. S. Reshetnikov, det. S. P. Wasser (HAI 0041).

**\*\*103. *Inonotus dryophilus* (Berk.) Murrill**

MC, Mt. Carmel National Park, Nahal Nesher, on *Quercus*, 6.02.1995, 19.03.2004, leg. S. P. Wasser, S. A. Voytyuk, det. I. Zmitrovich (HAI 0039, 0074). UG, near Mt. Baron, mixed hardwood and pine forest, on *Quercus*, 26.11.2006, leg. Y. Ur, det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0038).

**104. *Inonotus hispidus* (Bull.) P. Karst.**

See Hershenson & Jaquenoud [1].

**\*\*105 *Inonotus levis* P. Karst.**

MC, Mt. Carmel National Park, on *Quercus* sp., 05. 2000, leg. det. I. Zmitrovich (HAI 0459).

**106. *Inonotus ochroporus* (Van der Byl) Pegler**

See Hershenson and Jaquenoud [1].

**107. *Inonotus rheades* (Pers.) Bondartsev & Singer**

See Hershenson and Jaquenoud [1]. SP, Ramat Hasharon, on trunk of *Cupressus sempervirens* [5, 6, 9].

**\*\*108. *Inonotus rickii* (Pat.) D.A. Reid**

PP, Tel Aviv, on *Delonix regia*, 23.05.2008, leg. M. Friedlander, det. D. Tura & I. Zmitrovich (HAI 0291). PP, Tel Aviv, on living deciduous tree, 24.11.2008, leg. M. Haim, det. D. Tura & I. Zmitrovich (HAI 0277).

**109. *Inonotus tamaricis* (Pat.) Maire**

See Hershenson and Jaquenoud [1]. PP, Tel Aviv, and SP, Ramat Hasharon on *Tamarix gallica* [6, 5, 9]. MC, Haifa, on *Tamarix*, 13.11.2002, leg. S. P. Wasser, det. S. P. Wasser (HAI 0042). MC, Haifa, on *Tamarix*, 20.10.2003, leg. S. P. Wasser, det. S. P. Wasser (HAI 0043). MC, Mt. Carmel, Beit Oren National Park, on *Tamarix*, 7.02.2006, leg. Y. Ur, det. I. Zmitrovich (HAI 0045). MC, Haifa, on *Tamarix*, 27.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0044).

**110. *Lachnella albviolascens* (Alb. & Schwein.) Fr.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**111. *Lachnella coprosmae* G. Cunn.**

MC, Mt. Menashe, Joara, on bark of decayed trunk of *Eucalyptus camadaulensis* [11].

**112. *Laeticorticium ionides* (Bres.) Donk**

UG, Bar'am Wood, on dry branch of *Quercus calliprinos* [4, 5, 9].

**113. *Laeticorticium polygonioides* (P. Karst.) Donk**

HP, Tel Dan Reserve, on dead branch of *Rhamnus alaternus*; UG, Bar'am Wood, on dry branch of *Quercus calliprinos*, and *Smilax aspera*, Hiram Wood, on *Calycome villosa* [3, 5, 9]. GH, Mas'ada Forest, on living *Quercus calliprinos* bark, 9.11.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0292).

**114. *Laeticorticium roseum* (Pers.) Donk**

JM, near Jerusalem, Shar'ar Hagai, on dry branch of *Ceratonia siliqua*; MC, Bet Oren, on dry branch of *Quercus calliprinos* [3, 5, 9].

**115. *Laetiporus sulphureus* (Bull.) Murrill**

SP, Ilanot, on live cut trunk of *Eucalyptus camadulensis* [2, 5, 9]. UG, Nahal Oren National Park, in *Pinus halepensis* wood, on stump, 14.11.1997, leg. S. P. Wasser & E. Nevo, det. I. Zmitrovich (HAI 0176).

**\*\*116. *Lentaria afflata* (Lagger) Corner**

HP, Tel Dan Park, mixed wood, on rotten wood, 20.02.2007, leg. A. Koshakyan, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0159).

**\*\*117. *Lepidomyces subcalceus* (Litsch.) Jülich**

MC, Ha-Carmel Park, on sump, 3.02.2001, leg. I. Tovbin, det. D. Tura & I. Zmitrovich (HAI 0284). HP, Tel Dan Park, on fallen deciduous wood, 9.01.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0401).

**118. *Leptoporus mollis* (Pers.) Quél.**

JM, Sha'ar Hagai, near Jerusalem, on dry branch of *Pinus halepensis* [2, 5, 9]. Kibutz Gonen, 26.08.2007, det. D. Tura & I. Zmitrovich (HAI 0228).

**119. *Litschauerella clematidis* (Bourdot & Galzin) J. Erikss. & Ryvardeen**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**120. *Macrotiophula fistulosa* (Holmsk.) R. H. Petersen**

UG, Bar'am Wood, on decayed branches of *Quercus calliprinos* [11]. GH, Mas'ada Forest, on *Quercus calliprinos* fallen wood, 9.01.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0343).

**121. *Megasporoporia cavernulosa* (Berk.) Ryvardeen**

MC, Bet Oren, on dry branch of *Quercus calliprinos* [2, 5, 9].

**\*\*122. *Metulodontia nivea* (P. Karst.) Parmasto**

UG, Safsufa Forest, mixed pine and oak wood, on barkles pine wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0404).

**123. *Mycoacia aurea* (Fr.) J. Erikss. & Ryvardeen**

SP, Hadera, on decayed branches *Eucalyptus camadulensis* [11].

**124. *Mycoacia squalina* (Fr.) M. P. Christ.**

SP, Ramat Hasharon, on dry branch of *Ziziphus spinachristi* [4, 5, 9].

**125. *Mycoacia uda* (Fr.) Donk**

MC, Ramot Menashe, Joara, on dead branch of *Eucalyptus camadulensis* [4, 5, 9]. UG, Safsufa Forest, on fallen oak wood, 11.02.2008, leg. D. Tura, det. D. Tura, & I. Zmitrovich (HAI 0390).

**126. *Oxyporus latemarginatus* (Durieu & Mont.) Donk**

SP, on *Cupressus sempervirens*, Ilanot, on dry trunk of conifer [2, 5, 9]. HP, Tel Dan Natural Reserve, mixed forest, on hardwood tree bark, 9.01.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0183).

**127. *Oxyporus obducens* (Pers.) Donk**

SP, Ramat Hasharon, on trunks of *Cupressus sempervi-*

*rens* [2, 5, 9].

**\*\*128. *Peniophora cinerea* (Pers.) Cooke**

UG, Meron forest, mixed *Pinus* and *Quercus calliprinos* forest, on deciduous wood, 9.03.2007, leg. D. Tura. det. I. Zmitrovich (HAI 0145).

**129. *Peniophora incarnata* (Pers.) P. Karst.**

UG, Bar'am Wood, on dry branch of *Quercus calliprinos* [4, 5, 9]. GH, Mas'ada Forest, on dead branches of *Quercus calliprinos*, 7.03.2007, leg. & det. I. Zmitrovich (HAI 0229). HP, Tel Dan, mixed forest, on dry deciduous tree branch, 9.01.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0230).

**130. *Peniophora lycii* (Pers.) Höhn. & Litsch.**

MC, Mt. Carmel, on dry branch of *Quercus*, and *Ceratonia siliqua*, Hedera, on *Q. ithaburensis*, Ramot Menashe, Joara, on branch of *Eucalyptus camadulensis*; UG, on dry branch of *Rhamnus punctata*, *Q. calliprinos*, *Q. boissieri* and *Calycotome villosa*; SA, Iron Wood, on dry branch of *Eucalyptus* and *Pinus*; JM, Shar'ar Hagai, near Jerusalem, on dry branch of *Pinus halepensis*; GH, on *E. camadulensis* [4, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. UG, Mt. Meron, on *Q. calliprinos*, 9.03.2007, leg. & det. I. Zmitrovich (HAI 0105). UG, Bar'am Forest, on *Q. calliprinos* dead branch, 9.03.2007, leg. V. Malysheva, det. I. Zmitrovich (HAI 0113).

**131. *Peniophora meridionalis* Boidin**

MC, on dry branch of *Pistacia palestina*, *Quercus calliprinos*, *Ceratonia siliqua*, and *Laurus nobilis*, Hedera, on *Eucalyptus camadulensis*, *Pinus halepensis* and *P. palestina*, Ramot Menashe, Joara, on *E. camadulensis*; UG, Bar'am Wood, on *Q. calliprinos*; SA, Iron Wood, on dry branch of *Eucalyptus*; JM, Shar'ar Hagai, on dry branch of *P. palestina* [4, 5, 9].

**132. *Peniophora pini* (Schleich. & DC.) Boidin**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**133. *Peniophora pithya* (Pers.) J. Erikss.**

SP, Ilanot, on bark of dead trunk of *Cupressus sempervirens* [11]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**134. *Peniophora polygonia* (Pers.) Bourdot & Galzin**

SP, Hadera, on decayed branches of *Eucalyptus camadulensis* [11]. UG, Mt. Meron, in *Quercus calliprinos* forest, on dead branch, 9.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0144).

**\*\*135. *Peniophora quercina* (Pers.) Cooke**

GH, Mas'ada forest, *Quercus calliprinos* and *Q. ithaburensis* forest, on branches of *Q. calliprinos*, 7.03.2007, leg. & det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0101). UG, Mt. Meron, *Q. calliprinos* forest, on branches of *Q. calliprinos*, 9.03.2007, leg. & det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0102). UG, Meron forest, mixed *Pinushalepensis* and *Quercus calliprinos* forest, on branches of *Q. calliprinos*, 9.03.2007, leg. & det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0103). UG, Hanita For-

est, oak forest, on dead oak branch, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0231). UG, Safsufa Forest, on fallen twigs, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0297). GH, Mas'ada Forest, oak forest, 14.04.2008, leg. I. Zmitrovich, det. D. Tura, I. Zmitrovich (HAI 0244).

**\*136. *Peniophora quercina* f. *meruloides* Tura, Zmitr. & Wasser**

UG, Mt. Meron, *Quercus calliprinos* forest, on branches of *Q. calliprinos*, 9.03.2007, leg. & det. D. Tura and I.V. Zmitrovich (HAI 0104).

**\*\*137. *Peniophora versiformis* (Berk. & M. A. Curtis) Bourdot & Galzin**

UG, Bar'am Forest, *Quercus calliprinos* forest, on broad-leaf wood surface, 9.03.2007, leg. I. Zmitrovich, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0149).

**138. *Peniophorella pallida* (Bres.) K. H. Larss.**

SP, Hadera, on decayed branches of *Eucalyptus camadulensis* [11].

**139. *Peniophorella praetermissa* (P. Karst.) K. H. Larss.**

JM, Sha'ar Hagai, near Jerusalem, on dry branch of *Pinus halepensis*; MC, Bet Oren, on dry branch of *Quercus calliprinos* [3, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**140. *Peniophorella tsugae* (Burt) K. H. Larss.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**141. *Phanerochaete aurata* (Bourdot & Galzin) Burds.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**142. *Phanerochaete calotricha* (P. Karst.) J. Erikss. & Ryvarde**

MC, Ramot Menashe, Joara, on dry branch of *Cupressus sempervirens*, Mt. Carmel, on dry branch of *Pistacia palestina* [4, 5, 9]. MC, Muhraqa, on *Quercus calliprinos* dead wood, 24.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0416). UG, Even Menahem, on dead oak wood, 22.11.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0417).

**\*\*143. *Phanerochaete chrysosporium* Burds.**

MC, Mt. Carmel National Park, on dead oak wood, 21.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0288).

**144. *Phanerochaete galactites* (Bourdot & Galzin) J. Erikss. & Ryvarde**

MC, Ramot Menashe, Joara, on dry branch of *Cupressus sempervirens*, Hadera, on dry branch of *Eucalyptus camadulensis* [4, 5, 9].

**145. *Phanerochaete sanguinea* (Fr.) Pouzar**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**146. *Phanerochaete sordida* (P. Karst.) J. Erikss. & Ryvarde**

MC, Ramot Menashe, Joara, Hadera, on branch of *Eucalyptus camadulensis*, Mt. Carmel, on dry branch of *Quercus calliprinos* [4, 5, 9]. UG, Bar'am Forest, on fallen oak wood, 9.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich

(HAI 0419). MC, Mt. Carmel National Park, on oak twigs, 9.04.2008, leg. I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0418).

**147. *Phanerochaete tuberculata* (P. Karst.) Parmasto**

SP, on *Cupressus sempervirens*; JM, Shar'ar Hagai, near Jerusalem, on dry branch of *Ceratonia siliqua*; MC, Ramot Menashe, Joara, on dry branch of *Eucalyptus camadulensis* and *Ceratonia siliqua*; UG, Bar'am Wood, on dry branch of *Quercus calliprinos*, Hiram Wood, on dry branch of *Pinus halepensis* [4, 5, 9]. UG, Meron Forest, on barkless pine wood, 7.03.2007, leg. I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0248).

**148. *Phanerochaete velutina* (DC.) Parmasto**

UG, Bar'am Wood, MC, and GH, Mas'ada Wood, on dry branch of *Quercus calliprinos* [4, 5, 9].

**149. *Phellinus contiguus* (Pers.) Pat.**

SP, Ramat Hasharon, on rotten branch of *Pinus*, and on dry branch of *Zyzyphus spina-christi* [6, 5, 9].

**\*\*150. *Phellinus ferruginosus* (Schr.) Pat.**

UG, Nahal Kziv, on dead *Ceratonia*, 3.01.2001, leg. S. Reshetnikov, det. W. Spirin (HAI 0445). GH, Qazrin, *Eucalyptus* Forest, on fallen log, 9.01.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0073). PP, Ben Shemen Forest, 16.03.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0461). UG, Kiryat Shmona, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0462).

**\*\*151. *Phellinus gilvus* (Schwein.) Pat.**

UG, Nahal Kziv, mainly *Quercus* and *Ceratonia* trees, 12.02.2001, det. S. P. Wasser (HAI 0446).

**152. *Phellinus punctatus* (Fr.) Pilát**

SP, Ilanot, on live trunk of *Agonis flexuosa*, and on cut trunk of *Thevetia peruviana*; MC, Ramot Menashe, Joara, on dry branch of *Calycotome villosa*; UG, on *Laurus nobilis* [5, 8, 9]. HP, Tel Dan Park, mixed hardwood forest, on living hardwood tree, 9.01.2007, 20.02.2007 leg. D. Tura, det. V. Malysheva & I. Zmitrovich (HAI 0046; 0047). UG, Bar'am Forest, *Q. calliprinos* forest, on oak tree, 9.03.2007, leg. & det. I. Zmitrovich (HAI 0049). HP, Baniyas Park, 23.01.2007, leg. Y. Ur, det. V. Malysheva (HAI 0048).

**153. *Phellinus robustus* (P. Karst.) Bourdot & Galzin**

See Hershenson and Jaquenoud [1]. MC, on *Quercus calliprinos* [5, 9]. MC, Harshat Harbaim, on oak stump, 1.02.2001, leg. S. Reshetnikov, det. S. P. Wasser (HAI 0444).

**154. *Phellinus torulosus* (Pers.) Bourdot & Galzin**

See Hershenson and Jaquenoud [1]. MC, on *Ceratonia siliqua* and *Quercus calliprinos* [5]. UG, Nahal Kziv, mixed hardwood forest, 12.02.2001, det. I. Zmitrovich (HAI 0055). UG, Goren Park, *Quercus calliprinos* forest, at the base of *Q. calliprinos* tree, 16.12.2006, 11.02.2008, leg. D. Tura, det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0001, 0278). UG, Nahal Kziv, on *Q. calliprinos* stump, 3.01.2001, leg. S. Reshetnikov, det. D. Tura, I. Zmitrovich

- and V. Malysheva (HAI 0019). MC, Muhraqua, *Q. calliprinos* forest, at the base of *Q. calliprinos* tree, 24.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0075). UG, Beit Keshet, on *Quercus*, 1.06.2002, leg. Y. Ur, det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0006). UG, Nahal Kziv, on stump, 5.03.2001, leg. det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0028). UG, Kiryat Shmona, on *Eucalyptus*, 20.11.2006, leg. Y. Ur, det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0015). MC, Haifa, on *Q. calliprinos*, 3.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0018). GH, Lower Mas'ada, on *Q. calliprinos* tree base, 27.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0017). UG, Nahal Kziv, mixed hardwood forest, on hardwood tree base, 20.12.2006, leg. D. Tura, det. I. Zmitrovich (HAI 0027). MC, Haifa, *Q. calliprinos* forest, on oak tree base, 3.12.2006, leg. D. Tura, det. I. Zmitrovich (HAI 0034). GH, Meron Golan, on *Q. calliprinos*, 27.11.2006, leg. & det. D. Tura (HAI 0026). UG, Mt. Meron, on *Q. calliprinos* base, 9.03.2007, leg. V. Malysheva, det. I. Zmitrovich (HAI 0032). MC, Haifa, on *Quercus*, 23.11.2006, det. D. Tura (HAI 0013). SP, Ramat Hanadiv Park, on *Cupressus* base, 26.03.2007, leg. Y. Ur, det. D. Tura (HAI 0007). GH, Mas'ada Forest, oak forest, on *Q. calliprinos*, 14.01.2007, leg. Y. Ur, det. I. Zmitrovich (HAI 0014). GH, Mas'ada Forest, oak forest, on *Q. calliprinos*, 23.12.2006, leg. Y. Ur, det. D. Tura (HAI 0003). UG, Hanita Forest, on *Q. calliprinos*, 11.02.2008, leg. & det. D. Tura (HAI 0022). UG, near Kiryat Shmona, on *Eucalyptus*, 18.01.2002, leg. I. Shams, det. S.P. Wasser (HAI 0031). UG, Nahal Kziv, on stump, det. I. Zmitrovich (HAI 0010). GH, Mas'ada Forest, mixed *Q. calliprinos* and *Q. boissieri* forest, on oak, 9.12.2006, Y. Ur, det. I. Zmitrovich (HAI 0030). MC, Mt. Carmel Natural Park, mixed *Quercus* and *Ceratonia* forest, on *Ceratonia*, 21.12.2006, leg. D. Tura, det. D. Tura (HAI 0011). UG, Yodfat, *Q. calliprinos* forest, on living oak base, 20.11.2006, leg. Y. Ur, det. I. Zmitrovich (HAI 0029). UG, Nahal Zivon, on living *Q. calliprinos* base, 19.11.2006, leg. D. Tura, det. I. Zmitrovich (HAI 0033). SP, near Ramat Hanadiv Park, on *Q. calliprinos* base, 1.02.2007, leg. Y. Ur, det. I. Zmitrovich (HAI 0012). UG, Goren Park, on *Q. calliprinos*, 28.11.2006, leg. Y. Ur, det. I. Zmitrovich (HAI 0016). UG, Nahal Kziv, on oak, 20.12.2006, leg. D. Tura, det. D. Tura (HAI 0008). UG, Nahal Zivon, *Q. calliprinos* forest, on oak roots, 20.11.2006, leg. D. Tura, det. I. Zmitrovich (HAI 0002). SP, Hadera Forest, *Eucalyptus* forest, on *Eucalyptus* tree, 14.02.2007, leg. Y. Ur, det. I. Zmitrovich (HAI 0021). GH, Upper Mas'ada, on *Q. calliprinos*, 27.11.2006, leg. D. Tura, det. I. Zmitrovich (HAI 0195). UG, Bar'am Forest, *Q. calliprinos* forest, on oak base, 9.03.2007, V. Malysheva, det. I. Zmitrovich (HAI 0025). UG, Sde Eliezer, on *Eucalyptus*, 21.02.2007, leg. Y. Ur, det. I. Zmitrovich (HAI 0035). SP, Gan Shmuel, on *Eucalyptus* base, 17.03.2007, leg. Y. Ur, det. D. Tura (HAI 0005). UG, Shefer, mixed *Quercus* and *Pinus* forest, 19.11.2006, leg. & det. D. Tura (HAI 0024). UG, Hanita Forest, *Q. calliprinos* forest, on oak tree, 20.03.2007, leg. Y. Ur, det. D. Tura (HAI 0023). MC, Nahal Oren National Park, on *Quercus*, 5.02.1995, leg. S.P. Wasser, det. I. Zmitrovich (HAI 0009). SP, Ramat Hanadiv, mixed *Quercus* and *Pinus* forest, 15.01.2007, leg. Y. Ur, det. I. Zmitrovich (HAI 0004); Nahal Ziv'on, on *Quercus calliprinos* stump, 10.12.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0447).
- 155. *Phlebia deflectens* (P. Karst.) Ryvar den**  
MC, Bet Oren, on dry trunk of *Quercus* [10]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].
- 156. *Phlebia livida* (Pers.) Bres.**  
SP, Hadera, on dead branch of *Eucalyptus* [10].
- 157. *Phlebia mellea* Overh.**  
JM, near Jerusalem, found in *Pinus halepensis* forest [12].
- \*\*158. *Phlebia nitidula* (P. Karst.) Ryvar den**  
UG, Hanita Forest, on bark of oak wood, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0293).
- 159. *Phylloporia ribis* (Schumach.) Ryvar den**  
See Hershenson and Jaquenoud [1]. MC, Haifa, on living hardwood shrub, 6.02.1995, leg. S.P. Wasser, det. I. Zmitrovich (HAI 0051). UG, Mt. Hazon, on *Quercus*, 17.07.2005, leg. Y. Ur, det. S.P. Wasser (HAI 0053). UG, Kiryat Shmona, *Eucalyptus* forest, on *Eucalyptus*, 11.02.2007, leg. Y. Ur, det. I. Zmitrovich (HAI 0050). MC, Haifa, on living hardwood shrub, 1.02.2007, leg. S. Reshetnikov, det. S.P. Wasser (HAI 0054). UG, Kiryat Shmona, *Eucalyptus* forest, on *Eucalyptus*, 20.02.2007, leg. A. Koshakyan, det. D. Tura (HAI 0052). UG, Safsufa Forest, 2.11.2008, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0279).
- 160. *Physisporinus vitreus* (Pers.) P. Karst.**  
SP, on stump of *Salix* and spreading over the soil [10].
- 161. *Piloderma lanatum* (Jülich) J. Erikss. & Hjortstam**  
JM, near Jerusalem, found in *Pinus halepensis* forest [12].
- 162. *Platyglœa decipiens* G.W. Martin**  
JM, near Jerusalem, found in *Pinus halepensis* forest [12].
- \*\*163. *Podofomes trogii* (Fr.) Pouzar**  
MC, Bet Oren National Park, on tree, 7.12.2005, leg. Y. Ur, det. I. Zmitrovich (HAI 0177).
- 164. *Polyporus brumalis* (Pers.) Fr.**  
MC, Hedera, on dry branch of *Quercus calliprinos* and *Pinus halepensis*, Ramot Menashe, on *P. halepensis*; JM, Sha'ar Shagai on *P. halepensis* [2, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. SP, Ramat Hanadiv Park, on fallen branch, 17.03.2004, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0191). UG, Mt. Hazon, mainly pine forest, 3.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0190). Yacir Shimshon, mainly pine forest, 26.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI

0189). PP, Ben Shemen Forest, mixed trees, 16.03.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0188).

**165. *Polyporus squamosus* (Huds.) Fr.**

UG, Bar'am Wood, on dry branch of *Quercus* [2, 5, 9]. UG, Bar'am Forest, on hardwood fallen log, 16.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0200). UG, Kiryat Shmona, *Eucalyptus* forest, 20.02.2007, leg. G. Barseghyan, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0201). UG, Goren Park, *Quercus calliprinos* forest, on broadleaf tree bark, 10.12.2007, leg. S. Zohar, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0187).

**166. *Porostereum spadiceum* (Pers.) Hjortstam & Ryvarden**

CC, Athlith, on dry branch of *Pistacia*; MC, Bet Oren, on dry branch of *Quercus calliprinos* and *Ceratonia siliqua*; MC, Ramot Menashe, Joara, on dry branch of *Pinus*; SA, Iron Wood, on dry branch of *Rhamnus punctata*; SP, Netania, on dry branch of *Citrus*; Miqwe Israel, on dry branch of *Acacia* [3, 5, 9]. HP, Tel Dan Park, on rotten deciduous wood, 9.01.2007, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0232, 0356). UG, Kiryat Shmona, on *Eucalyptus* sp. 11.02.2007, 20.02.2007, leg. Y. Ur, D. Tura, det. D. Tura & I. Zmitrovich (HAI 0355, 0314). PP, Ben Shemen Forest, mixed trees, on dead wood, 16.03.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0376).

**167. *Postia balsamea* (Peck) Jülich**

Zomet Ealakim viet Wyer Wacol, on *Pinus pinea* [13].

**168. *Postia floriformis* (Qué.) Jülich**

MC, Hedera, on dry trunk of *Pinus halepensis* [2, 5, 9].

**169. *Postia hibernica* (Berk. & Broome) Jülich**

MC, Ramot Menashe, Joara, on dry branch of *Pinus halepensis* [2, 5, 9]. UG, Hiram Forest, mixed *Quercus* and *Pinus* forest, on fallen pine wood, 19.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0197). UG, Hazon, mixed *Quercus* and *Pinus* forest, on fallen pine twig, 19.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0184). LG, Oshaya Forest, on rotten pine wood, 16.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0274). GH, Shipon Forest, on fallen pine wood, 26.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0186). UG, Biriya Forest, pine forest, on rotten pine wood, 8.02.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0192). UG, Meron Forest, mixed *Quercus* and *Pinus* forest, on pine wood, 9.03.2007, 11.02.2008 leg. V. Malysheva, D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0185).

**\*\*170. *Postia inocybe* (A. David & Malençon) Jülich**

PP, Ben Shemen Forest, on rotten pine wood, 16.03.2007, leg. Y. Ur, det. W. Spirin (HAI 0452). UG, Meron Forest, on barkless pine wood, 11.02.2008, leg. D. Tura, det. W.

Spirin (HAI 0435).

**\*\*171. *Postia leucomallella* (Murrill) Jülich.**

MC, Mt. Carmel National Park, on pine tree, 17.01.2001, leg. S. Reshetnikov, det. W.A. Spirin (HAI 0196). UG, Hazon, mixed pine and oak wood, on rotten pine wood, 19.11.2006, leg. D. Tura, det. W. Spirin (HAI 0453).

**172. *Postia mappa* (Overh. & J. Lowe) M. J. Larsen & Lombard**

JM, Sha'ar Hagai, near Jerusalem, on dry branch of *Pinus halepensis* [2, 5, 9].

**\*\*173. *Postia rancida* (Bres.) M. J. Larsen & Lombard**

UG, Biriya, *Pinus halepensis* forest, on coniferous cone, 7.03.2007, leg. & det. I. Zmitrovich, D. Tura and V. Malysheva (HAI 0108).

**174. *Postia stiptica* (Pers.) Jülich**

PP, Tel Aviv, on cut trunk of *Pinus halepensis* [2, 5, 9]. MC, Haifa, mixed *Pinus* and *Quercus* forest, 3.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich and V. Malysheva (HAI 0182).

**\*\*175. *Postia subcaesia* (A. David) Jülich.**

SA, Reihan, *Pinus halepensis* and *Quercus calliprinos* forest, on unidentified substrate, 19.02.2007, leg. Y. Ur, det. I. Zmitrovich, D. Tura and V. Malysheva (HAI 0106). UG, Meron, *Pinus halepensis* and *Quercus calliprinos* forest, on deciduous wood, 9.03.2007, leg. & det. I. Zmitrovich, D. Tura and V. Malysheva (HAI 0107).

**176. *Postia tephroleuca* (Fr.) Jülich**

SP, Ramat Hasharon, on cut trunk of *Cupressus sempervirens*, Ilanot, on cut trunk of *Pinus radiata* [2, 5, 9].

**\*\*177. *Pseudoinonotus dryadeus* (Pers.) T. Wagner & M. Fisch.**

PP, Tel Aviv, on *Quercus*, 18.11.1996, leg. S. P. Wasser, det. I. Zmitrovich (HAI 0040).

**178. *Pseudotomentella tristis* (P. Karst.) M. J. Larsen**

SP, Hadera, on dead branch of *Eucalyptus* [10].

**179. *Radulomyces confluens* (Fr.) M. P. Christ.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12]. HP, Tel Dan Park, on bark of deciduous wood, 9.01.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0400). GH, Mas'ada Forest, on *Quercus calliprinos*, 7.03.2007, leg. I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0393).

**\*\*180. *Ramaria botrytis* (Pers.) Ricken**

UG, Mt. Meron National Park, mixed *Pinus* and *Quercus* wood, 21.12.1996, leg. E. Nevo, det. I. Zmitrovich (HAI 0346).

**181. *Ramaria celerivirescens* Marr & D. E. Stuntz**

UG, Mt. Meron, on soil in *Quercus* wood [10].

**182. *Ramaria decurrens* (Pers.) R. H. Petersen**

MC, Hedera, on soil, close to *Eucalyptus* trees [8]. HP, Tel Dan Park, on soil, 9.01.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0375). SP, Hadera Forest, under *Eucalyptus*, 14.02.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0344).

**\*\*183. *Ramaria eumorpha* (P. Karst.) Corner**

HP, Tel Dan Park, mixed wood, 16.02.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0345).

**184. *Ramaricium albo-ochraceum* (Bres.) Jülich**

MC, Bet Oren, on dry branch of *Quercus* [8].

**185. *Rhizochaete filamentosa* (Berk. & M. A. Curtis) Gresl., Nakasone & Rajchenb.**

SP, Hadera, on dead branch *Eucalyptus camadulensis* [11].

**186. *Schizophyllum commune* Fr.**

SP, on *Quercus* suber and *Acacia cyanophylla*; Hulda, on *Pinus halepensis*; GH, on *Nerium oleander* [5, 9]. MC, near Haifa Univ., on *Pinus* sp., 15.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich et V. Malysheva (HAI 0408). HP, Tel Dan Park, on *Eucalyptus* sump, 9.01.2007, 16.02.2007, 20.02.2007, leg. D. Tura, Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0397, 0402, 0429).

**\*\*187. *Schizopora paradoxa* (Schröd.) Donk**

UG, Bar'am Forest, on *Quercus calliprinos*, 9.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0441).

**188. *Scopuloides leprosa* (Bourdot & Galzin) Boidin, Lanq. & Gilles**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**189. *Scopuloides ravenelii* (Cooke) Boidin, Lanq. & Gilles**

MC, Ramot Menashe, Joara, on dry bark of living *Eucalyptus camadulensis*; MC, on dry branch of *Quercus calliprinos*, *Pistacia palestina* and *Ceratonia siliqua*; UG, on *Pinus halepensis* [4, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. UG, Nahal Zivon, on oak wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0427). LG, Oshaya Forest, on fallen deciduous wood, 16.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0428). UG, Kiryat Shmona, on bark of deciduous wood, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0426). PP, Ben Shemen Forest, mixed oak and pine trees, 16.03.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0414). UG, Hanita Forest, on bark of oak wood, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0432).

**190. *Scytinostroma duriusculum* (Berk. & Broome) Donk**

UG, Bar'am Wood, on dry branch of *Quercus calliprinos* and on dry branch of *Calycotome villosa* [6, 9].

**\*\*191. *Scytinostroma hemidichophyticum* Pouzar**

GH, Mas'ada Forest, on dead oak wood, 10.11.2006, leg. Y. Ur, det. I. Zmitrovich (HAI 0153). UG, Nahal Zivon, *Quercus calliprinos* forest, on dead broadleaf wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0233). UG, Hiram Wood, mixed pine and oak wood, on deciduous dead branch, 19.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0232). UG, Goren Park, *Q. calliprinos* forest, on dead wood, 16.12.2006, leg. D. Tura, det. D. Tura & I. Zmitro-

vich (HAI 0234). UG, Nohol Kenu, mixed *Quercus* forest, on fallen twig, 20.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0207). UG, Nahal Kziv, mixed oak forest, on fallen dead wood, 20.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0166). UG, Bar'am Wood, oak forest, on tree bark, 4.01.2007, 9.03.2007 leg. Y. Ur, D. Tura, det. D. Tura & I. Zmitrovich (HAI 0157, 0161). HP, Tel Dan Park, on bark of deciduous wood, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0296); GH, Mas'ada Forest, oak forest, on tree bark, 7.03.2007, leg. I. Zmitrovich det. I. Zmitrovich (HAI 0160). UG, Mt. Meron, under *Quercus calliprinos*, 9.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0165).

**192. *Scytinostroma portentosum* (Berk. & M. A. Curtis) Donk**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**193. *Sebacina calcea* (Pers.) Bres.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**194. *Sebacina epigaea* (Berk. & Broome) Bourdot & Galzin**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**195. *Sebacina grisea* (Pers.) Bres.**

MC, Bet Oren, Ha'arbaim Wood, common on fallen or cut branches of *Quercus* [8]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**196. *Sebacina incrustans* (Pers.) Tul. & C. Tul.**

MC, Ramot Menashe, Joara, on dry branch of *Pinus halepensis* [4, 5, 9]. MC, Haifa, on deciduous wood, 3.12.2006, leg. S. Zohar, det. D. Tura & I. Zmitrovich et V. Malysheva (HAI 0409). UG, Nahal Hazuri (near Mt. Meron), *Quercus calliprinos* forest, on rotten wood, 9.12.2006, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0057).

**197. *Sistotrema coroniferum* (Höhn. & Litsch.) Donk**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**198. *Sistotrema diademiferum* (Bourdot & Galzin) Donk**

MC, Ramot Menashe, Joara, on dry branch of *Eucalyptus camadulensis* [4, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**199. *Sistotrema octosporum* (J. Schröt. ex Höhn. & Litsch.) Hallenb.**

MC, on fallen leaves of *Quercus*, on dry branch of *Pistacia lentiscus*, and on *Pinus pinea* [4, 5, 9].

**\*\*200. *Skeletocutis percandida* (Malençon & Bertault) Jean Keller**

UG, Meron, *Pinus halepensis* and *Quercus calliprinos* forest, on coniferous wood, 9.03.2007, leg. & det. I. Zmitrovich, D. Tura and V. Malysheva (HAI 0214). UG, Safsufa Forest, on fallen pine log, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0275).

**201. *Steccherinum fimbriatum* (Pers.) J. Erikss.**

MC, Ramot Menashe, on branches of *Pinus halepensis*,

Mt. Carmel, on *P. pinea* and *Quercus calliprinos*, Hedera, on *Eucalyptus camadulensis*, *Pinus halepensis*, and *Pistacia palestina*; JM, Sha'ar Hagai, on *Pinus halepensis*; UG, on *Calycotome villosa*; SP, on *Phlomis viscosa* [5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. HP, Tel Dan Park, on dead deciduous wood, 9.01.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0419). UG, Meron Forest, 9.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0287).

**\*\*202. *Steccherinum litschaueri* (Bourdot & Galzin) J. Erikss.**

SP, Ramat Hanadiv, pine forest, on twigs, 19.02.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich et V. Malysheva (HAI 0407). UG, Hazon, on barkles pine wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich et V. Malysheva (HAI 0410).

**\*\*203. *Steccherinum mukhinii* Kotir. & Y. C. Dai**

GH, on coniferous wood, 18.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0466).

**204. *Steccherinum ochraceum* (Pers.) S. F. Gray**

MC, UG, and GH, found on *Quercus calliprinos* [5, 9]. UG, Nahal Kziv, on dead branch, 19.02.2001, det. D. Tura & I. Zmitrovich (HAI 0286). GH, Mas'ada Forest, on fallen oak wood, 7.11.2006, 9.12.2006, 9.01.2007 leg. Y. Ur, D. Tura, det. D. Tura & I. Zmitrovich et V. Malysheva (HAI 0429, 0406, 0412). UG, Bar'am Forest, on dead *Quercus calliprinos* wood, 16.02.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0411). UG, Goren Park, on barkles dead wood, 16.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0415). MC, Mt. Carmel National Park, on dead deciduous wood, 21.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich et V. Malysheva (HAI 0404). MC, Muhraqua, on *Quercus calliprinos* dead wood, 24.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0405). SP, Ramat Hanadiv, on pine wood, 1.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0423). SA, Reihan Forest, on barkles pine wood, 20.02.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0420). UG, Kiryat Shmona, *Eucalyptus* forest, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0430). UG, Mt. Meron, 9.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0421). UG, Kiryat Shmona, on barkless pine wood, 11.02.2007, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0422). UG, Safsufa Forest, on rotten twigs, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0424).

**\*\*205. *Stereum gausapatum* (Fr.) Fr.**

GH, Nahal Hazuri, on *Quercus calliprinos* wood, 9.12.2006, leg. Y. Ur, det. D. Tura & I. Zmitrovich (HAI 0299). GH, Mas'ada Forest, *Quercus calliprinos* forest, on *Quercus* stump, 7.03.2007, leg. & det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0114).

**206. *Stereum hirsutum* (Willd.) Pers.**

MC, on cut trunk and dry branch of *Quercus calliprinos*,

*Ceratonia siliqua* and *Olea europaea*, Ramot Menashe, Joara, on dry branch of *Eucalyptus camadulensis*, Hedera, on *Q. ithaburensis* and *Phillyrea media*; UG, Bar'am Wood, on dry branch of *Olea*, and *Ceratonia*, Hiram Wood, on dry branch of *Pinus halepensis*; SA, Iron Wood, on cut trunk of *Q. ithaburensis*; SP, on *Q. suber* [4, 5, 9]. UG, Mt. Meron National Park, on *Pinus?*, 27.12.2000, leg. S. Reshetnikov, det. S. P. Wasser (HAI 0115). MC, Harshad Harbaim, on branch of dead oak, 1.02.2001, leg. S. Reshetnikov, det. S. P. Wasser (HAI 0116). MC, Harshad Harbaim, on *Quercus* stump, 24.02.2001, leg. I. Tovbin, det. S. P. Wasser (HAI 0117). UG, Salsufer Forest, on *Q. calliprinos* wood, 19.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0118). UG, Bar'am Forest, *Q. calliprinos* forest, on *Quercus* stump, 16.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0119). GH, Mas'ada Forest, *Q. calliprinos* forest, on broadleaf wood, 26.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0120). LG, Oshaya Forest, mixed *Pinus* and *Quercus* wood, on *Quercus* stump, 16.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0121). UG, Nahal Kziv, mixed hardwood forest, on *Quercus* stand, 20.12.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0122). MC, Muhraqua, *Q. calliprinos* forest, on *Quercus* stump, 24.12.2006, D. Tura, I. Zmitrovich et V. Malysheva (HAI 0123). GH, Qazrin, mixed forest, on *Cupressus* stump, 9.01.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0124). GH, Mas'ada Forest, *Q. calliprinos* forest, on broadleaf wood, 9.01.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0125). MC, Mt. Carmel Natural Park, mixed *Quercus* and *Pinus* forest, on *Quercus* branches, 12.01.2007, leg. S. Zohar, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0126). UG, Even Menahem, *Quercus* forest, on hardwood stump, 22.01.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0127). UG, Hanita Forest, *Q. calliprinos* forest, on branches of *Q. calliprinos*, 31.01.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0128). LG, Lavi Forest, mixed *Pinus* and *Quercus* forest, on oak twig, 4.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0129). UG, Kiryat Shmona, *Eucalyptus* wood, on hardwood twigs, 11.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0130). SA, Reihan Forest, mixed *Pinus* and *Quercus* wood, on hardwood twigs, 19.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0131). UG, Kiryat Shmona, *Eucalyptus* wood, on hardwood stump, 20.02.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0132). HP, Banias Park, mixed broadleaf trees, 20.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0133). UG, Sde Eliezer, on *Eucalyptus* tree, 21.02.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et

- V. Malysheva (HAI 0134). GH, Mas'ada Forest, *Q. calliprinos* forest, on oak stump, 7.03.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0135). UG, Kiryat Shmona, *Eucalyptus* wood, on hardwood stump, 7.03.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0136). LG, near Kabul, mixed hardwood forest, on *Eucalyptus* stump, 7.03.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0137). UG, Mt. Meron, *Q. calliprinos* forest, on *Quercus* stump, 9.03.2007, leg. & det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0138). UG, Bar'am Forest, *Q. calliprinos* forest, on *Quercus* stump, 9.03.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0139). PP, Ben Shemen Forest, mixed broadleaf trees, 16.03.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0140). UG, Canyon Agam, *Quercus* forest, on *Quercus* stump, 17.03.2007, leg. S. Zohar, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0141). GH, Hanita Forest, *Q. calliprinos* forest, on branches of *Q. calliprinos*, 20.03.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0142). UG, Meron Forest, on oak stump, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0298). UG, Nahal Ziv'on, on *Q. calliprinos*, 10.12.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0460).
- \*207. *Stereum hirsutum* f. *lobulatum* Tura, Zmitr. & Wasser**  
UG, Safsufa Forest, *Quercus calliprinos* forest, on oak stump, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0193).
- \*\*208. *Stereum sanguinolentum* (Alb. & Schwein.) Fr.**  
GH, near Mt. Baron, *Pinus* forest, on pine fallen wood, 26.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0143).
- 209. *Stereum subpileatum* Berk. & M.A. Curtis**  
Megido, on dry branch of *Quercus calliprinos* [4, 5, 9].
- 210. *Subulicium minus* Hjortstam**  
JM, near Jerusalem, found in *Pinus halepensis* forest [12].
- 211. *Subulicystidium longisporum* (Pat.) Parmasto**  
JM, near Jerusalem, found in *Pinus halepensis* forest [12]. UG, Nahal Kziv, on rotten oak wood, 20.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0364).
- 212. *Terana caerulea* (Lam.) Kuntze**  
GH, Mas'ada Wood, on dry branch of *Quercus calliprinos* [4, 5, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. UG, Safsufa Forest, on dead *Quercus calliprinos* wood, 19.11.2006, 11.02.2008, 10.12.2008, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0369, 0236, 0450). UG, Goren Park, on fallen oak wood, 16.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0370). GH, Mas'ada Forest, under *Quercus calliprinos*, 9.01.2007, 7.03.2007, 14.04.2008 leg. D. Tura, V. Malysheva, det. D. Tura & I. Zmitrovich (HAI 0315, 0350, 0228). UG, Meron Forest, on dead *Quercus calliprinos* wood, 9.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0368). UG, Bar'am Forest, on *Quercus* stand, 9.03.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0313).
- 213. *Thanatephorus cucumeris* (A.B. Frank) Donk**  
JM, near Jerusalem, found in *Pinus halepensis* forest [12].
- 214. *Thelephora atra* Weinm.**  
MC, Ha'arbaim Wood, on dry branch of *Quercus calliprinos* [6, 9].
- 215. *Thelephora terrestris* Ehrh.**  
PP, Tel Aviv; SP, Ilanot, around *Pinus* cut stems [6, 9].
- 216. *Tomentella badia* (Link) Stalpers**  
UG, Bar'am Wood, on rotten leaves and roots of *Quercus*; MC, on dead branch of *Quercus* [10].
- 217. *Tomentella cinereoumbrina* (Bres.) Stalpers**  
JM, Sha'ar Hagai, near Jerusalem, on dry branch of *Pinus halepensis* [6, 9].
- \*\*218. *Tomentella fuscocinerea* (Pers.) Donk**  
UG, Hiram Wood, on *Quercus calliprinos* stump, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0289).
- 219. *Tomentella griseoviolacea* Litsch.**  
MC, Bet Oren, on fallen branches and leaves of *Quercus calliprinos* [11].
- 220. *Tomentella italica* (Sacc.) M.J. Larsen**  
JM, near Jerusalem, found in *Pinus halepensis* forest [12].
- 221. *Tomentella lapida* (Pers.) Stalpers**  
MC, Ha'arbaim Wood, on dry branch of *Pinus*, Bet Oren, on bark of dry trunk of *Quercus calliprinos* [6, 9].
- 222. *Tomentella punicea* (Alb. & Schwein.) J. Schröt.**  
MC, Bet Oren, on bark of *Nerium oleander* [10].
- 223. *Tomentellastrum caesiocinereum* Svrček**  
JM, near Jerusalem, found in *Pinus halepensis* forest [12].
- 224. *Tomentellopsis echinospora* (Ellis) Hjortstam**  
UG, Hiram Wood, on dry branch of *Quercus calliprinos* [5, 7, 9].
- 225. *Tomentellopsis zygodesmoides* (Ellis) Hjortstam**  
JM, near Jerusalem, found in *Pinus halepensis* forest [12].
- \*\*226. *Trametes ochracea* (Pers.) Gilb. & Ryvarden**  
MC, Mt. Carmel Natural Park, 1997, leg. & det. (HAI 0465). GH, Mas'ada Forest, on oak stump, 7.03.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0171). UG, Hiram Forest, mixed *Quercus* and *Pinus* forest, on pine wood, 19.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0172).
- 227. *Trametes versicolor* (L.) Lloyd**  
UG, Hiram Wood, on dry branch of *Pinus*, HP, Kfar Blum, on dry branch of *Pinus*; MC, on *Pinus halepensis* [2, 5, 9]. HP, Tel Dan Natural Reserve, mixed deciduous forest, 16.02.2007, 9.01.2007, 20.02.2007, leg. Y. Ur, D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0100, 0168, 0170). UG, Hiram Forest, mixed *Quercus* and *Pinus* forest, 31.01.2007, leg. Y. Ur, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0167). UG, Nahal Zivon, on *Quercus calliprinos*, 19.11.2006, leg. D. Tura, det. D. Tura, I. Zmitrovich, and V. Malysheva (HAI 0169).



UG, Meron Forest, on pine stump, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0282).

**228. *Trechispora farinacea* (Pers.) Liberta**

UG, Bar'am Wood and MC, on dry branch of *Quercus* [4, 9]. JM, near Jerusalem, found in *Pinus halepensis* forest [12]. UG, Nahal Kziv, on rotten barkless oak wood, 20.12.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 00311).

**229. *Trechispora microspora* (P. Karst.) Liberta**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**230. *Trechispora praefocata* (Bourdot & Galzin) Liberta**

JM, near Jerusalem, found in *Pinus halepensis* forest [12]. LG, near Kabul, on *Eucalyptus* bark, 7.03.2007, leg. I. Zmitrovich, det. I. Zmitrovich (HAI 0361).

**231. *Tremella foliacea* Pers.**

MC, Bet Oren, on dry branch of *Quercus calliprinos* [6, 9].

**232. *Tremella mesenterica* Retz.**

UG, Bar'am Wood, and MC, Bet Oren, on dry branch of *Quercus calliprinos* [6, 9]. UG, Safsufa Forest, on *Quercus calliprinos* wood, 19.11.2006, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0324). UG, Bar'am Forest, on *Quercus calliprinos*, 16.12.2006, 9.03.2007, leg. D. Tura, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0321, 0330). HP, Tel Dan Park, mixed deciduous forest, 9.01.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0382). UG, Goren Park, on deciduous wood, 10.12.2007, leg. & det. S. Zohar (HAI 0381). MC, near Haifa Univ., in mixed *Quercus* and *Pinus* forest, 12.01.2007, leg. & det. S. Zohar (HAI 0310). UG, Kiryat Shmona, *Eucalyptus* forest, 20.02.2007, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0329). GH, Mas'ada Forest, on oak tree, 7.03.2007, 14.04.2008, leg. D. Tura, I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0398, 0449). UG, Hanita Forest, on fallen oak wood, 11.02.2008, leg. D. Tura, det. D. Tura & I. Zmitrovich (HAI 0391).

**233. *Tubulicrinis calothrix* (Pat.) Donk**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**234. *Tulasnella tomaculum* P. Roberts**

JM, near Jerusalem, found in *Pinus halepensis* forest [12].

**235. *Tulasnella violea* (Quél.) Bourdot & Galzin**

UG, Hiram Wood, on cut and rotten trunk of *Pinus*; MC, Joara, on dead branch of *Eucalyptus* [10].

**236. *Typhula uncialis* (Grev.) Berthier**

GH, Mas'ada Wood, scattered, erupted from minute cracks in the epidermis of dry branch of *Quercus*; HP, Tel Dan Reservation, on dead branch of *Quercus calliprinos* [8, 9, 11].

**237. *Tyromyces lacteus* (Fr.) Murrill**

MC, Bet Oren, on dead branch of *Quercus calliprinos* [2, 5, 9].

**\*\*238. *Veluticeps abietina* (Pers.) Hjortstam & Tellería**

UG, Nahal Kziv, on fallen coniferous trunks, 3.01.2001,

leg. S. Reshetnikov, det. I. Zmitrovich (HAI 0413).

**\*\*239. *Vesiculomyces citrinus* (Pers.) E. Hagstr.**

GH, Mas'ada Forest, on fallen deciduous wood, 9.12.2006, leg. Y. Ur, det. D. Tura, I. Zmitrovich (HAI 0305).

**\*\*240. *Vuilleminia macrospora* (Bres.) Hjortstam**

UG, Meron Forest, mixed *Quercus* and *Pinus* forest, on deciduous wood, 9.03.2007, leg. I. Zmitrovich, det. D. Tura, I. Zmitrovich et V. Malysheva (HAI 0152). UG, Bar'am Forest, oak forest, on fallen barkless wood, 9.03.2007, I. Zmitrovich, det. D. Tura & I. Zmitrovich (HAI 0263). MC, Mt. Carmel National Park, oak forest, on twigs, 9.04.2008, leg. D. Tura det. D. Tura & I. Zmitrovich (HAI 0210).

**241. *Vuilleminia megalospora* Bres.**

JM, near Jerusalem, found in *Pinus halepensis* forest [12]. GH, Mas'ada Forest, on *Quercus calliprinos*, 7.03.2007, leg. I. Zmitrovich det. D. Tura & I. Zmitrovich (HAI 0268). UG, Mt. Meron, on *Q. calliprinos*, 9.03.2007, leg. D. Tura det. D. Tura & I. Zmitrovich (HAI 0266). UG, Bar'am Forest, on *Q. calliprinos*, 9.03.2007, leg. I. Zmitrovich det. D. Tura & I. Zmitrovich (HAI 0267).

**242. *Xylodon pruni* (Lasch) Hjortstam & Ryvar den**

MC, near Daliath El-Carmel, on dry branch of *Quercus calliprinos*; UG, Hiram Wood, on dry branch of *Calycotome villosa* and *Q. calliprinos* [3, 5, 9].

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