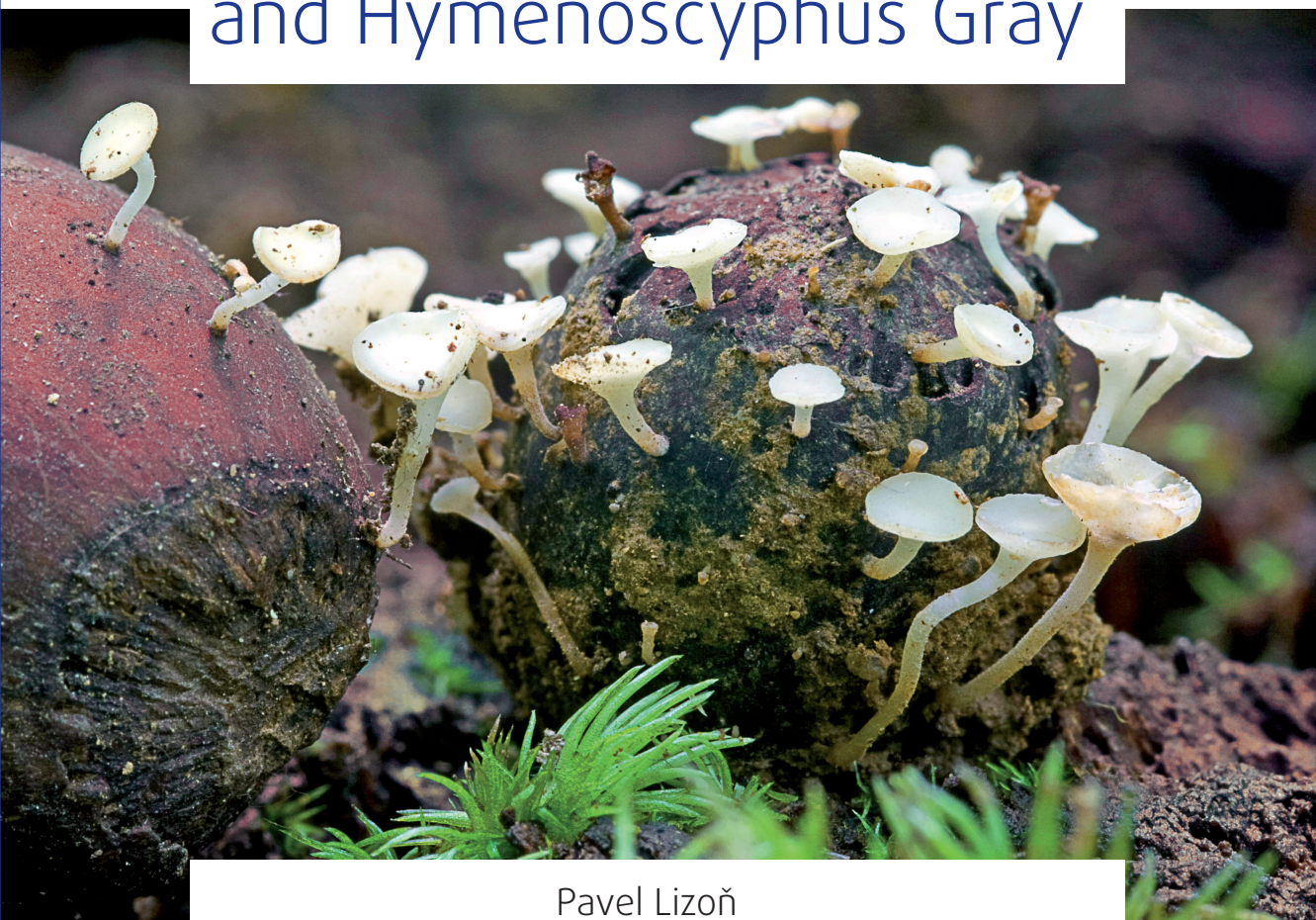


Institute of Botany, Slovak Academy of Sciences

# Catalogue of Discomycetes referred to the genera *Helotium* Pers. and *Hymenoscyphus* Gray



Pavel Lizoň  
Viktor Kučera





Institute of Botany, Slovak Academy of Sciences

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Helotium Pers. and Hymenoscyphus Gray

by

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Bratislava  
2014

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**cover photograph:**

*Hymenoscyphus fructigenus* (Spain, Luzaide/Valcarols, on *Corylus avellana*, Aug. 2008)

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To Dick Korf

## Preface

While working on the taxonomy and floristics of Inoperculate Discomycetes (Lizoň, 1992a, 1992b; Korf & Lizoň, 1994; Lizoň & al., 1998) it became obvious that a checklist or a catalogue of core genera of the Helotiaceae is essential for effective further studies. It is hoped that the preparation of a catalogue such as this will remove the necessity for those interested in Inoperculate Discomycetes to research into scores of interconnecting references, some often obscure.

This catalogue (checklist) contains all those validly published epithets (names of specific and infraspecific taxa) known to have been attributed, at some time, to the genera *Helotium* Pers. and/or *Hymenoscyphus* Gray. The checklist includes also a few unpublished or invalidly published names that have been erroneously introduced and used in the literature. Totally, there are listed and annotated more than 1200 epithets.

## Acknowledgements

The senior author wish to express his gratitude to his mentors and friends: to Dr. Ivan Pišút (emeritus research fellow, Slovak National Museum and Institute of Botany, Bratislava, Slovakia) for his introduction to the mycology and science and to Dr. Richard P. Korf (Emeritus Professor of Mycology, Cornell University, Ithaca, NY, USA) for the opportunity to join him on a discomycete journey. Hans-Otto Baral (freelance mycologist, Tübingen, Germany) kindly read, commented and helped to improve the manuscript. The project and the production of the book were supported by the Slovak Academy of Sciences – grant VEGA 2/0150/12.

# TAXONOMY AND NOMENCLATURE

## Helotium

Tode (1790) proposed the generic name *Helotium* for his two new species, *Helotium glabrum* Tode and *H. hirsutum* Tode. The first one is doubtful; the second one is presented as an agaric *Hemimycena hirsuta* (Tode) Singer today. Gmelin (1792) was the first who accepted Tode's generic name for fungi having their hymenium on the underside of fruitbodies (as usual in agarics) but within the synonymy of *H. glabrum* he mentioned also a discomycete fungus *Helotium aciculare* (Bull.) Pers.

Persoon (1794) presented *Helotium* Tode as having fruitbodies with hymenium on their underside but as the only one species he listed was *Helotium aciculare*. Later he noted (Persoon, 1797) that this species differs significantly from *Helotium hirsutum* Tode by having the hymenium on the upper side of its fruitbodies. His *Helotium* (Persoon, 1801) includes *Helotium aciculare*, *H. aureum*, *H. fimetarium* and *H. galeatum*, and "dubious" species by Tode (*H. galeatum* and *H. glabrum* and *H. melanopus* Pers. For details see analysis by Redhead (1982).

Lamarck and De Candolle (1805) were the first who, while listing *Helotium agariciforme* (Bolt.) DC. and *Helotium fimetarium* (Pers.) Pers, reserved *Helotium* Pers. (non Tode) only for Ascomycetes.

*Helvella acicularis* Bull. was later selected by Fries (1818) as type of *Helotium* and this concept was also followed by contemporary authors (Mérat, 1821; Saint-Amans, 1821; Gray, 1821).

Donk (1962), when analyzing the nomenclatural problem of *Helotium*, rejected *Helotium* Pers. and recommended to use *Helotium* Tode for agarics. He noted that *Helotium* could eventually be conserved for ascomycetes. There were some efforts to save *Helotium* in this sense. Svrček, Pouzar and Kotlaba (1968) proposed to conserve *Helotium* Pers. for ascomycetes but the nomenclatural commission rejected this proposal (Petersen, 1974). Also a proposal to reject the name *Helotium* Tode by Korf (1986) was not accepted.

A complete overview of the "case" of *Helotium*, its nomenclature and taxonomy, was given by Redhead (1982).

## Hymenoscyphus

The generic name *Helotium* was generally used for ascomycetes starting from 1832 (Fries, 1832), until Dennis (1962) suggested that most of the discomycetes referred to this genus should be transferred to *Hymenoscyphus* Gray, because of the relationship of *Helotium* Tode with basidiomycetes.

Gray (1821) based his generic names *Hymenoscyphus*, *Calycina*, *Dasyscyphus* and



*Macroscyphus* on names of "familia" by Nees (1817). There is no direct reference to Nees for *Hymenoscyphus*, but the order of genera is the same as of familia by Nees so this can be regarded not as an omission but only as an error (Korf & Carpenter, 1974) and the name might be presented as *Hymenoscyphus* Nees ex Gray. Of course, Gray's authorship, since he was not a mycologist, has a purely nomenclatural frame. *Hymenoscypha* (Fr.) W. Phillips (1887), a later homonym of *Hymenoscyphus*, is considered to represent only an orthographical variant.

Gray (1821) listed in his genus *Hymenoscyphus* 9 species (with synonyms as presented by Gray): *Hymenoscyphus rapaeformis* (*Peziza rapula* Pers.), *H. fibulaeformis* (*Peziza fibula* Bolt., Pers.), *H. tubaeformis* (*Peziza tuba* Bolt., Pers.), *H. infundibuliformis* (*Peziza calyculus* Sow., Pers., *P. infundibulum* ? Batsch), *H. fructigenus* (*Peziza fructigena* Sow., Pers.), *H. radiatus* (*Peziza coronata* Bull., *P. armata* Roth., *P. radiata* Pers., *P. inflexa* Sow.), *H. cyathoideus* (*Peziza cyathoidea* Bull., Pers., *P. solani* Pers.), *H. tenellus* (*Peziza tenella* Batsch), *H. chrysocomus* (*Peziza chrysocoma* Sow.). Only three of them are members of the genus in the current sense: *Hymenoscyphus tubaeformis*, *H. infundibuliformis* and *H. fructigenus*. Phillips (1887) included in his concept of *Hymenoscypha* 50 species and divided the genus into four subgenera (*Sclerotinia* Fuckel, *Ciboria* Fuckel, *Trichoscypha* Cooke, *Cyathoidea* W. Phillips). The genus *Hymenoscyphus* was accepted also by Kuntze (1898) including 5 of Gray's species (*H. tubaeformis*, *H. infundibuliformis*, *H. fructigenus*, *H. cyathoideus*, *H. tenellus*).

Höhnel (1918) proposed for *Helotium* subg. *Hymenoscypha* as types *Helotium scutula* (Pers.) P. Karst. and *Helotium virgultorum* (Vahl) P. Karst., but none of them was listed by Gray (1821) so none of them was later formally designated as type by other authors.

Dennis (1964), when selecting the lectotype of *Hymenoscyphus*, was looking for a species that was unambiguously and acceptably taxonomically interpreted (at that time) and was accepted also by older authors. The only species accepted by Gray (1821), Phillips (1887), Kuntze (1898) and Fries (1822) was *Peziza fructigena* Bull. Dennis (1964), while designating the lectotype, noted that most of the species presented by him in *Helotium* (Dennis, 1956) could be transferred to *Hymenoscyphus* Gray.

## **Helotiales and Helotiaceae**

When Nannfeldt (1932) published his important contribution to the systematics of inoperculate discomycetes, his system and nomenclature were generally accepted and used. His ordinal name Helotiales was based on the family name Helotiaceae Rehm that had in fact no nomenclatural status (Korf & al., 1996) because it was typified by the illegitimate name *Helotium* Pers. The best way how to save the name Helotiaceae for discomycetes was to conserve the name, and the proposal (Korf & al., 1996) was accepted by the International Botanical Congress. Later, the ordinal name Helotiales was validated by presenting a Latin diagnosis (Korf & Lizoň, 2000a).

Carpenter (1988) proposed the ordinal name Leotiales S. E. Carp. as a "nomen novum,"

to replace the (at that time) invalid ordinal name Helotiales Nannf., that was based on the illegitimate generic name *Helotium* Pers., a later homonym of *Helotium* Tode. Unfortunately, Carpenter's ordinal name was published without Latin diagnosis, and it was validated much later (Korf & Lizoň, 2000b). *Leotia* Pers. and some genera that were thought to be related on this genus have generally been placed in the Helotiales. They were considered to deserve ordinal recognition as different from the Helotiales, and that is why the family Leotiaceae Corda was accepted as separate family in a separate order Leotiales (Lizoň & al., 1998; Korf & Lizoň, 2000a).

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## CATALOGUE OF EPITHETS

Each entry has validly published name(s) with the epithet, details of publication(s), synonyms, type specimen(s) data, current name, and taxonomic and/or nomenclatural remarks, where appropriate. With very few exceptions all references have been seen and checked first-hand or copies examined. The list has also few entries based on invalidly published and erroneously cited unpublished names to make aware of their use.

Accepted boldfaced name reflects the taxonomic views of authors or it represents the “best” available current name. Great help it selecting the “best” accepted names was Index fungorum (Kirk) and papers and notes by Hans-Otto Baral, first of all the list of the genera and species of Leotiales (Baral, 2000) and his revision on the Fungi of Switzerland (Baral, 2001) and in his correspondence (Baral in litt., Oct. 2014; Baral in litt., Nov. 2014). Numerous names were not used, taxa not studied so no relevant applicable names are available.

Abbreviations of names of the authors, periodicals and books follow generally accepted standards, first of all Botanico-Periodico-Huntianum (Lawrence & al., 1968) and Botanico-Periodico-Huntianum/Supplementum (Bridson & Smith, 1991), for book abbreviations Stafleu and Cowan’s Taxonomic Literature (1976-1988, & supplements), for abbreviation of author(s) of taxa Index fungorum (Kirk), and for collection acronyms Index Herbariorum (Thiers).

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### **abacinum**

*Helotium abacinum* (Fr.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 132, 1871  
≡ *Peziza abacina* Fr., Syst. mycol. 2: 139, 1822  
Type: On rotten leaves of *Pinus*, ? Sweden; holotype not located  
Höhnel (Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1, 127: 596, 1918) noted that Karsten's *Helotium abacinum* may be not the same as described by *Peziza abacina* Fr.

### **abietinum**

*Helotium aciculare* var. *abietinum* Alb. & Schwein., Consp. fung. Lusat. 349, 1805; Fries, Syst. mycol. 2: 157, 1822  
Type: On trunk of *Abies*, Germany; holotype not located  
= ***Cudoniella queletii* var. *abietina* (Alb. & Schwein.) Boud.**, Hist. classific. Discomyc. Europe 90, 1907

### **abietis**

*Helotium abietis* P. Karst., Fungi Fenniae Exsicc. 9: 837, 1969 [Bidr. Känn. Finl. Nat. Folk 19: 154, 1871]  
Type: On twigs of *Picea abies* (*Abies excelsa*), Finland; syntype: Fungi Fenniae Exsicc. 9: 837  
= ***Lachnellula abietis* (P. Karst.) Dennis**, Persoonia 2: 183, 1962

### **abscedens**

*Helotium abscedens* (Nyl.) P. Crouan & H. Crouan, Fl. Finistère 48, 1867  
≡ *Peziza abscedens* Nyl., Flora 47: 521, 1864  
Type: On ground and "magma algosum", France; holotype not located  
≡ ***Belonidium abscedens* (Nyl.) Sacc.**, Syll. fung. 8: 498, 1889

### **acaciae**

*Helotium acaciae* Velen., Monogr. Discomyc. Boh. 1: 186, 1934  
Type: On a trunk of *Robinia*, Czech Rep. (Czechoslovakia); holotype: PRM 147505; According to Svrček (Sborn. Nár. Mus. Praha 40B: 130, 1985) the holotype that is on a spine of *Pinus* (not on wood of *Robinia* as

stated in protologue) represents probably *Phaeohelotium imberbe* (Bull) Svrček.

### **acarius**

*Hymenoscyphus epiphyllus* var. *acarius* (P. Karst.) Hengstm., Persoonia 12: 489, 1985  
≡ *Peziza epiphylla* var. *acaria* P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 10: 143, 1869  
Type: On needle of *Pinus sylvestris*, Finland; holotype: ? H  
≡ ***Phaeohelotium epiphyllum* var. *acarium* (P. Karst.) Hengstm.**, Mycotaxon 107: 273, 2009

### **acerinum**

*Helotium acerinum* Velen., Opera Bot. Čech. 4: 120, 1947  
Type: On trunk of *Acer platanoides*, Czech Rep. (Czechoslovakia); holotype: PRM 148029  
= ***Hymenoscyphus calyculus* (Sowerby) W. Phillips** sensu Dennis [fide Svrček, Sborn. Nár. Mus. Praha 40B: 130, 1985]

### **aciculare**

*Helotium aciculare* (Bull.) Pers., Syn. meth. fung. 2: 677, 1801  
≡ *Helvella acicularis* Bull., Herb. Fr. 10: pl. 473, fig. 1, 1790; Fries, Syst. mycol. 2: 156, 1822  
Type: On trunk of *Quercus*, Sweden; holotype not located  
≡ ***Cudoniella acicularis* (Bull.) J. Schröt.**, Pilze Schles. 3(2): 21, 1893

### **acicularum**

*Helotium acicularum* (Rolland) Sacc., Syll. fung. 10: 8, 1895  
≡ *Calycella acicularum* Rolland, Bull. Soc. Mycol. France 5: 17 [pl. 15, fig. 3], 1889  
Type: On needles of *Larix*, France; holotype: missing in PC (Carrpenter, l. c.)  
Later homonym of *Helotium aciculare* (Bull.) Pers.

### **aconiti**

*Hymenoscyphus aconiti* (Saut.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza aconiti* Saut., in Rabenh., Deutschl. Krypt-fl., ed. 1, 1: 344, 1844

Type: On dead stems of *Aconitum*, Austria;  
holotype: W  
≡ ***Calycella aconiti* (Saut.) R. Heim**, Trab. Mus.  
Nac. Cienc. Nat., Ser. Bot. 15(3): 32, 1934  
According to Keissler (Ann. Nat-hist. Mus. 31:  
84, 1917) it might be conspecific with *Mollisia*  
*plicata* (Rehm) Sacc.

### **acutisporum**

*Helotium acutisporum* Velen., Monogr.  
Discomyc. Boh. 1: 198 [2: pl. 19, fig. 19], 1934  
Type: On cones of *Larix*, *Picea*, on trunks of  
*Picea*, *Abies*, Czech Rep. (Czechoslovakia);  
syntypes: PRM 147568, 147570; lectotype:  
PRM 147211 (designat. by Svrček, l. c.)  
= ***Hymenoscyphus scutula***  
[fide Svrček, Sborn. Nár. Mus. Praha 40B: 131,  
1985]

### **acuum**

*Helotium acuum* (Alb. & Schwein.) Fr., Summa  
veg. Scand., sect. post. 355, 1849  
*Hymenoscyphus acuum* (Alb. & Schwein.)  
J. Schröt., in Engler & Prantl, Nat.  
Pflanzenfam. 1(1): 204, 1897  
≡ *Peziza amorpha* f. *acuum* Alb. & Schwein.,  
Consp. fung. Lusat. 330, 1805  
Type: On cone of *Pinus*, Germany/Poland  
(Lusatia); holotype not located  
≡ ***Cistella acuum* (Alb. & Schwein.) Svrček**,  
Čes. Mykol. 13: 211, 1959

### **adlasiopodium**

***Hymenoscyphus adlasiopodium* Zheng**  
**Wang**, in Wang & Pei, Mycotaxon 79: 308, 2001  
Type: On rotten root of *Carex humilis*, China;  
holotype: HMAS

### **advenulum**

*Helotium advenulum* W. Phillips, in W. Phillips &  
Plowright, Grevillea 6: 24, 1877  
*Hymenoscyphus advenulus* (W. Phillips) W.  
Phillips, Man. Brit. Discomyc. 133, 1887  
Type: On leaves of *Larix*, United Kingdom;  
holotype: K(M), isotypes: NY 01169343 (noted  
'ex K, holotype'), NY 01169340, NY 01169339  
(microslide)  
Treated by Dumont (Mycologia 67: 235,

1976) in *Moellerodiscus* and Hosoya & Otani  
(Mycoscience 38: 303, 1997) in *Lambertella* but  
the species is closer to *Calycina* (Baral in litt.,  
Oct. 2014).

### **aeruginellum**

*Helotium aeruginellum* P. Karst., Not. Sällsk.  
Fauna et Fl. Fenn. Förh., Preprint 9: 320, 1868  
Type: On stems of *Spirea ulmaria*, Finland;  
holotype: ? H

≡ ***Chlorociboria aeruginella* (P. Karst.)**

**Dennis** ex C. S. Ramamurthi, Korf & L. R. Batra,  
Mycologia 49: 859, 1958

### **aeruginosum**

*Helotium aeruginosum* (Oeder) Gray, Nat. arr.  
Brit. pl. 1: 661, 1821  
≡ *Helvella aeruginosa* Oeder, Fl. Danica, pl. 534,  
fig. 2, 1770; Fries, Syst. mycol. 2: 130, 1822  
Type: On ?, Denmark; lectotype not  
designated  
≡ ***Chlorociboria aeruginosa* (Oeder) Seaver**  
**ex C. S. Ramamurthi, Korf & L. R. Batra**,  
Mycologia 49: 859, 1958

### **aesculi**

*Hymenoscyphus albidus* var. *aesculi* W. Phillips,  
Man. Brit. Discomyc., ed. 2, 138, 1893  
Type: On petioles of *Aesculus hippocastanum*,  
United Kingdom; holotype: ? K(M) – not  
located  
? = *Hymenoscyphus aesculi*

### **aesculi**

*Helotium aesculi* Velen., Opera Bot. Čech. 4:  
120, 1947  
Type: On leaves of *Aesculus hippocastanum*,  
Czech Rep. (Czechoslovakia); holotype: PRM  
148922  
≡ ***Hymenoscyphus aesculi* (Velen.) Baral & E.**  
**Rubio**, in Baral & Bemann, Mycology 5: 254,  
2014  
Treated by Svrček (Sborn. Nár. Mus. Praha 40B:  
131, 1985) in *Lanzia*.

### **aesculicarpa**

*Helotium scutula* var. *aesculicarpa* Syd., Ann. Mycol. 19: 141, 1921

Type: On cups of *Aesculus hippocastanum*, Germany, syntype: Mycoth. Germ. 1637, K(M) 2 spec., BPI 655393, FH 00433690, MICH 14183, S F10584, CUP Mycoth. Germ.

? = *Hymenoscyphus scutula* (Dennis, Persoonia 3: 65, 1964)

### **affinissimum**

*Helotium affinissimum* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 33: 32. 1883

*Hymenoscyphus affinissimus* (Peck) Kuntze, Revis. gen. pl. 3(2): 485, 1898

Type: On decaying sticks buried in the ground, USA ; holotype: NYS f000097

= ***Lachnum pygmaeum*** [fide White, Mycologia 34: 178, 1942]

### **africanus**

***Hymenoscyphus africanus* Descals, P. J.**

**Fisher & J. Webster**, Trans. Brit. Mycol. Soc. 83: 541, 1984

Holotype: On submerged leaves, Malawi, K(M), [HME 4183]

### **agaricicola**

*Helotium agaricicola* Berk. & Broome, J. Linn. Soc., Bot., 14: 107, 1875

Type: On decaying agarics, Sri Lanka (Ceylon); holotype: K(M); isotype: ? CUP

≡ ***Lambertella agaricicola* (Berk. & Broome) Dumont**, Mem. New York Bot. Gard. 22: 18, 1971

### **agariciforme**

*Helotium agariciforme* (Bolt.) DC., in Lamanck & Candolle, Fl. Francaise, Ed. 3, 2: 75, 1805

≡ *Helvella agariciformis* Bolt., Hist. fungusses 3[1790]: 98 [pl. 98, fig. 1], 1789

Type: About the roots of trees under the hypnum and other mosses, United Kingdom; holotype not located

= *Helotium aciculare* Fr. [fide Saccardo, Syll.

fung. 8: 217, 1889] ≡ ***Cudoniella acicularis***

**(Fr.) J. Schröt.**, Pilze Schles. 3(2): 21, 1893 Gmelin (Syst. Naturae, Ed. 13, 2(2): 1442, 1792)

erroneously listed the name as *Helotium 'agaricoides'* Bolton.

### **agaricinum**

*Helotium agaricinum* (Berk.) W. Phillips, Man. Brit. Discomyc. 170, 1887

≡ *Peziza agaricinum* Berk., in Smith, Engl. Fl., Fungi, ed. 2, 5(2): 207, 1836

Type: On decayed wood, United Kingdom; holotype: K(M) not located

= *Corynella atrovirens* (Pers.) Boud. [fide Nannfeldt, Trans. Brit. Mycol. Soc. 20: 199, 1936] ≡ ***Claussenomyces atrovirens* (Pers.)**

**Korf & Abawi**, Canad. J. Bot. 49: 1882, 1971

### **agaricoides**

*Helotium agaricoides* J. F. Gmel., see *agariciforme*

### **aglaeosporum**

*Helotium aglaeosporum* Berk., Grevillea 4: 1, 1875

Type: On dead wood, USA; holotype: K(M); isotype: ? CUP Durand

### **agrostideum**

*Helotium agrostideum* Velen., Monogr.

Discomyc. Boh. 1: 198 [2: pl. 19, fig. 26], 1934

Type: On rhizome of *Agrostis*, Czech Rep. (Czechoslovakia); lectotype: PRM 148237 (designat. by Svrček, l. c.)

Svrček (Sborn. Nár. Mus. Praha 40B: 131, 1985) noted that the species is close to *Hymenoscyphus pileatus*.

### **agyrioides**

*Helotium agyrioides* P. Crouan & H. Crouan, Fl. Finistère 47, 1867

Type: On rotten wood, France; holotype: CO Probably a pale form of *Agyrium rufum* Pers. (Le Gal, Rev. Mycol. 18: 122, 1953).

### **airae**

*Helotium airae* Velen., Monogr. Discomyc. Boh. 1: 199 [2: pl. 20, fig. 52], 1934

*Hymenoscyphus airae* (Velen.) Dennis, Persoonia 3: 76, 1964

Type: On stem of *Aira caespitosa*, Czech Rep. (Czechoslovakia); syntypes: on *Poa nemoralis*,

PRM 147510; on *Aira cespitosa* (= *Deschampsia caespitosa*), PRM 147408 (as holotype by Svrček, 1985: 132)

≡ ***Cyathicula airae* (Velen.) Baral**, Z. Mykol. 59: 5, 1993

For synonyms see Carpenter (Mem. New York Bot. Gard. 33: 133, 1981).

### **alabastrinum**

*Helotium alabastrinum* (Fr.) Sacc., Syll. fung. 8: 219, 1889

≡ *Peziza alabastrina* Fr., Syst. mycol. 2: 125, 1822

Type: On stems, ? Sweden; holotype not located

For details see Carpenter (Mem. New York Bot. Gard. 33: 186, 1981).

### **alaskae**

*Helotium alaskae* Sacc., in Saccardo, Peck & Trelease, Harriman Alaska Ser. 5: 25, tab. 2, fig. 3, 1889

Type: On decaying decorticated wood, USA (Alaska); holotype: ? PAD, isotype: ? CUP  
Durand

### **alba**

*Helotium ciliatosporum* f. *alba* Le Gal, Rev. Mycol. 3: 140, 1938

*Helotium scutula* f. *album* (Le Gal) Dennis, Mycol. Pap. 62: 77, 1956

Type: On branches, France; holotype: ? PC  
= ***Hymenoscyphus scutula***

### **alba**

*Helotium nigripes* var. *alba* Sacc., Syll. fung. 8: 215, 1889

Type: On rotten leaves and trunks, Cuba; holotype: ? PAD

= ***Ombrophila nigripes* (Pers.) Boud.**, Hist. classif. Discomyc. Europe 92, 1907

### **albidorozeus**

*Hymenoscyphus albidorozeus* (Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Pezizella albidorozea* ['*albido-rosea*'] Rehm, Pilze Deutschl., Hyster. Discomyc. 682 (1892) [1896]

Type: On wet previous year's stems of *Scirpus lacustris*, Germany; syntype: Ascomyceten 12: 562 (as "? *Helotium robustius* Karst."), S F6136, S F69055

= *Lachnum luteodiscum* (Peck) J.H. Haines, Mycotaxon 35: 332, 1989 [fide]

### **albidulum**

*Helotium cyathoideum* var. *albidulum* (Hedw.) P. Karst., Not. Sälls. Fauna Fl. Fenn. Förh. 11: 237, 1870

≡ *Octospora albidula* Hedw., Desc. Micr.-Anal. Musc. Frond. 2: 30 [pl. 9, fig. B], 1789

Type: On a twig, ? Germany; holotype: no material found at G (Carpenter, Mem. New York Bot. Gard. 33: 187, 1981)

### **albidum**

*Helotium albidum* P. Crouan & H. Crouan, Fl. Finistère 47, 1867

Type: On ground, France; holotype: CO  
It is close to *Cistella* Quél. emend. Nannf. (Le Gal, Rev. Mycol. 18: 110, 1953).

### **albidum**

*Helotium albidum* [*albellum*'] (With.) P. Karst., Bidr. Känned. Finl. Natur Folk 19:116, 1871

≡ *Peziza albida* With., Bot. arr. Brit. pl. ed. 3 4: 350, 1796

*Hymenoscyphus albidus* ['*albellus*'] (With.)

Kuntze, Revis. gen. pl. 3(2): 485, 1898

Type: On soil ("on the cellar floor, in the joints of the bricks"), United Kingdom; holotype not located

?= *Peziza domiciliana* Cooke

Nannfeldt (Trans. Brit. Mycol. Soc. 23: 244, 1939) noted that this is an operculate fungus, perhaps *Peziza adae* Sadl. (= *P. domiciliana* Cooke), and that Withering's original name '*albida*' was misspelled by Fries (Syst. mycol. 2: 146, 1822) and later authors as '*albella*'. Fries (1822: 146) believed that *Helotium albidum* is a synonym of *Pezizella vulgaris* (Fr.) Sacc.

### **albidum**

*Helotium scutula* var. *albidum* (Roberge ex Desm.) P. Karst., Bidr. Känned. Finl. Nat. Folk 19: 112, 1871



*Helotium albidum* (Roberge ex Desm.) Pat., Tab. anal. fung. 4: 173, 1885

≡ ***Hymenoscyphus albidus* (Roberge ex Desm.) W. Phillips**, Man. Brit. Discomyc. 138, 1887

≡ *Peziza albida* Roberge ex Desm., Ann. Sci. Nat., Bot., ser. 3, 16: 323, 1851

Lectotype (designat. by White, Farlowia 1: 609, 1944): On petioles of *Fraxinus*, France, Desm., Pl. Crypt. N. France, Ed. 1, no 2004, FH; isolectotypes: Ed. 1, 2004, K(M) 1 specimen; Ed. 2, no. 1604, K(M) 2 specimens; Ed. 2, no. 1604, PC (designat. as lectotype by Carpenter, Mem New York Bot. Gard. 33: 187, 1981); Ed. 1, no. 2004, GENT (designat. as lectotype by Queloz & al., Forest. Path. 41: 133-142, 2010)

Queloz & al. (l. c.) noted that the original description of *H. albidus* refers to material distributed as *Peziza albida* Rob. ex Desm. in Pl. Cryptog. Nord France, no. 2004 (1<sup>st</sup> ed.) and no. 1604 (2<sup>nd</sup> ed.). Homonym of *Helotium albidum* P. Crouan & H. Crouan, 1867. Gillet (Champ. France, Discomyc. 4: 105, 1881) presented the species as '*Phialea albida* Desm.' For taxonomy see Kowalski & Holdenrieder (Pathol. 39: 304-308, 2009) and Zhao & al. (Mycotaxon 122: 25-41, 2012).

### **albineum**

*Helotium cyathoideum* subsp. *albineum* P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 237, 1870

*Helotium dolosellum* subsp. *albineum* (P. Karst.) P. Karst., Bidr. Känn. Finlands Natue Folk 19: 138, 1871

Type: On *Galium ver.*, Finland; holotype: H; isotype: UPS (Carpenter, l. c.)

= ***Crocicreas cyathoideum* (Bull.) S. E. Carp.**, Brittonia 32: 269, 1980 [fide Carpenter, Mem. New York Bot. Gard. 33: 66, 1981]

### **albipes**

*Helotium albipes* Velen., Novit. mycol. 183, [1939] 1940

Type: On rotten wood of *Alnus*, Ukraine (Czechoslovakia); holotype: PRM 148895 According to Svrček (Sborn. Nár. Mus. Praha 40B: 133, 1985) holotype represents a member of *Bisporella*.

### **alboatrum**

*Helotium alboatrum* Henn., Hedwigia 41: 24, 1902

Type: On rotten leaves, Brazilia; holotype: no spec. in B (Hein, Englera 10: 41, 1988); holotype: S F67070 (data on label correspond with the protologue); ? isotype: NY 01169344 ≡ ***Lanzia alboatra* (Henn.) Dumont**, Mycotaxon 12(2): 320, 1981

### **albofuscidulum**

'*Helotium albofuscidulum* Rehm', Öster. Bot. Z. 56: 346, 1906 – nom. nud.

Type: On dead stems of *Aconitum*, Austria; 'holotype': S F9742 (specimen notes: Carpenter: 13-IX-1979, cf. *Bisporella*; Arendholz: 6/'83, *Pezizella albofuscidulum* (Rehm ex Arendh.) Arendh., comb. nov. ined.)

### **albohyalinum**

*Helotium albohyalinum* (P. Karst.) P. Karst., Bidr. Känned. Finl. Nat. Folk 19: 146, 1871

≡ *Peziza albohyalina* P. Karst., Not. Sällsk. Fauna Fl. Fenn. 10: 189, 1869

Type: On wood and bark of *Alnus incana*, Finland; lectotype: H - Karsten 579 (designat. by Huhtinen, l. c.)

***Hyaloscypha albohyalina* (P. Karst.) Boud.**, Hist. classif. Discomyc. Europe 127, 1907 [fide Huhtinen, Karstenia 29: 93, 1990]

### **albolilacinum**

*Helotium albolilacinum* ['*albo-lilacinum*'] Pat., Tab. anal. fung. 3: 128 [fig. 289], 1883

Type: On dead stems of *Sambucus ebulus*, France; holotype: ? FH

≡ ***Pachydisca albolilacina* (Pat.) Boud.**, Hist. classif. Discomyc. Europe 93, 1907 Description is presented also in the Patouillard's Tabulae book review by Roumeguere (Rev. Mycol. (Toulouse) 6: 187, 1884).

### **alboluteum**

*Helotium alboluteum* (Pers.) P. Karst., Bidr. Känned. Finl. Natur Folk 19: 160, 1871

Basionym: *Peziza albolutea* ['*albo-lutea*'] Pers., Icon. descr. fung. 2: 31 [pl. 8, fig. 4, 5], 1800

≡ ***Hyaloscypha albolutea* (Pers.) Velen.**,  
Monogr. Discomyc. Bohem. 1: 272, 1934  
All authors, including Fries (Syst. mycol. 2: 100,  
1822 – *P. variegata* entry) and Karsten (l. c.)  
have cited p. 31 and pl. 8 of Persoon's *Icones*  
et descriptions fungorum fasc. 2 (1800) as  
the place where *Peziza albolutea* [*albo-lutea*']  
was erected. But on that page and that plate  
are only *Peziza ampliata* and *Peziza sulphurea*  
described and depicted.

#### **alboniveus**

*Hymenoscyphus alboniveus* (Rehm) Kuntze,  
Revis. gen. pl. 3(2): 485, 1898  
≡ ***Pezizella albonivea* Rehm**, Pilze Deutschl.,  
Hyster. Discomyc. 1231, 1896  
Type: On dry leaf petioles of *Robinia*  
*macrophylla*, Germany; type: S F223293  
(Ascomyceten 24: 1161, 1896), S F91520  
(Mycotheca Marchica 36-38: 3779, 1892)  
Either Ascomyceten or Mycotheca Marchica  
are mentioned in the protologue but data  
correspond with those on labels of these  
exsiccatæ collection.

#### **albopunctum**

*Helotium albopunctum* Peck, Rep. (Annual)  
New York State Mus. Nat. Hist. 31[1877]: 47,  
1878  
***Hymenoscyphus albopunctus* (Peck) Kuntze**,  
Revis. gen. pl. 3(2): 485, 1898  
Type: On fallen leaves of *Fagus grandifolia*,  
USA; holotype: NYS f000173; isotypes: NY  
01169345, NY 01169346, NY 01169348 and NY  
01169347 (microslides), FH 00433654  
'*Helotium albopunctum* (Desm.) Bucknall,  
Proc. Bristol Nat. Soc. 3: 137, 1882' mentioned  
by White (Mycologia 34, 142, 1942) does not  
exist.

#### **albovirens**

*Helotium albovirens* Cooke, Bull. Buffalo Soc.  
Nat. Sci. 2: 299, 1875  
Type: On rotten wood of *Acer*, USA; holotype:  
NY 01169349; presumable isotypes: NY  
01169350, CUP D-03745, BPI 654350, S F64672  
= *Corynella prasinula* (P. Karst.) Boud. [fide  
Dennis, Persoonia 3: 34, 1964]

= ***Claussenomyces prasinulus* (P. Karst.) Korf  
& Abawi**, Canad. J. Bot. 49: 1882, 1971

#### **alboviridis**

*Hymenoscyphus alboviridis* (Saut.) Kuntze,  
Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza alboviridis* [*albo-viridis*'] Saut., Flora  
24: 314, 1841  
Type: On stems of *Rubus idaeus*, Austria;  
holotype: W (very young apothecia – Keissler,  
Ann. Nat-hist. Mus. 31: 86, 1917)  
≡ ***Pezizella alboviridis* (Saut.) Sacc.**, Syll.  
fung. 8: 278, 1889

#### **album**

*Helotium ciliatosporum* f. *album* Le Gal, Rev.  
Mycol. 3: 140, 1938  
*Helotium scutula* f. *album* (Le Gal) Dennis,  
Mycol. Pap. 62: 77, 1956  
Type: On branches, France; holotype: ?PC  
= ***Hymenoscyphus scutula***

#### **album**

*Helotium album* Pers., Mycol. Eur. 1: 347, 1822  
Type: On decaying leaves and wood, ? Italy;  
holotype not located  
The species might be based on description  
and drawing of the fungus in the genus  
Fungoidaster by Micheli (Nov. pl. gen. 201,  
pl. 82, fig. 3, 1729) that was cited by Persoon.  
Homonym of *Helotium album* Schumach.  
(1803).

#### **album**

*Helotium album* Schumach., Enum. pl. 2: 412,  
1803; Fries, Syst. mycol. 2: 157, 1823  
*Helotium subtile* var. *album* (Schumach.) Pers.,  
Mycol. eur. 1: 344, 1822  
Type: On leaves of grasses, Denmark; holotype  
not located  
≡ ***Ombrophila alba* (Schumach.) Boud.**, Hist.  
classif. Discomyc. Europe 93, 1907

#### **albuminum**

*Helotium albuminum* [*albumineum*'] (Cooke &  
Peck) Sacc., Syll. fung. 8: 124, 1889  
≡ *Peziza albumina* Cooke & Peck, in Peck,  
Rep. (Annual) New York State Mus. Nat. Hist..

26[1873]: 81, 1874

Type: On decorticated twigs, USA; holotype: not located in NYS; isotypes: K(M) 3 spec., ? CUP Durand

### **alismaceum**

*Helotium alismaceum* Velen., Monogr. Discomyc. Boh. 1: 202 [2: pl. 20, fig. 1], 1934  
***Hymenoscyphus alismaceus* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 133, 1985  
Type: On stems of *Alisma plantago*, Czech Rep. (Czechoslovakia); holotype: PRM 147258 (tagged as lectotype by Svrček, l. c.)  
This is a synonym of *Hymenoscyphus menthae* (Baral in litt., Oct. 2014).

### **allantosporum**

*Helotium allantosporum* Dennis, Kew Bull. 15(2): 303, 1961  
Type: On bark of unknown tree, New Zealand; holotype: [piece of wood], K(M) (noted 'duplicate of PDD 19034'); isotype: PDD 19034  
≡ ***Lanzia allantospora* (Dennis) Spooner**, Helot. Australasia 343, 1987

### **alligatus**

*Hymenoscyphus alligatus* (Berk. & Broome) Lindau, in Engler & Prantl, Nat. Pflanzenfam. 1(1): 204, 1897  
*Peziza alligata* Berk. & Broome, J. Linn. Soc., Bot. 14 (no. 74): 107 (1873) [1875]  
Type: On dead leaves, Sri Lanka (Ceylon); holotype not located in K(M)  
≡ ***Pseudohelotium alligatum* (Berk. & Broome) Sacc.**, Syll. fung. 8: 301, 1889

### **alni**

*Helotium amenti* f. *alni* Sacc., Michelia 2: 612, 1882  
Type: On fruit of *Alnus glutinosa*, France; holotype: PAD, isotype: NY 01169353 (microslides)  
= ***Ciboria viridifusca* (Fuckel) Höhn.**, Mitt. Bot. Inst. TH Wien 3(3): 101, 1926 [fide Dixon, Mycotaxon 1: 86, 1974]

### **alnicola**

*Helotium alnicola* Kauffman, Pap. Michig. Acad.

Sci. Arts Lett. 1: 106, 1921

Type: On dead trunks of *Alnus tenuifolia*, USA; holotype: MIC 14172

### **alniellus**

*Helotium alniellum* (Nyl.) P. Karst., Not. Sälls. Fauna Fl. Fenn. Förh. 11: 239, 1870  
*Hymenoscyphus alniellus* (Nyl.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza alniella* Nyl., Not. Sälls. Fauna Fl. Fenn. Förh. 10: 45, 1869  
Type: On a catkin of *Alnus*, Finland; holotype not located  
≡ ***Calycellina alniella* (Nyl.) Baral**, Z. Mykol. 59: 4, 1993

### **alnisedum**

*Helotium alnisedum* Velen., Monogr. Discomyc. Boh. 1: 185, 1934  
Type: On cut trunks of *Alnus*, Czech Rep. (Czechoslovakia); lectotype: PRM 148887 (designat. by Svrček, l. c.)  
= ***Hymenoscyphus parilis*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 133, 1985]

### **alpestre**

*Helotium herbarum* f. *alpestre* Rehm, Hedwigia 24: 229, 1885.  
*Helotium conscriptum* f. *alpestre* (Rehm) Sacc., Syll. fung. 8: 232, 1889  
Type: no specimen mentioned in the protologue (Rehm l. c.); syntype: Ascomyceten 17: 809 (on decaying stems of *Aconitum napellus*, [Hungarian Empire]), S F64027, S F64028; 'lectotype': S-F10534 (same data but not issued in Ascomyceten, noted by Arendholz 6/'82)  
= ***Calycina herbarum***

### **alutaceum**

*Helotium alutaceum* Berk. & Broome, J. Linn. Soc., Bot., 14: 107, 1873  
Type: On [no substrate], Sri Lanka (Ceylon); holotype: K(M) (Dennis l. c.) – not located there  
≡ ***Kotlabaea alutacea* (Berk. & Broome) K. B. Khare**, Nova Hedwigia 77: 466, 2003

### **alutipes**

*Hymenoscyphus alutipes* (W. Phillips) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza alutipes* W. Phillips, Grevillea 7: 23, 1878

Type: On decaying foliage of *Libocedrus decurrens*, USA; ? type: FH 00464903

≡ ***Chloroscypha alutipes* (W. Phillips)**

**Dennis**, Persoonia 3: 34, 1964

### **amaranthi**

*Helotium cacaliae* var. *amaranthi* Thüm., Mycotheca Univ. 19: 1811, 1880

Type: On stems of *Amaranthus retroflexus*, France; syntype: Mycotheca Univ. 19: 1811; lectotype ('isotypus'): S F11647 (designat. by Carpenter, 1981: 80)

= ***Crocicreas cyathoideum* var. *cacaliae*** [fide Carpenter, Mem. New York Bot. Gard. 33: 78-79, 1981]

### **ambiguum**

*Helotium ambiguum* Rick, Brotéria, ser. Bot., 25: 109, 1931

Type: On decorticated wood, Brazil; holotype missing in PACA

'*Helotium ambiguum* Kauffman 1921' does not exist.

### **amelli**

*Helotium scutula* var. *amelli* Rabenh., Fungi Europaei 22: 2105, 1876

Type: On stems of *Aster amellus*, Germany; syntype: Fungi Europaei 22: 2105, S F202552, S F202553

### **amentaceus**

*Hymenoscyphus amentaceus* (Balbis) W. Phillips, Brit. Discomyc. 120, 1887

≡ *Peziza amentacea* Balbis, Mem. Acad. Sci. Turin, Sci. Phys., 8: 79 [pl. 2], 1804

Type: In solis amentis putrefactis *Betulae Alni*, Italy; holotype not located

≡ ***Ciboria amentacea* (Balb.) Fuckel**, Jahrb. Nassau. Ver. Naturk. 23-24: 311, 1870

### **amenti**

*Helotium amenti* (Batsch) Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 313, 1870

*Hymenoscyphus amenti* (Batsch) W. Phillips, Brit. Discomyc. 143, 1887

≡ *Peziza amenthi* Batsch, Elenchus fung. 1: 211 [fig. 148], 1786; Fries, Syst. mycol. 2: 127, 1822

Type: On dry stem, Germany; neotype: On aments of *Salix caprea*, Germany, Kunze, Fungi sel. exs. 2: 185, NY 00915376 (desig. by Carpenter, l. c.); isoneotype: S F92086, S F92092, S F92126

≡ ***Cyathicula amenti* (Batsch) Baral & R.**

**Galán**, in Baral & al., Mycosystema 32: 420, 2013

For details see Carpenter (Mem. New York Bot. Gard. 33: 30, 1981) and Baral (2000).

### **americana**

*Helotium fimetarium* var. *americana* Schwein., Syn. fung. Carol. Sup. 98, 1822

Type: On excrement of a cat, USA; holotype not located

### **ammoides**

*Helotium ammoides* (Sacc.) Seaver, N. Amer. Cup-fung. Inoperc. 145, 1951

≡ *Pseudohelotium ammoides* Sacc., Ann. Mycol. 6: 564, 1908

Type: On decaying bark of *Carpinus*, USA; holotype: ? PAD

### **ammonis**

*Helotium ammonis* Velen., Monogr. Discomyc. Boh. 1: 200 [2: pl. 20, fig. 36], 1934

Type: On grasses, Czech Rep.; lectotype: PRM 148032 (designat. by Svrček, Sborn. Nár. Mus. Praha 40B: 133, 1985, on rhizomes of a grass); syntype: PRM 147516

= ***Hymenoscyphus graminium***

### **amoenum**

*Helotium amoenum* Velen., Monogr. Discomyc. Boh. 1: 198, 1934

Type: On sheaths of *Carex praxos* and *C. schreberi*, Czech Rep. (Czechoslovakia); lectotype: PRM 150140 (designat. by Svrček, Sborn. Nár. Mus. Praha 40B: 134, 1985);

syntype: PRM 147506

Homonym of *Helotium amoenum* Fautrey (1891).

### **amoenum**

*Helotium amoenum* (Pat.) Sacc. & Trotter, Syll. fung. 12: 653, 1913

≡ *Pachydisca amoena* Pat., Bull. Soc. Mycol.

France 21: 120, 1905

Type: On thali of *Riccia* sp., Algeria; holotype not located

Homonym of *Helotium amoenum* Fautrey (1891).

### **amoenum**

*Helotium amoenum* ['*amaenum*'] Fautrey, in Roumeguère, Rev. Mycol. (Toulouse) 13: 124, 1891

≡ *Pachydisca amoena* Pat., Bull. Soc. Mycol.

France 20: 120, 1905

Type: On *Aspidium filix-mas*, France; syntype: Fungi select. Gallici 58: 5705, K(M), ? NY 01169351

? = *Allophylaria campanuliformis* (Fuckel) Svrček, Čes. Mykol. 43: 224, 1989 (Baral in litt., Oct. 2014)

### **amplum**

*Helotium amplum* (Ellis & Everh.) Seaver, N. Amer. Cup-fung. Inoperc. 133, 1951

≡ *Phialea ampla* Ellis & Everh., Bull. Torrey Bot. Club 24: 135, 1897

Type: On dead branches of *Salix*, USA, syntype: Reliquiae Sukdorfiana 26 (Mt. Paddo in the protologue but Mt. Adams on the label – both Sukdorf no. 493), S F64673, NY 937342 (tagged 'holotype'), K(M)

= *Helotium conscriptum* [fide Dennis, Persoonia 3: 35, 1964] = ***Hymenoscyphus virgultorum***

### **angelense**

*Helotium angelense* Starbäck, Ark. Bot. 2(5): 4, 1904

Type: On fallen leaves, Brazil; holotype: S F64684

### **angustisporus**

***Hymenoscyphus angustisporus*** Svrček, Čes. Mykol. 42: 139, 1988

Type: On old leaves of *Aesculus*

*hippocastanum*, Czech Rep. (Czechoslovakia); holotype: PRM (Svrček, l. c.)

Probably a member of *Calycina* (Baral in litt., Oct. 2014).

### **anonymus**

*Hymenoscyphus anonymus* (Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Pezizella anonyma* Rehm, Hedwigia 34(Beibl.): 165, 1895

Type: On *Vasaria baccharidis*, Ecuador; syntype: Ascomyceten 23: 1115b, S F10641; lectotype: S F10640, isolectotype: NY (desig. by Sherwood & Korf, Mycotaxon 3: 323, 1976)

≡ ***Pithyella anonyma* (Rehm) Korf & W. Y. Zhuang**, Mycotaxon 29: 4, 1987

### **antarcticum**

*Helotium antarcticum* Speg., Bol. Acad. Nac. Cienc. Córdoba 11(2): 261, 1888

Type: On decorticated rotten trunk of *Fagus betuloideus*, Argentina (Terra del Fuego); holotype: LPS 28132; ? isotype: BPI 737533 = *Cyathicula chlorosplenioides* (Speg.)

Gamundi, Darwiniana 12: 417, 1962 [fide] = ***Poculum chlorosplenioides* (Speg.) Dumont & S. E. Carp.**, in Carpenter, Mem. New York Bot. Gard. 33: 200, 1981

### **apostata**

*Helotium apostata* Rehm, Ascomyceten 8: 254b, 1876 [Ber. Naturhist. Ver. Augsburg 26: 63, 1881]

Type: On stems of *Calamagrostis sylvatica*, Germany; syntype: Ascomyceten 6: 254, S F51471, S F51470; lectotype: S F11635 (designat. by Carpenter, l. c.)

≡ ***Crocicreas culmicola* (Desm.) S. E. Carp.**, Brittonia 32: 269, 1980 [fide Carpenter l. c.]

### **appendiculatum**

*Helotium appendiculatum* (Oudem.) Boud., Hist. classif. Discomyc. Europe 114, 1907

≡ *Phialea appendiculata* Oudem., Versl.

Meded. Afd. Natuurk. Kon. Akad. Wetensch., ser. 3, 7: 313, 1890

Type: On stems of *Mentha*, Netherlands; holotype: L [Carpenter, l. c.]

= *Helotium scutula* [fide White, Mycologia 34: 160, 1942] ≡ ***Hymenoscyphus scutula***

### **aquaticum**

*Helotium aquaticum* Curr., Trans. Linn. Soc. London 24: 154, tab. 25, fig. 19, 1863

*Hymenoscyphus aquatica* (Currey) W. Phillips, Brit. Ascom. 134, 1887

Type: On a fragment of stick in water, United Kingdom; holotype: K(M)

= *Ombrophila clavus* (Alb. & Schwein.) Cooke, Grevillea 8: 84, 1880 [fide Nannfeldt, Trans. Brit. Mycol. Soc. 23: 243, 1939] ≡ ***Cudoniella clavus*** Carpenter (Mem. New York Bot. Gard. 33: 189, 1981) found no apothecia in the type specimen.

### **aquifolii**

*Hymenoscyphus aquifolii* [*'aquifoliae'*] (Cooke & Ellis) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza aquifolii* [*'aquifoliae'*] Cooke & Ellis, Grevillea 6: 91, 1878

Type: On leaves of *Ilex opaca*, USA; holotype: ? K(M) – not located

### **arcuatum**

*Helotium arcuatum* Velen., Opera Bot. Čech. 4: 124, 1947

Type: On stems of *Luzula albida*, Czech Rep. (Czechoslovakia); holotype: PRM 148089 Svrček (Sborn. Nár. Mus. Praha 40B: 134, 1985) found no apothecia in the holotype.

### **arduennensis**

*Helotium arduennensis* (É. J. Marchal) Boud., Hist. classif. Discomyc. Europe 113, 1907

≡ *Peziza arduennensis* É. J. Marchal, Bull. Soc. Roy. Bot. Belg. 24: 66, 1885

Type: On excrements of rabbit, Belgium; holotype not located

### **arenicola**

*Helotium arenicola* (Ellis & Everh.) Seaver, N. Amer. Cup-fung. Inoperc. 148, 1951

≡ *Phialea arenicola* Ellis & Everh., Amer. Nat. 31: 426, 1897

Type: On sandy ground, USA; holotype: NY (Seaver, l. c.)

= ***Dasyscyphus pygmaeus* (Fr.) Sacc.** [fide White, Amer. Middl. Naturalist 28: 516, 1942]

### **arenivagum**

*Helotium arenivagum* (Desm.) Gillet, Champ. France., Discomyc. 160, 1883

≡ *Peziza arenivaga* Desm., Ann. Sci. Nat., Bot., ser. 3, 18: 373, 1852

Type: On leaves of *Calamagrostis arenivaga*, France; holotype not located

≡ ***Pyrenopeziza arenivaga* (Desm.) Boud.**, Hist. classif. Discomyc. Europe 133, 1907

### **arundinellum**

*Helotium arundinellum* Sacc. & Speg., Michelia 1(4): 426, 1878

Type: On sheath of *Arundo donax*, Italy; holotype: ? PAD

≡ ***Urceolella arundinella* (Sacc. & Speg.) Boud.**, Hist. classif. Discomyc. Europe 129, 1907

### **ascophanoides**

*Helotium ascophanoides* (Boud.) Sacc. & Traverso, Syll. fung. (Abellini) 19: 837 (1910)

≡ *Pachydisca ascophanoides* Boud., Icon. Mycol. expl. pl. 1(5), p. 18, 1905 & 3: pl. 438, 1908 (orig. ser. 5, fasc. 21, Nov. 1908)

Type: On decaying wood, France; holotype: ? PC

According to Korf (in Brummelen & al., Icones mycologicae par Emile Boudier, 5: 235, 1986) it might be an *Orbilina*.

### **aspegrenii**

*Helotium aspegrenii* [*'apregenii'*] (Fr.) Boud., Hist. classif. Discomyc. Europe 113, 1907

*Hymenoscyphus aspegrenii* (Fr.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza aspegrenii* Fr., Syst. mycol. 2: 131, 1822

Type: On wet wood, ? Sweden; holotype: no material in Fries's fungarium in UPS (Carpenter, Mem. New York Bot. Gard. 33: 191, 1981)

*Peziza aspegrenii* is the new name for *Peziza*

*bicolor* Sow. (Col. fig. Engl. fung. mushr. 3: pl. 369: 7, 1803), a homonym of *Peziza bicolor* Bull. (Herb. France 9: pl. 410, fig. 3, 1789).

### **aspidiicolum**

*Helotium aspidiicola* [*'aspidiicomum'*] (Berk. & Broome) Rehm, Ascomyceten, 12: 560, 1880 [Hedwigia 20: 35, 1881]

≡ *Peziza aspidiicola* Berk. & Broome, Ann. Mag. nat. Hist., Ser. 2, 13: 465, 1854

Type: On dead stem of *Aspidium filix mas*, United Kingdom; holotype: ?K(M) not seen = ***Psilachnum chrysostigum* (Fr.) Raitv.**, Synops. Hyaloscyph. 104, 1970

### **aspidiorum**

*Helotium aspidiorum* Rehm, Ascomyceten 12: 563, 1880 [Hedwigia 20: 36, 1881]

Type: On decaying fronds of *Aspidium filicis-femina*, Germany; syntype: Ascomyceten 12: 563, S F5929, S F51905

= ***Urceolella carestiana* (Rabenh.) Dennis**, Kew Bull. 17: 335, 1963

### **asplenii**

*Hymenoscyphus* [*'Hymenoscypha'*] *asplenii* Racib., Parasit. Algen Pilze Javas 2: 9, 1900

Type: On ?, Indonesia (Java); holotype: KRAM Carpenter (Mem. New York Bot. Gard. 33: 191, 1981) found no apothecia in the type specimen.

### **atlanticus**

***Hymenoscyphus atlanticus* Candoussau**, Rev. Mycol. 39: 310, 1975

Type: On living thali of *Bryum capillare*, France; holotype: PC; isotypes: CUP, K(M) 2 spec.

### **atrosubiculatum**

*Helotium atrosubiculatum* Seaver & Waterston, Mycologia 32: 397, 1940

*Hymenoscyphus atrosubiculatus* (Seaver & Waterston) Dennis, Persoonia 3: 74, 1964

Type: On *Archontophoenix alexandrae*, Bermuda; holotype: NY 01169363, isotypes: CUP 028924, HU 00433657, FH 00433658, MICH 14173

= ***Lambertella microspora* (Seaver) Dumont**,

Mycologia 66: 1040, 1975 [fide]

Dumont (l. c.) studied type specimens of *Phialea microspora* Seaver, *Helotium atrosubiculatum* Seaver & Waterston and *Lambertella pallidisporea* Dumont and found all of them conspecific.

### **atrovirescens, see atroviride**

### **atroviride**

*Helotium atroviride* Henn., Hedwigia 41: 25, 1902

Type: On stems, Brazilia; holotype: S F64674 (labeled as '*Helotium atro-virescens* P. Henn., l. 1891, no. 409, ex herb. Sydow' but noted 'type for *Helotium atroviride*'); isotype: NY 01169368 (microslide)

Protologue lists 2 collections: No. 31d, ?Januar 1891 and No. 409, Januar 1892. No specimen located in Henning's collection in B (Hein, Englera 10: 41, 1988).

### **aurantiacum**

*Helotium aurantiacum* Cooke, in W. Phillips, Grevillea 19: 106, 1891

Type: On the underside of decayed leaves, USA; holotype: K(M); ? isotype: CUP Durand = *Helotium epiphyllum* [fide White, Farlowia 1: 140, 1943] ≡ ***Hymenoscyphus epiphyllus*** Homonym of *Helotium aurantiacum* Henn. (1895).

### **aurantiacum**

*Helotium aurantiacum* Baccarini, Nuovo Giorn. Bot. Ital. 11: 419, 1904

Type: On pieces of wood of *Olea europea*, Italy; holotype not located Homonym of *Helotium aurantiacum* Henn. (1895).

### **aurantiacum**

*Helotium aurantiacum* Henn., Bot. Jahrb. Syst. 22: 73, 1895

Type: On trunks and leaf petioles of tree ferns, Cameroon; holotype missing in B (Hein, Englera 10: 41, 1988)

### **aurantiacum**

*Helotium aurantiacum* Gillet, Champ. France, Discomyc. fig. 74, 1883

Type: On pieces of wood, France; holotype not located

The name was mentioned by Saccardo (Syll. fung. 19: 837, 1910) as '[*Helotium*] *aurantiacum* Gillet. Gillet, Champ. Fr., Discomyc., fig. 74.' and is listed in the index of my bounded copy of Gillet's Champignons as '58. *Helotium aurantiacum* Gillet' but not in the text. Homonym of *Helotium aurantiacum* Henn. (1895).

### **aurantiorubrum**

*Helotium aurantiorubrum* [*'aurantio-rubrum'*] Bres., Hedwigia 35: 295, 1896

Type: On wood, Brazilia; holotype not located  
Dumont (Mycotaxon 12: 256, 1980) suggested that it might be conspecific with *Helotium rufocorneum* Berk. & Broome.

### **aurantium**

*Helotium aurantium* Seaver, N. Amer. Cup-fung. Inoperc. 148, 1951

Type: On Picea, USA; holotype: ? NY [not in database]

New name for: *Pezizella aurantiaca* E. K. Cash (Mycologia 28: 301, 1936).

### **aureolum**

*Helotium aureolum* Sacc., Michelia 2: 79, 1880

Type: On stems *Pteris aquilina*, France; holotype: ? PAD

≡ ***Calycella aureola* (Sacc.) Boud.**, Hist. classific. Discomyc. Europe 95, 1907

### **aureolus**

*Hymenoscyphus aureolus* (Rabenh.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza aureola* Rabenh., Fungi Europ. 17: 1622, 1873 [Hedwigia 12: 139, 1873]

Type: On dry stems of *Eupatorium cannabinum*, Germany; syntype: Fungi Europ. 17: 1622, S F9748, S F11046

### **aureum**

*Helotium aureum* (Bolton) J. F. Gmel., Systema

Naturae, ed. 13, 2(2): 1442, 1792

*Helvella aurea* Bolton, Bolton, Hist. fung. 3: 98 [pl. 98 fig. 2], 1789

Type: On stics and stems, United Kingdom; holotype: ? Bolton's illustration

Superfluous name because *Helotium aureum* Pers. (1801) is sanctioned. For more data see "serotinum" entry.

### **aureum**

*Helotium aureum* Pers., Syn. meth. fung. 678, 1801; Fries, Syst. mycol. 2: 156, 1822

*Hymenoscyphus aureus* (Pers.) W. Phillips, Man. Brit. Discomyc. (London): 139 (1887)

Type: On trunks, Germany; holotype: L

≡ ***Bisporella resinicola* (Baranyay & A. Funk) S. E. Carp. & Seifert**, in Seifert & Carpenter, Canad. J. Bot. 65: 1263, 1987

Dennis (Kew. Bull. 7(3): 301, 1952) noted that the holotype is bearing only stem bases of two fructifications and that two other Persoon's original collections represent *Dendrostilbella baeomycoioides* (Massal.) Lindau and that true fungus of the Persoon's fungarium has to be found.

### **auricolor**

*Hymenoscyphus auricolor* (Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Pezizella auricolor* Rehm, Pilze Deutschl., Hyster. Discomyc. 672, 1892

Type: On rotten stems of *Cisrium spinosissimum*, Italy, Switzerland; syntypes: S F7852 (noted by Arendholz 1986: syntype of *Pezizella auricolor* Rehm = *Psilachnum micaceum* (Pers.) Dennis), S F92016, S F92017 = ***Psilachnum micaceum* (Pers.) Dennis**, Persoonia 3: 70, 1964

### **austrobryus**

*Hymenoscyphus austrobryus* Spooner, in Pegler, Spooner & Lewis, Kew Bull. 35: 527, 1980

Type: On *Conostomum pentastichum*, Antarctica, South Georgia Island; holotype: K(M)



### **autumnalis**

***Hymenoscyphus autumnalis* (Velen.) Svrček**,  
Čes. Mykol. 45: 136, 1991

≡ *Lachnum autumnale* Velen., Monogr.

Discomyc. Bohem. 1: 261 [2: pl. 9, fig. 29], 1934

Type: On rotten leaves of *Quercus*, Czech Rep.;  
holotype: ? PRM

### **aviculare**

*Helotium aviculare* Velen., Opera Bot. Čech. 4:  
122, 1947

Type: On *Polygonum aviculare*, Czech Rep.

(Czechoslovakia); holotype: PRM 148068

= ***Hymenoscyphus scutula*** [fide Svrček, Sborn.  
Nár. Mus. Praha 40B: 135, 1985]

### **axillaris**

*Helotium axillaris* (Nees) Boud., Hist. classific.

Discomyc. Europe 114, 1907

≡ *Peziza axillaris* Nees, Syst. pilze 258 [pl. 37,  
fig. 267], 1816

Type: On mosses, ? Germany;

≡ ***Octospora axillaris* (Nees) M. M. Moser**,  
Kleine Krypt.-fl (Stuttgart) 2a: 110, 1963

### **badensis**

*Hymenoscyphus fucatus* var. *badensis*

Hengstm., Z. Mykol. 16: 196, 1996

Type: On leaf of *Carex*, Germany; holotype: M  
(ex herb. Baral 3092) (Hengstmengel, l. c.).

### **badium**

*Helotium badium* W. Phillips, Man. Brit.

Discomyc. 167, 1887

Type: On dead twigs, United Kingdom;  
holotype: K(M)

= *Helotium salicellum* Fr. [fide Nannfeldt,  
Trans. Brit. Mycol. Soc. 23: 247, 1939] ≡

***Hymenoscyphus salicellus***

### **baeumleri**

*Helotium baeumleri* ['*bäumleri*'] (Rehm) Boud.,  
Hist. classific. Discomyc. Europe 115, 1907

≡ ***Ombrophila baeumleri* ['*bäumleri*'] Rehm**,  
Hedwigia 24: 228, 1885

Type: On catkins of *Alnus*, Slovakia (Hungarian  
Empire); holotype: S F16276 (noted by Dixon  
(3/10/1972): this is a specimen of *Ciboria* and

appears to be very likely *Peziza viridifusca*

Fuckel, and Carpenter (24-III-1979): = *Ciboria  
viridifusca* (Fuckel) von Höhnel)

Issued also in Rehm's Ascomyceten as no. 806  
(collected II. 1883/84): S F10278, S F10277.

### **bambusae**

*Helotium bambusae* Höhn., Denkschr. Kaiserl.  
Akad. Wiss., Math.-Naturwiss. Kl. 83: 33 [extr.],  
1907

Type: On leaves of *Bambusa*, Brazil; holotype:  
FH - herb. von Höhnel 5395 (Dumont, l.c.)

≡ ***Poculum bambusae* (Höhn.) Dumont**,  
Mycotaxon 12: 323, 1981

### **barbatum**

*Helotium barbatum* (Kunze ex Fr.) P. Karst., Not.  
Sällsk. Fauna et Fl. Fenn. Förh. 11: 241 (1870)  
[1871]

≡ *Peziza barbata* Kunze ex Fr., Syst. mycol. 2:  
99, 1822

Type: On twigs of *Lonicera xylosteum*,  
Switzerland; holotype not located

≡ ***Trichopezizella barbata* (Kunze ex Fr.)  
Raitv.**, Synops. Hyaloscyph. 59, 1970

### **bartsiae**

*Helotium glanduliforme* f. *bartsiae* Rehm,  
Ascomyceten 12: 559, 1880 [Hedwigia 20: 35,  
1881]

*Helotium glanduliforme* var. *bartsiae* (Rehm)  
Boud., Hist. classific. Discomyc. Europe 114, 1907

Type: On dry stems of *Bartsia alpina*, Austria;  
syntype: Ascomyceten 12: 559, S F11643, ? NY  
01169465; lectotype: S F11641 (designat. by  
Carpenter, 1981)

= ***Crocicreas cyathoideum* var. *calaliae*** [fide  
Carpenter, Mem. New York Bot. Gard. 33: 78,  
1981]

### **belisense**

*Helotium belisense* Kanouse, Mycologia 33:  
465, 1941.

Type: On under side of decaying leaves of *Ilex*,  
Belize; holotype: MICH 14174 (Mains 3606),  
isotypes: NY 01169371, NY 01169372, NY  
01169373

≡ ***Lambertella* ['*belisense*'] *belisensis***

(Kanouse) Dumont, Mycologia 66: 342, 1974

### **belonaeum**

*Helotium belonaeum* (Nyl.) P. Crouan & H.

Crouan, Fl. Finistère 48, 1867

≡ *Peziza belonaea* Nyl., Flora (Jena) 47: 521, 1864

Type: On soil and debris, France; holotype: ? CO

≡ ***Pachydisca belonaea* (Nyl.) Boud.**, Hist. classif. Discomyc. Europe 94, 1907

### **berberidis**

'*Helotium berberidis* Syd.', Mycoth. Marchica 1576, 1887 – nom. nud.

Type: On *Berberis vulgaris*, Germany; syntype: Mycoth. March. 16 1576, S F10597, S F10639; FH, NY 01169377

Korf and Lizoň (Mycotaxon 50: 170, 1994)

listed the species in the synonymy of *Lambertellinia scutuloides* Korf & Lizoň which is only known from the Japanese type collection (Baral in litt., Oct. 2014) so the Mycotheca Marchica needs reexamination.

### **berggrenii**

*Helotium berggrenii* Cooke & W. Phillips, in Cooke, Grevillea 8: 63, 1879

***Hymenoscyphus berggrenii* (Cooke & W. Phillips) Kuntze**, Revis. gen. pl. 3(2): 485, 1898

Type: On leaves of *Nothofagus cunninghami*, Australia; holotype: K(M); isotype: NY 01169374 (tagged 'holotype')

According to Carpenter (Mem. New Yor Bot. Gard. 33: 192, 1981) it might be a member of *Moellerodiscus* but as proved by Johnston & Park (Mycosystema 32: 371, 2013) its placement in *Hymenoscyphus* is correct.

### **bicolor**

*Helotium bicolor* (Starbäck) Boud., Hist. classif. Discomyc. Europe 115, 1907

*Phialea bicolor* Starbäck, Bih. Kongl. Svenska Vetensk.-Akad. Handl. 21: 33, 1895

Type: On dry stems of *Lotus corniculatus*, Norway; holotype: S F11670; isotypes: S F51474, ? NY, ? UPS

≡ ***Crocicreas bicolor* (Starbäck) S. E. Carp.**, Brittonia 32: 269, 1980

### **biflagellatus**

***Hymenoscyphus biflagellatus* Raitv. & M. P. Sharma**, Eesti NSV Tead. Akad. Toim. Biol. 33: 195, 1984.

Type: On fonds of a fern, India; holotype: PAN; isotype: TAA

### **bipunctatum**

*Helotium agrostideum* var. *bipunctatum* Velen., Monogr. Discomyc. Boh. 1: 199, 1934.

Type: On leaf of *Calamagrostis epigeios*, Czech Rep. (Czechoslovakia); lectotype: PRM 147512 (designat. by Svrček I. c.)

Lectotype probably conspecific with *Hymenoscyphus epiphyllus* (Svrček, Sborn. Nár. Mus. Praha 40B: 132, 1985).

### **blechni**

*Helotium blechni* P. Crouan & H. Crouan, Fl. Finistère 47, 1867

Type: On leaves of *Blechnum spicant* France; holotype: CO

Certainly not a member of *Helotiaceae*, probably a species of the genus *Mollisia* (Le Gal, Rev. Mycol. 18: 114, 1953).

### **blumenaviense**

*Helotium blumenaviense* (Henn.) Rick, Brotéria, ser. Bot., 25: 115, 1931

≡ *Lanzia blumenaviense* Henn., Hedwigia 41: 26, 1902

Type: On herbaceous stems, Brazil; holotype missing in B (Hein, Englera 10: 53, 1988); isotypes: S F9995, NY 01179417

≡ ***Orbilium blumenaviensis* (Henn.) Baral & E. Weber**, in Qiao, Zhang, Li, Baral, Weber, Su, Xu, Zhang & Yu, Mycol. Progr. 11(1): 257, 2012

### **bodeni**

*Helotium bodeni* Henn., Verh. Bot. Ver. Prov. Brandenb. 42: xvii, 1901

Type: On twigs of *Larix leptolepis*, Germany; ? isotype: S Sydow ("portion of type", Dennis, l. c.); no spec. in B (Hein, Englera 10: 41, 1988)

= ***Pezicula livida* (Berk. & Broome) Rehm** [fide Dennis, Persoonia 3: 36, 1964]

### **bolaris**

*Hymenoscyphus bolaris* (Batsch) W. Phillips, Man, Brit. Discomyc. 124, 1887  
*Helotium bolare* (Batsch) Masse, Brit. fung. fl. 4: 247, 1895  
≡ *Peziza bolaris* Batsch, Elench. fung. Cont. 1: 221, 1786  
Type: On ?, Germany; holotype not located  
≡ ***Rutstroemia bolaris* (Batsch) Rehm**, Pilze Deutschl., Hyster. Discomyc. 765, 1893

### **boreale**

*Helotium boreale* (Linder) Mains, Mycologia 48: 415, 1956  
Type: On moss, Canada; holotype: FH (Mains, l. c.)  
≡ ***Cudoniella borealis* Linder**, Bull. Mus. Nat. Canad. 97: 253, 1947

### **borisii**

*Helotium borisii* [*borisi*] Velen., Monogr. Discomyc. Boh. 1: 196, 1934  
Type: On needles of *Picea*, Czech Rep. (Czechoslovakia); lectotype: PRM 148242 (designat. by Svrček, l. c.); syntype: PRM 148012  
= ***Weinmannioscyphus messerschmidii* (Weinm.) Svrček**, Čes. Mykol. 31: 13, 1977 [fide Svrček, Sborn. Nár. Mus. Praha 40B: 135, 1985]

### **borraginaceum**

*Helotium borraginaceum* Velen., Monogr. Discomyc. Boh. 1: 193, 1934  
***Hymenoscyphus borraginaceus* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 135, 1985  
Type: On blackened withered stems of *Myosotidis palustris*, Czech Rep. (Czechoslovakia); holotype: PRM 148259

### **boudieri**

*Helotium boudieri* Sacc., Syll. fung. 10: 7 (1892)  
New name for *Helotium ochraceum* Boud. (in Hariot, Mission Sci. Cap Horn, Bot. 192, 1889), homonym of *Helotium ochraceum* (Grev.) Berk. (1860).  
= ***Cudoniella clavus*** [fide Gamundí & al., Darwiniana 42: 93, 2003]

### **brachypus**

*Helotium coccineum* var. *brachypus* Pers., Mycol. eur. 1: 346, 1822  
Type: On ? twig, United Kingdom; holotype: Sowerby, Col. fig. Engl. fung. 3: pl. 294, fig. on the right [*Clavaria coccinea*], 1803

### **brasiliense**

*Helotium nigripes* var. *brasiliense* [*'brasiliensis'*] Rick, Brotéria, ser. Bot., 25: 109, 1931  
Type: On decorticated wood, Brazil; holotype missing in PACA; syntypes: NY 01179435 (tagged as syntype. ex PACA, Rick herb. 13209), NY 01179436 (tagged as syntype, ex PACA, Rick Herb. 13209, noted by Dumont, Jan 1979: syntype of *Helotium nigripes* var. *brasiliense* Rick; redet. *Hymenoscyphus leucopsis* (Berk. & Curt.) Dennis), NY 01179437 (tagged as syntype. ex PACA, Rick Herb. 13227), NY 01179438 (tagged as syntype, ex PACA, Rick Herb. 13227)  
= ***Ombrophila nigripes* (Pers.) Boud.**, Hist. classif. Discomyc. Europe 92, 1907

### **brasiliensis**

*Helotium camerunense* var. *brasiliensis* Rick, Brotéria, ser. Bot., 25: 114, 1931  
Type: On old wood, Brazil; holotype: NY 01169386 (tagged possible holotype, Rick 27-171), NY 01169387 (ex Herb. G. Bresadola, Rick 27-171, noted by Dumont, May 1980: presumed holotype)  
= *Helotium rufo-corneum* [fide Dumont, Mycotaxon 12: 255, 1980] ≡ ***Dicephalospora rufocornea* (Berk. & Broome) Spooner**, Helot. Australasia 272, 1987  
For details see Dumont (l. c.).

### **brassicicola**

*Helotium brassicicola* [*'brassicaecolum*] (Schwein.) Sacc., Syll. fung. 8: 226, 1889  
≡ *Sarea brassicicola* [*'brassicaecola*] Schwein., Trans. Amer. Philos. Soc., ser. n. 4(2): 178, 1834  
Type: On old stems of *Brassica indurata*, USA; holotype not located

### **brassicicola**

*Hymenoscyphus brassicicola* (Berk.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza brassicicola* ['*brassicaecola*] Berk.,  
*Grevillea* 3(no. 28): 157 (1875)  
Type: On dead stems of *Brassica* (*cabbage*),  
USA; holotype not located  
≡ ***Pezizella brassicicola* ['*brassicaecola*']**  
**(Berk.) Sacc.**, Syll. fung. 8: 283, 1889

#### **bresadolae**

*Hymenoscyphus bresadolae* (Rehm) Kuntze,  
*Revis. gen. pl.* 3(2): 485, 1898  
≡ ***Pezizella bresadolae* Rehm**, *Pilze Deutschl.*,  
*Hyster. Discomyc.* 657, 1892  
Type: On rotten wood of *Abies*, Italy  
("in Alpenbächen Südtirols"); syntype:  
*Ascomyceten* 26: 1278, S F9749, S F9750

#### **brevicellulus**

***Hymenoscyphus brevicellulus* H.D. Zheng &  
W.Y. Zhuang**, *Sci. China Life Sci.* 56: 92, 2013  
Type: On rotten leaf veins of unidentified trees,  
China; holotype: HMAS 264018.

#### **brevisporum**

*Helotium brevisporum* Velen., *Čes. houby* (4-5):  
849 [pl. 156, fig. 1], 1922  
Type: On decayed stems of herbs, Czech Rep.  
(Czechoslovakia); holotype missing in PRM  
(Svrček, *Sborn. Nár. Mus. Praha* 40B: 135, 1985).  
Homonym of *Helotium brevisporum* Cooke &  
W. Phillips (1879).

#### **brevisporum**

*Helotium brevisporum* ['*brevisporium*'] Cooke &  
W. Phillips, in Cooke, *Grevillea* 8: 63, 1879  
*Hymenoscyphus brevisporus* (Cooke & W.  
Phillips) Dennis, *Persoonia* 3: 75, 1964  
Type: On decorticated sticks. Waitaki, New  
Zealand; holotype: K(M)  
≡ ***Calycella brevispora* (Cooke & W. Phillips)**  
**Dennis**, *Kew Bull.* 15: 310, 1961

#### **brevistipitatus**

***Hymenoscyphus brevistipitatus***  
**['brevistipitata'] M. P. Sharma**, in Khullar &  
M. P. Sharma, *Himalayan Bot. Res.* 182, 1991  
Type: On dead needles of conifers, India;  
holotype: PAN; isotype CUP

#### **broomei**

*Hymenoscyphus broomei* W. Phillips, *Man. Brit.*  
*Discomyc.* 129, 1887  
*Helotium broomei* (W. Phillips) Masee, *Brit.*  
*fung.-fl.* 4: 244, 1895  
= *Peziza subferruginea* [fide Nannfeldt,  
*Trans. Brit. Mycol. Soc.* 23: 240, 1939] ≡  
***Hymenoscyphus subferrugineus***  
Type: On dead bark (as 'wood'), United  
Kingdom; holotype: K(M) 52788

#### **brunneolum**

*Helotium brunneolum* Pat., *Mem. Acad.*  
*Malgache* 6: 37, 1928  
Type: On leaves, Madagascar; lectotype: PC  
(designat. by Le Gal, l. c.); isolectotype: CUP  
≡ ***Lambertella brunneola* (Pat.) Le Gal**,  
*Discomyc. Madagascar* 328, 1953

#### **brunneus**

***Hymenoscyphus brunneus* ['brunius'] M. P.**  
**Sharma**, in Khullar & M. P. Sharma, *Himalayan*  
*Bot. Res.* 191, 1991  
Type: On fallen twigs, India; holotype: PAN.

#### **bryogenum**

*Helotium bryogenum* Peck, *Annual Rep. New*  
*York State Mus.* 30: 61. 1878  
Type: On mosses, USA; holotype: NYS f000558,  
isotype: ?CUP (Durand)  
= *Helotium turbinatum* [fide White, *Mycologia*  
34: 168, 1942] ≡ ***Bryoscyphus turbinatus***

#### **bryophilum**

***Hymenoscyphus bryophilus* (Fr.) W. Phillips**,  
*Man. Brit. Discomyc.* 125, 1887  
*Helotium bryophilum* (Fr.) Masee, *Brit. fung.-fl.*  
4: 269, 1895  
≡ *Peziza bryophila* Fr., *Syst. mycol.* 2: 119, 1822  
Type: On mosses, ? Sweden; holotype: no  
material in Fries' fungarium at UPS (Carpenter,  
*Mem. New York Bot. Gard.* 33: 193-194, 1981)

#### **buccinula**

*Helotium buccinula* Speg., *Bol. Acad. Nac. Cienc.*  
*Córdoba* 11(2): 261, 1888  
***Hymenoscyphus buccinula* (Speg.) Gamundí &  
Giaiotti**, *Bol. Soc. Argent. Bot.* 18 (1-2): 19, 1977

Type: On decayed leaves of *Berberis ilicifolia*, Argentina; holotype: LPS

### **buccinum**

*Helotium buccinum* (Pers.) Fr., Summa Veg. Scand., Sect. Post., 355, 1849  
≡ *Peziza buccina* Pers., Syn. meth. fung. 1: 659, 1801; Fries, Syst. Mycol. 2(1): 129, 1822  
Type: On wood and twigs of *Pinus*, ? Germany; holotype: L 0054576  
= *Guepiniopsis tortus* Pat., Tab. anal. fung. (2): 62, 1883 [fide Dennis (Kew Bull. 7(3): 301-302, 1952)] = ***Guepiniopsis buccina* (Pers.) L. L. Kenn.**, Mycologia 50: 888, 1959,

### **Dacrymycetales**

### **buissonii**

*Hymenoscyphus buissonii* (Grél.) Matheis, Mitt. Thurg. Naturf. Ges. 46: 72, 1985  
Type: On rotten stump of *Pinus*, France; holotype not located  
≡ ***Cudoniella buissonii* Grél.**, Rev. Mycol. 12: 30, 1947

### **byssaceum**

*Helotium byssaceum* (P. Karst.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 216, 1870  
≡ *Peziza byssacea* P. Karst., Fungi Fenniae Exsicc. 8: 741, 1868  
Type: On decayed leaves of *Carex*, Finland; syntype: Fungi Fennici exsiccati no. 741  
≡ ***Hyaloscypha byssacea* (P. Karst.) Boud.**, Hist. classific. Discomyc. Europe 127, 1907

### **byssigenus**

***Hymenoscyphus byssigenus* (Berk.) Kuntze**, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza byssigena* Berk., in Hooker, Bot. Antract. Voy., III[1859], Flora Tasm. 275, 1860  
Type: On dead stick, Australia (Tasmania); holotype: K(M)  
Masee (J. Linn. Soc., Bot., 35: 96, 1901) noted that this species is identical with *Helotium aureum* Pers.

### **cacaliae**

*Helotium urticae* f. *cacaliae* (Pers.) Rehm, Ascomyceten 3: 59, 1872

*Helotium cacaliae* (Pers.) Sacc., Syll. fung. 8: 235, 1889

*Hymenoscyphus cacaliae* (Pers.) O. Kuntze, Rev. Gen. P. 3(2): 485, 1898

≡ *Peziza cacaliae* Pers., Mycol. Eur. 1: 285, 1822  
Type: [no substrate in the protologue] France; holotype: L 0054577 (910261286)

= ***Crocicreas cyathoideum* var. *cacaliae* (Pers.) S. E. Carp.**, Brittonia 32: 269, 1980 [fide]

### **caeruleoannulatus**

***Hymenoscyphus caeruleoannulatus* ['caeruleo-annulatus'] Svrček**, Čes. Mykol. 46: 35, 1992

Type: On ?, Slovakia (Czechoslovakia); holotype: PRM

### **caespitosolum**

*Helotium caespitosolum* Bres., Fungi Trident. illustr., Ser. 1, 4/5:70/10 (1884)

Type: On dry stems of *Aconitum napelum*, Italy; ? holotype: S F9753 (noted by Arendholz, 22. 9. 80, as syntype)

≡ ***Mollisia caespitosula* ['caespitulosa'] (Bres.) Boud.**, Hist. classific. Discomyc. Europe 136, 1907

### **calamarium**

*Helotium calamarium* Velen., Monogr. Discomyc. Boh. 1: 207, 1934

*Hymenoscyphus calamarius* [*calamerius*] (Velen.) M. P. Sharma, Achievem. Prosp. Mycol. Plant Pathol. 36, 1997

= ***Phaeohelotium imberbe* (Bull.) Svrček** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 136, 1985]

Type: On rhizomes of *Equisetum arvense*, Czech Rep. (Czechoslovakia); holotype: PRM 147229

### **calathicolum**

*Helotium calathicolum* Rehm, Ber. Naturhist. Ver. Augsburg 26: 77, 1881

*Hymenoscyphus calathicola* (Rehm) O. Kuntze, Revis. gen. pl. 3(2): 485, 1895

Type: On rotten calathia of *Cirsium spinosissimum*, Austria; syntype: Ascomyceten 7: 305, S F51467; lectotype: S F51466

(designat. by Carpenter, Mem. New York Bot. Gard. 33: 46, 1981); isolectotype: K(M), NY

01169382, NY 01169383 (microslides)  
≡ **Crocicreas calathicola (Rehm) S. E. Carp.**,  
Brittonia 32: 269, 1980

#### **callorioides**

*Helotium callorioides* Rehm, Hedwigia 21: 98,  
1882

≡ **Hymenoscyphus callorioides (Rehm) Lizoň**,  
Mycotaxon 44: 321, 1992  
Type: On *Aconitum variegatum*, Austria;  
holotype: S F10522

#### **calopus**

*Helotium calopus* (Fr.) Fr., Summa veg. Scand.,  
sect. post. 355, 1849

≡ *Peziza calopus* Fr., Obs. Mycol. 2: 307, 1818;  
Fries, Syst. mycol. 2: 131, 1822  
Type: On decaying stems, Sweden; holotype:  
not located (White, l. c.)  
≡ **Rutstroemia calopus (P. Karst.) Rehm**, Pilze  
Deutschl., Hyster. Discomyc. 768, 1893 [fide  
White, Lloydia 4, 1941]

#### **calyciforme**

*Helotium calyciforme* (Batsch) Wettst., Bot. Zbl.  
31: 286, 1887

≡ *Elvella calyciformis* Batsch, Elench. fung.  
Cont. 1: 195, 1786  
Type: On twig, Germany; holotype not located  
≡ **Lachnellula calyciformis (Batsch) Dharne**,  
Phytopathol. Z. 53: 124, 1964

#### **calycinum**

*Helotium calycinum* (Schumach.) P. Karst., Bidr.  
Känn. Fin. Natur Folk 19: 154, 1871

≡ *Peziza calycina* Schumach., Enum Pl. Saell. 2:  
424, 1803; Fries, Syst. mycol. 2: 91, 1822  
Type: On cone of *Pinus*, Denmark (Saellandia);  
holotype not located  
≡ **Lachnellula calycina (Schumach.) Sacc.**,  
Syll. fung. 8: 391, 1889

#### **calyculus**

*Helotium calyculus* (Sowerby) Fr., Summa veg.  
Scand., Sect. Post. 354, 1849

*Hymenoscyphus calyculus* (Sowerby) W.  
Phillips, Brit. Discomyc. 15, 1887  
≡ *Peziza calyculus* Sowerby, Col. fig. Engl. fung

pl. 116, 1797; Fries, Syst. mycol. 2: 129, 1822  
Type: no data in the protologue, United  
Kingdom; holotype: K(M) - no data on the  
label

= **Poculum firmum (Pers.) Dumont**,

Mycologia 68: 870, 1976 [fide Carpenter, Mem.  
New York Bot. Gard. 33: 195, 1981]

The name *Helotium calyculus* (Sowerby) Fr. has  
been for a long time used for a fungus known  
as *Hymenoscyphus virgultorum* now (Lizoň,  
Mycotaxon 45: 52, 1992).

#### **camerunense**

*Helotium camerunense* Henn., Bot. Jahrb. Syst.  
22: 73, 1895

≡ **Hymenoscyphus camerunensis (Henn.)**

**Dennis**, Persoonia 3: 74, 1964

Type: On fallen twigs, Cameroon; holotype  
missing in B (Hein, Englera 10: 41, 1988)

#### **campanuliformis**

*Helotium campanuliformis*

[*campanulaeformis*] Fuckel, Jahrb. Nass. Ver.  
Naturk. 23-24: 315, 1870

*Hymenoscyphus campanuliformis*

[*campanulaeformis*] (Fuckel) Raschle & E.

Müller, Beitr. Krypt.-Fl. Schweiz 15: 48, 1977

≡ **Allophylaria campanuliformis (Fuckel)**

**Svrček**, Čes. Mykol. 43: 224, 1989

Type: On rotten stems of *Aspidium filix-femina*,  
Germany; syntype: Fungi rhenani (suppl. fasc.  
6) 2194 (as *Peziza* c.), K(M) 2 spec.; lectotype: G  
(On *Aspidium filix-femina*, Germany); isotype:  
K(M) (On *Lastrea*, United Kingdom) (both  
designat. by Carpenter, Mem. New York Bot.  
Gard. 33: 196, 1981); isolectotypes: S F92076, S  
F 92081 (on *Aspidium filix-femina*)

#### **candolleana**

*Hymenoscyphus candolleanus* (Lév.) W. Phillips,  
Man. Brit. Discomyc. 114, 1887

≡ *Peziza candolleana* Lév., Ann. Sci. Nat. Bot.,  
ser. 2, 20: 233, 1843

Type: On *Sclerotium pustulatum* on leaves of  
*Castanea*, France; holotype not located

≡ **Ciborinia candolleana (Lév.) Whetzel**,

Mycologia 37: 668, 1945

### **cantareirensis**

*Helotium cantareirensis* (Henn.) Rick, *Brotheria* 25: 116, 1931

≡ *Lanzia cantereirensis* Henn., *Hedwigia* 43: 208, 1904

Type: On palm fibers, Brazil; holotype missing in B (Hein, *Englera* 10: 53, 1988)

### **canum**

*Helotium canum* Kirschst., in Jaap, *Verh. Bot. Prov. Brandemb.* 64: 13, 1922

Type: On rotten branches of *Salix*, Germany; holotype not located

### **capense**

*Helotium capense* ['*capensis*'] Kalchbr. & Cooke, *Grevillea* 9: 25, 1880

Type: On stics, South Africa; in K(M) 6 orig. specimens but any marked as the type

≡ ***Belonidium capense* (Kalchbr. & Cooke)**

**Sacc.**, *Syll. fung.* 8: 503, 1889

### **capreae**

*Helotium capreae* Velen., *Opera Bot. Čech.* 4: 119, 1947

≡ ***Hymenoscyphus capreae* (Velen.) Svrček**, *Sborn. Nár. Mus. Praha* 40B: 136, 1985

Type: On decayed trunks of *Salix caprea*, Czech Rep. (Czechoslovakia); lectotype: PRM 148201 (designat. by Svrček, l. c.)

### **caraborum**

*Helotium caraborum* Velen., *Monogr. Discomyc. Boh.* 1: 208, 1934

Type: On *Hylocomium splendens*, *H. suqarrosum*, *Hypnum cupressiforme*, Czech Rep. (Czechoslovakia); holotype: PRM 148116 (Svrček, *Sborn. Nár. Mus. Praha* 40B: 136, 1985 found no apothecia)

### **caracasense**

*Helotium caracasense* Dennis, *Kew Bull.* 1958: 463, 1958

***Hymenoscyphus caracasensis* (Dennis)**

**Dennis**, *Persoonia* 3: 76, 1964

Type: On dead and decaying fallen leaves in forest country club, Venezuela; holotype: K(M), isotype: NY 01169388 (Dumont & Carpenter,

28 Jul 1977 noted "=*Lambertella microspora* (Seaver) Dumont")

### **carbonarium**

*Helotium carbonarium* (Feltg.) Boud., *Hist. classif. Discomyc. Europe* 113, 1907

≡ *Ciboria carbonaria* Feltg., *Vorstud. Pilz-Fl. Luxemb.* 1 (Ascomyc.), *Nachtr.* 3: 44, 1903

Type: On mixture of soil, rotten stems and roots of grasses, Luxemburg; holotype: ? LUX = ***Lachnum pygmaeum*** [fide White, *Amer. Midl. Natur.* 28: 516, 1942]

### **carestianum**

*Helotium carestianum* (Rabenh.) P. Karst., *Bidr. Finl. Natur Folk* 19: 161, 1871.

≡ *Peziza carestiana* Rabenh., *Fungi Europ.* 10: 913, 1866 [*Hedwigia* 5: 189, 1866]

≡ ***Unguicularia carestiana* (Rabenh.) Höhn.**, *Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1*, 118: 391 [117 repr.], 1909

Type: On *Asplenium filix-femina*, Italy; syntype: *Fungi Europ.* 10: 913, S F49447

### **caricinellum**

*Helotium caricinellum* Peck, *Annual Rep. New York State Mus.* 30: 61. pl. 1, fig. 5-8, 1878

Type: Dead leaves of *Carex utriculata*, USA; syntypes: NYS f647, NYS f648, NYSf 649, NY 01169389, isosyntype: FH 00433656 (microslide) ≡ ***Calloria caricinella* (Peck) Seaver**, *N. Amer. Cup-fung. Inoperc.* 167, 1951

### **carmichaeli**

*Helotium carmichaeli* (Berk. ex W. Phillips) Masee, *Brit. fung.-fl.* 4: 250, 1895

*Hymenoscyphus carmichaeli* Berk. ex W. Phillips, *Grevillea*, 19: 106, 1891

Type: On decayed wood, United Kingdom; holotype: K(M) (+ 2 orig. specimens)

= ***Hyalopeziza millepunctata* (Lib.) Raitv.**, *Synops. Hyaloscyph.* 34, 1970

### **carneolum**

*Helotium carneolum* Speg., *Anales Mus. Nac. Buenos Aires, Ser. 3* 19(12): 445, 1909

Type: On leaves of *Arundo donax*, Argentina; holotype: LPS 24444

### **carneopallidus**

*Hymenoscyphus carneopallidus* (Desm. & Roberge) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza carneopallida* Roberge ex Desm., Ann. Sci. Nat., Bot., sér. 3 16: 326 (1851)

Type: On decaying leaves of *Ulmus*, France; holotype not located

≡ ***Naeviopsis carneopallida* (Roberge ex Desm.) B. Hein**, Willdenowia, Beih. 9: 82, 1976

### **carneoroseus**

*Hymenoscyphus carneoroseus* (Cooke & Harkn.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza carneorosea* Cooke & Harkn., Grevillea 9: 130, 1881

Type: On twigs of *Eucalyptus*, USA; holotype: K(M) 36002

≡ ***Pezizella carneorosea* (Cooke & Harkn.) Sacc.**, Syll. fung. 8: 284, 1889

### **carneum**

*Helotium carneum* (Fr.) Fr., Summa veg. Scand., sect. post. 356, 1849

≡ *Peziza carnea* Fr., Syst. mycol. 2: 135, 1822

Type: On old decorticated wood of *Fagus*, *Carpinus*, etc., ? Sweden; holotype not located

≡ ***Phaeohelotium carneum* (Fr.) Hengstm.**, Mycotaxon 107: 272, 2009

### **carneum**

*Helotium carneum* Fuckel, Jahrb. Nass. Ver. Naturk. 27-28: 63, 1873

Type: On rotten leaves of *Scirpus sylvaticus*, Germany; presumed holotype: G (Carpenter, l. c.)

= ***Crocicreas cyathoides* (Bull.) S. E. Carp.**, Brittonia 32: 269, 1980 [fide Carpenter, Mem. New York Bot. Gard. 33: 66, 1981]  
Homonym of *Helotium carneum* (Fr.) Fr. (1849).

### **carneum**

'*Helotium carneum* P. Crouan & H. Crouan' listed in online databases does not exist.

*Patellaria carnea* P. Crouan & H. Crouan, Fl. Finistère 46, 1867

### **carnosulum**

*Helotium carnosulum* Rehm, Hedwigia 21: 98, 1882

≡ ***Niptera carnosula* (Rehm) Boud.**, Hist. classific. Discomyc. Europe 141, 1907

Type: On rotten stems of *Aconitum napellus* and *Cirsium spinosissimum*, Austria; syntypes (2 collections cited in the protologue): S F47410, S F64671, S F47409 (noted by Arendholz 1952: lectotype)

### **carnosum**

*Helotium carnosum* Rodway, Pap. Proc. R. Soc. Tasm. 1920: 155, 1921

Type: On ?, Australia (Tasmania); holotype: HO 32529, isotypes: K(M) – 2 spec. (microslides)

≡ ***Hyaloscypha carnosa* (Rodway) Spooner**, Helot. Australasia 423, 1987

Homonym of *Helotium carnosulum* Rehm (1882)

### **carolinae**

*Hymenoscyphus carolinae* (De Guern.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza carolinae* De Guern. in H. Crouan & P. Crouan, Fl. Finistère 49, 1867

Type: On dead twigs of *Acer*, France; holotype not located in CO (Carpenter, Mem. New York Bot. Gard. 33: 198, 1981)

### **carpini**

*Hymenoscyphus fructigenus* var. *carpini* (Batsch) Hensmengel, Persoonia 12: 489, 1985

≡ *Peziza carpini* Batsch, Elench. fung., Cont. prima 216 [pl. 27, fig. 150], 1786

Type: On decaying twigs of *Carpinus*, Germany; holotype not located

= ***Hymenoscyphus fructigenus*** [fide Lizoň, Mycotaxon 45: 20, 1992]

### **carpinicolum**

*Helotium carpinicola* ['*carpinicolum*'] Rehm, Hedwigia 35, Repert. (146), 1896

*Hymenoscyphus carpinicola* ['*carpinicolus*'] (Rehm) Arendh., Morf.-taxon. Untersuch. Ascom. 59, 1979

Type: On decaying leaves of *Caripinus betulus*, Germany; syntype: Ascomyceten 24: 1157: S F10528, S F10529, HBG, BR, FH 00433659, FH 00433660, ? BPI 721294, ? BPI 654359

≡ ***Phaeohelotium carpinicola* (Rehm)**



**Hengstm.**, Mycotaxon 107: 272. 2009  
Lizoň (Mycotaxon 45:16. 1992) when studying the type suggested the the species might be conspecific with *Hymenoscyphus epiphyllus*.

### **carpogenum**

*Helotium herbarum* var. *carpogenum* Syd., Ann. Mycol. 19: 141, 1921

Type: On rotten epicarpium of *Aesculus hippocastanum*, Germany; syntype: Mycoth. Germanica 29-36: 1634, K(M) 2 spec., BPI 655035, MICH 14178  
= ? *Hymenoscyphus herbarum*

### **cassandrae**

*Helotium cassandrae* (Kanouse) Seaver, N.

Amer. Cup-fung. Inoperc. 146, 1951  
≡ *Phialea cassandrae* Kanouse, Pap. Mich. Acad. Sci. 20: 71, 1935

Type: On leaves of *Chamaedaphne calyculata*, USA; holotype: MICH (Carpenter, Mem. New York Bot. Gard. 33: 198, 1981)

≡ ***Psilachnum cassandrae* (Kanouse)**

**Shoemaker, Egger & Kokko**, Fungi

Canadenses (Ottawa) 190: 1, 1980

### **cassiae**

***Hymenoscyphus cassiae* M. P. Sharma**, in Khullar & M. P. Sharma, Himalayan Bot. Res. 177, 1991

Type: On dead pots of *Cassia* sp., India; holotype: PAN; isotype CUP IN-000471

### **castaneum**

*Helotium castaneum* Sacc. & Ellis, Michelia 2: 572, 1882

*Hymenoscyphus castaneus* (Sacc. & Ellis) M. P. Sharma, in Khullar & M. P. Sharma, Himalayan Bot. Res. 128, 1991

Type: On lower surface of leaves of *Quercus laurifolia*, USA; holotype: NY Ellis collection, ? isotypes: BPI, CUP-Durand

≡ ***Micropeziza castanea* (Sacc. & Ellis) Baral & Guy Garcia**, in Helleman & al., Ascomycete. org 5: 135, 2013

A specimen of *Helotium castaneum* from Ellis collection (Nuttallburg, Nov. 1893, Nuttall, MASS) was determined by Barr (Mycologia 67:

190, 1975) as *Pestalosphaeria concentrica* Barr (l. c.). Dennis (Persoonia 3: 38, 1964) noted that Ellis specimen in North American Fungi 994 (Green Cove Springs, Florida, 1881) is not a part of the type but authentic for the name and agrees with the diagnosis.

### **castaneum**

*Helotium castaneum* Henn., Hedwigia 36: 233, 1897

Type: On twigs, Brazilia; holotype missing in B (Hein, Englera 10: 41, 1988)

Homonym of *Helotium castaneum* Sacc. & Ellis (1882). *Helotium subcastaneum* Henn. (Syll. fung. 14: 764, 1899) is the new name for this species.

### **caucus**

*Hymenoscypha caucus* (Rebent.) W. Phillips, Man. Brit. Discomyc. 120, 1887

*Peziza caucus* Rebent., Prod. fl. neomarch. 386, 1804; Fries, Syst. mycol. 2: 126, 1822

Type: On decaying twigs, Germany; holotype not located

≡ ***Ciboria caucus* (Rebent.) Fuckel**, Jahrb.

Nass. Ver. Naturk. 23-24: 311, 1870

Based on *Peziza amentalis* Schumach. (Enum pl. 418, 1803).

### **caudatum**

*Helotium scutula* subsp. *caudatum* (P. Karst.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. 11: 234, 1870

*Helotium caudatum* (P. Karst.) Velen., Monogr. Discomyc. Bohem. 1: 206, 1934

***Hymenoscyphus caudatus* (P. Karst.) Dennis**, Persoonia 3: 76, 1964

≡ *Peziza caudata* P. Karst, Fungi Fenn. Exs. no. 547, 1866.

Type: On leaves of *Alnus*, Finland; syntype: Fungi Fenniae Exsicc. 6: 547, K(M) 2 spec., lectotype: FH (designat. by Lizoň, Mycotaxon 45: 12, 1992); isolectotype: H; ? authentic material: S type: S F63992 (*Helotium scutula*

var. *caudatum*, *Mustalia*, in foliis *Quercus*, m. Oct., noted 'orig. Karsten, ex herb. Rehm')

*Hymenoscyphus caudatus* sensu Kimbrough & Atkinson (Amer. J. Bot. 59: 165, 1972) = *Lambertellinia scutuloides* Korf & Lizoň [fide Korf & Lizoň, Mycotaxon 50: 168, 1994]

### caulicolum

*Helotium caulicolum* (Fr.) P. Karst., Bidr. Känn. Finlands Natur Folk 10: 134, 1871

≡ *Peziza caulicola* Fr., Syst. mycol. 2: 94, 1822

Type: On stems, ? Sweden; holotype not located

= ***Crocicreas cyathoideum* var. *cacaliae*** [fide Carpenter, Mem. New York Bot. Gard. 33: 78, 1981]

### caulincolum

*Helotium conscriptum* f. *caulincolum* Rehm, Hedwigia 24: 228, 1885

Type: On rotten stems of *Aconitum napelum*, Slovakia (Hungarian Empire); syntype:

Ascomyceten 17: 807, S F64058, ? S F64060

Lizoň (Mycotaxon 45: 50, 1992) listed it in the synonymy of *Hymenoscyphus virgultorum* that occurs typically on wood.

### cedri

***Hymenoscyphus cedri* M. P. Sharma**, in Khullar & M. P. Sharma, Himalayan Bot. Res. 183, 1991

Type: On dead megasporophylls of *Cedrus deodara*, India; holotype: PAN; isotype CUP IN-000485

### cedricola

*Helotium cedricola* Thind & Saini, Proc. Ind. Acad. Sci. 67: 146 [fig. 4], 1968

***Hymenoscyphus cedricola* (Thind & Saini) Thind & P. M. Sharma**, Nova Hedwigia 32: 130, 1980

Type: On needles of *Cedrus deodara*, India; holotype: PAN, ? isotype: K(M)

### cejpii

*Hymenoscyphus cejpaii* (Velen.) Dennis, Persoonia 3: 76, 1964

*Helotium cejpaii* ['cejpi'] Velen., Monogr. Discomyc. Boh. 1: 207 [2: pl. 19, fig. 28], 32, 1934

Type: On fronds of *Aspidium*, Pteris, Czech Rep. (Czechoslovakia); lectotype: PRM 149139 (designat. by Svrček, l. c.); syntypes: PRM 148033, PRM 149275

= ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 137, 1985]

### cellare

*Helotium nigripes* var. *cellare* (Alb. & Schwein.) Sacc., Syll. fung. 8: 215, 1899

≡ *Peziza nigripes* var. *cellaris* Alb. & Schwein.,

Consp. fung. Lusat. 332, 1805; Fries, Syst. mycol. 2: 132, 1822

Type: On rotten wood, Germany; holotype not located

### ceracellum

*Helotium ceracellum* (Fr.) Sacc., Michelia 1: 578, 1879

≡ *Peziza ceracella* Fr., Syst. mycol. 2: 114, 1822

Type: On dry twigs of *Quercus*, ? Sweden; holotype not located

≡ ***Hyaloscypha ceracella* (Fr.) Boud.**, Hist. classif. Discomyc. Europe 126, 1907

### cerastii

*Helotium cerastii* Velen., Monogr. Discomyc. Boh. 1: 192 [2: pl. 20, fig. 22], 1934

Type: On rhizome of *Cerastium arvense*, Czech Rep. (Czechoslovakia); holotype: PRM 147750

= *Hymenoscyphus graminum* [fide Svrček, Sborn. Nár. Mus. Praha 40B: 138, 1985] =

***Rutstroemia calopus***

### ceratinus

***Hymenoscyphus ceratinus* (Berk.) Kuntze**, Revis. gen. pl. 3(2): 485, 1898

*Helotium ceratinum* (Berk.) Dennis, Kew Bull. 1958: 336, 1958

≡ *Peziza ceratina* Berk., in Hooker, Bot. Antarct. Voy., Fl. Tasman. 2[1859]: 272, 1860

Type: On leaves of *Eucalyptus*, Australia (Tasmania); holotype: K(M)

### cecropiae

*Helotium cecropiae* Henn., Hedwigia 41: 25, 1902

Type: On leaves of *Cecropia* sp., Brazilia; holotype missing in B (Hein, Englera 10: 41, 1988); prospective holotype: S F 10635 (data on the label are the same as in protologue); syntypes: NY 01169395, NY 01169393, NY 01169394 (all marked as 'ex S herb. Sydow')

= ***Moellerodiscus lentus*** [fide Dumont, Mycologia 68: 245, 1976]

### **cereus**

#### ***Hymenoscyphus cereus* (Rick) Dennis,**

Persoonia 3: 76, 1964

≡ *Ciboria cerea* Rick, Broteria, Bot., 25: 119, 1931

Type: On leaves of *Tiliaceae*, Brazil; holotype: PACA 12645

### **cerinellum**

*Helotium cerinellum* Speg., Anal. Soc. cient. argent. 10: 22, 1880

Type: On pieces of wood of *Salix*, Argentina; According to the protologue it might be a member of Hyaloscyphaceae.

### **cerinum**

*Helotium cerinum* (Pers.) P. Karst., Not. Sällsk. Fauna et Fl. Fenn. Förh. 11: 242, 1870

≡ *Peziza cerina* Pers., Observ. mycol. 1: 43, 1796; Fries, Syst. mycol. 2: 92, 1822

type: On twigs and wood, ?; holotype: ? L

≡ ***Neodasyscypha cerina* (Pers.) Spooner**, in Suková, Czech Mycol. 57: 168, 2005

### **cesati**

*Helotium cesati* Mont., Syll. gen. sp. crypt. 187, 1856

Type: On leaves of *Quercus*, Chile;

≡ ***Pocillum cesatii* (Mont.) De Not.**, Comm. Soc. crittog. Ital.: 361, 1863

### **chioneum**

*Helotium chioneum* (Fr.) Fr., Summa veg. Scand., sect. post. 356, 1849

*Hymenoscyphus chioneus* (Fr.) Ahmad, Ascom. Pakistan 1: 207, 1978

≡ *Peziza chionea* Fr., Syst. mycol. 2: 132, 1822

Type: On needles, Sweden; holotype not located

= *Helotium abacinum* [fide Höhnelt, Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl., Abt. 1, 127: 596, 1918]

For details see Carpenter (Mem. New York Bot. Gard. 33: 199, 1981).

### **chloophilus**

#### ***Hymenoscyphus chloophilus* Spooner**, in

Pegler, Spooner & Lewis, Kew Bull. 35: 528, 1980

Type: On tussock grass stems, Antarctica, Bird Island, (next to South George Island); holotype: K(M) (18 Jan 1979), paratype: K(M) (16 Feb. 1979).

### **chlora**

*Helotium chlora* (Schwein.) Morgan, J. Mycol. 8: 184, 1902

≡ *Peziza chlora* Schwein., Schriften Naturf. Ges.

Leipzig 1: 122, 1822; Fries, Syst. mycol. 2: 115, 1822

Type: On trunks, USA; isotype: UPS BOT F-174619

≡ ***Chlorosplenium chlora* (Schwein.) M. A.**

**Curtis**, in Sprague, Proc. Boston Soc. Nat. Hist. 5: 330, 1856

### **chlorellum**

*Helotium chlorellum* (Saut.) Fr., Summa veg. Scand., sect. post. 355, 1849

*Hymenoscyphus chlorellus* (Saut.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza chlorella* Saut., Flora 28: 133, 1845

Type: On root of *Abies alba*, Austria; holotype: specimen at W contains no apothecia (Keissler, Ann. Nat-hist. Mus. 31: 90, 1917; Carpenter, Mem. New York Bot. Gard. 33: 199, 1981).

### **chlorinellus**

*Hymenoscyphus chlorinellus* (Ces.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza chlorinella* Ces., Bot. Ztg. 12: 186 (1854)

Type: On herbaceous stems, Italy; syntype: Herb. viv. mycol. 19: 1812

≡ ***Calycellina chlorinella* (Ces.) Dennis**, Kew Bull. 30: 350, 1975

### **chloropodium**

*Helotium chloropodium* Rea & Ellis, in Rea, Trans. Brit. Mycol. Soc. 3[1911]: 379, 1912

Type: On dead stems, United Kingdom; holotype: ? PC (Rea, l. c.: „Specimens were submitted to Monsieur Boudier, who agreed that this was an undescribed species.“)

### **chlorosplenioides**

*Helotium chlorosplenioides* Speg., Bol. Acad. Nac. Ci. 11: 262, 1888

Type: On twigs, Argentina; holotype: LPS 28130

≡ ***Poculum chlorosplenioides* (Speg.)**

**Dumont & S. E. Carp.**, in Carpenter, Mem. New York Bot. Gard. 33: 200, 1981

### **chordicola**

*Helotium chordicola* Speg., Anales Mus. Nac. Buenos Aires, ser. 3 19(12): 445, 1909

Type: On rope (cuerda), Argentina; holotype: LPS 24443

### **chromoflavum**

*Helotium chromoflavum* Rick, Brotéria, ser. Bot., 25: 114, 1931

Type: On leaves of *Myrtaceae*, Brazil; holotype: PACA 13229; lectotype: FH (designat. by Dumont, l. c.), isotypes: NY 01169396, NY 01169397 (microslide), orig. mat.: NY 01169398 (noted as 'ex Herb. Rick 13200')

≡ ***Lambertella chromoflava* ['chromo-flava'] (Rick) Dumont**, Mycologia 66: 343, 1974

### **chrysocomus**

*Hymenoscyphus chrysocomus* (Bull.) Gray, Nat. arr. Brit. pl. 1: 674, 1821

≡ *Peziza chrysocoma* Bull., Herb. France 8: pl. 376, fig. 2, 1788 [Hist. champ. France 254, 1791 – descr.]; Fries, Syst. mycol. 2(1): 140, 1822

Type: On rotten wood, France; holotype not located

≡ ***Dacrymyces chrysocomus* (Bull.) Tul.**, Ann. Sci. Nat., Bot., sér. 3, 19: 211, 1853,

### **Dacrymycetales**

### **chrysophthalmum**

*Helotium chrysophthalmum* (Pers.) P. Karst., Bidr. Känned. Finl. Natur Folk 19: 155, 1871

≡ *Peziza chrysophthalma* Pers., Mycol. Europ. 1: 259, 1822

Type: On twigs of *Picea excelsa*, Switzerland and Vogesia; ? type: L 0116728 (910261258)

≡ ***Lachnellula chrysophthalma* (Pers.) P. Karst.**, Meddel. Soc. Fauna Fl. Fenn. 11: 138, 1884

### **chrysostigma**

*Helotium chrysostigma* (Fr.) Fr., Summa veg. Scand., sect. post. 355, 1849

*Hymenoscyphus chrysostigmus* (Fr.) J. Schröt., Pilze Schles. 3(2): 71, 1893

≡ *Peziza chrysostigma* Fr., Syst. mycol. 2: 128, 1822

Type: On decaying stems of *Aspidium filicis maris*, ? Sweden; holotype: not located at UPS (Carpenter, Mem. New York Bot. Gard. 33: 200, 1981)

≡ ***Psilachnum chrysostigmum* (Fr.) Raitv.**, Synops. Hyaloscyph. 104, 1970

### **ciborioides**

***Hymenoscyphus ciborioides* (Fr.) W. Phillips**, Brit. Discomyc. 117, 1887

≡ *Peziza ciborioides* Fr., Observ. mycol. 2: 307, 1818; Fries, Syst. mycol. 2: 117 (1822)

Type: On stems, Sweden; holotype not located

### **ciliatosporum**

*Helotium ciliatosporum* (Fuckel) Boud., Hist. classif. Discomyc. Europe 114, 1907

≡ *Ciboria ciliatospora* Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 311, 1870

Type: On decaying stems of *Tanacetum vulgare*, Germany; holotype not located = *Helotium scutula* [fide White, Mycologia 34: 160, 1942] ≡ ***Hymenoscyphus scutula***

### **ciliatum**

*Helotium ciliatum* H. & P. Crouan, Fl. Finistère 47, 1867

Type: On stems of *Urtica*, France; holotype: CO (Carpenter, l. c.).

According to Le Gal (Rev. Mycol. 18: 127, 1953) the holotype represents a pyrenomycete, Carpenter (Mem. New York Bot. Gard. 33: 201, 1981) mentioned *Nectria* sp.

### **cinnamomeum**

*Helotium glabrum* f. *cinnamomeum* Alb. & Schwein., Consp. fung. Lusat. 351, 1805

Type: On leaves, Germany; holotype not located

### **circinans**

*Helotium circinans* (Pers.) Swartz, Konidl. Vetensk. Acad. Handl. 33: 15, 1812  
≡ *Leotia circinans* Pers., Comm. fung. clav. 31, 1797 [Icon. descr. fung. 1: 16, pl. 5, fig. 5-7, 1797]; Fries, Syst. mycol. 2: 27, 1822  
Type: On soil, ?; holotype not located  
≡ ***Cudonia circinans* (Pers.) Fr.**, Summa veg. Scand., sect. post. 348, 1849

### **cirsii**

*Helotium scutula* var. *cirsii* Velen., Opera Bot. Čech. 4: 121, 1947  
Type: On stems of *Cirsium palustre* and *Centaurea jacea*, Czech Rep. (Czechoslovakia); holotype: PRM 148086  
= ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 176, 1985]

### **citri**

*Helotium citri* Penzig, Michelia 2: 399, 1882  
Type: On bark of a branch of *Citrus limon*, Germany; holotype not located  
≡ ***Niptera citri* (Penzig) Boud.**, Hist. classific. Discomyc. Europe 141, 1907

### **citrinellum**

'*Helotium citrinellum* Roumeg.', Fungi selecti Gallici exsicc. 50: 4908, 1889 – nom. nud. [Rev. Mycol. (Toulouse) 11: 127, 1889]  
Type: On od dry stems of *Urtica dioica*, France (Pyrenees); syntype: Fungi sel. Gallici 50: 4908  
The name was presented as *Helotium citrinellum* sp. n. but as noted by Martin-Sans (Bull. Soc. Bot. France, 71: 113, 1924) it was an error and it should be presented as *H. citrinulum* Karst. Dennis (Mycol. Pap. 62: 106, 1956) mentioned that it could be conspecific with *H. herbarum* but that the name *H. citrinellum* is apparently a nomen nudum.

### **citrinellus**

*Hymenoscyphus citrinellus* (Schwein.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza citrinella* Schwein., Trans. Amer. Philos. Soc., ser. 2 4(2): 177, 1832  
Type: On wood of *Salix*, USA; holotype not located

### **citrinipes**

*Helotium repandum* f. *citrinipes* Svrček, Čes. Mykol. 16: 113, 1962  
Type: On *Rumex alpinus*, Slovakia (Czechoslovakia); holotype: PRM  
= ***Hymenoscyphus repandus*** [fide Lizoň, Mycotaxon 45: 37, 1992]

### **citrinocolor**

*Helotium citrinocolor* P. & H. Crouan, Fl. Finistère 48, 1867  
Type: On dead twigs of *Rubus*, France; lectotype: CO (designat. by Lizoň & Korf, l.c.)  
= ***Bisporella claroflava* (Grev.) Lizoň & Korf**, Mycotaxon 54: 474, 1995

### **citrinulum**

*Helotium citrinulum* P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 238, 1871  
*Hymenoscyphus citrinulus* (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
Type: On dry stems of grasses, Finland; holotype: ? H  
≡ ***Rodwayella citrinula* (P. Karst.) Spooner & Dennis**, in Dennis, Sydowia 38[1985]: 312, 1986  
For synonyms see White (Farlowia 1: 600, 1944).

### **citrinulum**

'*Helotium scutula* var. *citrinulum* Rehm', in Sydow, Mycoth. Marchica 19: 1854, 1887 – ? nom. nud.  
Type: On *Artemisia campestris*, Germany; Sydow, Mycoth. Marchica 19: 1854, S (gen. coll. *Hymenoscyphus*)

### **citrinum**

*Helotium citrinum* (Batsch) Fr., Summa veg. Scand., sect. post. 355 (1849)  
≡ *Peziza citrina* Batsch, Elench. fung., cont. sec. 95, 1789; Fries, Syst. mycol. 2: 131, 609, 1822  
Type: On decaying wood, Germany; holotype not located  
≡ ***Calycina citrina* (Batsch) Baral, Galán & Platas**, Mycosystema 32: 422, 2013  
The species was for a long time presented as *Bisporella citrina* (Batsch) Korf & S. E. Carp. (Mycotaxon 1: 58, 1974).

### **claroflavum**

*Helotium claroflavum* ['claro-flavum'] (Grev.) Berk., Outl. Brit. fungol. 372, 1860  
≡ *Peziza claroflava* Grev., Fl. Edin. 424, 1824  
Type: On decayed wood and branches of trees, United Kingdom; lectotype: K(M) (designat. by Lizoň & Korf, l. c.).  
≡ ***Bisporella claroflava* (Grev.) Lizoň & Korf**, Mycotaxon 54: 474, 1995  
Baral, Galán & Platas (Mycosystema 32: 422, 2013) treated the species in the genus *Calycina*.

### **clavatum**

*Helotium clavatum* (Pers.) P. Karst., Bidr. Känn. Finl. Natur Folk 19: 135, 1871  
***Hymenoscyphus clavatus* (Pers.) W. Phillips**, Man. Brit. Discomyc. 141, 1887  
≡ *Peziza clavata* Pers., Mycol. Eur. 1: 285, 1822  
Type: On herbaceous stems, ? Germany; holotype: L 0054578 (910261211) (no apothecia left in the specimen - Carpenter, Mem. New York Bot. Gard. 33: 202, 1981)

### **claviculare**

*Helotium claviculare* (Wallr.) Sacc., Syll. fung. 8: 219, 1889  
≡ *Peziza claviculare* ['clavicularis'] Wallr., in Bluff & Fingerhut, Comp. Fl. German. 4: 477, 1833  
Type: On rabbit dung, Germany; holotype not found in STR (Carpenter, Mem. New York Bot. Gard. 33: 202, 1981)

### **clavipes**

*Helotium clavipes* (Hazsl.) Boud., Hist. classific. Discomyc. Europe 113, 1907  
≡ *Peziza clavipes* Hazsl., Verh. Zool.-Bot. Ges. Wien 37: 163, 1887  
Type: On stems of *Arthemisia vulgaris*, Slovakia (Hungarian Empire); holotype not located

### **clavuliforme**

*Helotium clavuliforme* (P. Karst.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 215, 1871  
≡ *Peziza clavuliformis* P. Karst., Fungi Fenniae Exsicc. 8: 742, 1868  
Type: On stems of *Rubus idaeus*, Finland; syntype: Fungi Fenniae Exsicc. 8: 742

≡ ***Allophylaria clavuliformis* (P. Karst.) P. Karst.**, Bidr. Känn. Finl. Nat. Folk 3: 243, 1878

### **clavuligerum**

*Helotium clavuligerum* Speg., Bol. Acad. Nac. Cienc. Córdoba 11: 262, 1888  
Type: On leaves of *Fagus betuloides*, Argentina; holotype: LPS 28344  
= *Hymenoscyphus titubans* [fide Gamundi & Giajotti, Bol. Soc. Argent. Bot. 18:18. 1977] ≡ ***Poculum titubans***

### **clavus**

*Helotium clavus* (Alb. & Schwein.) Gillet, Champignons de France, Discomyc.(6): 153, 1883  
≡ *Peziza clavus* Alb. & Schwein., Consp. fung. Lusat. 306 (1805); Fries, Syst. mycol. 2: 137, 1822  
Type: On leaves in water, Germany;  
≡ ***Cudoniella clavus* (Alb. & Schwein.) Dennis**, Persoonia 3: 73, 1964

### **clematidis**

*Helotium clematidis* (Fautrey) Boud., Hist. classific. Discomyc. Europe 112, 1907  
*Hymenoscyphus clematidis* (Fautrey) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Pezizella clematidis* Fautrey, in Roumeguere, Rev. Mycol. (Toulouse) 12: 161, 1890  
Type: On *Clematis vitalba*, France; syntype: Fungi sel. Gallici 55: 5412

### **coccinellum**

*Helotium coccinellum* (Fr.) Boud., Hist. classific. Discomyc. Europe 112, 1907  
≡ *Peziza coccinella* Fr., Syst. mycol. 2: 125, 1822  
Type: On dead wood, Italy; presumed holotype: Micheli, Nova pl. gen. pl. 86, fig. 12, 1728  
Baral (in litt., Oct. 2014) noted that according to Micheli's figure this might be a cyphelloid basidiomycete.

### **coccineum**

*Helotium coccineum* Pers., Mycol. eur. 1: 346, 1822  
Type: On ? twig, United Kingdom; presumed

holotype: Sowerby, Col. fig. Engl. fung. 3: pl. 294, fig. on the left [*Clavaria coccinea*], 1803

### **codicum**

*Hymenoscyphus codicum* Svrček, Sborn. Nár.

Mus. Praha 40B: 183, 1985

Type: On bark of *Pinus*, Czech Rep.

(Czechoslovakia); lectotype: On wood of *Picea abies*, Czech Rep., PRM (designat. by Svrček, l. c.).

New name for *Helotium verum* Velen.

### **collinum**

*Helotium collinum* Speg., Michelia 1: 473, 1879

Type: On lower side of leaf of *Viburnum lantana*, Italy; holotype not located

≡ *Mollisiella collina* (Speg.) Boud., Hist.

classif. Discomyc. Europe 142, 1907

### **complanatum**

*Helotium complanatum* Fr., Syst. mycol. 2: 158, 1822

≡ *Sarea complanata* (Fr.) Fr., Elenchus fung. 2: 14, 1828

Type: On twigs of *Alnus cordata*, Russia (Kamtschatka); prospective holotype: picture by Wormskjöld (Fries, Syst., l. c.)

### **conchellus**

*Hymenoscyphus conchellus* (Schwein.) Kuntze,

Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza conchella* Schwein., Trans. Amer.

Philos. Soc., ser. 2 4(2): 177, 1832

Type: On rotten twigs of *Morus alba*, USA;

holotype: PH

Baral (in litt., Oct. 2014) pointed out that the type specimen contains sporodochia, which were annotated by Arendholz (in sched.) as "sporodochia of a Tuberculariaceae".

### **concolor**

*Hymenoscyphus concolor* (W. Phillips) W.

Phillips, Brit. Discomyc. 139, 1887

*Helotium concolor* (W. Phillips) Masee, Brit. fung.-fl. 4: 247, 1895

≡ *Peziza concolor* W. Phillips, in Stevenson, Mycol. Scot.: 321, 1879

Type: On hard decorticated wood, United

Kingdom; holotype: K(M) (Carpenter, l. c.).

= *Crocicreas cyathoideus* [fide Carpenter, Mem. New York Bot. Gard. 33: 66-67, 1981]

### **confertum**

*Helotium confertum* Velen., Novit. mycol. 184, [1939] 1940

Type: On dead stems of *Hypericum*, *Solidago*, *Sarothamnus*, Czech Rep. (Czechoslovakia); authentic material: PRM 147465 (on *Sedum telephium*, according to Svrček, l. c. it represents the holotype)

= *Hymenoscyphus euphorbiae* [fide Svrček, Sborn. Nár. Mus. Praha 40B: 138, 1985]

Belongs in *Calycina*, perhaps *C. discreta* (Baral, in litt., Nov. 2014).

### **confine**

*Helotium confine* (P. Karst.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 139, 1871

*Hymenoscyphus confinis* (P. Karst.) J. Schröt., Pilze Schles. 3(2): 75, 1893

≡ *Peziza confinis* P. Karst., Not. Sälls. Fauna Fl. Förh. 10: 136, 1869

Type: On dead stems of *Juncus conglomeratus*, Finland; holotype: ? H

≡ *Conchatium confine* (P. Karst.) Svrček, Čes. Mykol. 33: 197, 1979

For details see Carpenter (Mem. New York Bot. Gard. 33: 66-67, 1981).

### **confluens**

*Helotium confluens* (Schwein.) Sacc., Syll. fung. 8: 222, 1889

≡ *Peziza confluens* Schwein., Trans. Amer.

Philos. Soc., Ser. 2, 4(2): 176, 1832

Type: On ? (no substrate mentioned), USA; holotype not located

≡ *Bisporella confluens* (Schwein.) Korf & Bujak., Agarica 6(12): 306, 1985

Keissler (Ann. Nat.-hist. Muse. 31: 100, 1917)

assumed that it is conspecific with *Helotium citrinum* var. *lenticulare*.

### **conformatum**

*Helotium conformatum* (P. Karst.) P. Karst., Not. Sälls. Fauna Fl. fenn. Förhan 11: 236, 1870

≡ *Peziza conformata* P. Karst., Not. Sälls. Fauna

Fl. fenn. 10: 149, 1869

Type: On "nerves" of leaves of *Alnus*, Finland;  
lectotype: H Karsten 1691

≡ ***Ciboria conformata* (P. Karst.) Svrček**, Čes.

Mykol. 36: 152, 1982

*Helotium conformatum* auct. (Rehm, Jaap, Migula, Nannfeldt) is, according to White (Farlowia 1: 145, 1943), conspecific with *Hymenoscyphus immutabilis*.

### conglomeratum

*Helotium conglomeratum* P. Crouan & H. Crouan, Fl. Finistère 48, 1867

Type: On dead twigs of *Rubus*, France;  
holotype: CO

≡ ***Ploettnera conglomerata* (P. Crouan & H. Crouan) Verkley**, Stud. Mycol. 44: 144, 1999

### conigenum

*Helotium conigenum* (Pers.) Fr., Summa veg. Scand., sect. post. 355, 1849

≡ *Peziza conigena* Pers., Syn. meth. fung. 2: 634, 1801; Fries, Syst. mycol. 2: 139, 1822

Type: On cones of *Pinus abietis*, Germany;  
holotype: ? L

≡ ***Mollisia conigena* (Pers.) Boud.**, Hist. classif. Discomyc. Europe 138, 1907

Missapplied for *Hymenoscyphus lutescens* (Hedw.) W. Phillips by Sydow in Mycotheca Germanica no. 395, 1905 (Lizoň, Mycotaxon 45: 30, 1992).

### conigenum

*Helotium virgultorum* var. *conigenum* Rehm', Ascom. 1: 10, 1870 – nom. nud. [Ber. Naturhist. Ver. Augsburg 26: 7, 1881]

Type: On decaying cones and needles of *Pinus*, Germany; syntype: Ascomyceten 1: 10, S F64007

= ***Hymenoscyphus virgultorum***

Saccardo (Syll. fung. 18: 52, 1906) has it in the synonymy of *Helotium eichleri*.

### conincola

*Helotium conincola* Velen., Monogr. Discomyc. Boh. 1: 197 [2: pl. 19, fig. 20], 1934

Type: On cones of *Pinus* and twigs and cones of *Picea*, Czech Rep. (Czechoslovakia);

syntypes: PRM 148220 ; PRM 824917; PRM 148802 (on cones of *Picea abies*, lectotype, designat. by Svrček, l. c.)

≡ ***Phaeohelotium conincola* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 139, 1985

### conisteum

*Helotium conisteum* (Durieu & Lév., ) Sacc., Syll. fung. 8: 228, 1889

≡ *Peziza conistea* Durieu & Lév., in Durieu, Expl. scient. Algerie [atlas], pl. 28, fig. 10, 1849

Type: ?; holotype: no material found in PC (Carpenter, l. c.)

Carpenter (Mem. New York Bot. Gard. 33: 203, 1981) noted that Saccardo's description was probably based on original plate by Durieu & Léveille. *Peziza conistea* might be a nomen nudum.

### conocarpus

*Helotium conocarpi* Seaver & Waterson, Mycologia 34: 517 [fig. 1], 1942

Type: On dead leaves of *Conocarpus erectus*, Bermuda; lectotype: NY (designat. by Dumont, l.c.); type: FH 00433662

≡ ***Moellerodiscus conocarpi* (Seaver & Waterson) Dumont**, Mycologia 68: 239, 1976

### conocephali

*Helotium marchantiae* var. *conocephali* Boyd, in Smith, Trans. Brit. Mycol. Soc. 3[1908]: 113, 1909

Type: On the thallus of *Conocephalum conicum*, United Kingdom; holotype: K(M) 30727

≡ ***Bryoscyphus conocephali* (Boyd) Spooner**, in Kirk & Spooner, Kew Bull. 38: 558, 1984

### consanguineum

*Helotium consanguineum* Ellis & Everh., in Seaver, N. Amer. Cup-fung. Inoperc. 143, 1951  
*Hymenoscyphus consanguineum* (Ellis & Everh.) M. P. Sharma in Khullar & M. P. Sharma, Himalayan Bot. Res. 134, 1991.

Type: On stems of *Tephrosia virginiana*, USA; syntype: Fungi Columbiani no. 1220 (On dead stems of *Tephrosia virginiana*, Newfield, N. J., Sept. 1879), K(M), FH 00433664, FH 00433665;



NY 830285 (tagged as 'type'); NY Ellis coll. (Febr. 1879)

The name *Helotium consaguineum* appeared in Fungi Columb. 1220, 1897 as a nomen nudum. Dennis (Persoonia 3: 39, 1964) studied the specimen from Ellis fungarium at NY (On dead stems of *Tephrosia virginiana*, Newfield, New Jersey, Feb. 1879) and assumed that it represents *Hymenoscyphus herbarum* or *H. humuli*.

### conscriptum

*Helotium conscriptum* (P. Karst.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. 11: 236, 1871

*Helotium sublenticulare* var. *conscriptum* (P. Karst.) P. Karst., Bidr. Känned. Finl. Natur Folk 19:119, 1871

*Hymenoscyphus conscriptus* (P. Karst.) Korf in Kobayashi & al., Ann. Rep. Inst. Ferment. (Osaka) 3: 55, 1967

≡ *Peziza conscripta* P. Karst., Fungi Fenniae Exsicc. 7: 638, 1867 [Not. Sällsk. Fauna Fl. Fenn. Förh. 10: 134, 1869]

Type: On twigs of *Salix*, Finland; syntype: Fungi Fenniae Exsicc. 7: 638

= *Helotium calyculus* [fide Dennis, Mycol. Pap. 62: 83, 1956] = ***Hymenoscyphus virgultorum*** Baral & Bemmam (2013) treat *Hymenoscyphus calyculus* (sensu Dennis), *H. conscriptus* and *H. virgultorum* as three distinct species.

### consobrinum

*Helotium consobrinum* Boud., Hist. classific. Discomyc. Europe 114, 1907

***Hymenoscyphus consobrinus* (Boud.)**

**Hengstm.** Persoonia 12: 4899, 1985

Type: On herbaceous stems, France; holotype not located

This is conspecific with *Hymenoscyphus menthae* (Baral in litt., Oct. 2014).

*Hymenoscyphus consobrinus* (Boud.) Arnolds & Baral (in Baral & Krieglsteiner, Beih. Z. Mykol. 6: 124, 1985) is an invalid name (date spread for basionym), and *Hymenoscyphus consobrinus* (Boud.) Arnolds (Coolia 26, suppl., 313, 1984) is an invalid name (no basionym was cited).

### contortum

*Helotium contortum* W. L. White, Farlowia 1: 147, fig. 4, 1943

***Hymenoscyphus contortus* (White) M. P.**

**Sharma**, Fungi Indian subcont. 110 [Bibl. Mycol. 91], 1983

Type: On leaves of *Alnus*, USA; holotype: ? DAOM; paratype: FH 00433666 [Labrador Lake, NY] (White, l. c.)

### convivale

*Helotium cyathoideum* var. *convivale* (Batsch) Boud., Hist. classific. Discomyc. Europe 114, 1907  
≡ *Peziza convivalis* Batsch, Elench. fung. 121, 1783; Fries, Syst. mycol. 2: 124, 1822

Type: On decaying leaves of *Hedera*, Germany; no material in JE (Carpenter, Mem. New York. Bot. Gard. 33: 204, 1981

= ***Crocicreas cyathoideum* (Bull.) S.E. Carp.,** Brittonia 32: 269, 1980 [fide Carpenter, l. c.] Saccardo (Syll. fung. 7: 356, 1888) has it in the synonymy of *Craterium leucocephalum* (Pers.) Rost.

### cookeana

*Hymenoscyphus cookeana* [*'cookeina*] (Seaver) Tewari & Khare, Mycologia 61: 429, 1969

≡ ***Humaria cookeana* [*'cookeina*] Seaver,** Mycologia 17: 46, 1925

Type: On decaying sticks, Puerto Rico; holotype: NY 00915316, ? isotype: NY 00915317

### coracinum

*Helotium coracinum* (Dur. & Lév.) Sacc., Syll. fung. 8: 237, 1889

≡ *Peziza coracina* Dur. & Lév., in Durieu, Expl. sci. Algerie [atlas] 10: pl. 28, fig. 4, 1849

Type: ?; holotype: On veins of leaf of *Quercus ilex*, Algeria, PC (Dennis, Persoonia 3: 40, 1964)

= ***Lanzia coracina* (Durieu & Lév.) Spooner,** Trans. Brit. Mycol. Soc. 76: 283, 1981 [fide]

*Peziza coracina* is apparently a nomen nudum since besides the illustration no description was presented.

### **coronatum**

*Helotium coronatum* (Bull.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 237, 1870

*Hymenoscyphus coronatus* (Bull.) W. Phillips, Man. Brit. Discomyc. 127, 1887

≡ *Peziza coronata* Bull., Hist. champ. France 1: 251, 1791; Fries, Syst. mycol. 2: 120, 1822

Type: On ?, France; neotype: NY 00914665 (on decaying stems, Germany, designat. by Carpenter & Dumont, Mycologia 70: 1234, 1978)

≡ ***Crocicreas coronatum* (Bull.) S. E. Carp.,** Brittonia 32: 269, 1980

See also Carpenter (Mem. New York Bot. Gard. 33: 49-50, 1981).

### **coronillae**

*Helotium loti* var. *coronillae* Velen., Monogr. Discomyc. Boh. 1: 191, 1934

Type: On stems of *Coronilla varia*, Czech Rep. (Czechoslovakia); holotype: PRM 148924

? = *Calycina discreta* (Svrček, Sborn. Nár. Mus. Praha 40B: 156, 1985, as *Hymenoscyphus*)

### **corticale**

*Helotium corticale* (Pers.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 242, 1870

≡ *Peziza corticalis* Pers. Observ. mycol. 1: 28, 1796; Fries, Syst. mycol. 2: 96, 1822

Type: On bark of *Quercus*, ? Germany; ? type: L 910261227 (L 0111603)

≡ ***Lasiobelonium corticale* (Pers.) Raitv.**

Scripta Mycol. 9: 106, 1980

*Lasiobelonium corticale* since about Raitviir 1970. Unrelated to *Lachnum*.

### **cortisedus**

*Helotium uliginosum* var. *cortisedum* P. Karst., Bidr. Känned. Finl. Nat. Folk 19: 122, 1871

≡ ***Hymenoscyphus cortisedus* (P. Karst.)**

**Dennis**, Persoonia 3: 75, 1964

≡ *Peziza cortiseda* P. Karst., Fungi Fenniae Exsicc. 5: 44, 1866 [Bidr. Känned Not. Fauna Fl. Fenn. 10: 149, 1869]

Type: On bark of *Betula*, Finland; syntype: Fungi Fenniae Exsicc. 5: 544

### **coryli**

*Helotium fructigenus* var. *coryli* Feuilleb. in Roum., Fungi sel. Gallici 38: 3727, 1886 [Rev. Mycol. (Toulouse) 8: 149, 1886]

***Hymenoscyphus fructigenus* var. *coryli* (Feuilleb.) Hengstm.,**

Persoonia 12: 489, 1985

Type: On pericarps of *Corylus avellana*, France; syntype: Fungi sel. Gallici 38: 3727

### **constantinii**

*Helotium constantinii* [*'Costantini'*], Boud. Bull. Soc. Mycol. France 4: 81 [pl. 17, fig. 1], 1888

*Hymenoscyphus constantinii* [*'Constantini'*] (Boud.) O. Kuntze, Revis. gen. pl. 3(2): 485, 1898

Type: On leaves of *Carex*, France; holotype missing - no material remains in PC (Carpenter, Mem. New York Bot. Gard. 33: 205, 1981)

A member of *Ombrophila* related to *O.*

*pileata* (P. Karst.) P. Karst. (Baral in litt., Oct.

2014). *Helotium constantinii* s. Velenovsky = *Phaeohelotium vasaense*

(Sborn. Nár. Mus. Praha 40B: 139, 1985, fide).

### **costatum**

*Helotium costatum* Boud., Bull. Soc. Bot. France 28: 95, 1881

Type: On culms of *Juncus acutiflorus*, France; holotype not located

≡ ***Unguicularia costata* (Boud.) Dennis,**

Mycol. Pap. 32: 79, 1949

### **craginianus**

*Hymenoscyphus craginianus* (Ellis & Everh.)

Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Helotium craginianum* (Ellis & Everh.) Seaver, N. Amer. Cup-fung. Inoperc. 144, 1951

≡ *Peziza craginiana* Ellis & Everh., J. Mycol. 1: 47, 1885

Type: On rotten wood, USA; holotype: nothing remains in the packet at NY (Dennis, 1964), no material at NY or FH (Carpenter, Mem. New York Bot. Gard. 33: 205, 1981)

### **crassipes**

*Helotium crassipes* (Pat.) Boud., Hist. classific.

Discomyc. Europe 115, 1907

≡ *Peziza crassipes* Pat., Tab. anal. fung., ser. 1,

124 [fig. 279], 1883

Type: On soil, France; holotype not located  
≡ **Lanzia crassipes (Pat.) Sacc.**, Syll. fung. 8:  
480, 1889

#### **crassum**

*Helotium crassum* Velen., Opera Bot. Čech. 4:  
119, 1947

**Hymenoscyphus salicellus** [fide Svrček, Sborn.  
Nár. Mus. Praha 40B: 140, 1985]

Type: On twigs of (?) *Salix*, Czech Rep.  
(Czechoslovakia); holotype: PRM 147118

#### **crastophilus**

*Helotium crastophilum* Sacc., Ann. Mycol. 10:  
311, 1912

**Hymenoscyphus crastophilus (Sacc.) Dennis**,  
Persoonia 3: 40, 1963

Type: On decaying stems, USA; holotype: ?  
PAD

#### **crataegi**

**Hymenoscyphus crataegi Baral & R. Galán**, in  
Baral & al., Sydowia 58: 148, 2006

Type: On leaves of *Crataegus monogyna*, Spain;  
holotype: AH 759; isotype: herb. Baral 7211

#### **cremea**

**Hymenoscyphus cremea M. P. Sharma**, in  
Khullar & M. P. Sharma, Himalayan Bot. Res.  
178, 1991

Type: On dead leaves of *Segretia sp.*, India;  
holotype: PAN; isotype: CUP

#### **cremeum**

*Helotium cremeum* E. K. Cash, Mycologia 28:  
249, fig. 4, 1936

Type: On stipes of *Pteridium aquilinum*  
*pubescens*, USA; holotype: BPI 654425  
≡ **Lanzia cremea (E.K. Cash) M. P. Sharma**,  
Achiev. Prosp. Mycol. Plant Pathol. 35, 1997

#### **crenulatus**

*Helotium crenulatum* Velen., Monogr.  
Discomyc. Boh. 1: 199 (2: pl. 20, fig. 10), 1934

**Hymenoscyphus crenulatus (Velen.) Svrček**,  
Sborn. Nár. Mus. Praha 40B: 140, 1985  
Type: On sheaths of *Carex muricata*, Czech Rep.

(Czechoslovakia); holotype: PRM 147587

#### **cribrosum**

*Helotium cribrosum* (Grev.) Berk., in Cooke,  
Handb. Brit. Fungi 2: 713, 1871

≡ *Peziza cribrata* Grev., Fl. Edin. 423, 1824  
Type: On the ground (sandy soil among  
grasses), United Kingdom; holotype: K(M)  
50650

#### **crispulum**

*Helotium crispulum* (P. Karst.) P. Karst., Not.  
Sallsk. Fauna FI Fenn. 11: 241, 1870

≡ *Peziza crispula* P. Karst., Fungi Fenniae Exsicc.  
7: 653, 1867 [Not. Sallsk. Fauna FI Fenn. 10:  
181, 1869]

Type: On stems of *Chenopodium bonus-*  
*henricus*, *Artemisia vulgaris* & *Cerefolium*  
*sylvestris*, Finland; syntype: Fungi Fenniae  
Exsicc. 7: 653, S F 5963

≡ **Urceolella crispula (P. Karst.) Boud.**, Hist.  
classif. Discomyc. Europe 130, 1907

For details see Dennis (Mycol. Pap. 32: 77, 1949).

#### **crispus**

*Hymenoscyphus crispus* (Cooke & W. Phillips)  
Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza crispa* Cooke & W. Phillips, Grevillea 8:  
62, 1879

Type: On wood, New Zealand; holotype: S  
F51972 (Maungaroa, 211 – corresponds with  
the protologue)

≡ **Pezizella crispa (Cooke & W. Phillips)**  
**Sacc.**, Syll. fung. 8: 287, 1889

#### **crocatus**

*Hymenoscyphus crocatus* (Mont.) Kuntze, Revis.  
gen. pl. 3(2): 485, 1898

*Helotium crocatum* (Mont.) Le Gal, Discomyc.  
Madagascar 347, 1953

≡ *Peziza crocata* Mont., Ann. Sci. Nat., Bot., ser.  
2, 13: 207, 1840

Type: On twig, French Guiana; holotype: PC

≡ **Poculum crocatum (Mont.) Dumont**,  
Mycologia 70: 85, 1978

*Hymenoscyphus crocatus* (Mont.) K. S. Thind  
& H. Singh (J. Ind. Bot. Soc. 51: 46, 1972) is a  
superfluous name.

### **croceus**

*Hymenoscyphus croceus* (Schwein.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza crocea* Schwein., Trans. Amer. Philos. Soc., ser. 2, 4(2): 176, 1832  
Type: On twigs of *Abies fraseri*, USA; holotype not located

### **crocinum**

*Helotium crocinum* Berk. & Curt., in Berkeley, J. Linn. Soc., Bot., 10: 368, 1869  
Type: On dead twigs, Cuba; holotype: ? K(M), isotype: ? CUP Durand

### **crocitinctus**

*Hymenoscyphus crocitinctus* (Berk. & M. A. Curtis) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza crocitincta* Berk & Curt., in Berkeley, Grevillea 3: 160, 1875  
Type: On rotten logs of *Quercus*, USA; holotype: ? K(M)  
≡ ***Calycella crocitincta* (Berk. & M.A. Curtis) Dennis**, Kew Bull. 15(2): 310, 1961

### **cruentatum**

*Helotium cruentatum* P. Karst., Not. Sällsk. Fauna Fl. Finn. Forh. 11: 238, 1870  
Type: On stems of *Dactylis glomerata*, Finland; holotype: ? H  
≡ ***Calycina cruentata* (P. Karst.) Kuntze**, Revis. gen. pl. 3(2): 448, 1898

### **cruentus**

*Hymenoscyphus cruentus* (Schwein.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza cruenta* Schwein., Trans. Amer. Philos. Soc., ser. 2, 4(2): 177, 1832  
Type: On bark of a twigs. USA; holotype not located  
≡ ***Orbilium cruenta*** (Schwein.) Morgan, J. Mycol. 8: 182, 1902

### **crystallinum**

*Helotium crystallinum* Quél., Bull. Soc. bot. Fr. 24: 329, 1878 [Gillet: 'crystallinum']  
Type: On *Salicis* and *Quercus*, France; lectotype: UPS BOT:F-015652 (designat. by Spooner, Helot. Australasia 187, 1987)

≡ *Orbilium crystallinum* (Quél.) Baral, Syst. Ascomycetum 13: 120, 1994, nom. illegit. – homonym of *Orbilium crystallinum* Rodway  
According to Baral (in litt., Oct. 2014) the correct name is *Orbilium crenatomarginata* (Höhn.) Sacc. & Trotter (Syll. fung. 22: 725, 1913).

### **cucullatum**

*Helotium cucullatum* (Batsch) J. F. Gmel, Systema Naturae, Edn 13 2(2): 1442, 1792  
≡ *Helvella cucullata* Batsch, Elench. fung., cont. prim. 189 [pl. 26, fig. 132, 1786  
Type: On needles of pine, Germany; holotype not located  
≡ ***Heyderia cucullata* (Batsch) Bacyk & Van Vooren**, Bull. Mens. Soc. Linn. Lyon 74(num. spéc.): 42, 2005

### **cucurbitae**

*Hymenoscyphus cucurbitae* (W. R. Gerard) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza cucurbitae* W. R. Gerard, Bull. Torrey bot. Club 5: 26, 1874  
Type: On dried rinds of *Cucurbita*, USA; holotype not located  
? = *Pseudombrophila deerrata* (P. Karst.) Seaver, N. Amer. Cup-fung. Operc. 141, 1928  
Authentic material, on dried rinds of squash (*Cucurbita*) was restudied by Dennis (Persoonia 3: 40, 1964) who found this to be a synonym of *Pseudombrophila deerrata* or a closely allied fungus.

### **cudonioides**

*Helotium cudonioides* Seaver, Mycologia 37: 267 [fig. 1], 1945  
Type: On rotten wood, USA; type: NY 1169416, 1169417, 1169418; ? isotype: K(M), FH 00433667  
= *Helotium acicularis* [fide Mains, Mycologia 48: 414, 1956] ≡ ***Cudoniella acicularis***

### **culmicola**

*Helotium culmicola* (Desm.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 231, 1870  
*Hymenoscyphus culmicola* (Desm.) Schröt. Pilze Schles. 3(2): 75, 1893

≡ *Peziza culmicola* Desm., Pl. Cryptog. France, ed. 1, 828, 1836 [Ann. Sci. Nat. Bot., 2 ser., 6: 244, 1836]

Type: On culms of grasses, France; syntype: Pl. Crypt. France, Ed. 1, no. 838, lectotype: NY (designat. by Carpenter & Dumont, Mycologia 70: 1229, 1978)

≡ ***Crocicreas culmicola* (Desm.) S. E. Carp.**, Brittonia 32: 269, 1980

### **culmigenum**

*Helotium culmigenum* Velen., Monogr.

Discomyc. Boh. 1: 200, 1934

Type: On leaves and stems of grasses, Czech Rep. (Czechoslovakia); syntypes: PRM 147537, PRM 148076; lectotype: PRM 147546 (designat. by Svrček, l. c.)

= ***Hymenoscyphus epiphyllus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 140, 1985]

Homonym of *Helotium culmigenum* (Fr.) Fr. (1849).

### **culmigenum**

*Helotium culmigenum* (Fr.) Fr., Summa veg. Scand., sect. post. 355, 1849

≡ *Peziza culmigera* Fr., Syst. mycol. 2: 127, 1822

Type: On dry stems, predominantly of *Triticum repens*, ? Sweden; holotype not located (Carpenter, Mem. New York. Bot. Gard. 33: 206, 1981)

≡ ***Ombrophila culmigena* (Fr.) Boud.**, Hist. classif. Discomyc. Europe 92, 1907

### **cuniculi**

*Helotium cuniculi* Boud., Bull. Soc. Mycol.

France 13: 16, pl. 3/4, 1897

Type: On rabbit dung, France; holotype not located

≡ ***Lanzia cuniculi* (Boud.) Dumont**, Mycologia 6: 326, 1975

### **cupreum**

*Helotium cupreum* Bres. Hedwigia 35: 295, 1896

***Hymenoscyphus cupreus* (Bres.) Dennis**,

Persoonia 3: 77, 1964

Type: On rotten bark, Brazil; S (gen. coll.

*Hymenoscyphus*, spec. collected by A. Moller might be part of original material)

### **cupularum**

*Helotium cupularum* Velen., Opera Bot. Čech. 4: 121, 1947

Type: On cupules of *Quercus*, Czech Rep. (Czechoslovakia); holotype: PRM 148167

= *Phaeohelotium imberbe* [fide Svrček, Sborn. Nár. Mus. Praha 40B: 141, 1985] =

***Hymenoscyphus imberbis***

### **curreyana**

*Hymenoscyphus curreyana* (Berk) W. Phillips, Man. Brit. Discomyc. 16, 1887

≡ *Peziza curreyana* Berk., in Currey, J. Linn. Soc., Bot., 1: 147, 1857

Type: On *Juncus effusus*, United Kingdom; holotype: K(M) 30718

≡ ***Myriosclerotinia curreyana* (Berk.)**

**Buchwald**, Friesia 3(4): 291, 1947 [fide Schumacher & Kohn, l. c.]

For details see Schumacher & Kohn (Canad. J. Bot. 63: 1610-1640, 1985).

### **curvipilum**

*Helotium curvipilum* P. Karst., Bidr. Känn. Finl.

Nat. Folk 19: 162, 1871

Type: On dead leaves of *Carex vesicaria*, Finland; holotype: H

≡ ***Urceolella curvipila* (P. Karst.) Raschle**,

Sydowia 29(1-6)[1976-77]: 218, 1977 [fide]

See also Dennis (Kew Bull. 17: 364, 1963, and Mycol. Pap. 62: 184-185, 1956).

### **cyathiformis**

***Hymenoscyphus cyathiformis* (Rehm)**

**Kuntze**, Revis. gen. pl. 3(2): 485, 1898

*Helotium cyathiforme* (Rehm) Boud., Hist.

classif. Discomyc. Europe 112, 1907

≡ *Phialea cyathiformis* Rehm, Pilze Deutschl., Hyster. Discomyc. 712, 1892

Type: On wood, Germany; holotype: S F9499 (noted by Carpenter 1978 as Neobulgaria); ? isotype: S F10536 (same collection site, noted 'ex herb. Lindau')

### **cyathoideum**

*Helotium cyathoideum* (Bull.) P. Karst., Not.

Sällsk. Fauna Fl. Förh. 11: 237, 1870

*Hymenoscyphus cyathoidea* ['*cyathoideus*']

(Bull.) Gray, Nat. arr. Brit. pl. 1: 1: 674, 1821  
≡ *Peziza cyathoidea* Bull., Hist. champ. France: 250, 1791; Fries, Syst. mycol. 2: 124, 1822  
Type: On herbaceous stems, France; holotype - no material remains in JE (Carpenter, Mem. New York Bot. Gar. 33: 204, 1981); neotype: PC (design by Carpenter, l. c.).  
≡ ***Crocicreas cyathoideum* (Bull.) S. E. Carp.**, Brittonia 32: 269, 1980  
Homonym of *Helotium cyathoideum* De Not. (Comm. Soc. Crittog. Italiana 1(5)[1863]: 377, 1864). *Hymenoscyphus cyathoideus* by (Phillips, Man. Brit. Discomyc. 140, 1887) is a superfluous name.

### **cyathula**

*Helotium cyathula* (Pers.) Boud., Hist. classif. Discomyc. Europe 114, 1907  
≡ *Peziza cyathula* Pers., Mycol. Eur. 1: 265, 1822  
Type: On stems, ? Germany; ? authentic material: 910261105 (L 0111627)  
= ***Crocicreas cyathoideum***

### **cyathus**

*Hymenoscyphus cyathus* (Nees) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza cyathus* Nees ex Martius, Fl. crypt. erlang. 463, 1817  
Type: On twigs of *Betula alba*, Germany; holotype not located  
≡ ***Pyrenopeziza cyathus* (Nees ex Mart.) Boud.**, Hist. classif. Discomyc. Europe 135, 1907

### **cyparissias**

*Helotium cyparissias* Velen., Monogr. Discomyc. Boh. 1: 194, 1934  
Type: On stems of *Euphorbia cyparissias*, Czech Rep. (Czechoslovakia); holotype - Svrček (l. c.) stated that the specimen in PRM does not represent the holotype.  
= ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 141, 1985]

### **dactylidis**

*Helotium dactylidis* J. Schröt., Pilze Schles. 3(2): 82, 1893  
Type: On fallen leaves of *Dactylis glomerata*,

Poland; holotype not located  
≡ ***Pachydisca dactylidis* (J. Schröt.) Boud.**, Hist. classif. Discomyc. Europe 93, 1907

### **dakotense**

*Helotium dakotense* (Rehm) Seaver, N. Amer. Cup-fung. Inoperc. 132, 1951  
≡ *Pezizella dakotensis* Rehm, Ann. Mycol. 11: 396, 1913  
Type: On twig of *Symphoricarpos occidentalis*, USA; holotype: S-F9702 (North Dakota Fungi, Brenecke 587); ? isotype: FH 00465498  
≡ ***Mollisia dakotensis* (Rehm) Dennis**, Persoonia 3: 42, 1964

### **daphninum**

*Helotium daphninum* Velen., Monogr. Discomyc. Boh. 1: 186, 1934  
Type: On stem (caudex) of *Daphne mezereum*, Czech Rep. (Czechoslovakia); holotype: PRM 147977

### **dearnessii**

***Hymenoscyphus dearnessii* (Ellis & Everh.) Kuntze**, Revis. gen. pl. 3(2): 484, 1898  
*Helotium dearnessii* (Ellis & Everh.) White, Mycologia 34: 167, 1942  
≡ *Phialea dearnessii* Ellis & Everh., Proc. Akad. Nat. Sci. Philad. 1893: 146, 1893  
Type: On old stems of *Steironema ciliatum*, Canada; syntype: N. Amer. Fungi, ser. 2, 27: 2624. 1891, K(M) 2 spec., FH-E  
*Peziza* (*Phialea*) *dearnessii* Ell. & Everh. presented in North American Fungi (1891) is a nomen nudum.

### **decolorans**

*Helotium decolorans* Velen., Monogr. Discomyc. Boh. 1: 201 (2: pl. 20, fig. 6, 7), 1934.  
Type: On grasses, Czech Rep. (Czechoslovakia); syntypes: PRM 148010 (on *Triticum sativum*), PRM 148920 (presented by Svrček, l. c., as holotype)  
According to Svrček (Sborn. Nár. Mus. Praha 40B: 141, 1985) the type specimen represents partly (*Phaeohelotium*) *Hymenoscyphus imberbis*.  
Homonym of *Helotium decolorans* Saut. (1866).

### **decolorans**

*Helotium decolorans* (Saut.) Saut., Mitt. Ver. Salz. Landesk. 6: 48, 1866  
≡ *Peziza decolorans* Saut., Flora 24: 312, 1841  
Type: On decayed wood, Austria; holotype: W  
≡ ***Vibrissea decolorans* (Saut.) A. Sánchez & Korf**, in Sánchez, J. Agric. Univ. Puerto Rico 51: 83, 1967

### **dehlii**

***Hymenoscyphus dehlii* M. P. Sharma**, in Khullar & M. P. Sharma, Himalayan Bot. Res. 176, 1991.  
Type: On dead leaves of an angiosperm, India; holotype: PAN; isotype: CUP

### **delavayi**

*Hymenoscyphus delavayi* (Pat.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Phialea delavayi* Pat., Rev. Mycol. (Toulouse) 12: 136, 1890  
Type: On wood, China; holotype: PC; isotype: FH

### **delectabile**

*Helotium delectabile* Mass. & Morg., J. Mycol. 8: 184, 1902  
Type: On slender twigs, USA; holotype not located; isotype: ? CUP Durand

### **dentatum**

*Helotium dentatum* Velen., Monogr. Discomyc. Boh. 1: 187 (2: pl. 20, fig. 28), 1934  
Type: On rotten leaves of *Quercus*, Czech Rep.; lectotype: PRM 148842 (designat. by Svrček, 1985: 141; on leaves of *Carpinus betulus* or *Acer* sp., not *Quercus* as stated in protologue); syntype: PRM 148496  
= ***Hymenoscyphus epiphyllus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 142, 1985]

### **denticulatus**

*Helotium denticulatum* Velen., Monogr. Discomyc. Boh. 1: 205 (2: pl. 20, fig. 41), 1934  
≡ ***Hymenoscyphus denticulatus* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 142, 1985  
Type: On leaves of *Quercus*, *Corylus*, Czech Rep. (Czechoslovakia); lectotype: PRM 148120 (on

leaves of *Quercus*, designat. by Svrček, l. c.); syntypes: PRM 148243, PRM 148936

### **deodarum**

*Helotium deodarum* Thind & Saini, Mycologia 59: 472, fig. 4, 1967  
≡ ***Hymenoscyphus deodarum* (Thind & Saini) Thind & P. M. Sharma**, Nova Hedwigia 32: 130, 1980  
Type: On needles of *Cedrus deodara*, India; holotype: PAN, isotype: K(M)

### **deparculum**

*Helotium deparculum* (P. Karst.) P. Karst., Not. Sällsk. Faun. Fl. Fenn. 11: 240, 1870  
≡ *Peziza deparcula* P. Karst., Not. Sällsk. Fauna et Fl. Fenn. Förh. 10: 191, 1869  
Type: On dead stems of *Filipendula ulmaria*, Germany; syntype: Herb. viv. mycol. 18: 1723  
= *Phialina ulmariae* (Lasch) Dennis [fide Dennis, Brit. Cup Fungi 102, 1960] ≡ ***Calycellina ulmariae* (Lasch) Korf**, Mycotaxon 14: 2. 1982

### **desertorum**

*Helotium desertorum* Velen., Monogr. Discomyc. Boh. 1: 209, 1934  
≡ ***Hymenoscyphus desertorum* (Velen.) Svrček**, Sborn. Nár. Muz. Praha 40B: 142, 1985  
Type: On *Hypnum rugosum* (= *Rhytidium rugosum*), Czech Rep. (Czechoslovakia); holotype: PRM 147243

### **destructor**

*Helotium destructor* Peck, in White, Mycologia 34: 163, 1942  
= ***Roseodiscus subcarneus* (Sacc.) Baral**, in Baral & Krieglsteiner, Acta Mycol. 41: 17, 2006 [fide]  
Type: see *H. subcarneus*  
New name for *Hymenoscyphus subcarneus*.

### **dhauladharus**

***Hymenoscyphus dhauladharus* M. P. Sharma**, in Khullar & M. P. Sharma, Himalayan Bot. Res. 180, 1991  
Type: On dead herbaceous stems, India; holotype: PAN 3322; isotype CUP

### **diabasicus**

*Hymenoscyphus diabasicus* Svrček, Čes.

Mykol. 45: 134, 1992

Type: On soil among mosses; holotype: PRM

### **dianae**

*Helotium dianae* Velen., Opera Bot. Čech. 4:

118, 1947

Type: On twigs of frondose trees, Czech Rep.

(Czechoslovakia); holotype: PRM 148175

= *Hymenoscyphus vernus* [fide Svrček,

Sborn. Nár. Mus. Praha 40B: 143, 1985] ≡

***Phaeohelotium vernum***

### **diaphanulus**

*Hymenoscyphus diaphanulus* (Cooke) Kuntze,

Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza diaphanula* Cooke, Buffalo Soc. Nat.

Sci. 2: 295, March 1875 [Hedwigia 14: 84, June 1875]

Type: On old wood, USA; holotype: K(M)

48782, Ellis 2161

≡ ***Orbilina diaphanula* (Cooke) Seaver, N.**

Amer. Cup-fung. Inoperc. 153, 1951

Baral (in litt., Oct. 2014) suggests it should be long in *Calycellina*.

### **dicrani**

*Helotium dicrani* Ade & Höhn., in Höhn.,

Sitzungsber. Kaiserl. Akad. Wiss., Math.-

Naturwiss. Cl., Abt. 1, 127: 595, 1918

Type: On living stems of *Dicranum longofolium*,

Germany; holotype: ? FH

≡ ***Bryoscyphus dicrani* (Ade & Höhn.)**

**Spooner**, in Kirk & Spooner, Kew Bull. 38(4):

561, 1984

### **dilutelloides**

*Hymenoscyphus dilutelloides* ['*dilutellodes*']

(Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Pezizella dilutelloides* Rehm, Hedwigia 30:

251, 1891

Type: On decaying petioles of *Robinia*

*pseudacacia*, Germany; syntype: Ascomyceten

21: 1003, S F9703, S F9704

≡ ***Pachydisca dilutelloides* (Rehm) Boud.,**

Hist. classific. Discomyc. Europe 94, 1907

### **dilutellus**

*Hymenoscyphus dilutellus* (Fr.) J. Schröt., Pilze

Schles. 3(2): 70, 1893

≡ *Peziza dilutella* Fr., Syst. mycol. 2: 147, 1822

Type: On dry herbaceous stems of *Epilobium*

*angustifolium*, ? Sweden; no type material

could be found in UPS (Baral in litt., Oct. 2014)

≡ ***Hyalinia dilutella* (Fr.) Boud.,** Hist. classific.

Discomyc. Europe 104, 1907

Possibly related to *Pyrenopeziza* (Baral in litt.,

Oct. 2014). *Hymenoscyphus dilutellus* by Kuntze

(Revis. gen. pl. 3(2): 485, 1898) is a superfluous

name.

### **discedens**

*Helotium discedens* P. Karst., Hedwigia 28: 191,

1889

Type: On bark of an deciduous tree, Brazil;

lectotype: Finnland, H 1268 (designat. by

Carpenter, Mycotaxon 2: 123, 1975)

= ***Bisporella claroflava*** [fide Lizoň & Korf,

Mycotaxon 54: 474, 1995]

### **disciforme**

*Helotium disciforme* (Fr.) Fr., Summa veg.

Scand., sect. post. 356, 1849

≡ *Peziza disciformis* Fr., Syst. mycol. 2: 134,

1822

Type: On twigs of *Fagus*, Sweden; holotype not

located

### **discolor**

*Helotium discolor* (Hedw.) Sacc., Syll. fung. 8:

244, 1889

≡ *Octospora discolor* Hedw., Musc. 2: 65 [pl. 22,

fig. C1-5], 1789; Fries, Syst. mycol. 2: 134. 1822

Type: On bark of a tree, Germany; holotype

not located

### **discretum**

*Helotium discretum* (P. Karst.) P. Karst., Bidr.

Känned. Finl. Natur Folk 19: 16, 1871

*Hymenoscyphus discretus* (P. Karst.) Svrček,

Sborn. Nár. Mus. Praha 40B: 156, 1985

≡ *Peziza discreta* P. Karst., Not. Sällsk. Fauna

Flora Fenn. 10: 146, 1869

Type: On *Humulus*, Finland; syntype: Fungi

Fenniae Exsicc. 7: 637; lectotype: H (designat.)



by Carpenter, Mem. New York Bot. Gard. 33: 209, 1981)

≡ ***Calycina discreta* (P. Karst.) Kuntze**, Revis. gen. pl. 3(2): 448, 1898

### **discula**

*Helotium discula* Ferd. & Winge, Bot. Tidskr. 30: 211 [fig. 1], 1910

Type: On wood, Venezuela;

≡ ***Helotiella discula* (Ferd. & Winge) Sacc. & Trotter**, Syll. fung. 22: 689, 1926

### **dispersellum**

*Helotium dispersellum* P. Karst., Bidr. Känn.

Finlands Natur Folk 19: 135, 1871

Type: On leaves of *Carex elongata*, Finland; lectotype: H; isolectotype: UPS, NY 01169421 (microslides) (designat. by Carpenter, Mem. New York Bot. Gard. 33: 90, 1981)

≡ ***Crocicreas dispersellum* (P. Karst.) S. E. Carp.**, Brittonia 32: 270, 1980

### **disseminatum**

*Helotium disseminatum* Henn., Hedwigia 41: 25, 1902

Type: On dead leaves of a palm, Brazilia; holotype missing in B (Hein, Englera 10: 41, 1988); type: S F9997 (tagged, isotypus, ex herb. Sydow); all data on the label correspond with the protologue; NY 01179416

This is clearly an *Orbilina* (Baral in litt., Oct. 2014).

### **distinguendum**

*Helotium distinguendum* P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 156, 1871

Type: On pine wood chips, Finland; holotype: ? H, ? isotype: NY 01169422

= ***Dasyscyphella dryina* (P. Karst.) Raitv.**, Synops. Hyaloscyph. 72, 1970

*Lachnum distinguendum* Rick (Broteria 5: 33, 1906) may represent the same taxon.

### **doliolum**

*Helotium doliolum* (Saut.) Sacc., Syll. fung. 8: 238, 1889

≡ *Peziza doliolum* Saut., Flora 24: 313, 1841

Type: On decaying wood, Austria; holotype:

the envelope in W has no mature apothecia (Keissler, Ann. Nat-hist. Mus. 31: 90, 1917)

### **dolosellum**

*Helotium cyathoideum* subsp. *dolosellum* (P. Karst.) P. Karst., Not. Sälls. Fauna Fl. Fenn. Förh. 11: 237, 1870

*Helotium dolosellum* (P. Karst.) Rehm, Hedwigia 26: 86, 1887

*Hymenoscyphus dolosellus* (P. Karst.) O. Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza dolosella* P. Karst., Not. Sälls. Fauna Fl. Fenn. 10: 137, 1869

≡ ***Crocicreas dolosellum* (P. Karst.) S. E. Carp.**, Brittonia 32: 270, 1980

Type: On stems of *Triticum repens*, Finland; holotype: H (Carpenter, Mem. New York Bot. Gard. 33: 90, 1981); isotype: NY 01169425 (microslides)

Missapplied by Velenovsky (Monogr. Discomyc. Boh. 1: 190, 2: pl. 20, fig. 32, 1934) for *Hymenoscyphus herbarum* (Svrček, Sborn. Nár. Mus. Praha 40B: 143, 1985)

### **drosodes**

*Helotium drosodes* Rehm, Hedwigia 20: 37, 1881

Type: On stem of *Adenostyles alpina*, Germany; syntype: Ascomyceten 12: 566, 1880, S F9708, NY 01169426; lectotype: S F9707 (designat. by Carpenter, Mem. New York Bot. Gard. 33: 209, 1981)

≡ ***Calycina drosodes* (Rehm) Baral & Declercq**, in Baral & al., Mycosystema 32: 423, 2013

### **dryadis**

***Hymenoscyphus dryadis* Raitv.**, in Chlebicki & Raitviir, Mycotaxon 86: 217, 2003

Type: On dead debris of *Dryas*, Greenland; holotype: C

### **dryinum**

*Helotium dryinum* (P. Karst.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 155, 1871

≡ *Peziza dryina* P. Karst. Not. Sällsk. Fauna Fl. Fenn. 10: 183, 1869

Type: On moldy wood of *Betula*, Finland;

≡ ***Dasyscyphella dryina* (P. Karst.) Raitv.**,  
Synops. Hyaloscyph. 72, 1970

### **dubium**

*Helotium dubium* Velen., Monogr. Discomyc.  
Boh. 1: 208 [2: pl. 30, fig. 27, 28], 1934  
Type: On dead mosses (*Hylocomium  
triquetrum*, *H. schreberi*, *H. splendens*), Czech  
Rep. (Czechoslovakia); lectotype: PRM 148165  
(designat. by Svrček, I. c., on *Rhytidiadelphus  
triquetrus*); syntypes: PRM 148233, PRM  
148249

≡ ***Muscicola dubia* (Velen.) Svrček**, Sborn.  
Nár. Mus. Praha 40B: 143, 1985

### **dumbirensse**

*Helotium dumbirensse* Velen., Monogr.  
Discomyc. Boh. 1: 188 [2: pl. 20, fig. 18], 1934  
Type: On deciduous wood immersed in water,  
Slovakia (Czechoslovakia); holotype: PRM  
148876

≡ ***Tatraea dumbirensis* ['dumbirensse']  
(Velen.) Svrček**, Čes. Mykol. 46: 161, 1993

### **dumorum**

*Hymenoscyphus dumorum* (Roberge ex Desm.)  
J. Schröt., Pilze Schles. 3(2): 74, 1893

≡ *Peziza dumorum* Roberge ex Desm., Ann. Sci.  
Nat., ser. 3, Bot., 14: 110, 1850

Type: On dead leaves of *Rubus*, France;  
holotype not located

≡ ***Fuscolachnum dumorum* (Roberge ex  
Desm.) J. H. Haines**, Mem. New York Bot.  
Gard. 49: 322, 1989

### **duriaeana**

*Hymenoscyphus duriaeana* (Tul. & Tul.) W.  
Phillips, Man. Brit. Discomyc. 115, 1887

≡ *Peziza duriaeana* Tul. & Tul., Sel. fung. carp. 1:  
103, 1861

Type: On *Carex brizoides*, France; holotype: ?  
isotype: CUP 17044

≡ ***Myriosclerotinia duriaeana* (Tul. & Tul.)  
Buchwald**, Friesia 3: 299, 1947

### **duriusculum**

*Helotium duriusculum* Velen., Monogr.

Discomyc. Boh. 1: 189 [2: pl. 20, fig. 14], 1934

***Hymenoscyphus duriusculus* (Velen.) Svrček**,

Sborn. Nár. Mus. Praha 40B: 144, 1985

Type: On trunk of *Quercus*, Czech Rep.

(Czechoslovakia); lectotype: PRM 147214

(designat. by Svrček, I. c.); syntypes: PRM

147216, PRM 148530

### **duschekiae**

***Hymenoscyphus duschekiae* Svrček**, Čes.

Mykol. 45: 135, 1992

Type: On leaves of *Duschekia alnobetula* (=

*Alnus viridis*); holotype: PRM 610264

### **ebuli**

*Helotium ebuli* Velen., Novit. mycol. 186, [1939]  
1940

Type: On stems of *Sambucus*, Czech Rep.

(Czechoslovakia); holotype: PRM 148053

= ***Hymenoscyphus herbarum*** [fide Svrček,

Sborn. Nár. Mus. Praha 40B: 144, 1985]

### **eburneum**

*Hymenoscyphus eburneus* (Rob.) W. Phillips,  
Brit. Discomyc. 145, 1887

*Helotium eburneum* (Roberge ex Desm.) Boud.,  
Hist. classif. Discomyc. Europe 112, 1907

≡ *Peziza eburnea* Roberge ex Desm., Ann. Sci.  
Natur., ser. 3 Bot., 16: 323, 1851

Type: On leaves of grasses, France; holotype  
not located; isotype: NYS (herb. Curtis)

≡ ***Psilachnum eburneum* (Roberge) Baral**, in  
Baral & Krieglsteiner, Beih. Z. Mykol. 6: 87, 1985

Homonym of *Helotium eburneum* P. Crouan &  
H. Crouan (1867)

### **eburneum**

*Helotium eburneum* P. Crouan & H. Crouan, Fl.  
Finistère 47, 1867

Type: On dead rotten leaves, France; holotype:  
? CO

### **echinophilus**

*Hymenoscyphus echinophilus* (Bull.) W. Phillips,  
Man. Brit. Discomyc. 122, 1887

≡ *Peziza echinophila* Bull., Herb. France 11: pl.

500, fig. 1, 1791; Fries, Syst. mycol. 2: 118, 1822

Type: On pericarpium of *Fagus sylvatica*, France; holotype not located

≡ ***Lanzia echinophila* (Bull.) Korf**, Mycotaxon 14: 1, 1982

The name was presented first in the *Herbier* (released in January - June 1976/1791). Full description was published in the *Histoire des champignons de France* (1: 235) that was published the same year (1791) but certainly later because Bulliard used some plates in this work published before in the *Herbier*.

### **effugiens**

*Helotium effugiens* (Roberge ex Desm.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 149, 1871

≡ *Peziza effugiens* Roberge ex Desm., Ann. Sci. Nat., sér. 3, Bot., 20: 231, 1853

Type: On dry stems, France; holotype not located

≡ ***Trichopeziza effugiens* (Roberge ex Desm.) Le Gal**, Revue Mycol. (Paris) 4: 54, 1939

### **egenulae**

see *egenulus*

### **egenulus**

*Hymenoscyphus egenulus* (Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Helotium egenulum* [*egenula*] (Rehm) Boud., Hist. classific. Discomyc. Europe 113, 1907

≡ *Phialea egenula* Rehm, Pilze Deutschl., Hyster. Discomyc. 726, 1893

Type: On rotten stems of *Rumex acetosa*, Germany; syntype: Mycoth. Marchica 9-10: 875 (as *Helotium cyathoideum* var. *egenulum*), S F92283, S F11651 (tagged 'holotype' inside), S F11649 (tagged 'holotypus' on the envelope (not a part of Mycoth. Marchica))

= ***Crocicreas cyathoideum* var. *cacaliae*** [fide Carpenter, Mem. New York Bot. Gard. 33: 78, 1981]

*Helotium cyathoideum* var. *egenulum* (Rehm) Sydow (Mycotheca March. 9-10: 875, 1884) is a nomen nudum (basionym not cited).

*Hymenoscyphus egenulus* [*egenulae*] by Dennis (British Ascomycetes 139, 1978) is a superfluous name.

### **eichleri**

*Helotium eichleri* Bres., Ann. Mycol. 1: 120, 1903

Type: On cones of *Pinus sylvestris*, Poland; holotype: S F10632; isotypes: S F64006 (microslide), K(M)

≡ ***Hymenoscyphus eichleri* (Bres.) Baral**, in Van Vooren, Ascomycete.org 4: 110, 2012

### **elaeinus**

*Hymenoscyphus elaeinus* (Sacc.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ ***Niptera elaeina* Pass. & Beltrani**, Atti R. Acad. Lincei, Trans., sér. 3 7: 37 (1882)

Type: On wood of *Olea europaea*, Italy (Sicily); holotype not located

### **elaeocarpi**

*Helotium elaeocarpi* Dennis, Kew Bull. 15: 304, 1961

Type: On leaves of *Elaeocarpus dentatus*, New Zealand; holotype: K(M); isotype: PDD 19047

### **elatinum**

*Helotium elatinum* (Alb. & Schwein.) Qué., Elenchir. fung. 309, 1886

≡ *Peziza elatina* Alb. & Schwein., Consp. fung. Lusat. 330, 1805; Fries, Syst. mycol. 2: 112, 1822

Type: On dead twigs of *Picea abies* [*Pinus picea*], Germany; holotype not located

≡ ***Rutstroemia elatina* (Alb. & Schwein.)**

**Rehm**, Pilze Deutschl., Hyster. Discomyc. 767, 1893

### **electrina**

*Hymenoscypha electrina* (W. Phillips & Plowr.) W. Phillips, Man. Brit. Discomyc. 142, 1893

≡ *Peziza electrina* W. Phillips & Plowr., in Phillips, Grevillea 8: 155, 1880

Type: On decaying leaves of *Pinus sylvestris*, United Kingdom; holotype K(M) 31104.

authentic: Phillips, Elv. Brit. 187, K(M) 31104, BPI 666921

Phillips (Man. Brit. Discomyc.) assumed, since it was intermixed with *Dacryomyces succineus* that it is its ascigenous stage.

Rehm (Pilze Deutschl., Hyster. Discomyc. 460, 1893) presented the species as *Orbilium succinea* (Fr.) Rehm. Höhnel (Sitzungsber.

Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1, 127: 374, 1918) refused both opinions because it was growing with *Dacryomyces* only accidentally and it can not be an *Orbilina* while the apothecia are stipitate.

### **elegans**

*Hymenoscyphus elegans* (Saut.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza elegans* Saut., Flora 24: 313, 1841  
Type: On decaying wood, Austria; holotype: ? W  
≡ ***Pezizella elegans* (Saut.) Sacc.**, Syll. fung. 8: 284, 1889

### **elegans**

*Helotium aciculare* var. *elegans* Pers., Mycol. eur. 1: 343, 1822  
Type: On wood of *Quercus*, ? Germany; holotype: ? L  
= ***Cudoniella acicularis***

### **elegantulum**

*Helotium elegantulum* (P. Karst.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 157 (1871)  
≡ *Peziza elegantula* P. Karst., Syn. Peziz. Ascob. fenn. 24, 1861  
Type: On stems of *Epilobium angustifolium*, Finland; holotype: ? H  
≡ ***Belonidium elegantulum* (P. Karst.) Raitv.**, Synops. Hyaloscyph. 47, 1970

### **ellisii**

*Hymenoscyphus ellisii* Dennis, Persoonia 3: 48, 1964  
Type: On decorticated wood, USA; holotype: NY 830295 (as 'syntype'), isotypes (as 'isosyntypes'): NY 830295, NY 830296  
≡ ***Calycina lactea* (Ellis & Everh.) Baral, R. Galán & G. Platas**, in Baral & al., Mycosystema 32: 423, 2013  
*H. ellisii* is a new name for *Helotium lacteum* Ellis & Everh. (1888), a homonym of *Helotium lacteum* Cooke (1879). See also Mattheis (Schweiz. Z. Pilzkde. 50: 57-61, 1972).

### **ellisii**

*Helotium epiphyllum* var. *ellisii* Rehm, Ann. Mycol. 7: 535, 1909  
Type: On leaves of *Acer rubrum*, USA; ? syntype: Mycoth. univers. 4: 315 (cited by Rehm)  
= ***Phaeohelotium epiphyllum***

### **elongata**

'*Helotium scutula* f. *elongata* Rehm', in Sydow, Mycoth. Marchica 36-38: 3684, 1892 – ? nom. nud.  
Type: On *Eupatorium cannabinum*, Germany; syntype: Mycoth. Marchica 36-84: 3684, S (gen. coll. *Hymenoscyphus*); S has at least 3 another specimens collected also by Sydow (all ex herb. Rehm)

### **elongatum**

*Helotium elongatum* (Schumach.) Pers., Mycol. eur. 1: 344, 1822  
*Helvella elongatum* Schum., Enum. Pl. Sael. 2: 412, 1803  
Type: On ?, Denmark; holotype not located  
= *Helotium aciculare* var. *abietinum* [fide Saccardo, Syll. fung. 8: 217, 1889] = ***Cudoniella queletii* (Fr.) Sacc.**, Syll. fung. 8: 41, 1889

### **emergens**

*Hymenoscyphus emergens* Cooke & W. Phillips, Man. Brit. Discomyc. 139, 1887  
*Helotium emergens* (Cooke & W. Phillips) Masee, Brit. fung.-fl. 4: 251, 1895  
Type: On twigs, United Kingdom; holotype: specimen in K(M) contains only stipe bases of apothecia (Carpenter, Mem. New York Bot. Gard. 33: 211, 1981)  
= ***Hymenoscyphus parilis*** [fide Dennis, Persoonia 3: 74, 1964]

### **epibryus**

***Hymenoscyphus epibryus* (Höhn.) Haluwyn**, Bull. Soc. Mycol. Nord 45-46[1989]: 83, 1990  
≡ *Phialea epibrya* Höhn., Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1, 116: 136, 1907  
Type: On leaves of *Hypnum* sp., Czech Rep. ("Mahren"); holotype: S F92364 (ex herb. Rehm, data correspond with the protologue)

### **epicalamia**

*Hymenoscyphus epicalamia* (Fuckel) Migula, Krypt.-Fl. Deutschl., Pilze 3(2): 1159, 1913  
≡ *Peziza epicalamia* Fuckel, Jahrb. Nass. Ver. Naturk. 27-28: 61, 1873  
Type: On dry stems of *Triticum repens*, Germany; holotype: G; released by Fuckel also in Fungi Rhenani 27: 2683 (1874)  
= ***Crocicreas stramineum* (Berk. & Broome) S. E. Carp.**, Brittonia 32: 271, 1980 [fide Carpenter, Mem. New York Bot. Gard. 33: 176, 1981]

### **epicalamium**

*Helotium scutula* var. *epicalamium* P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 111, 1871  
Type: On culms of *Typha latifolia*, Finland; holotype: ? H  
= ? *Hymenoscyphus scutula*

### **epigaeum**

*Helotium epigaeum* P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 13: 449, 1874  
***Hymenoscyphus epigeus* (P. Karst.) Kuntze**, Revis. gen. pl. 3(2): 485, 1898  
Type: On soil, Finland; no material at H – Dennis (Mycol. Pap. 62: 187, 1956) found the envelope empty

### **epilobii**

*Hymenoscyphus cyathoidea* var. *epilobii* Cooke  
≡ *Peziza cyathoidea* var. *epilobii* Cooke, Fungi Brittanici, ser. 2, 4: 378, 1876  
Type: On *Epilobium*, United Kingdom; syntype: Fungi Brittanici, ser. 2, 4: 378  
= *Phialea cyathoidea* [fide Dennis, Mycol. Pap. 62: 21, 1956] ≡ ***Crocicreas cyathoideum***

### **epilobii**

*Helotium epilobii* Velen., Monogr. Discomyc. Boh. 1: 194, 1934  
Type: On stem *Epilobium angustifolium*, Czech Rep. (Czechoslovakia); holotype: PRM 150142 (designat. by Svrček, l. c., as a lectotype)  
= ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 145, 1985]

### **epiphyloides**

*Helotium epiphyloides* Thind & Singh, Mycologia 62: 487 [fig. 1B, 3A-C], 1970  
***Hymenoscyphus epiphyloides* (Thind & Singh) Thind & P. M. Sharma**, Nova Hedwigia 32: 130, 1980  
Type: On decaying leaves of *Pyrus*, India; holotype: PAN; isotypes: CUP, K(M)

### **epiphyllum**

*Helotium epiphyllum* (Pers.) Fr., Summa veg. Scand., sect. post. 356, 1849  
*Hymenoscyphus epiphyllus* (Pers.: Fr.) Rehm ex Kauffman, Pap. Michig. Acad. Sci. Arts Lett. 9[1928]: 177, 1929  
≡ *Peziza epiphylla* Pers. Ann. Bot. 11: 30, 1794; Fries, Syst. mycol. 2: 137, 1822  
Type: On decaying leaves, ? Germany; holotype not located in L (Lizoň, Mycotaxon 45: 16, 1992); isotype: NY 01169430 (microslides; noted by Dumont, Feb. 1978: "ex RIJKS, L. 4626 no.2, Leiden, Herb. Persoon, no apothecial material found")  
≡ ***Phaeohelotium epiphyllum* (Pers.) Hengstm.**, Mycotaxon 107: 272, 2009

### **episphaericum**

*Helotium episphaericum* Peck, Annual Rep. New York State Mus. 40[1886]: 66, 1887  
Type: On *Hypoxylon morsei*, USA; holotype: NYS f001094, isotypes: CUP, BPI 654864A, BPI 654864B  
= *Patinellaria cubensis* (Berk. & Curt.) Dennis [fide Dennis, Persoonia 3: 44, 1964] ≡ ***Encoelia cubensis* (Berk. & M. A. Curtis) Iturr., Samuels & Korf**, in Iturriaga, Mycotaxon 52: 272, 1994  
*Helotium episphaericum* is not listed in the synonymy of *Encoelia cubensis* by Iturriaga (l. c.).

### **episphaerium**

*Helotium episphaerium* House, Bull. New York St. Mus. 219/222: 69, 1920  
Type: On stroma of *Hypoxylon morsei*, USA; holotype not located

### **epithallinus**

*Hymenoscyphus epithallinus* (W. Phillips & Plowr.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza epithallina* W. Phillips & Plowr.,  
*Grevillea* 6: 24, 1877

Type: On thalus of *Petigera canina*, United Kingdom; holotype K(M) 31775 (Baral in litt., Oct. 2014: specimen has no apothecia)  
≡ ***Pezizella epithallina* (W. Phillips & Plowr.) Sacc.**, Syll. fung. 8: 282, 1889

### **equiseti**

*Helotium equiseti* Velen., Čes. houby (4-5): 851, 1922

Type: On old dead stems of ferns, Czech Rep. (Czechoslovakia); holotype: PRM bottle # 2 (but Svrček, Sborn. Nár. Mus. Praze 40B: 145, 1985, found no material there)

### **equisetinum**

*Helotium equisetinum* (Quél.) Sacc., Syll. fung. 8: 234, 1889

≡ *Peziza equisetina* Quél., *Grevillea* 8: 38, 1879  
Type: On *Equisetum limonum*, France;  
holotype: no specimen either in PC or UPS (Carpenter, Mem. New York Bot. Gard. 33: 212, 1981)  
≡ ***Psilachnum equisetinum* (Quél.) Svrček**, Sborn. Nár. Mus. Praze 40B: 146, 1985

### **equisetinus**

*Hymenoscyphus equisetinus* (Velen.) Dennis, Brit. Ascom. 138, 1978

≡ *Septatium equisetinum* Velen., Monogr. Discomyc. Boh. 1: 212, 1934

Type: On rotten stems of *Equisetum variegatum*, Czech Rep. (Czechoslovakia); holotype: PRM - no apothecia found (Dennis, l. c.)

≡ ***Roseodiscus equisetinus* (Velen.) Baral**, in Baral & Kriegelsteiner, *Acta Mycol.* 41: 17, 2006

### **ericae**

*Hymenoscyphus ericae* (D. J. Read) Korf & Kernan in Kernan & Finocchio, *Mycologia* 75: 919, 1983

≡ *Pezizella ericeae* D. J. Read, *Trans. Brit. Mycol. Soc.* 63: 381, 1974

Type: On roots of *Calluna vulgaris*, United Kingdom; holotype: K(M) IMI 182065  
≡ ***Pezoloma ericae* (D. J. Read) Baral**, *Acta Mycol.* 41: 16, 2006

### **ericinum**

*Helotium ericinum* (Quél.) Boud., *Hist. classific. Discomyc. Europe* 113, 1907

≡ *Erinella ericina* Quél., *Compt. Rend. Assoc. Franç. Avancem. Sci.* 14(2): 451, 1886

Type: On twigs in moss near of heather, France; holotype not located

≡ ***Dasyscyphus ericinus* (Quél.) Sacc.**, Syll. fung. 8: 453, 1889

### **erioloma**

*Hymenoscyphus eriolomus* (Fr.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Helotium erioloma* (Fr.) Boud., *Hist. classific. Discomyc. Europe* 111, 1907

≡ *Peziza erioloma* Fr., *Syst. mycol.* 2: 121, 1822  
Type: On twigs of *Erica*, ? Sweden; holotype not located

### **erraticum**

*Helotium erraticum* W. L. White, *Farlowia* 1: 606 [fig. 14-18], 1944

### ***Hymenoscyphus erraticus* (W. L. White)**

**Otani**, in Otani & Tubaki, *Mem. Nat. Sci. Mus. Tokyo* 9: 79, 1976

Type: On leaves of ? *Acer*, USA; syntypes: FH 00433670, FH 00433671; paratypes: FH 00433668, FH 00433672, CUP; isoholotypes: NY 01169436 (microslide), 01169435, isoparatypes: NY 01169438

*Hymenoscyphus erraticus* by Arendholz (Morph.-taxon. *Unters. Ascom.* 67, 1979) and by Thind & al. (in Sarbhoy, *Fungi Indian Subcont.* 254, 1983) are superfluous names.

### **erumpens**

*Helotium erumpens* Velen., *Monogr. Discomyc. Boh.* 1:194, 1934

Type: On twigs of *Quercus* sp. Czech Rep.; holotype: PRM 147227

Probably conspecific with *Hymenoscyphus sordidus* (Svrček, Sborn. Nár. Mus. Praha 40B: 148, 1985).

### **eryngii**

*Helotium urticae* var. *eryngii* Velen., Monogr.

Discomyc. Boh. 1: 190, 1934

Type: On stem of *Eryngium campestre*, Czech Rep.; holotype: PRM 147225

= ***Hymenoscyphus euphorbiae*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 182, 1985]

Belongs in *Calycina*, perhaps *C. discreta* (Baral, in litt. Nov., 2014).

### **erythropus**

*Helotium erythropus* (Saut.) Saut., Mitt. Ges.

Salzburger Landesk. 6: 47, 1866

≡ *Peziza erythropus* Saut., Flora 24: 312, 1841

Type: On stems of *Angelica sylvestris*, Austria; holotype: W

= *Helotium scutula* [fide Keissler, Ann. Nat.-hist. Mus. 31: 92, 1917] ≡ ***Hymenoscyphus scutula***

### **erythropus**

***Hymenoscyphus erythropus* Döbbeler**, Mitt.

Bot. St.-Samml. München 17: 458, 1981

Type: On leaves of *Dawsonia superba* var. *pulchra*, Australia; holotype: M

### **eschschoziae**

*Hymenoscyphus eschschoziae* [,*eschschoztziae*']

(W. Phillips & Harkn.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Helotium eschschoziae* [,*eschschoztziae*'] (W. Phillips & Harkn.) Seaver, N. Amer. Cup-fung. Inoperc. 129, 1951

≡ *Peziza eschschoziae* [,*eschschoztziae*'] W. Philips & Harkn., Bull. Calif. Acad. Sci. 1: 22, 1884

Type: On dead stems of *Eschschozia californica*, USA; holotype: K(M) (Carpenter, Mem. New York Bot. Gard. 33: 100, 1981)

≡ ***Crocicreas eschschoziae* ['*eschschoztziae*'] (W. Phillips & Harkn.) S. E. Carp.**, Brittonia 32: 270, 1980

*Hymenoscyphus eschschoziae* by M. P. Sharma (Himalayan Bot. Res. 142, 1991) is a superfluous name.

### **eucalypti**

*Helotium herbarum* var. *eucalypti* Dennis, Kew Bull. 12: 397, 1957

Type: On dead leaves of *Eucalyptus*, Australia; holotype: K(M) WARI 7605

? = *Hymenoscyphus herbarum*

### **euphorbiae**

*Helotium euphorbiae* Velen., Monogr.

Discomyc. Boh. 1: 191 (2: pl. 20, fig. 26), 1934

***Hymenoscyphus euphorbiae* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 147, 1985

Type: On stems of *Hypericum*, *Euphorbia cyparissias*, *Scrophularia alata* and *S. nodosa*, Czech Rep. (Czechoslovakia); holotype: PRM 147519; syntypes: PRM 147223, PRM 148232, PRM 148490, PRM 149383

### **eurotioides**

*Helotium eurotioides* (P. Karst.) P. Karst., Bidr.

Känn. Finl. Nat. Folk 19: 146, 1871

≡ *Peziza eurotioides* P. Karst., Fungi Fenn. 7: 652, 1867 [Not. Fauna Fl. Fennica 10: 190, 1869]

Type: On dry stems of *Artemisia vulgaris*, Finland; syntype: Fungi Fenniae Exsicc. 7: 652, S F8159

≡ ***Unguiculella eurotioides* (P. Karst.) Nannf.**, Trans. Brit. Mycol. Soc. 20: 194, 1936

### **exaratus**

*Hymenoscyphus exaratus* (Berk.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza exarata* Berk, Grevillea 3: 160, 1875

Type: On dead wood, USA; holotype: K(M) 180850

= ***Guepiniopsis buccina*, Dacrymycetales**

### **excavatus**

*Hymenoscyphus excavatus* (Saut.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza excavata* Saut., Flora 24: 314, 1841

Type: On decaying wood, Austria; holotype missing in W (Keissler, Ann. Nat.-hist. Mus. 31: 109, 1917)

### **exidiellus**

*Hymenoscyphus exidiellus* (Berk. & M.A. Curtis)

Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza exidiella* Berk. & M.A. Curtis, in Berkeley, Grevillea 3: 158, 1875

Type: On *Cornus florida*, USA; holotype not located

≡ ***Pezizella exidiella* (Berk. & M.A. Curtis)**  
**Sacc.**, Syll. fung. 8: 288, 1889

### **exiguus**

*Hymenoscyphus exiguus* (Cooke) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza exigua* Cooke, Hedwigia 14: 83, 1875

Type: On stems of *Erigeron*, USA; holotype K(M) 36004 (Ellis 1016)

This is an *Orbilbia* (Baral in litt., Oct. 2014).

### **expallens**

*Helotium javanicum* var. *expallens* Penz. & Sacc., Malpighia 15: 204, 1902

Type: On old wood, Indonesia (Java); holotype not located

### **fagi**

*Helotium gemmarum* f. *fagi* (Jaap.) Höhn., Sitzungsber. Akad. Wiss. Wien, Math.-Naturwiss. Kl., Abt. 1, 127: 360, 1918

≡ *Ciboria fagi* Jaap, Verh. Bot. Ver. Prov. Brandenb. 52: 5, 1910

Type: On sprouts of *Fagus sylvatica*, Germany; syntype: Fungi sel. (Jaap & Brick) 13: 353, S F11298, S F11300

≡ ***Pezizella fagi* (Jaap) Matheis**, Friesia 10(4-5): 283, 1975

### **fagineum**

*Helotium fagineum* (Pers.) Fr. Summa veg. Scand., sect. post. 356, 1849

*Hymenoscyphus fagineus* (Pers.: Fr.) Dennis, Persoonia 3: 74, 1964

≡ *Peziza faginea* Pers., Neues Mag. Bot. 1: 114, 1794; Fries, Syst. mycol. 2: 136, 1822

Type: On fallen pericarps of *Fagus sylvatica*, ? Germany; holotype not located in L (Lizoň, Mycotaxon 45: 19, 1992)

≡ ***Phaeohelotium fagineum* (Pers.)**

**Hengstm.**, Mycotaxon 107: 273, 2009

### **fallax**

*Helotium fallax* (E. Bommer & M. Rousseau)

Boud., Hist. classific. Discomyc. Europe 114, 1907

≡ *Ciboria fallax* E. Bommer & M. Rousseau, Bull.

Soc. Roy. Bot. Belg. 23: 147, 1884

Type: On herbaceous stems and of *Rubus*, Belgium; holotype not located

### **fasciculare**

*Helotium fasciculare* Berk. & Broome, J. Linn. Soc., Bot., 14: 107, 1873

Type: On bark, Sri Lanka (Ceylon); holotype not located

### **fastidiosum**

*Helotium fastidiosum* Peck, Annual Rep. New York State Mus. 27: 107, 1875

***Hymenoscyphus fastidiosus* (Peck) Arendh.**,

Morph.-taxon. Untersuch. Ascom. 88, 1979

Type: On petioles and midribs of *Alnus* sp., USA; holotype: NYS f001159; isotypes: NY 01169440, NY 01169441

### **felicetatis**

*Helotium felicetatis* P. Crouan & H. Crouan, Fl. Finistère 48, 1867

Type: On soil among *Gloeocapsa* and small mosses, France; holotype: ? CO

Le Gal (Rev. Mycol. 18: 127, 1953) stated that this is a lichen.

### **fergussonii**

*Helotium fergussonii* [*'fergussonii'*] Sacc., Syll. fung. 8: 223, 1889

Type: On rotten wood, United Kingdom; holotype not located

≡ ***Pezoloma fergussonii* (Sacc.) Korf**,

Phytologia 21: 205, 1971

New name for *Helotium melleum* Berk. & Broome (1875), a homonym of *H. melleum* Berk. & Broome (1873). Treated by Dennis (Persoonia 3: 78, 1964) in *Sphagnicola*.

### **ferrugineum**

*Helotium ferrugineum* (Schumach.) Fr., Summa veg. Scand., sect. post. 356 (1849)

≡ *Peziza ferruginea* Schumach., Enum. plant.

Saelandiae 429, 1803; Fries, Syst. mycol. 2: 134, 1823

Type: On fallen rotten wood, Denmark; holotype not located

≡ ***Calycella ferruginea* (Schumach.) Boud.**,

Hist. classific. Discomyc. Europe 95, 1907



### **ferrugineum**

*Helotium sublenticulare* var. *ferrugineum*  
Killerm., Kryptog. Forsch. 2(3): 275, 1935  
Type: On wood of *Quercus*, Germany;  
holotype: ? M

### **fibrillosus**

***Hymenoscyphus fibrillosus* Graddon**, Mycol.  
Res. 94: 232, 1990  
Type: On wood of *Fagus*; holotype: K (M) 45876  
Graddon (l. c.) noted that "it seems to be  
a *Calycellina* but, these being in general  
foliicolous, it is placed in *Hymenoscyphus* on  
account of its woody substrate."

### **fibuliformis**

*Hymenoscyphus fibuliformis* ['*fibulaeformis*']  
(Bolt.) Gray, Nat. arr. Brit. pl. 1: 673, 1821  
*Helotium fibuliforme* (Bolton) Berk., Outl. Brit.  
fung. (London): 371 (1860)  
≡ *Helvella fibuliformis* Bolt., Hist. fung. Halifax  
3: 176, pl. 176, 1789; Fries, Syst. mycol. 2: 155,  
1822  
Type: On sticks or roots near water, United  
Kingdom; holotype missing  
Nannfeldt (Trans. Brit. Mycol. Soc. 23: 247,  
1939) noted that probably no authentic  
material exists and that the description  
strongly suggests *Vibrissea truncorum* Alb. &  
Schwein.

### **filicicola**

*Helotium filicicola* ['*filicolum*'] Hazsl., Math.  
Természettud. Közlem. 21: 254, 1886 [Verh.  
zool.-bot. Ges. Wien 37: 164, 1887]  
Type: On stems of a fern, Slovakia (Hungarian  
Empire); holotype not located in BP  
Issued in Mycotheca Germanica 71: 3546  
from Germany (on *Athyrium filix-femina*,  
Brandenburg, 17. X. 1940, H. Sydow).

### **filicinum**

*Helotium filicinum* Thind & Singh, Mycologia  
62: 486, fig. 1A, 2A-C, 1970  
***Hymenoscyphus filicinus* (Thind & Singh)**  
**Thind & P. M. Sharma**, Nova Hedwigia 32:  
130, 1980  
Type: On fronds of *Polystichum squarosum*,

India; holotype: PAN-3046; isotypes: BPI  
654881, BPI 654882, BPI 654883, CUP, K(M)

### **filicum**

*Hymenoscyphus filicum* (W. Phillips) Kuntze,  
Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza filicum* W. Phillips, Grevillea 13: 74,  
1885  
Type: On stems of *Lastrea* (*Dryopteris*) *filix-mas*,  
United Kingdom; holotype: ? K(M)  
= ***Allophylaria filicum* (W. Phillips) Svrček**,  
Čes. Mykol. 43: 222, 1989  
Svrček, l. c., p. 224) noted that *Allophylaria*  
*campanuliformis* (Fuckel) Svrček is similar but  
distinct species.

### **filipes**

*Hymenoscypha filipes* W. Phillips, Man. Brit.  
Discomyc. 116, 1887  
Type: Growing on sclerotium among plant  
debris, United Kingdom; holotype: ? K(M)  
≡ ***Sclerotinia filipes* (W. Phillips) Sacc.**, Syll.  
fung. 8: 198, 1889

### **fimetarium**

*Helotium fimetarium* (Pers.) Pers., Syn. meth.  
fung. 2: 678, 1801  
≡ *Leotia fimetaria* Pers., Icon. Desc. fung. Min.  
Cognit. 2[1799]: 21, 1800; Fries, Syst. mycol. 2:  
157, 1822  
Type: On cow dung, ? Germany; holotype: L  
910261976; K(M) specimen by Persoon?  
≡ ***Stilbella fimetaria* (Pers.) Lindau**, Verh. bot.  
Ver. Prov. Brandenb. 47: 75, 1905 [fide Boudier,  
Hist. classific. Discomyc. Europe 112, 1907],  
***Hypocreales***

### **firmulum**

*Helotium firmulum* P. Karst., Meddel. Soc. Fauna  
Fl. Fenn. 16: 33, 1888  
Type: On dry stems of *Rubus idaeus*, Finland;  
lectotype: H (designat. by Huhtinen & Scheuer,  
l. c.)  
= ***Phialina separabilis*** [fide Huhtinen &  
Scheuer, Öster. Z. Pilzk. 4: 2, 1995]

**firmum**

*Helotium firmum* Velen., Opera Bot. Čech. 4: 124, 1947

Type: On capillary roots of *Anthoxanthum*, Czech Rep. (Czechoslovakia); holotype: PRM 148197 [Svrček, l. c.: on rotten nuts of *Carpinus betulus*]

= ***Hymenoscyphus fructigenus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 147, 1985]  
Homonym of *Helotium firmum* (Pers.) P. Karst. (1870).

**firmum**

*Helotium firmum* (Pers.) P. Karst., Not. Sälls. Fauna Fl. Fenn. Förh. 11: 233, 1870  
*Hymenoscyphus firmus* (Pers.) W. Phill., Brit. Discomyc. 123, 1887

≡ *Peziza firma* Pers., Syn. Meth. fung. 658, 1801; Fries, Syst. mycol. 2: 117, 1822

Type: On fallen twigs, United Kingdom; holotype: L Persoon herb. (White, Lloydia 4: 176, 1941); lectotype: L 0054579 (910261970)

≡ ***Poculum firmum* (Pers.) Dumont**, Mycologia 68, 870, 1976

**flammeum**

*Helotium flammeum* (Alb. & Schwein.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 242, 1870  
≡ *Peziza flammea* Alb. & Schwein., Consp. fung. Lusat. 319, 1805; Syst. mycol. 2: 96, 1822

Type: On dry wood of *Carpinus*, Germany; holotype not located

≡ ***Perrotia flammea* (Alb. & Schwein.) Boud.**, Bull. Soc. mycol. Fr. 17: 24, 1901

**flaveolus**

*Hymenoscyphus flaveolus* (Cooke) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza flaveola* Cooke, Grevillea 1 (no. 9): 131 (1873)

Type: On fronds of *Pteris aquilina*, United Kingdom; holotype: ? K(M)

≡ ***Hyaloscypha flaveola* (Cooke) Nannf.**, Trans. Brit. Mycol. Soc. 23(3): 252, 1939

**flavescens**

*Helotium virgultorum* var. *flavescens* Stev., Mycol. Scot. 329, 1879

Type: On dead *Salix*, United Kingdom; holotype not located

? = *Hymenoscyphus calyculus*

**flavescens**

*Helotium flavescens* Pers., Mycol. eur. 1: 346, 1822

Type: On ?, Denmark; holotype not located  
Based on *Peziza convexa* Holmsk., Beata ruris 2: 34, pl. 16, 1799.

**flavoaurantium**

*Helotium flavoaurantium* ['flavo-aurantia'] (Henn.) Rick, Brotéria, ser. Bot., 25: 115, 1931  
≡ *Lanzia flavo-aurantia* Henn., Hedwigia 41: 26, 1902

= ***Dicephalospora rufocornea* (Berk. & Broome) Spooner**, Helot. Australasia 272, 1987

Type: On wood, Brazilia; holotype missing in B (Hein, Englera 10: 53, 1988); isotype: S F10537 (A. Möller 259, 1891-11-26, Brasilien, St. Catharina, Blumenau, Ex Herb. Sydow; noted by Dumont, 1978: "*Hymenoscyphus rufocorneus* (Berk. & Broome) Dennis; Isotype of *Lanzia flavo-aurantia* Henn.")

**flavocitrinum**

*Helotium flavocitrinum* ['flavo-citrinum'] Bres., Stud. Trent., ser. 2, (1): 15, 1926

Type: On branches of *Abies pectinata* (= *A. alba*), Italy; holotype not located

**flavofuscescens**

*Helotium flavofuscescens* ['flavo-fuscescens'] Bres., Brotéria, ser. Bot., 2: 90, 1903

***Hymenoscyphus flavofuscescens* (Bres.)**

**Dennis**, Persoonia 3: 46, 1964

Type: On bark of *Eucalyptus globulus*, Portugal; holotype: S F10630 (has probably authentic handwritten description); isotype: K(M) (microslides)

**flavorufum**

*Helotium flavorufum* ['flavo-rufum'] Sacc., Atti Soc. venet.-trent. Sci. nat. 4(1): 137, 1875

Type: On trunk of *Robinia pseudacacia*, Italy; holotype: PAD; isotypes: NY 01169442, NY

01169443, NY 01169444 (all noted as 'ex PAD')  
≡ **Lanzia flavorufa** ['flavo-rufa'] (Sacc.) Sacc.,  
Bot. Centralbl. 18: 218, 1884

### flavovirens

*Helotium flavovirens* ['flavo-virens'] (Pers.) Fr.,  
Summa veg. Scand., sect. post. 355, 1849  
≡ *Peziza flavovirens* ['flavo-virens'] Pers., Mycol.  
eur. 1: 323, 1822; Fries, Syst. mycol. 2: 139, 1822  
Type: On wet wood, France (Voges);  
holotype not located in L  
≡ **Vibrissea flavovirens** (Pers.) Korf & J. R.  
Dixon, Mycotaxon 1: 134, 1974

### flavoviride

*Helotium flavoviride* ['flavoviridis'] P. Crouan &  
H. Crouan, Fl. Finistère 47, 1867  
Type: On rotten stump of *Pinus*, France; type: CO  
According to examination of original material  
in CO by J. P. Priou the species belongs not to  
*Orbilia* as stated by Quélet (Enchir. fung. 298,  
1886) but to *Placynthiella* in Agryales (Baral in  
litt., Oct. 2014).

### flavum

*Helotium flavum* Klotzsch, in W. Phillips, Man.  
Brit. Discomyc. 156, 1887  
Type: On decorticated wood, United Kingdom;  
holotype: K(M)  
= *Bisporella citrina* [fide Gamundi & al.,  
Darwiniana 42: 94, 2004] ≡ **Calycina citrina**

### fleischerianum

*Helotium javanicum* var. *fleischerianum* Penz. &  
Sacc., Malpighia 15(7-9): 204, 1902  
Type: On old wood, Indonesia (Java); holotype:  
? PAD  
? = *Helotium javanicum*

### flexipes

*Hymenoscyphus flexipes* Cooke & W. Phillips, in  
W. Phillips, Grevillea 19: 106, 1891  
*Helotium flexipes* (Cooke & W. Phillips) Boud.,  
Hist. classif. Discomyc. Europe 114, 1907  
Type: On decorticated wood, United Kingdom;  
holotype not located  
= **Lachnum pygmaeum** [fide Nannfeldt, Trans.  
Brit. Mycol. Soc. 23: 243, 1939]

### flexuosum

*Helotium flexuosum* Masee, Brit. fung.-fl. 4:  
263, 1895  
Type: On the stems of grasses - *Dactylis* etc.,  
United Kingdom; holotype: NY 75880, type:  
00433673  
= *Helotium citrinulum* [fide, White, Farlowia 1:  
600, 1944] ≡ **Rodwayella citrinula**

### floriformis

*Hymenoscyphus floriformis* (Peck) Kuntze,  
Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza floriformis* Peck, Rep. (Annual) New  
York State Mus. Nat. Hist. 33[1880]: 31, 1883  
Type: On decaying wood of *Acer*, USA;  
holotype not located in NYS  
≡ **Pezizella floriformis** (Peck) Sacc., Syll. fung.  
8: 287, 1889

### foliicola

**Hymenoscyphus foliicola** Abdullah, Descals &  
J. Webster, Trans. Brit. Mycol. Soc. 77: 480, 1981  
Type: On decaying submerged twigs of *Acer*  
*pseudoplatanus*, United Kingdom; holotype: K  
(M) 31105

### foliicola

*Helotium foliicola* ['foliiculum'] J. Schröt., Pilze  
Schles. 3(2): 82, 1893  
Type: On fallen leaves of various trees (*Alnus*,  
*Populus tremula*), Poland; syntype: S (Auf  
*Populus tremula*, Bischofswalde, Breslau, leg.  
Schroeter)  
In protologue also Grünberg, Treblitz.

### fossarum

*Helotium fossarum* Velen., Monogr. Discomyc.  
Boh. 1: 201 (2: pl. 20, fig. 3, 4), 1934  
**Hymenoscyphus fossarum** (Velen.) Svrček,  
Sborn. Nár. Mus. Praha 40B: 148, 1985  
Type: On stems of *Juncus obtusiflorus* [= *J.*  
*subnodulosus*], Czech Rep. (Czechoslovakia);  
holotype: PRM 147215

### franciscæ

*Helotium franciscæ* Velen., Monogr. Discom.,  
Boh. 1: 190, 1934  
Type: On muddy soil by pond, Czech Rep.

(Czechoslovakia); holotype: PRM 147526 [Svrček, 1985: plant debris]  
= ***Phaeohelotium imberbe*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 148, 1985]

### **fraternum**

*Helotium fraternum* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 32 [1878]: 47, 1879  
***Hymenoscyphus fraternus* (Peck) Dennis**, *Persoonia* 3: 76: 1964  
Type: On petioles of fallen leaves of *Acer*, USA; holotype: NYS f001243 (part), NYS f003496 (part); isotypes: NY 01169446, 01169447 (microslide), K(M), FH 00433674  
Dumont (Mycotaxon 12: 276, 1980) treated the species in *Poculum*. For details see also White (Mycologia 34: 173-175, 1942).

### **fraxineus**

***Hymenoscyphus fraxineus* (T. Kowalski) Baral, Queloz, Hosoya**, *IMA Fungus* 5(1): 80  
≡ *Chalara fraxinea* T. Kowalski, *For. Path.* 36: 264, 2006  
Type: On rachises of *Fraxinus excelsior*, Poland; holotype: Z, ZT, HMIPC 17039; living culture CBS122504  
New name for *Hymenoscyphus pseudoalbidus*.

### **friesii**

*Helotium friesii* (Weinm.) Sacc., *Syll. fung.* 8: 228, 1889  
***Hymenoscyphus friesii* (Weinm) Arendh.**, *Morf.-taxon. Untersuch. Ascom.* 69, 1979  
≡ *Peziza friesii* Weinm., *Hymeno-Gasteromyc.* Ross. 469, 1836  
Type: On decaying leaves of *Populus tremula* and *Betula alba*, Russia; holotype not located  
*Hymenoscyphus friesii* by K. S. Thind & M. P. Sharma (Nova Hedwigia, 32: 127, 1980) is a superfluous name.

### **fructigenus**

***Hymenoscyphus fructigenus* (Bull.) Gray**, *Nat. arr. Brit. pl.* 1: 673, 1821  
*Helotium fructigenum* (Bull.) Fuckel, *Jahrb. Nass. Ver. Naturk.* 23-24: 314, 1870  
*Helotium virgultorum* var. *fructigenum* (Bull.) Rehm, *Pilze Deutschl., Hyster. Discomyc.* 783,

1893  
≡ *Peziza fructigena* Bull., *Hist. champ. France* 236 [pl. 228], 1791; *Fries, Syst. mycol.* 2: 118, 1822  
Type: On acorns, ? France; holotype not located (Lizoň, *Mycotaxon* 45: 20, 1992)

### **fucatus**

*Hymenoscyphus scutula* var. *fucatus* W. Phillips, *Man. Brit. Discomyc.* 137, 1887  
*Helotium scutula* var. *fucatum* (W. Phillips) Rehm, *Pilze Deutschl., Hyster. Discomyc.* 793, 1893  
***Hymenoscyphus fucatus* (W. Phillips) Baral & Hengstm.**, *Persoonia* 16: 193, 1996  
Type: On dead stems of *Polygonum lyng* in water, United Kingdom; syntype: *Elvellacei* *Brit.* 3: 120, CUP-PD 11122, K(M) 31114, ? BPI 655397

### **fuckelii**

*Helotium fuckelii* Masee, *Brit. fung.-fl.* 4: 239, 1895  
New name for *Helotium sordidum*.  
= ***Hymenoscyphus vulgaris***

### **fuegianum**

*Helotium fuegianum* Speg., *Bol. Acad. Nac. Cienc. Córdoba* 11(2): 263, 1888  
Type: On decaying twigs of *Fagus*, Argentina (Tierra del Fuego); holotype: LPS  
≡ ***Bisporella fuegiana* (Speg.) Gamundí**, in Gamundí & Romero, *Fl. Criptog. Tierra Fuego* 10(5): 60, 1998 [fide]

### **fugitivus**

*Hymenoscyphus fugitivus* (Quél.) Boud., *Kuntze, Revis. gen. pl.* 3(2): 485, 1898  
*Helotium fugitivum* (Quél.) Boud., *Hist. classific. Discomyc. Europe* 114, 1907  
≡ *Phialea fugitiva* Quél., *Compt. Rend. Assoc. Franç. Avancem. Sci.* 9 [1880]: 673 [pl. 9, fig. 7], 1881  
Type: On bark of twigs of *Tilia*, France; holotype not located

### **fulvidulum**

*Helotium fulvidulum* (Boud.) Sacc. & Traverso, Syll. fung. 19: 838, 1910  
Type: On decaying leaves of grasses and *Carex*, France; holotype: ? PC  
≡ ***Phaeohelotium fulvidulum* (Boud.) Baral & Declercq**, in Baral & al., Mycosystema 32: 420, 2013

### **fulvum**

*Helotium fulvum* Boud., Bull. Soc. Mycol. France 13: 16, pl. 3, fig. 3, 1897  
Type: On a little moss, France; holotype: ? PC

### **fumigatum**

*Helotium cacaliae* var. *fumigarum* Sacc. & Speg., Michelia 1: 427, 1878  
*Helotium fumigatum* (Sacc. & Speg.) Sacc., Michelia 2: 78, 1880  
Type: On twigs of *Catalpa syringifoliae*, Italy; holotype: PAD; isotype: NY 01169455 (noted as 'ex PAD')  
= ***Crocicreas cyathoideum* var. *cacaliae*** [fide Carpenter, Mem. New York Bot. Gard. 33: 78, 1981]

### **fumosellinum**

*Helotium fumosellinum* (Starb.) Boud., Hist. classif. Discomyc. Europe 115, 1907  
≡ *Phialea fumosellina* Starb., Bih. Kongl. Svenska Vetesk.-Akad. Handl., Afd. 3, 21(5): 34 [fig. 25a, b], 1895  
Type: substrate and collecting site not mentioned in the protologue; holotype: S F921 (On needle of *Pinus sylvestris*, Sweden); paratype: S F918  
= *Allophylaria fumosella* (Cooke & Ellis) Nannf., Nova Acta R. Soc. Scient. upsal., Ser. 4 8(2): 291, 1932 = ***Pseudocenangium succineum* (Sprée) Dyko & B. Sutton**, Canad. J. Bot. 57: 372, 1979

### **fumosellus**

*Hymenoscyphus fumosellus* (Cooke & Ell.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
*Helotium fumosellum* (Cokke & Ell.) Seaver, N. Amer. Cup-fung. Inoperc. 126, 1951  
≡ *Peziza fumosella* Cooke & Ell., Grevillea 6: 91, 1878

Type: On needles of *Abies*, USA; holotype not located  
= ***Pseudocenangium succineum*** [fide Dyko & Sutton, Canad. J. Bot. 57: 372, 1979]

### **fumosum**

*Helotium fumosum* Ellis & Everh., Proc. Rochester Acad. Sci. 1: 53 1890  
Type: On dead stems of *Leonurus cardiaca*, USA; syntype: North American Fungi 2632, CUP D-00925, CUP D-08446, CUP F-01866, K(M), MICH 14177. BPI 654908, BPI 654909; lectotype: NY 830286 (designat. by Carpenter, Mem. New York Bot. Gard. 33: 69, 1981)  
= ***Crocicreas cyathoideum* (Bull.) S. E. Carp.**, Brittonia 32: 269, 1980 [fide Carpenter, Mem. New York Bot. Gard. 33: 67, 1981]

### **fungoidaster**

*Hymenoscyphus fungoidaster* (Hedw.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Octospora fungoidaster* Hedw., Descr. micr.-anal. musc. frond. 2(3): 53 [pl. 19A, figs. 1-4], 1788  
Type: On decaying stumps, Germany; holotype: ? Hedwig illustration  
= ***Hymenoscyphus fructigenus***

### **furfuraceum**

*Helotium furfuraceum* W. Phillips & Harkn., in W. Phillips, Bull. Calif. Acad. Sci. 1: 24, 1884  
Type: On leaves of *Quercus agrifolia*, USA; holotype: BPI 654910 or K(M) Phillips 3171; isotype: ? CUP Durand  
? = *Micropeziza castanea* (Helleman & al., Ascomycete.org 5: 135, 2013)

### **furfuripes**

*Hymenoscyphus furfuripes* (Berk. & M. A. Curtis ex W. Phillips) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Phialea furfuripes* Berk. & M. A. Curtis ex W. Phillips, Grevillea 19: 73, 1891  
Type: On rotten wood, Venezuela; holotype: K(M) (Carpenter, Mem. New York Bot. Gard. 33: 216, 1981, found no mature asci)

### **furinum**

*Helotium furinum* Velen., Novit. mycol. 184, [1939] 1940

### **Hymenoscyphus furinus (Velen.) Svrček,**

Sborn. Nár. Mus. Praha 40B: 149, 1985

Type: On leaves of *Crataegus*, Czech Rep. (Czechoslovakia); holotype: PRM 148112 (designat. by Svrček, 1985: 149 as a neotype) The species was not discussed, as indicated (Svrček 1985) in Čes. Mykol. 40, 1986!

### **fuscatum**

*Helotium fuscatum* Rehm, Hedwigia 21: 98, 1882

Type: On stems of *Aconitum variegatum*, Austria; holotype: S F10624; isotype: NY 1169456 (microslide, noted as 'ex S')

### **fuscobrunneum**

*Helotium fuscobrunneum* ['*fusco-brunneum*'] Pat. & Gaillard, Bull. Soc. Mycol. France 4: 101, 1888

Type: On bark of a tree, Venezuela; holotype: FH Patouillard 240; isotypes: NY 01169457, NY 01169458, NY 01169459, NY 01169459, NY 01169460, NY 01169461, NY 01169462

≡ ***Encoelia fuscobrunnea (Pat. & Gaillard) W. Y. Zhuang***, Mycotaxon 31(2): 275, 1988

### **fuscohyalinum**

'*Helotium fuscohyalinum* [*fusco-hyalina*'] Rehm nov. sp. 1884 (in litt. ad Krieger), Pilze Deutschl., Hyster. Discomyc. 677, 1892 – nom. nud.

≡ ***Pezizella fuscohyalina*** ['*fusco-hyalina*'] Rehm, Rabenh. Krypt.-Fl., Edn 2 (Leipzig) 1.3(lief. 38): 677, 1892

Type: On dry stems of *Solidago virgaurea*, Germany; holotype: S F9714 = ***Allophylaria drosodes*** (Rehm) Nannf., Nova Acta R. Soc. Scient. upsal., Ser. 4 8(no. 2): 291, 1932 [fide] ≡ ***Calycina drosodes***

### **fuscopurpureum**

*Hymenoscyphus fuscopurpureus* (Rehm)

Dennis, Persoonia 3: 74, 1964

*Helotium fuscopurpureum* Rehm, Hedwigia 39: 94, 1900

Type: On old wood, Brazil; holotype: S F6441, isotype: S F10537

= ***Dicephalospora rufocornea*** [fide Spooner, Helot. Australasia 272, 1987]

### **fuscousanguineus**

*Hymenoscyphus fuscousanguineus* (Rehm)

Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ ***Dasyscyphus fuscousanguineus*** Rehm, Ber.

Naturhist. Vereins Augsburg 26: 30, 1881

Type: On dry twigs of *Pinus cembra* and *P.*

*pumilio*, Austria, and *Pinus sylvestris*, Finland:

syntype: Ascomyceten 3: 112 (*Pinus cembra*,

Austria, Tyrolia), S F6122

≡ ***Lachnellula fuscousanguinea (Rehm)***

**Dennis**, Persoonia 2: 184, 1962

### **fuscum**

*Helotium fuscum* P. Crouan & H. Crouan, Fl.

Finistère 47, 1867

Type: On ?, France; holotype: CO (on ground)

≡ ***Cubonia fusca (P. Crouan & H. Crouan)***

**Boud.**, Hist. classific. Discomyc. Europe 75, 1907

Le Gal (Rev. Mycol. 18: 126, 1953) noted that

the species is close to *Helotium agyrioides* and probably a member of Lecanorales.

### **fusisporum**

*Helotium fusisporum* J. Schröt., Pilze Schles.

3(2): 78, 1893

Type: On bark of fallen twigs, Poland; holotype not located

≡ ***Pachydisca fusispora (J. Schröt.) Boud.***,

Hist. classific. Discomyc. Europe 93, 1907

### **galbula**

*Helotium galbula* (P. Karst.) P. Karst., Not. Sällsk.

Fauna Fl. Fenn. Förh. 11: 242, 1870

*Hymenoscyphus galbula* (P. Karst.) Kuntze,

Revis. gen. pl. 3(2): 485, 1898

≡ ***Peziza galbula*** P. Karst., Not. Sällsk. Fauna Fl.

Fenn. Förh. 10: 183, 1869

Type: On wood and bark of *Alnus incana*,

Finland; holotype: H

≡ ***Micropodia galbula (P. Karst.) Boud.***, Hist.

classif. Discomyc. Europe 128, 1907

### **galeatum**

*Helotium galeatum* (Holmsk.) Pers., Syn. meth. fung. 2: 678, 1801

≡ *Clavaria galeata* Holmsk., Beata ruris 1: 25, 1790

Type: On a twig, Denmark; holotype: ? plate in Beata ruris

= ***Ascocoryne sarcoides* (Jacq.) J. W. Groves & D. E. Wilson**, Taxon 16: 40, 1967 [? fide]

### **gallii**

*Helotium confertum* var. *gallii* Velen., Novit. mycol. 184, [1939] 1940

Type: On stems of *Galium silvestre*, Czech Rep. (Czechoslovakia); holotype: PRM ?

### **gedeanum**

*Helotium gedeanum* Dennis, Kew Bull. 9: 322, 1954

= ***Hymenoscyphus javanicus*** [fide Dennis, Persoonia 3: 77, 1964]

New name for *Cudoniella javanica* P. Henn., Monsunia 1[1900]: 173, 1899.

### **geiphilum**

*Helotium geiphilum* Velen., Monogr. Discomyc. Boh. 1: 193, 1934

Type: On rhizomes of *Geum rivale*, Slovakia (Czechoslovakia); holotype: PRM 147239 (designat. by Svrček, l. c., as lectotype) Svrček (Sborn. Nár. Mus. Praha 40B: 150, 1985) noted that the type is close to *Hymenoscyphus vitellinus*, a name which he used in the present sense of *H. menthae* (spores homopolar), but Baral (in litt., Nov. 2014) observed slightly scutuloid spores, reminiscent of *H. vitellinus* in the present sense (with heteropolar spores).

### **gemmarum**

*Helotium gemmarum* Boud., Bull. Soc. Mycol. France 4: 81, pl. 17/2, 1888

*Hymenoscyphus gemmarum* (Boud.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

Type: On buds of *Populus nigra*, France; holotype missing in PC (Carpenter, Mem. New York Bot. Gard. 33: 217, 1981)

≡ *Hyphodiscus gemmarum* (Boud.) Raitv. & R. Galán, Syst. Ascom. 13:160, 1994 [fide]

≡ ***Gemmina gemmarum* (Boud.) Raitv.**,

Scripta Mycol. 20: 44, 2004

Baral (2000) has not accepted placement in *Hyphodiscus* based on the gelatinized excipulum and short, warted hairs. He noted that the gross morphology fits well to *Calycina*.

### **gemmiferum**

*Helotium gemmiferum* (Wallr.) Rehm, Pilze Deutschl., Hyster. Discomyc. 776, 1893

≡ *Peziza gemmifera* Wallr., Fl. crypt. Germ. 2: 496, 1833

Type: On trunk of *Quercus*, Germany; holotype not located

≡ ***Calycella gemmifera* (Wallr.) Boud.**, Hist. classif. Discomyc. Europe 96, 1907

### **genistae**

*Helotium scutula* var. *genistae* Velen., Opera Bot. Čech. 4: 121, 1947

Type: On *Genista tinctoria*, Czech Rep. (Czechoslovakia); holotype: PRM 148087

= ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 170, 1985]

### **genistae**

*Helotium obtusum* var. *genistae* Velen., Monogr. Discomyc. Boh. 1: 192, 1934

Type: On twigs of *Genista germanica*, Czech Rep. (Czechoslovakia); holotype: PRM 147561

### **geogenum**

*Helotium geogenum* Cooke, Grevillea 6: 65, 1977

'*Hymenoscyphus geogenus* (Cooke) Milekhin & Prokhorov', Vestn. Moskov. Univ., Ser. biol. no. 4: 42-47, 2008 – nom. nud. (no basionym cited)

Type: On ground [apparently attached to fragments to rotten wood]; holotype missing in K(M) (Dennis, 1956)

≡ ***Phaeohelotium geogenum* (Cooke) Svrček & Mattheis**, Čes. Mykol. 33: 227, 1979

'*Hymenoscyphus geogenum* (Cooke) Boud.' listed in online databases does not exist.

### **georginae**

*Helotium georginae* Vacek, Stud. Bot. Cechoslov. 11: 74, 1950  
Type: On roots of *Juncus*, Czech Rep. (Czechoslovakia); holotype not located

### **geranii**

*Helotium geranii* Velen., Opera Bot. Čech. 4: 122, 1947  
Type: On stems of *Geranium palustre*, Czech Rep. (Czechoslovakia); holotype: PRM 148100 = ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 150, 1985]

### **ginkgonis**

***Hymenoscyphus ginkgonis* J. G. Han & H. D. Shin**, Mycotaxon 103: 192, 2008  
Type: On fallen leaves of *Ginkgo biloba*, South Korea; holotype: KUS F51352

### **glabrovirens**

*Helotium glabrovirens* Boud., Bull. Soc. Bot. France 28: 95 [pl. 2, fig. 6], 1881  
Type: On wood of *Fraxinus*, France; holotype: ? PC  
= *Coryne prasinula* P. Karst. [fide Hohnel, Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl., Abt. 1, 115: 690, 1906] ≡ ***Claussenomyces prasinulus* (P. Karst.) Korf & Abawi**, Canad. J. Bot. 49: 1882, 1971

### **glabrum**

*Helotium glabrum* Tode, fung. mecklenb. sel. 1: 22, 1790  
Type: On ?, Germany; holotype not located  
Saccardo (Syll. fung. 19: 843, 1910) noted that it might be member of *Agaricaceae*.

### **glagosa**

*Hymenoscyphus glagosa* (Ell. & Everh.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza glagosa* Ellis & Everh., J. Mycol. 4(6): 56 (1888)  
Type: On fallen leaves in the swamp, USA; holotype: ? NY; isotypes: CUP K-1657 (noted 'ex NYBG Ellis coll.),' ? FH  
≡ ***Calloria glagosa* (Ellis & Everh.) Seaver**, N. Amer. Cup-fung. Inoperc. 167, 1951

### **glanduliforme**

*Helotium glanduliforme* Rehm, Ber. Naturfist. Ver. Augsburg 26: 64, 1881  
*Hymenoscyphus glanduliformis* (Rehm) O. Kuntze, Revis. gen. pl. 3(2): 485, 1898  
Type: On dry twigs of *Ononis spinosa*, Germany; syntype: Ascomyceten 6: 255, FH 00433675, ? NY 01169466, ? NY 01169467; lectotype: S F11645 (designat. by Carpenter, Mem. New York Bot. Gard. 33: 80, 1981)  
= ***Crocicreas cyathoideum* var. *cacaliae*** [fide Carpenter, l. c.]

### **globus**

***Hymenoscyphus globus* W.Y. Zhuang & Yan H. Zhang**, in Zhang & Zhuang, Nova Hedwigia 78(3-4): 480, 2004  
Type: On wet wood of hardwood, China; holotype: HMAS 82107

### **glochidiatum**

*Helotium glochidiatum* Velen., Monogr. Discomyc. Bohem. 1: 185 (2: pl. 20, fig. 26), 1934  
Type: On decayed trunk of *Crataegus*, Czech Rep. (Czechoslovakia); holotype: PRM 148230 = ***Hymenoscyphus parilis*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 151, 1985]

### **gloeocapsae**

*Hymenoscyphus gloeocapsae* (Boud.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
*Epiglia gloeocapsae* ['*glaeocapsae*'] Boud., Bull. Soc. Mycol. France 1: 113 1885  
Type: On ground among mosses, France; holotype not located  
≡ ***Mniaecia gloeocapsae* (Boud.) Van Vooren**, Bull. Mens. Soc. Linn. Lyon 74(Num. spéc.): 19, 2005

### **gracile**

*Helotium gracile* Cooke & Peck, in Peck, Rep. (Annual) New York State Mus. Nat. Hist. 26: 83, 1874  
*Hymenoscyphus gracilis* (Cooke & Peck) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
Type: On herbaceous stems, USA; holotype: NYS f1371, NYS f3500; isotypes: CUP D-03752(85-154), NY 01179520, K(M) (Dennis,



1964), FH 00433676  
= *Helotium scutula* [fide White, Mycologia 34:  
159, 1942] ≡ ***Hymenoscyphus scutula***

### **gracilipes**

*Helotium gracilipes* (P. Karst.) P. Karst., Acta Soc.  
Fauna Fl. Fenn. 2(6): 126, 1885  
Type: On soil, Finland; holotype: ? H  
≡ ***Rutstroemia gracilipes* P. Karst.**, Medd. Soc.  
Fauna Fl. Fenn. 1: 56, 1876

### **gramineum**

*Helotium dolosellum* f. *gramineum* Rehm,  
Hedwigia 26: 86, 1887  
Type: On dry leaves of grasses, Germany;  
syntype: Rehm's Ascomyceten 863; lectotype:  
S F51468; isolectotype (,isotypus' in S): S 51469  
(designat. by Carpenter, 1981: 135); isotypes:  
NY 01169469, NY 01169471, NY 01169472  
(all marked as ,holotype'), NY 01169470  
(microslide)  
≡ ***Crocicreas megalosporum* var. *gramineum***  
**(Rehm) S. E. Carp.**, Brittonia 32: 270, 1980  
[fide, Carpenter, Mem. New York Bot. Gard. 33:  
133, 1981]

### **graminicola**

*Helotium graminicola* (Feltg.) Boud., Hist.  
classif. Discomyc. Europe 112, 1907  
Type: On decaying stems of *Festuca ovina*,  
Luxemburg; holotype: ? LUX  
≡ ***Ombrophila graminicola* Feltg.**, Vorstud.  
Pilz-Fl. Luxemburg 1 (Ascomyc.), Nachtr. 3: 76,  
1903

### **graminum**

*Helotium graminum* [',graminium'] W. Phillips,  
Brit. Discomyc. 155, 1887  
*Hymenoscyphus graminum* [',graminium'] (W.  
Phillips) Svrček, Sborn. Nár. Mus. Praha 40B:  
151, 1985  
Type: On grass, United Kingdom; holotype:  
K(M) 30 614  
= ***Rutstroemia calopus***

### **graminum**

*Helotium graminum* Velen., Čes. houby (4-5):  
850 [fig. 156/5], 1922

Type: In tufts of grasses (*Nardus*, *Koeleria*,  
*Festuca*), Czech Rep. (Czechoslovakia);  
lectotype PRM 148255 (designat. by Svrček, l.  
c.); syntype: PRM 683740  
= *Hymenoscyphus graminum* [fide Svrček,  
Sborn. Nár. Mus. Praha 40B: 151, 1985] =  
***Rutstroemia calopus***

### **grandis**

*Helotium clavus* var. *grandis* (Boud.) Dennis,  
Mycol. Pap. 62: 70, 1956  
≡ *Ombrophila clavus* var. *grandis* Boud., Icon.  
mycol. 3: pl. 434bis, 4: 249 (descr.), 1910  
Type: On ?, France; holotype: ? PC  
≡ ***Cudoniella clavus* var. *grandis* (Boud.)**  
**Dennis**, Persoonia 3: 73 (1964) [fide]

### **granulosellum**

*Helotium granulosellum* (P. Karst.) P. Karst.,  
Bidrag Kännedom Finlands Natur Folk 19: 142,  
1871  
*Hymenoscyphus granulosellus* (P. Karst.)  
J. Schröt., in Engler & Prantl, Nat.  
Pflanzenfam. 1(1): 204, 1897  
≡ *Peziza granulosella* P. Karst., Fungi Fenniae  
Exsicc. 7: 649, 1867 [Not. Fauna Fl. Fenn. 10:  
180, 1869]  
Type: On old wood of *Betula*, Finland; syntype:  
Fungi Fenniae Exsicc. 7: 649; S F73645 (not  
tagged as Fungi Fenniae but otherwise  
corresponds with the protologue)  
= ***Clavidisculum karstenii* Raitv.**, Synops.  
Hyaloscyph. 78, 1970 [fide]

### **granulosum**

*Helotium granulosum* Velen., Monogr.  
Discomyc. Boh. 1: 193, 1934  
Type: On herbaceous stems, Czech Rep.  
(Czechoslovakia); lectotype: PRM 147255  
(designat. by Svrček, 1985: 151); syntypes: PRM  
147504, PRM 147975, PRM 148930  
= ***Hymenoscyphus scutula*** [fide Svrček, Sborn.  
Nár. Mus. Praha 40B: 151, 1985]

### **gratum**

*Helotium gratum* (Berk.) Cooke, Grevillea  
11: 103, 1883  
***Hymenoscyphus gratus* (Berk.) Dennis**,

Persoonia 3: 75, 1964

≡ *Peziza grata* Berk., in Hook., Bot. Antarct. Voy. III, Fl. Tasmaniae 2: 275, 1860

Type: On dead wood, Australia (Tasmania); holotype: K(M)

### gregarium

*Helotium gregarium* Boud., in P. A. Hariot, Miss. sci. Cap Horn, 5 (Bot.): 192, 1889

***Hymenoscyphus gregarius* (Boud.) Gamundi & Gaiotti**, Bol. Soc. argent. Bot. 18: 18, 1977

Type: On leaves of *Fagus betuloides*, Argentina (Patagonia); types: BPI 737534, BPI 737535

### grenseri

*Helotium grenseri* Auersw., Bot. Ztg. 26: 543, 14 Aug. 1868

Type: On catkins of *Alnus*, (Reichenberg = Liberec), Czech Rep. (Böhmen); syntype: Fungi Europ. Extraeurop., ed. 2, 12: 1122, Aug 1868 (has full description!)

= *Phialea alniella* (Nyl.) Sacc., Syll. fung. 8: 257, 1889 [fide] ≡ ***Calycellina alniella***

### griselinae

*Helotium griseliniae* Dennis, Kew Bull. 15: 304, 1961

Type: On leaves of *Griselinia littoralis*, New Zealand; holotype: K(M); isotypes: PDD 19046, NY 01169476, NY 01169478, NY 01169474

≡ ***Lanzia grisellinae* (Dennis) Dumont**, Mycologia 67: 576, 1975

### grisellum

*Helotium grisellum* Rehm, Hedwigia 24: 13, 1885

*Hymenoscyphus grisellus* (Rehm) Lindau, in Engler & Prantl, Nat. Pflanzenfam. 1(1): 205, 1897

Type: On fronds of *Pteris aquilinum*, Germany; syntype: Ascomyceten 16: 766, S F74648, FH 00433677; S F8763 (same data as Ascom. 766 but bot the part of collection)

≡ ***Microscypha grisella* (Rehm) Syd. & P. Syd.**, Ann. Mycol. 17: 38, 1919

Issued also in Rabenh. Fungi Eur. & Extraeur. Exsicc. Klotzsch. Herb. Vivi Mycol. 36: 3572: S F8766 (marked by Carpenter, 25-VI-1979,

as lectotype), S F74647 and in Fungi Saxon. Exsicc. 2: 92: S F74649.

### griseolum

*Helotium griseolum* Höhn., Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1, 118: 388, 1909

Type: On pores of an old *Polyporus conrescens*, Indonesia (Java); holotype: ? FH

### griseoolivaceus

***Hymenoscyphus griseoolivaceus* ['griseoolivaceus'] Gamundi & Gaiotti**, Bol. Soc. Argent. Bot. 18 (1-2): 24, 1977

Type: On leaves of *Nothofagus pumillio* and *N. antartica*, Argentina (Terra del Fuego); holotype: LPS 38278; paratype: LPS 38534

### grossulariae

*Hymenoscyphus scutula* var. *grossulariae* Kauffman, Pap. Mich. Acad. Sci. 1: 107, 1921

Type: On dead twigs of *Grossularia*, USA; holotype: MICH 14397

? = *Hymenoscyphus scutula*

### guaranitica

*Helotium guaranitica* Speg., An. Soc. Cient. Argent. 19: 263, 1885

Type: On fallen decaying leaves of *Laurineae*, Paraguay; holotype: ? (Spegazzini 3863) Specimen S F9427 (Balansa, Plantes du Paraguay 1878-84 no. 4310) noted " = *Phillipsia domingensis* Berk., one 15 mm diam. apothecium – probably an operculate discomycete".

### guernisacii

*Helotium guernisacii* ['*guernisacii*'] P. Crouan & H. Crouan, Fl. Finistère 48, 1867

Type: On ground, France; holotype: CO; isotypes: NY 01169479, NY 01169481 and NY 01169480 (microslides) (all noted as 'ex Crouan herb.')

= ***Vibrissia filisporia* (Bonord.) Korf & A. Sánchez**, in Sánchez, J. Agric. Univ. Puerto Rico 51: 85, 1967 [fide]

### **guttilutescens**

***Hymenoscyphus guttilutescens Gamundi & Gaiotti***, Bol. Soc. Argent. Bot. 18 (1-2): 19, 1977

Type: On leaves of *Nothofagus betuloides* and *N. dombeyi*, Argentina (Tierra del Fuego); holotype: BAFC 20271, isotypes: LPS 38279, LPS 38535

### **gyalectoides**

*Helotium gyalectoides* (Saut.) Sacc., Syll. fung. 8: 240, 1889

≡ *Peziza gyalectoides* Saut., Flora 24: 151, 1841  
Type: On (?*Salix*), Austria; holotype: W  
= *Helotium epiphyllum* [fide Keissler, Ann. Nat-hist. Mus. 31: 94, 1917] ≡ ***Hymenoscyphus epiphyllum***

### **haematoideus**

*Hymenoscyphus haematoideus* (Cooke & W. Phillips) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza haematoidea* Cooke & W. Phillips, Grevillea 8: 62 (1879)

Type: On decorticated wood, New Zealand; holotype: K(M) 36003

≡ ***Pseudohelotium haematoideum (Cooke & W. Phillips) Dennis***, Kew Bull. 15(2): 315, 1961

The species appears to belong to *Calycina* (Baral in litt., Oct. 2014).

### **hamulatum**

*Helotium hamulatum* [Rehm (in litt. 9./11. 1880 sine descr.)] Winter, Hedwigia 20: 56, 1881

Type: On last year stems of *Senecio jaquinanum*, Switzerland (St. Moritz); syntypes: S F10427, F64687

≡ ***Hyalacrotis hamulata (Winter) Raitv.***, Nizš. rast. griby mochoobraz. Sovet. Dal'n. Vost. 2: 337, 1991

*Unguiculella rehmi* E. Müll. (Sydowia 21[1967]: 148, 1968) is new name for this taxon since it is homonym of *Unguiculella hamulata* (Feltg.) Höhn. (1906). Treated in *Urceolella* by Korf & Kohn (Mycotaxon 10: 510, 1980).

### **hariotii**

*Helotium hariotii* (Boud.) Sacc., Syll. fung. 10: 7, 1892

≡ *Calycella hariotii* ['harioti'] Boud., in P. A. Hariot, Miss. sci. Cap Horn, Bot. 191, 1889  
Type: On leaves and branches of decomposing wood, Chile (Hermite Islands); holotype not located

### **hedwigii**

*Helotium hedwigii* (W. Phillips) Masee, Brit. fung.-fl. 4: 243, 1895

*Hymenoscyphus hedwigii* W. Phillips, Man. Brit. Discomyc. 130, 1887

Type: On *Corylus avellana*, United Kingdom; holotype: K (M) 3115

= ***Lachnum pygmaeum*** [fide Nannfeldt, Trans. Brit. Mycol. Soc. 23: 245, 1939]

### **helodinum**

*Helotium helodinum* Durieu & Lév. ex Sacc., Syll. fung. 8: 228, 1889

['*Peziza helodina* Durieu & Lév.], in Durieu, Exploration scientifique de l'Algérie, Botanique 3: 10, pl. 28, fig. 3, 1850 – nom. nud.]

Type: On dead leaves of *Rhamnus alaternus*, Algeria; holotype not located

≡ ***Ciboria helodina (Durieu & Lév.)***

**Boud.**, Hist. classif. Discomyc. Europe 106, 1907

### **helvolum**

*Helotium helvolum* (Jungh.) Pat., Ann. Jard. Bot. Buitenzorg, suppl. 1: 120, 1897

≡ *Peziza helvola* Jungh., Verh. Batav.

Genootsch. Kunsten 17: 30, pl. 5, fig. 17, 1939

Type: On stems of *Bambusa arundinacea*, Indonesia (Java); holotype not located

Höhnel (Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1, 118: 884, 1909)

pointed out (when referring on *Helotium schenkii*) that *Helotium helvolum* (Jungh.)

Pat. 1897 and *Helotium helvolum* (Jungh.) Pat.

in Raciborski, (Bull. Acad. Cracovie 393, 1909)

represent two different taxa and the last one is the "true" *Cenangium helvolum* (Jungh.) Sacc.,

Syll. fung. 8: 570, 1889. For detailed analysis of the species see also Höhnel (Sitzungsber.

Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt. 1, 118: 377, 1909).

### herbarum

*Helotium herbarum* (Pers.) Fr., Summa veg. Scand., sect. post. 356, 1849  
*Hymenoscyphus herbarum* (Pers.) Dennis, Persoonia 3: 77, 1964  
≡ *Peziza herbarum* Pers., Ann. Bot (Usteri) 11: 30, 1894; Fries, Syst. mycol. 2: 136, 1822  
Type: On herbaceous stems, unlocated; neotype: on stems of *Urtica*, L 0116826 (910.261-431) (designat. by Arendholz, Mycotaxon 36: 294, 1989)  
≡ ***Calycina herbarum* (Pers.) Gray**, Nat. arr. Brit. pl. 1: 670, 1821  
Baral & Krieglsteiner (Beih. Z. Mykol. 6: 57, 1985) accepted the species in *Calycina*, and a sequence analysis (Baral & al., Mycoscience 32: 422, 2013) confirms this placement.

### herbicolum

*Helotium herbicolum* (Rabenh.) Sacc., Syll. fung. 8: 218, 1889  
*Helotium herbarum* subsp. *herbicolum* (Rabenh.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. 11: 235, 1870  
≡ *Peziza rubi* var. *herbicola* Rabenh., Fungi Eur. Exsicc. Klotzsch. Herb. Vivi Mycol. 2: 218, 1860  
Type: On dead herbaceous stems, Czech Rep. (Böhmen); syntype: Fungi Eur. Exsicc. Klotzsch. Herb. Vivi Mycol. 2: 218, K(M) 2 spec.  
= ***Hymenoscyphus herbarum*** [fide Dennis, Mycol. Pap. 62: 106, 1956]

### himalayensis

*Helotium himalayensis* Thind & Singh, J. Indian Bot. Soc. 48[1969]: 394, fig. 2, 1970  
***Hymenoscyphus himalayensis* (Thind & Singh) Thind & P. M. Sharma**, Nova Hedwigia 32: 130, 1980  
Type: On leaves of *Quercus lamellosa*, India; holotype: PAN, isotype: K(M)

### hinnuleum

*Helotium hinnuleum* Cash & Corner, Trans. Brit. Mycol. Soc. 41: 273-282, 1958  
Type: On leaf veins, Malaysia; holotype: BPI 654914

### hirtipes

*Helotium hirtipes* Sacc., in Mouton, Bull. Soc. Roy. Bot. Belgique 28/2 (Compt. Rend.): 83, 1889 (7 Febr.)  
*Hymenoscyphus hirtipes* (Sacc.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
Type: On rotten twigs of *Alnus glutinosa*, Belgium; holotype: BR  
= *Helotium clavus* [fide Dennis, Mycol. pap. 62: 70, 1956] ≡ ***Cudoniella clavus***

### hoffmannii

*Helotium hoffmannii* W. Phillips' – fungarium name  
Type: [On twig], New Zealand; K(M) 2 spec. with Phillips' no. 6297

### hongkongense

*Helotium hongkongense* (Berk. & M. A. Curtis) Sacc., Syll. fung. 8: 223, 1889  
≡ *Peziza hongkongensis* Berk. & M. A. Curtis, Proc. Amer. Acad. Sci. Arts. 4: 128, 1860  
Type: On dead twigs, China (Hong Kong); holotype not located

### honshuanus

***Hymenoscyphus honshuanus* Baral**, in Baral & Bemmman, Mycology 5: 250, 2014  
New name for *Lambertellinia scutuloides* Korf & Lizoň, Mycotaxon 50: 168, 1994

### huebnerianum

*Helotium huebnerianum* (Rabenh.) Sacc., Syll. fung. 8: 212, 1889  
≡ *Peziza huebneriana* Rabenh., Deutsch. Krypt.-Fl. 1: 343, 1844  
Type: On leaves of *Festuca fluitans*, Germany; holotype not located

### humile

*Helotium humile* Sacc., Michelia 2: 78, 1880  
Type: On twigs of *Genista scoparia*, France; holotype: herb. Saccardo (Dennis, l. c.)  
Dennis (Persoonia 3: 47, 1964) noted that this might be *Hymenoscyphus herbarum*.

### humuli

*Helotium humuli* (Lasch) De Not., Comm. Soc. Crittog. Ital. 1: 379, 1864

***Hymenoscyphus humuli* (Lasch) Dennis,**

Persoonia 3: 77, 1964

≡ *Peziza humuli* Lasch, in Rabenhorst, Bot. Ztg. 3: 66, 1845

Type: On stems of *Humulus lupulus*, Germany; syntype: Klotzsch. Herb. Vivum Mycol. Sistems Fungorum German., Ed. Nov., 6: 630

### hungaricus

*Hymenoscyphus hungaricus* (Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Pezizella hungarica* Rehm, in Winter, Flora ser. n. 30: 526, 1872

Type: On decaying stems of *Umbeliferae*, Hungary; syntype: Ascomyceten 2: 64, S F9719

≡ ***Cistella hungarica* (Rehm) Raitv.,** in Jarva, Sistem. Rasprostr. Gribov 151, 1979

### hyalinum

*Helotium hyalinum* (Pers.) P. Karst., Not. Sälls. Fauna Fl. Fenn. Forh. 11: 240, 1870

*Hymenoscyphus hyalinus* (Pers.) J. Schröt., Pilze Schles. 3(2): 69, 1898

≡ *Peziza hyalina* Pers., Tent. Disp. Meth. fung. 33, 1797; Fries, Syst. mycol. 2: 102, 1822

Type: On rotten trunk, ? Germany; ? type: L 0116837 (910261343)

The species was known as *Hyaloscypha hyalina* (Pers.) Boud. (Hist. classific. Discomyc. Europe 127, 1907). Huhtinen (Karstenia 29: 236, 1990) proposed to discard the name because of missing type and discrepancies in its interpretation.

*Peziza hyalina* was erroneously proposed as *Peziza corticalis* Pers. (l. c.) and the name was corrected on. p. 76: as "P. 33 lin. 30 loc. corticalis leg. hyalina."

### hyaloexcipulus

***Hymenoscyphus hyaloexcipulus* H.D. Zheng & W.Y. Zhuang,** Sci. China Life Sci. 56: 93, 2013

Type: On rotten leaf veins of trees, China; holotype: HMAS 188542

### hyalopes

*Helotium hyalopes* Fuckel, Jahrb. Nass. Ver. Naturk. 27-28: 63, 1873

Type: On vines of *Vitis vinifera*, Germany; ? syntype: Fungi Rhenani Exsicc. 27 (12): 2685 [not cited in the protologue but the same coll. site], MICH 14179

Two syntype specimens in M have a mixture of apothecia belonging to *Hymenoscyphus scutula* (or *H. vitellinus*?) and a sparse other species of *Hymenoscyphus* that better fits the protologue (Baral in litt., Oct. 2014).

### hydrogenum

*Helotium hydrogenum* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 29: 56. 1878

Type: Decaying wood lying in water, USA; holotype: NYS f001500; isotype: ? CUP Durand White (Mycologia 34: 178, 1942) pointed out that it might be a *Mollisia*.

### hylocomii

*Helotium hylocomii* Velen., Monogr. Discomyc. Boh. 1: 208 [2: pl. 19, fig. 36], 1934

Type: On *Hylocomium splendens*, *Mnium undulatum*, *Hypnum*, *Equisetum*, Czech Rep. (Czechoslovakia); lectotype: PRM 149350 (designat. by Svrček, l. c.); syntype: PRM 148110

= ***Muscicola dubia* (Velen.) Svrček,** Sborn. Nár. Mus. Praha 40B: 152, 1985 [fide]

### hymeniophilum

*Helotium hymeniophilum* (P. Karst.) P. Karst., Not. Sällsk. Fauna et Fl. Fenn. Förh. 11: 241, 1870

≡ *Peziza hymeniophila* ['*hymenophila*'] P. Karst., Syn. Peziz. Ascobol. fenn. 21, 1861

Type: On hymenophore of a polypore, Finland and Russia (Kola peninsula); holotype: ? H

≡ ***Hyphodiscus hymeniophilus* (P. Karst.) Baral,** Z. Mykol. 59: 7, 1993

### hymenulus

*Hymenoscyphus hymenulus* (Fuckel) Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Helotium hymenula* (Fuckel) Boud., Hist. classific. Discomyc. Europe 113, 1907

≡ *Peziza hymenula* Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 308, 1870  
Type: On decaying stems of *Sambucus ebulus* and *Georgina* (= *Dahlia*), Germany; holotype not located  
= *Helotium herbarum* [fide Dennis, Mycol. Pap. 62: 105, 1956] ≡ ***Hymenoscyphus herbarum***

### hyperici

,*Helotium scutula* var. *hyperici* P. Karst.' – fungarium name  
Type: On *Hypericum*, Finland; ? holotype: S F223292 (gen. coll. *Hymenoscyphus*)  
Also issued in Mycoth. March. 8: 674 (S has 2 spec.).

### hyphicola

*Helotium hyphicola* Henn., Hedwigia 44: 69, 1905  
Type: On twigs covered by mycelium-felt, Brazilia; holotype missing in B (Hein, Englera 10: 42, 1988); syntypes: HGB, S F10616 (2829); isosyntypes: NY 01169483, NY 01169484, NY 01169482 (all noted as 'ex HBG, Herb. Ule 2829'), NY 01169485, NY 01169487 (both noted as 'ex HBG, Herb. Ule 2865'), NY 01169486 (noted as 'ex HBG, Herb. Ule 2865, KPD 2108)

### hypnorum

*Hymenoscyphus hypnorum* (Fr.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza hypnorum* Fr., Syst. mycol. 2: 149, 1822  
Type: On *Hyphnum cupressiforme*, ? Sweden; holotype: ? UPS  
≡ ***Pithyella hypnorum* (Fr.) Boud.**, Hist. classific. Discomyc. Europe 125, 1907

### hypocrita

*Helotium hypocrita* Hazsl., Ért. Természettud. Kör. 11(19): 3-4, 1881  
Type: On wood immersed in water, Slovakia (Hungarian Empire); holotype not located in BP  
= *Helotium tuba* [fide Hazslinszky, Verh. Zool.-Bot. Gews. Wien 37: 165, 1887] ≡ ***Hymenoscyphus tuba***

### hysterioides

*Helotium hysterioides* Rehm, Hedwigia 21: 99, 1882  
Type: On stems of *Aconitum variegatum*, Austria; holotype: S F92154  
≡ ***Crocicreas hysterioides* (Rehm) S. E. Carp.**, Brittonia 32: 270, 1980  
Müller (Beitr. Kryptfl. Schweiz 15: 35, 1977) treated the species in *Cyathicula*.

### ilicis

*Helotium ilicis* W. Phillips, Brit. Discomyc. 164, 1887  
Type: On leaves of *Ilex*, United Kingdom; syntype: Ellvellacei Brit. 3:134 (as '*Helotium epiphyllum* var. *ilicina* W. Phillips' – nom. nud.!), K(M) 31106 (tagged as holotype)  
= ***Calycellina populina*** [? fide]

### imberbe

*Helotium imberbe* (Bull.) Fr., Summa veg. Scand., sect. post. 356, 1849  
***Hymenoscyphus imberbis* (Bull.) Dennis**, Persoonia 3: 75, 1964  
≡ *Peziza imberbis* Bul., Hist. champ. France 339 [pl. 445, fig. 1], 1791; Fries, Syst. mycol. 2: 136, 1822  
Type: On twigs, ? France; holotype not located (Lizoň, Mycotaxon 45: 26-27, 1992)  
≡ ***Phaeohelotium imberbe* (Bull.) Svrček**, Sborn. Nár. Mus. Praha 40B: 152, 1985

### immarginatus

*Helotium immarginatum* P. Karst., Bidr. Känn. Finl. Nat. Folk. 19: 127, 1871  
*Hymenoscyphus immarginatus* (P. Karst.) M. P. Sharma, in Khullar & M. P. Sharma, Himalayan Bot. Res. 152, 1991  
Type: On wood of *Betula*, Finland; lectotype: H Karsten 2178 (Baral in litt., Nov. 2014)  
= *Phaeohelotium trabinellum* [fide Dennis, Kew Bull. 25: 354, 1971] ≡ ***Calycina trabinella***

### immutabile

*Helotium immutabile* Fuckel, Jahrb. Nass. Ver. Naturk. 25-26: 338, 1871  
***Hymenoscyphus immutabilis* (Fuckel) Dennis**, Persoonia 3: 76, 1964

Type: On decaying leaves of *Polulus tremula*;  
syntype: Fungi rhenani 2388, FH 00433678;  
lectotype: NY 01169488 (designat. by Lizoň,  
Mycotaxon 45: 29, 1992)

### **improvisum**

*Helotium improvisum* (P. Karst.) P. Karst., Bidr.  
Käned. Finl. Nat. Folk 1: 141, 1871  
*Hymenoscyphus improvisus* (P. Karst.) Kuntze,  
Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza improvisa* P. Karst., Syn. Peziz. Ascob.  
Fenn. 17, 1861  
Type: On trunk of *Abies*, Finland; lectotype:  
H Karsten 586 (designat. by Carpenter, Mem.  
New York Bot. Gard. 33: 223, 1981)  
Dennis (Mycol. Pap. 62: 189, 1956) who  
studied Karsten's Fungi Fenniae Exsicc. no.  
728 in K(M) noted that this would be *Cistella*  
in sense of Nannfeldt. Raitviir (Synops.  
Hyaloscyph. 78, 1970) treated the species in  
*Clavidisculum*.

### **incarnatum**

*Helotium incarnatum* Pers., Mycol. Europ. 1: 348,  
1822; Fries, Syst. mycol. 3(index): 94, 1832  
Type: ?; holotype: ? illustration in Micheli, Nova  
gen. pl. 201, pl. 82, fig. 4, 1729

### **incarnatus**

*Hymenoscyphus incarnatus* (Cooke) Kuntze,  
Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza incarnata* Cooke, Grevillea 1(9): 131,  
1873  
Type: On leaves of *Pinus*, United Kingdom;  
holotype: according to Nannfeldt (l. c.) and  
Dennis (Persoonia 3: 47, 1964) it should be in  
K(M) but not located  
= *Pseudohelotium pineti* [fide Nannfeldt,  
Trans. Brit. Mycol. Soc. 20: 195, 1936]

### **incertum**

*Helotium incertum* P. Karst., Meddeland. Soc.  
Fauna Fl. Fenn. 9[1882]: 66, 1883  
Type: On dry leaves of *Carex pallescens*,  
Finland; ? syntypes: S F91643, S F91644  
(both specimens have same data as in the  
protologue - ex herb. Rehm with his notes)

### **inconspicuus**

*Hymenoscyphus inconspicuus* (Thind &  
Saini) Thind & P. M. Sharma, Nova Hedwigia  
32: 130, 1980  
*Helotium inconspicuum* Thind & Saini, Proc. Ind.  
Acad. Sci. 67: 144 [fig. 3], 1968  
Type: On angiosperm wood, India; holotype:  
PAN; ? isotype: K(M)

### **indepremsum**

*Helotium indepremsum* Bizz., Atti Ist. Veneto Sci.  
Lett. Arti, ser. 3, 3: 305 [pl. 3, fig. 6], 1885  
Type: On dry branches and leaves of *Thuja*  
*orientalis*, Italy; holotype not located; ? isotype:  
K(M)  
≡ *Ciboria indeprensa* (Bizz.) Boud., Hist.  
classif. Discomyc. Europe 106, 1907

### **indicus**

*Hymenoscyphus indicus* M. P. Sharma, in  
Khullar & M. P. Sharma, Himalayan Bot. Res.  
188-189, 1991  
Type: On dead lamina and petioles of *Aesculus*  
*indica*, India; holotype: PAN

### **infarciens**

*Helotium infarciens* (Ces.) De Not., Comm. Soc.  
crittog. Ital. 1(5): 378, 1863  
*Hymenoscyphus infarciens* (Ces.) Dennis,  
Persoonia 3: 74, 1964  
≡ *Peziza infarciens* Ces., Erbario crittogamico  
Italico, ser. 1, 18: 871, Oct. 1862  
Type: On twigs of *Cytisus alpinus*, Italy;  
syntype: Erbario crittogamico Italico, ser. 1, 18:  
871, S (gen coll. *Helotium*)  
Issued also in Fungi Eur. Exsicc. Klotzsch. Herb.  
Vivi Mycol. 6: 515 – K(M) has 3 specimens.

### **infixus**

*Hymenoscyphus infixus* (Wallr.) Kuntze, Revis.  
gen. pl. 3(2): 485, 1898  
≡ *Peziza infixata* Wallr., Fl. crypt. Germ. 2: 470,  
1833  
Type: On decaying wood of *Salix*, Germany;  
holotype not located  
≡ *Pezizella infixata* (Wallr.) Sacc., Syll. fung. 8:  
287, 1889

### **inflexa**

*Hymenoscyphus coronatus* var. *inflexus* (Bolton)  
W. Phillips, Man. Brit. Discomyc. 127, 1887  
≡ *Peziza inflexa* Bolton, Hist. fung. Halifax 3:  
106 [pl. 105, fig. 2], 1790  
Type: On decayed plant debris, United  
Kingdom; holotype not located  
= ***Crocicreas coronatum*** [fide, Carpenter,  
Mem. New York Bot. Gard. 33: 49, 1981]

### **infundibuliformis**

'*Helotium infundibuliforme* Alb. & Schwein.,  
Consp. fung. Lusat. 350, 1805'  
Fries (Hymenomyc. eur. 665, 1874) while  
introducing *Cyphella infundibuliformis* referred  
to "*Helotium* on Alb, et Schw. p. 350" but on  
that page of *Conspectus fungorum* the only  
species growing on cones of *Pinus sylvestris*  
(as cited by Fries) is *Helotium gibbum* Alb. &  
Schwein.

### **infundibuliformis**

*Hymenoscyphus infundibuliformis* Gray, Nat. arr.  
Brit. pl. 1: 673, 1821  
Type: On rotten trunks of trees, United  
Kingdom; holotype not located

### **infundibuliformis**

*Helotium infundibuliformis* (Schaeff.) Gray, Nat.  
arr. Brit. pl. 1: 661, 1821  
≡ *Helvella* ['*Elvela*'] *infundibuliformis* Schaeff.,  
Fung. bavar. palat. nasc. 4: 110, 1774; Fries,  
Syst. mycol. 2: 26, 1822  
Type: On [?] ground] in forests, Germany;  
holotype not located  
≡ ***Leotia infundibuliformis* (Schaeff.) Fr.**,  
Observ. mycol. 2: 299, 1818

### **infundibulum**

*Hymenoscyphus infundibulum* (Batsch) Kuntze,  
Revis. gen. pl. 3(2): 484, 1898  
≡ *Peziza infundibulum* Batsch, Elench. fung.,  
cont. prim.: 211, 1786; Fries, Syst. mycol. 2: 130,  
1822  
Type: On twig, Germany; holotype not located  
Often treated as conspecific with  
*Hymenoscyphus calyculus* (sensu Dennis) but  
need more research on the identity of this

and *Hymenoscyphus infundibuliformis* Gray  
and *Helotium infundibuliformis* (Schaeff.) Gray  
names.

### **infundibulum**

*Helotium infundibulum* Velen., Monogr.  
Discomyc. Boh. 1: 185 [2: pl. 20, fig. 27], 1934  
Type: On twig of *Alnus*, Czech Rep.  
(Czechoslovakia); holotype: PRM 149330  
(designat. by Svrček, l. c.)  
= *Hymenoscyphus vernus* [fide Svrček,  
Sborn. Nár. Mus. Praha 40B: 153, 1985] ≡  
***Phaeohelotium vernum***

### **inocarpi**

*Helotium inocarpi* Henn., Bot. Jahrb. Syst. 18,  
Beibl. 44: 40, 1894  
Type: On lower side of the leaves of *Inocarpus*  
*edulus*, Indonesia (New Guinea); holotype  
missing in B (Hein, Englera 10: 42, 1988)

### **inquilinum**

*Helotium inquilinum* P. Kast., Not. Sällsk. Fauna  
et Fl. Fenn. Förh. 11: 241, 1870  
*Hymenoscyphus inquilinus* (P. Karst.) Migula,  
Krypt.-Fl. Deutschl., Pilze 3(2): 1160, 1913  
Type: On stems of *Equisetum sylvaticum*,  
Finland; holotype: ? H  
≡ ***Psilachnum inquilinum* (P. Karst.) Dennis**,  
Persoonia 2(2): 182, 1962

### **insititium**

*Helotium insititium* P. Karst., Not. Sällsk. Fauna  
Fl. Fenn. Förh. 11: 214, 1870  
Type: On dry twigs of *Acer campestre*,  
Finland; hlotype: ? H  
≡ ***Calycella insititia* (P. Karst.) Boud.**, Hist.  
classif. Discomyc. Europe 95, 1907

### **iricolens**

***Hymenoscyphus iricolens* Declercq**,  
Sterbeeckia 31: 34, 2012  
Type: On leavers of *Iris pseudacorus*, Belgium;  
holotype: GENT (B. Declercq 01043)

### **iridis**

*Helotium iridis* P. Crouan & H. Crouan, Fl.  
Finistère 48, 1867



Type: On dead immersed stems of *Iris pseudacorus*, France; holotype: ? CO  
≡ ***Belonopsis iridis* (P. Crouan & H. Crouan) Graddon**, Trans. Brit. Mycol. Soc. 44: 613, 1961  
Dennis (British Ascom. 200, 1978) deferred transfer to either *Niptera* or *Mollisia* until generic limits are better defined. But Baral (in litt., Oct. 2014) suggests its placement in *Dennisiodiscus*.

### irregularare

*Helotium irregularare* Rick, Brotéria, ser. Bot., 25: 110, 1931  
= ***Hymenoscyphus cupreus*** [fide Baral, 2000]  
Type: On decorticated wood, Brazil; holotype: K(M) Rick 8989; isotypes: NY 01169490 (Rick 495; noted by Dennis, 30 Sep 1959: = *Helotium cupreum* Bres., probably = *H. leucopse* (Berk. & M. A. Curtis) Le Gal), NY 01169491 (Rick 495), NY 01169492 (Rick 495, noted as 'ex K, Herb. Rick 8989'; noted by Dumont, Sep 1979: "holotype of *Helotium irregularare* Rick"); orig. material: PACA 13213, S F87037

### italicum

*Helotium trabinellum* var. *italicum* Sacc., Fungi ital. fasc. 32-36: fig. 1329, 1883  
*Helotium trabinellum* subsp. *italicum* (Sacc.) Sacc., Syll. fung. 8: 246, 1889  
Type: On rotten wood, Italy; holotype missing it in the Saccardo collection (Dennis, Kew Bull. 2: 355, 1971)  
≡ ***Calycina italica* (Sacc.) Baral**, Fl. Medit. 15: 60, 2005

### janthinum

*Helotium janthinum* (Fr.) Fr., Summa veg. Scand., sect. post. 355, 1849  
*Hymenoscyphus janthinus* (Fr.) Lambotte, Fl. myc. Belg., Suppl. 1: 307, 1880  
≡ *Peziza janthina* Fr., Syst. mycol. 2: 130, 1822  
Type: On old trunks of *Salix*, ? Sweden; holotype not located  
≡ ***Ombrophila ianthina* ['*janthina*'], (Fr.) Sacc**, Syll. fung. 8: 613, 1889  
New name for *Octospora violacea* Hedw. (Descr. micr.-anal. musc. frond. 2: 27, 1789), to avoid confusion with *Ombrophila violacea*

(Alb. & Schwein.) Fr. (Carpeter, Mem. New York Bot. Gard. 33: 224, 1981). The later inclusion of collections on coniferous cones are probably not conspecific.

### javanicum

*Helotium javanicum* Penz. & Sacc., Malpighia 15: 203, 1902  
Type: On old wood, Indonesia (Java); holotype not located

### javanicus

***Hymenoscyphus javanicus* (P. Henn.) Dennis**, Persoonia 3: 77, 1964  
≡ *Cudoniella javanica* P. Henn., Monsunia 1: 173, 1899  
Type: On wood, Indonesia (Java); holotype: ? B (not listed by Hein, Englera 10, 1988)

### jerdonii

'*Helotium jerdonii* Sacc.'  
*Pseudohelotium jerdonii* Sacc., Syll. fung. 8: 296, 1889  
New name for *Helotium pruinosum* Jerdon ex Berk. & Broome (Ann. Mag. nat. Hist., Ser. 3 18: 127, 1866). The name, *Helotium jerdonii* Sacc.' is often listed in the synonymy of *Polydesmia pruinoso* even Saccardo has published it as *Pseudohelotium jerdonii* (Syll. fung. 8: 296, 1889) but not as *Helotium*. Dennis (Mycol. Pap. 62: 42, 1956) pointed out that Saccardo's specimen (Cote d'Or, leg. Fautrey) named '*Pseudohelotium jerdonii* Sacc.' represents *Allophylaria macrospora* (Kirschst.) Nannf.

### jinggangensis

***Hymenoscyphus jinggangensis* Yan H. Zhang & W.Y. Zhuang**, Mycosystema 21: 494, 2002  
Type: On wet rotten bark, China; holotype: HMAS 82036

### julianum

*Helotium julianum* Velen., Novit. mycol. 185, [1939] 1940  
Type: On small grasses, Czech Rep. (Czechoslovakia); holotype: PRM 148152  
= ***Hymenoscyphus menthae*** [fide Baral, l. c.] Svrček (Sborn. Nár. Mus. Praha 40B: 153, 1985)

used for this taxon the name *Hymenoscyphus vitellinus* but Baral (in litt., Oct. 2014) stated after studying the type that it is conspecific with *Hymenoscyphus menthae* (spores homopolar) while the type of *H. vitellinus* is a different species (spores heteropolar).

### **juncinus**

*Hymenoscyphus juncinus* (Pers.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza juncina* Pers., Mycol. eur. 1: 314, 1822; Fries, Syst. mycol. 2: 152, 1822  
Type: On dry stems of *Juncus conglomeratus* and *J. effusus*, ? Germany; holotype: L 910261353 (L 0116848)  
≡ ***Mollisia juncina* (Pers.) Rehm**, Hedwigia 26: 83, 1891

### **juncisedus**

*Helotium juncisedum* Velen., Monogr. Discomyc. Boh. 1: 201 (2: pl. 20, fig. 45), 1934  
*Hymenoscyphus juncisedus* (Velen.) Dennis, Persoonia 3: 75, 1964  
Type: On stems of *Juncus communis* (= *Juncus effusus*), Czech Rep. (Czechoslovakia); holotype: PRM 824891  
≡ ***Cudoniella junciseda* (Velen.) Dennis**, British Ascom. 121, 1968

### **juniperi**

*Helotium juniperi* Velen., Monogr. Discomyc. Boh. 1: 195 [2: pl. 19, fig. 3], 1934  
Type: On decaying trunk of *Juniperus communis*, Czech Rep. (Czechoslovakia); lectotype: PRM148038 (designat. by Svrček, l. c.); ? isotype: PRM 147222, K(M) (microslide from the lectotype)  
= ***Pezizella junipericola* Svrček**, Sborn. Nár. Mus. Praha 40B: 153, 1985, new name for *Helotium juniperi* Velen.

### **juniperinellum**

*Helotium juniperinellum* (P. Karst.) P. Karst., Bidr. Känned. Finl. Natur Folk 19: 133, 1871  
*Hymenoscyphus juniperinellus* (P. Karst.) Kuntze, Revis. gen. pl. 3: 485, 1898  
Type: On needles of *Juniperus communis*, Finland; holotype: ? H

≡ *Peziza juniperinella* P. Karst., Not. Sällsk. Fauna Flora Fenn. 10: 141, 1869

≡ ***Antinoa juniperinella* (P. Karst.) Velen.**, Monogr. Discomyc. Boh. 214, 1934  
Kerstin & Lennart Holm (Symb. Bot. Upsal. 21(3): 7-8, 1977) stated that Karsten's material of this species was in a bad condition and that the position of the species is uncertain. According to its very thin and long black stipe and white pileate disc this characteristic species seems to be well-placed in the genus *Antinoa* Velen. (Baral in litt., Oct. 2014).

### **karstenii**

*Helotium karstenii* Roum., Fungi sel. gall. exs. 1: 65, 1879  
Type: On decaying flax cloth, France; syntype: Fungi Select. Gallici Exsicc. 1: 65, NY 01169493, BR, H, PC  
= ***Orbilium auricolor* (A. Bloxam.) Sacc.**, Syll. fung. 8: 625, 1889  
While Saccardo (Syll. fung. 8: 624, 1889) considered *H. karstenii* a synonym of *Orbilium luteorubella* (Nyl.) P. Karst., Baral (in litt., Oct. 2014) found the type to belong to *O. auricolor*.

### **kathiae**

***Hymenoscyphus kathiae* (Korf) Baral**, Fl. Medit. 15: 66, 2005  
≡ *Pezoloma kathiae* Korf, Mycotaxon 73: 495, 1999  
Type: On water-soaked wood in stream, USA; holotype: CUP 65322; paratype: CUP 65354  
When accepting *Phaeohelotium* as a distinct genus then this species should be transferred there, since it is closely related to *P. imberbe* and *P. vernum* (Baral in litt., Oct. 2014).

### **kermesinum**

*Helotium kermesinum* Fr., Summa veg. Scand., sect. post. 356, 1849  
***Hymenoscyphus kermesinus* (Fr.) Arendh.**, Morf.-taxon. Untersuch. Ascom. 89, 1979  
Type: On decaying leaves of *Betula*, ? Sweden; holotype not located

### **knautiae**

*Helotium knautiae* Velen., Monogr. Discomyc. Boh. 1: 194, 1934

Type: On stem of *Knautia arvensis*, Czech Rep. (Czechoslovakia) [May 1930]; holotype: PRM 148013

≡ ***Cystopezizella knautiae* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 154, 1985

### **knautiae**

*Helotium knautiae* Velen., Opera Bot. Čech. 4: 122, 1947

Type: On stem of *Knautia arvensis*, Czech Rep. (Czechoslovakia) [Oct. 1941]; holotype: PRM 14088

= ***Hymenoscyphus euphorbiae*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 154, 1985]

Homonym of *Helotium knautiae* Velen. (1934).

### **krascheninikowii**

*Helotium krascheninikowii* (Weinm.) Sacc., Syll. fung. 8: 235, 1889

≡ *Peziza krascheninikowii* Weinm., Flora 15: 456, 1832

Type: On fallen twigs, Russia; holotype not located

≡ ***Pachydisca krascheninikowii* (Weinm.)**

**Boud.**, Hist. classific. Discomyc. Europe 94, 1907

### **kumoanicus**

***Hymenoscyphus kumoanicus* ['kumaonicus']**

**M. P. Sharma**, in Khullar & M. P. Sharma, Himalayan Bot. Res. 179, 1991

Type: On dead stems of *Anaphalis adnata*, India; holotype: PAN 3268; isotype CUP IN-000473

### **kunicense**

*Helotium kunicense* Velen., Monogr. Discomyc. Boh. 1: 184, 1934

Type: On wood of *Salix*, Czech Rep. (Czechoslovakia); holotype: PRM 147544

= ***Bisporella subpallida*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 155, 1985]

### **kunzei**

*Helotium kunzei* (Saut.) Sacc., Syll. fung. 8: 238, 1889  
≡ *Peziza kunzei* Saut., Flora 24: 313, 1841

Type: On stem disc of a tree wood, Austria; holotype: envelope in W has a yellowish apothecium different to protologue (Keissler, Ann. Nat-hist. Mus. 31: 95, 1917)

? ≡ *Pachydisca kunzei* (Saut.) Boud., Hist. classific. Discomyc. Europe 94, 1907

### **kurandae**

*Helotium kurandae* Henn., Hedwigia 42, Beih.: 82, 1903

Type: On fallen twigs, Australia; holotype missing in B (Hein, Englera 10: 42, 1988); S (note by Dennis, March 1958: "This packet bears the type number Pritzel 152 but does not agree well with the diagnosis")

### **laburni**

*Helotium laburni* Berk. & Broome, Ann. Mag. Nat. Hist., ser. 4, 17: 143, 1876

*Hymenoscyphus laburni* (Berk. & Broome) W. Phillips, Man. Brit. Discomyc. 135, 1887

Type: On decorticated branches of *Cytisus laburnum*, United Kingdom; type: K(M) 4 spec. (no one marked as holotype)

= *Helotium infarciens* [fide Rehm, Pilze Deutschl., Hyster. Discomyc. 787, 1893] ≡

### ***Hymenoscyphus infarciens***

'*Helotium laburni* (A. L. Sm.) anon.' listed in on-line databases based on *Lachnella laburni* A. L. Sm. (Trans. Brit. Mycol. Soc. 4[1912]: 76, 1913) does not exist!

### **lachnoides**

*Helotium lachnoides* Velen., Novit. mycol. 183, [1939] 1940

Type: On decaying twigs of *Alnus glutinosa*, Czech Rep. (Czechoslovakia); holotype: PRM 148202

= ***Hymenoscyphus sordidus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 155, 1985]

### **lacteolum**

*Hymenoscyphus lacteolus* (Quél.) Kuntze, Revis. gen. pl. 3: 485, 1898

≡ *Calycella lacteola* Quél., Compt. Rend. Assoc. Franc. Avancem. Sci. 20[1891]: 464, 1892

Type: On peels of *Olea*, France; holotype not located

### **lacteolum**

*Helotium lacteolum* Kirschst., in Schieferdecker, Z. Mus. Hildesheim ser. n. 7: 91, 1954

Type: On wood chips and rotting leaves of *Fagus*, Germany; holotype missing in B (Hein & Gerhardt, Wildenowia 11: 123-163, 1981)

### **lacteam**

*Helotium lacteum* Ellis & Everh., J. Mycol. 4: 56, 1888

Type: On dead wood, USA; holotype: ? NY 00830295 (tagged as syntype); isotypes: NY 00830296, K(M), CUP D-08458, FH 00433681

≡ ***Calycina lactea* (Ellis & Everh.) Baral, R. Galán & G. Platas**, in Baral & al., Mycosystema 32: 423, 2013

Homonym of *Helotium lacteum* Cooke (1879). *Hymenoscyphus ellisii* Dennis (Persoonia 3: 48, 1964) is the new name for *H. lacteum*.

### **lacteam**

*Helotium lacteum* (Cooke & W. Phillips) Masee, Brit. fung.-fl. 4: 269, 1895

≡ *Ascobolus lacteus* Cooke & W. Phillips, Grevillea 5: 119, 1877

Type: On cow dung, UK; holotype: K(M) 29993

≡ ***Coprotus lacteus* (Cooke & W. Phillips) Kimbr., Luck-Allen & Cain**, Canad. J. Bot. 50: 965, 1972

Homonym of *Helotium lacteum* Cooke (1879).

### **lacteam**

*Helotium lacteum* Cooke, Grevillea 8: 63, 1879

***Hymenoscyphus lacteus* (Cooke) O. Kuntze**, Revis. gen. pl. 3(2): 485, 1898

Type: On very rotten wood, New Zealand; holotype: K(M), type: FH 00433681

### **lactucae**

*Helotium lactucae* Losa, Ann. Jard. bot. Madr. 8[1947]: 319, 1948

Type: On dead stems of *Lactuca* ? *virosa*, Spain; holotype: ? BCN

### **laetum**

*Helotium laetum* (Boud.) Sacc., Syll. fung. 8: 248, 1889

***Hymenoscyphus laetus* (Boud.) Dennis**,

Persoonia 3: 73, 1964

≡ *Pachydisca laeta* Boud., Bull. Soc. Mycol. France 4: 78 [pl. 16, fig. 3], 1888

Type: On wet bark, France; holotype: ? PC

### **lanceolatoparaphysatum**

*Helotium lanceolatoparaphysatum* [*'lanceolato-paraphysatum'*] (Rehm) Seaver, N. Amer. Cup-fung. Inoperc. 145, 1951

≡ *Pezizella lanceolatoparaphysata* [*'lanceolato-paraphysata'*] Rehm, Ann. Mycol. 6: 316, 1908

Type: On dry stems of *Spiraea filipendula*, USA; ? holotype: S F9725 (tagged as syntype; noted by Dennis: *Psilachnum* sp. and by Raschle, 1977: *Psilachnum lanceolato-paraphysatum* (Rehm) v. Höhn.)

≡ ***Psilachnum lanceolatoparaphysatum* [*'lanceolato-paraphysatum'*] (Rehm) Höhn.**, Mitt. Bot. Inst. TH Wien 3(2): 107, 1926

### **languidium**

*Helotium languidium* [*'langvidum'*] P. Karst.,

Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 235, 1870  
*Helotium parile* var. *languidium* [*'langvidum'*] (P. Karst.) P. Karst., Bidr. Känned. Finl. Nat. Folk 19: 115, 1871

Type: On twigs of *Betula* and *Rubus idaeus*, Finland; holotype: H Karsten 2790

≡ ***Calycina languida* (P. Karst.) Baral, R. Galán & G. Platas**, Mycosystema 32: 423, 2013

### **lappae**

*Helotium lappae* Losa, Ann. Jard. bot. Madr. 8[1947]: 320, 1948

Type: On dead stems of *Lappa*, Spain; holotype: ? BCN

### **laricinum**

*Helotium laricinum* (Ellis & Everh.) Seaver, N. Amer. Cup-fung. Inoperc. 139, 1951

≡ *Pseudohelotium laricinum* Ellis & Everh., Proc. Acad. Nat. Sci. Philad. 1894: 349, 1894

Type: On needles of *Larix*, USA; holotype: NY L. N. Johnson 657; isotypes: CUP D-00625, CUP D-08324, MICH 14895

≡ ***Pezoloma laricina* (Ellis & Everh.) Korf**, Phytologia 21(4): 205, 1971

Specimen L. N. Johnson 657 studied by Dennis

(Persoonia 3: 50, 1964) represents probably the holotype but was not located in NY.

### **lasiopodius**

#### ***Hymenoscyphus lasiopodius* ['lasiopodium']**

(Pat.) Dennis, Persoonia 2: 190, 1962

≡ *Belonidium lasiopodium* Pat., Bull. Soc. mycol. Fr. 16: 184, 1900

Type: On pieces of rotten wood, Guadeloupe (Lesser Antilles, France); holotype not located

### **lasseri**

*Helotium lasseri* Dennis, Kew Bull. 14: 432, 1960

*Hymenoscyphus lasseri* (Dennis) Dennis, Persoonia 3: 75, 1964

Type: On dry leaves and branches of *Melastomataceae*, Venezuela; holotype: K(M)  
≡ ***Lambertella lasseri* (Dennis) Dumont**, Mycotaxon 12: 349, 1981

### **lateritioalbum**

*Helotium lateritioalbum* ['lateritio-album'] P.

Karst., Rev. Mycol. (Toulouse) 9: 159, 1887

Type: On leaves of *Scirpium sylvaticum*, Finland; holotype: H; isotype: NY 01169495 (microslide, noted as 'holotype, ex H')

≡ ***Psilachnum lateritioalbum* (P. Karst.)**

**Höhn.**, Mitt. Bot. Inst. TH Wien 3(2): 73, 1926

This is the type species of the genus *Psilachnum*. Dennis (Kew Bull. 17: 341, 1963) noted that *Psilachnum crinellum* (Ell. & Everh.) Dennis (*Peziza crinella* Ell. & Everh., 1883) is closely related and probably an earlier name for *P. lateritioalbum*.

### **lecithinum**

*Helotium lecithinum* ['lechithinum'] (Cooke)

Masse, Brit. fung.-fl. 4: 233, 1895

≡ *Peziza lecithina* ['lechithina'] Cooke Grevillea 4(no. 31): 110, 1876

Type: On old trunk, United Kingdom; holotype: K(M) 30091

≡ ***Miladina lecithina* ['lechithina'] (Cooke)**

**Svrček**, Čes. Mykol. 26: 214, 1972

### **lectissimum**

*Helotium lectissimum* (P. Karst.) P. Karst., Not.

Sällsk. Fauna Fl. Fenn. Forh. 11: 242, 1870

*Hymenoscyphus lectissimus* (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza lectissima* P. Karst., Not. Sällsk. Fauna Fl. Fenn. Forh. 10: 184, 1869

Type: On bark of a twig of *Salix phylicifolia*, Finland; holotype: H

≡ ***Hyaloscypha albohyalina* (P. Karst.) Boud.**, Hist. classific. Discomyc. Europe 127, 1907

### **leguminum**

*Hymenoscyphus leguminum* (Schwein.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza leguminum* Schwein., Trans. Amer. Philos. Soc., ser. 2 4(2): 176, 1832

Type: On pods of *Catalpa* and *Tecoma*, USA; holotype not located

≡ ***Pezizella leguminum* (Schwein.) Saccardo**, Syll. fung. 8: 290, 1889

### **lens**

*Helotium lens* Speg., Anal. Soc. Cient. Argent. 12: 224, 1881

Type: On rotten leaves of *Eryngium pandanifolium*, Argentina; holotype: LPS 28128

### **lenticulare**

*Helotium lenticulare* (Bull.) Fr., Summa veg. Scand., sect. post. 356, 1849

*Helotium citrinum* var. *lenticulare* (Bull.) Rehm, Pilze Deutschl., Hyster. Discomyc. 773, 1893

≡ *Peziza lenticularis* Bull., Herb. France 1: 248 [pl. 300], 1791; Fries, Syst. mycol. 2: 133, 1822

Type: On decaying trunk of a tree, France; holotype not located

≡ ***Bisporella pallescens*** [fide Korf & Carpenter, Mycotaxon 1: 58, 1974]

### **lentisporum**

*Helotium lentisporum* [,lentrisporium'] Kirschst., Ann. Mycol. 34: 182, 1936

Type: On decaying leaves of *Typha latifolia*, Germany; holotype not located

= ***Hymenoscyphus scutula*** [fide Baral, 2000]

### **lentum**

*Helotium lentum* Berk. & Broome, J. Linn. Soc., Bot., 14: 108, 1873

Type: On dead leaves and capsules, Sri Lanka

[Ceylon]; holotype: K(M) (Carpenter, Mem. New York Bot. Gard. 33: 250, 1981) - but not located there

≡ **Moellerodiscus lentus (Berk. & Broome) Dumont**, Mycologia 68: 247, 1976

### lepismoides

**Hymenoscyphus lepismoides Baral & Bemann**, Ascomycete.org 5: 120, 2013  
Type: On twigs of *Carpinus betulus*, Luxembourg, holotype: M 0257563 (Baral 3656)

### leucellum

*Helotium leucellum* (P. Karst.) P. Karst., Bidr. Känned. Finl. Natur Folk 19:151, 1871  
*Hymenoscyphus leucellus* (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza leucella* P. Karst., Fungi Fenniae Exsicc. 7: 651, 1867

Type: On leaves, Finland; syntype: Fungi Fenniae Exsicc. Exs. 651

≡ **Calycellina leucella (P. Karst.) Dennis ex Müller**, Beitr. Kryptogamenfl. Schweiz 15: 29, 1977

*Helotium leucellum* (Karst.) Karst. sensu Dennis (Mycol. Pap. 62: 179, 1956) = *Calycellina dennisii* Raschle (Nova Hedwigia 30: 669, 1978)

### leucopsis

**Hymenoscyphus leucopsis (Berk. & M. A. Curtis) Kuntze**, Revis. gen. pl. 3(2): 485, 1898  
*Helotium leucopsis* [?'leucopse'] (Berk. & M. A. Curtis) Le Gal, Discomyc. Madag. 335, 1953  
≡ *Peziza leucopsis* Berk. & M. A. Curtis, in Berkeley, J. Linn. Soc., Bot., 10[1868]: 368, 1869  
Type: On dead wood, Cuba; holotype: K(M)  
*Hymenoscyphus leucopsis* by Dennis (Persoonia 3: 77, 1964) is a superfluous name.

### leucopus

*Helotium leucopus* Mont., in Gay, Hist. Fis. Polit. Chile, Bot., 7: 410, 1850

**Hymenoscyphus leucopus (Mont.) Dennis**, Persoonia 3: 76, 1964

Type: On upper side of the leaves of *Persea lingue*, Chile; holotype: PC  
According to Dennis (Kew Bull. 15: 305, 1961)

the species differs from *H. caudatus* only by having guttules in the spores so it may be conspecific with the later.

### leucostigma

*Hymenoscyphus leucostigma* (Fuckel) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Niptera leucostigma* Fuckel, Jahrb. Nassau. Ver. Naturk. 27-28: 59, 1874

Type: On rotten stump roots of *Fagus* and *Betula*, Germany; syntype: Fungi Rhenani Exsicc., ed. 1, 26(11): 2572

The validity of this taxon is unclear because Fuckel originally cited the name as "N.

*leucostigma* (Fr.?) Fckl. F. rh. ed. I. 2572 & ed. II." and *Peziza leucostigma* Fr. (Obs. mycol. 1: 165, 1815) is an *Orbilia*. Examination of Fuckel's material by Baral (in litt., Oct. 2014) showed that it is *Hyaloscypha spiralis* (Velen.) J. G. Han, Hosoya & H. D. Shin (Fung. Biol. 118: 161, 2014).

### leucostigmoides

*Hymenoscyphus leucostigmoides* (Sacc.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Calloria leucostigmoides* Sacc., Michelia 1: 63, 1877

Type: On herbaceous stems, Italy; holotype: ? PAD

?= *Calycellina chlorinella*

*Hymenoscyphus leucostigmoides* (Sacc.) J. Schröt. (Pilze Schles. 3(2): 70, 1893) is a superfluous name.

### libertianum

*Helotium libertianum* Sacc. & Roum., Rev. Mycol. (Toulouse) 6: 28, 1884

Type: On cones of *Pinus sylvestris*, Belgium; syntype: Fungi Select. Gallici Exsicc. 53: 5223, K(M); NY 01169500 (noted as 'ex PAD', tagged by Carpenter as holotype)

### ligustri

*Helotium subcorticale* var. *ligustri* Velen., Novit. mycol. 183, [1939] 1940

**Hymenoscyphus ligustri (Velen.) Svrček**,

Sborn. Nar. Muz. Praha 40B: 179, 1985

Type: On wood of *Ligustrum* sp., Czech Rep.; holotype: PRM 148048

### **lilacinus**

*Hymenoscyphus lilacinus* (Wulfen) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Helvella* ['*lilacea*'] *lilacina* Wulfen, in Jacquin, Collect. bot., chem. hist. nat. 1: 347, 1786; Fries, Syst. mycol. 2: 140, 1822  
Type: On cut trunks of trees, ['Clagenfurt' Klagenfurt] Austria & ['Labacum' Ljubljana] Slovenia; holotype not located  
≡ ***Mollisiella lilacina* (Wulfen) Boud.**, Hist. classific. Discomyc. Europe 142, 1907 [fide Zhuang, Mycotaxon 32: 70, 1988]  
Known also as *Neobulgaria lilacina* (Wulf.) Dennis or *Ombrophila lilacina* (Wulf.) P. Karst.

### **limnogenum**

*Helotium limnogenum* Petrak, Ann. Mycol. 25: 277, 1927  
Type: On rotten stems of *Phalaris arundinacea*, Czech Rep. (Czechoslovakia); syntype: Fl. Bohem. Morav. exs 2. serie, 46: 2262 (as *Helotium* '*limogenum*'), S F10608, K(M), FH 00433679, BPI 654959  
Since Petrak compared it with *Helotium herbarum* it is apparently a *Calycina* (Baral in litt., Oct. 2014).

### **limonicolor**

*Helotium limonicolor* Bres., Fungi Trident. 2(11-13): 81, pl. 195, fig. 3, 1898  
Type: On dry leaves of *Thuja occidentalis*, Italy; holotype: S-F10205 (noted by Dennis: cf. *Chloroscypha jacksoni* Seaver)  
≡ ***Chloroscypha limonicolor* (Bres.) Dennis**, Persoonia 3: 50, 1964  
But Dennis (l. c.) pointed out that there seems nothing but colour to separate this from *Chloroscypha jacksoni* Seaver.

### **limonium**

*Helotium limonium* Cooke & Peck, in Peck, Rep. (Annual) New York State Mus. Nat. Hist. 26: 83, 1874  
***Hymenoscyphus limonium* (Cooke & Peck) Dennis**, Persoonia 3: 51, 1964  
Type: On herbaceous stems, USA; type: K(M) 3 spec. (marked as 'CHP 294'), NYS f001718 (Peck 294); isotypes: NYS f001718, CUP D-03747, FH 00433680

### **linderi**

*Helotium linderi* W. L. White, Farlowia 1: 154, fig. 9, 1943  
Type: On fallen leaves, USA; holotype: FH 00433682; paratype: FH 00433683  
= ***Hymenoscyphus caudatus*** [fide Lizoň, Mycotaxon 45: 12, 1992]

### **lindquistii**

***Hymenoscyphus lindquistii* Gamundí & Gaiotti**, Bol. Soc. Argent. Bot. 18 (1-2): 21, 1977  
Type: On leaves of *Nothofagus betuloides* and *N. pumilio*, Argentina (Tierra del Fuego); holotype: BAFC 21018; isotype: LPS 32280

### **litoreum**

*Helotium litoreum* ['*littoreum*'] (Fr.) P. Crouan & H. Crouan, Fl. Finistère 48, 1867  
*Hymenoscyphus litoreus* (Fr.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza litorea* Fr., Syst. mycol. 2: 121, 1822  
Type: On dry stems of *Arundo*; holotype: no authentic material in UPS (Dennis, Kew Bull. 17: 352, 1963)  
Baral (2000) suggests that it might be conspecific with *Lachnum controversum* (Cooke) Rehm. See also Carpenter (Mem. New York Bot. Gard. 33: 229, 1981).

### **litseae**

***Hymenoscyphus litseae* ['litseus'] M. P. Sharma**, in Khullar & M. P. Sharma, Himalayan Bot. Res. 186, 1991  
Type: On dead leaves of *Litsea consimilis*, India; holotype: PAN; isotype: CUP IN-000465

### **lividofuscum**

*Helotium lividofuscum* Thind & Saini, Mycologia 59: 471, fig. 3, 1967  
***Hymenoscyphus lividofuscus* (Thind & Saini) Thind & P. M. Sharma**, Nova Hedwigia 32: 130, 1980  
Type: On fallen decaying leaves of *Rubus ellipticus*, India; holotype: PAN; isotype: K(M)

### **lividopurpurascens**

*Helotium versiforme* var. *lividopurpurascens*

['*livido-purpurascens*'] (Pers.) Gillet, Champ. France, Discomyc. 6: 158, 1883  
≡ *Peziza versiformis* var. *lividopurpurascens* ['*livido-purpurascens*'] Pers., Mycol europ. 1: 243, 1822

Type: On cones of *Picea abies*, Upper Lusatia (Germany & Poland); holotype: ? L  
= ***Rutstroemia bulgarioides* (Rabenh.) P. Karst.**, Bidr. Känn. Finl. Nat. Folk 19: 105, 1871 [fide Dixon, Mycotaxon 1: 89, 1974]

### lividum

*Helotium lividum* Mont., in Gay, Hist. Fis. Polit. Chile, Bot., 7: 407, 1850  
*Hymenoscyphus lividus* (Mont.) Dennis, Persoonia 3: 76, 1964  
Type: On lower side of the leaves of *Aextoxicon punctatum*, Chile; holotype: PC (Dumont l. c.), isotype: K(M)  
≡ ***Lanzia livida* (Mont.) Dumont**, Mycotaxon 12: 352, 1981

### lobatum

*Helotium lobatum* Velen. ex Svrček, Sborn. Nár. Mus. Praha 40B: 157, 1985  
Type: On twig of *Cotoneaster integerrima*, Czech Rep. (Czechoslovakia); holotype: PRM 149263  
= ***Hymenoscyphus virgultorum*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 157, 1985]  
Homonym of *Helotium lobatum* Starbäck (1899).

### lobatum

*Helotium lobatum* Starbäck, Bih. Kongl. Svenska Vetensk.-Akad. Handl., Afd. 3, 25(1): 5, 1899  
Type: On decaying trunks, Brazil: syntypes: S F46375 (Malme 310), S F46376 (Malme 113)  
≡ ***Encoelia lobata* (Starbäck) Dennis**, Kew Bull. 9(2): 335, 1954  
Dennis (l. c.) has seen in S two specimens: Malme 234 (noted as *typus*) and Malme 310.

### longipes

*Hymenoscyphus longipes* (Cooke & Peck) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza longipes* Cooke & Peck, Bull. Buffalo

Soc. Nat. Sci. 2: 295, 1875

Type: On petioles of *Fraxinus*, USA; holotype: ?NYS; isotypes: NYS f1751, CUP D-03754

≡ ***Lanzia longipes* (Cooke & Peck) Dumont & Korf**, in Korf & Gruff, Mycotaxon 7: 185, 1978

### longisporum

*Helotium longisporum* Schweers, Rev. Mycol. 4: 131, 1939

Type: On stems of *Carex* and *Rubus* and rotten leaves, the Netherlands (Pays-Bas); holotype: L 938-304-7; isotype: K(M) (microslide)

= ***Phaeohelotium geogenum* (Cooke) Svrček & Matheis**, Čes. Mykol. 33: 227, 1979 [fide?] Baral (in litt., Oct. 2014) studied the type specimen and agrees with this identity.

### longisporus

***Hymenoscyphus longisporus* M. P. Sharma**, in Khullar & M. P. Sharma, Himalayan Bot. Res. 187, 1991

Type: On dead stems of *Geranium wallichianum*, India; holotype: PAN

### lonicerae

*Helotium lonicerae* Velen., Monogr. Discomyc. Boh. 1: 206, 1934  
Type: On leaves of *Lonicera tatarica*, Czech Rep. (Czechoslovakia); holotype: PRM 150114

### loti

*Helotium loti* Velen., Monogr. Discomyc. Boh. 1: 191 (2: pl. 20, fig. 31), 1934.  
Type: On stem of *Helianthemum*, *Verbascum*, *Clinopodium*, *Lotus*, *Fragaria*, *Veronica*, Czech Rep. (Czechoslovakia); lectotype: PRM 147241 (designat. by Svrček, l. c.); syntypes: PRM 147466, PRM 147588; authentic material (not a syntype): PRM 147763  
= ***Hymenoscyphus discretus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 156, 1985]

### lounense

*Helotium lounense* Velen., Monogr. Discomyc. Boh. 1: 407, 1934  
Type: On herbaceous stem (not on oak twig as stated in the protologue), (Czechoslovakia); holotype: PRM 614743



= *Hymenoscyphus discretus* [fide Svrček, Sborn. Nár. Mus. Praha 40B: 156, 1985]

### **ludmilae**

*Helotium ludmilae* Velen., Novit. mycol. 185, [1939] 1940

Type: On petiole of *Campanula*, Czech Rep. (Czechoslovakia); holotype: PRM 148049

= *Ciboriopsis tenuistipes* (Schroet.) J. T. Palmer [fide Svrček, Sborn. Nár. Mus. Praha 40B: 157, 1985]

### **lunatum**

*Helotium lunatum* Velen., Čes. houby (4-5): 851, 1922 [Monogr. Discomyc. Boh. 1: 189, 1934]

Type: On trunks of *Quercus*, *Fagus*, *Carpinus*, Czech Rep. (Czechoslovakia); authentic material: on wood of *Quercus*, PRM 824902 (by Svrček, 1985, noted as the holotype, but probably not a holotype because it has different date)

= *Hymenoscyphus epiphyllus* [fide Svrček, Sborn. Nár. Mus. Praha 40B: 157, 1985]

### **luteofuscum**

*Helotium luteofuscum* (Feltg.) Boud., Hist. classific. Discomyc. Europe 115, 1907

≡ *Phialea luteofusca* ['*luteo-fusca*'] Feltg., Vorstud. Pilz-Fl. Luxemb. 1 (Ascomyc.), Nachtr. 2: 53, 1901

Type: On rotten needles of *Pinus sylvestris*, Luxemburg; holotype not located (Carpenter Mem. New York Bot. Gard. 33: 229, 1981)

= *Calycellina chlorinella* [fide Baral, 2000]

### **luteolum**

*Helotium luteolum* Curr., Trans. Linn. Soc. 24: 153, pl. 25, fig. 11-12, 18. 1864

Type: On a gorse stick, United Kingdom; holotype: ? K(M)

= *Dasyscyphus luteolus* (Curr.) Sacc. [fide Nannfeldt, Trans. Brit. Mycol. Soc. 23: 241, 1939] ≡ *Lachnum pygmaeum*

### **luteovirens**

*Helotium luteovirens* (Fr.) Fr., Summa veg. Scand., sect. post. 356 (1849)

≡ *Peziza luteovirens* Fr., Syst. mycol. 2: 133, 1822

Type: On decaying twigs of *Fagus*, ? Sweden; holotype: no specimen in UPS (Dixon, Mycotaxon 1: 102, 1974)

≡ *Chlorosplenium luteovirens* (Fr.) Sacc., Syll. fung. 8: 320, 1889 [fide Dixon, l. c.]

### **luteovirescens**

*Helotium luteovirescens* (Roberge ex Desmaz.) P. Karst., Hedwigia 22: 164, 1883

*Hymenoscyphus luteovirescens* (Roberge ex Desmaz.) W. Phillips, Man. Brit. Discomyc. 121, 1887

≡ *Peziza luteovirescens* Roberge ex Desmaz., Ann. Sci. Nat., Bot., ser. 3, 8: 188, 1847

Type: On petioles of *Acer*, France; syntype: Pl. Crypt. Nord France, ed. 1, 31: 1541 (1846), ed. 2, 21: 1041, (1846), NY 00914717 (ex NYS), NY 00914715, NY 00914716 (ex FH)

≡ *Lanzia luteovirescens* (Roberge ex Desmaz.) Dumont & Korf, in Korf & Gruff, Mycotaxon 7: 185, 1978

For details see White (Lloydia 4: 211, 1941) and Carpenter (Mem. New York Bot. Gard. 33: 230, 1981).

### **lutescens**

*Helotium lutescens* (Hedw.) Fr., Summa veg. Scand., sect. post. 355, 1849

*Hymenoscyphus lutescens* (Hedw.) W. Phillips, Man. Brit. Discomyc. 131, 1887

≡ *Octospora lutescens* Hedw., Descr. micr. -anal. musc. frond. 2: 31, 1789; Fries, Syst. mycol. 2: 120, 1822

Type: On rotten wood of *Picea*, ? Germany; holotype not located (Lizoň, Mycotaxon 45: 30, 1992)

For more taxonomy see Svrček (Sborn. Nár. Mus. Praha 40B: 158, 1985) and Dennis (Mycol. Pap. 62: 90, 1956).

### **lutescens**

*Helotium lutescens* Rehm, Ascomyceten 39: 1719, 1907 [Ann. Mycol. 5: 211, June 1907]

Type: On decaying bark of *Abies pectinata*, Austria; syntype: Ascomyceten 39: 1719  
Homonym of *Helotium lutescens* (Hedw.) Fr. (1849).

### **luteum**

*Helotium luteum* Rick, Brotéria, ser. Bot., 25: 110, 1931 [B]

Type: On wood, Brazil; holotype: PACA 13232; isotypes: NY 01179405 (marked as, ex K, herb. Rick), NY 01179407 (marked as, Ex Herb Rick no. 13232)

≡ ***Phaeohelotium luteum* (Rick) Dumont**, Mycotaxon 12: 354, 1981

### **lutisedum**

*Helotium lutisedum* (P. Karst.) P. Karst., Not. Sälls. Fauna Fl. Fenn. 11: 236, 1871 [B]

*Hymenoscyphus lutisedus* (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza lutiseda* P. Karst., Fungi Fenniae Exsicc. 6: 539, 1866 [Not. Sällsk. Fauna Fl. Fenn. Förh. 10: 152, 1869]

Type: On plant debris on soil, Finland; syntype: Fungi Fenniae Exsicc. 6: 539

≡ ***Calycella lutiseda* (P. Karst.) Boud.**, Hist. classific. Discomyc. Europe 96, 1907

### **luzularum**

*Helotium luzularum* Velen., Monogr. Discomyc. Boh. 1: 202, 1934

***Hymenoscyphus luzularum* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 159, 1985

Type: On stems of *Luzula albida*, Czech Rep. (Czechoslovakia); holotype: PRM 147503

### **luzulinum**

*Helotium luzulinum* (Mout.) Boud., Hist. classific. Discomyc. Europe 112, 1907

Type: On leaves of *Luzula albida*, Belgium; holotype: BR

### **lycopodium**

*Helotium lycopodium* Moesz & Smarods, in Moesz, Bot. Közl. 39: 188, 1942

Type: On dead spikes and stems of *Lycopodium clavatum*, Latvia; holotype not located  
? = *Crocicreas cyathoideum*

### **lyonsiae**

*Hymenoscyphus lyonsiae* (Cobb) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza lyonsiae* Cobb, Agric. Gaz. New South

Wales 5: 390, 1894

Type: On ?, Australia; holotype not located

≡ ***Helotiella lyonsiae* (Cobb) Sacc.**, Syll. fung. 16: 741, 1889

### **lysimachiae**

*Helotium scutula* var. *lysimachiae* Velen., Novit. mycol. 184, [1939] 1940

Type: On dead stems of *Lysimachia vulgaris*, Czech Rep. (Czechoslovakia); holotype: PRM 148064; orig. mat.: PRM 148158

= ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 176, 1985]

### **lysimachiae**

*Hymenoscyphus scutula* var. *lysimachiae* W. Phillis, Man. Brit. Discomyc. 137, 1887

*Helotium scutula* f. *lysmachiae* (Phill.) Masee, Brit. fung.-fl. 4: 254, 1895

Type: On dead stems of *Lysimachia vulgaris*, United Kingdom; syntype: Phillips, Ellvell. Brit. 120A, K(M) 31116

= ***Hymenoscyphus scutula*** [fide White, Mycologia 34: 160, 1942]

### **macroguttatus**

***Hymenoscyphus macroguttatus* Baral, B. Declercq & J. Hengstm.**, in Baral & al., Sydowia 26: 158, 2006

New name for *Hymenoscyphus pteridicola* Thind & Sharma (1980), a homonym of *Hymenoscyphus pteridicola* (P. & H. Crouan) Kuntze (1898).

### **macrospora**

*Helotium robustius* var. *macrospora* Boud., Hist. classific. Discomyc. Europe 114, 1907

Type: no substrate and no collecting site by Rehm; syntype: Ascomyceten 562 (as ? *Helotium robustius* P. Karst.)

= ***Hymenoscyphus robustius***

The name should not be ascribed to Rehm since specimen in Ascomyceten was issued as "H. robustus Karsten myc. fenn. II. p. 119" (Hedwigia 20: 36, 1881). Boudier presented no description but there is description in the exsiccatae.

### macrosporium

*Helotium macrosporium* Velen., Monogr. Discomyc. Boh. 1: 194, 1934  
Type: On herbs, Czech Rep. (Czechoslovakia); lectotype: PRM 824911 (designat. by Svrček, l. c.; labeled as *Helotium superbium* Velen, nom nud.); syntypes: PRM 147242, PRM 148828  
= ***Hymenoscyphus scutula* var. *fucatus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 159, 1985]  
Homonym of *Helotium macrosporium* Peck (1874).

### macrosporium

*Helotium macrosporium* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 26: 82, 1874  
Type: Decaying wood of *Fagus*, USA; holotype: NYS f001811; isotypes: NY 01179408, NY 01179409, NY 01179410, NY 01179411 (all noted 'ex NYS')  
≡ ***Tatraea macrospora* (Peck) Baral**, in Baral & al., Öster. Z. Pilzk. 8: 80, 1999

### macrosporium

*Helotium macrosporium* Sacc., Michelia 2: 535, 1882  
Type: On corticated twigs of *Cornus sanguinea*, Italy; holotype: ? PAD  
Homonym of *Helotium macrosporium* Peck (1874). New name: *Helotium montellicum* ≡ ***Pachydisca montellica***

### macrosporus

*Hymenoscyphus macrosporus* (Rostr.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Phialea macrospora* Rostr., Meddel. Grønland, Biosci. 3: 608, 1891  
Type: Blade of *Salix glauca*, Greenland (Denmark); holotype not located

### maculosum

*Helotium maculosum* Ellis & G. Martin, Amer. Nat. 17: 1284, 1883  
Type: On living leaves of *Persea palustris*, USA; syntype: N. Amer. Fungi 13: 1276, K(M) 2 spec., CUP D-02975, CUP D-08463, MICH 14180  
≡ ***Erinellina maculosa* (Ellis & Martin)**  
**Seaver**, N. Amer. Cup-fung. Inoperc. 293, 1951

Seaver (l. c.) noted that the species was known only from the type locality so specimen issued in the exsiccati should represent the type even if it was not cited in the protologue.

### magellanicum

*Helotium magellanicum* Dennis, Kew Bull. 15: 305, 1961  
Type: On decorticated rotten twigs of *Fagus betuloides*, Argentina (Tierra del Fuego); holotype ? LPS  
New name for *Chlorosplenium fuegianum* Speg. (Bol. Acad. Nac. Cienc. Cordoba 11: 266, 1888) ≡ ***Bisporella fuegiana***  
For more details see Dennis (Kew Bull. 15(2): 293-320, 1961).

### magnicellulosus

***Hymenoscyphus magnicellulosus* H. D. Zheng & W. Y. Zhuang**, Mycotaxon 123: 20, 2013  
Type: On rotten bark, China; holotype: HMAS 188555

### magnificum

*Helotium magnificum* Velen., Monogr. Discomyc. Boh. 1: 198 (2: pl. 21, fig. 32), 1934  
*Hymenoscyphus magnificus* (Velen.) Dennis, Persoonia 3: 76, 1964  
Type: On grasses, on sheaths of *Eriophorum vaginatum*, Czech Rep. (Czechoslovakia); lectotype: PRM 148497 (designat. by Svrček, 1985: 159)  
= ***Conchatium megalosporum* (Rea) Svrček**, Sborn. Nár. Mus. Praha 40B: 159, 1985 [fide]

### malawiensis

***Hymenoscyphus malawiensis* Fisher & Spooner**, Trans. Brit. Mycol. Soc. 88: 47, 1987  
Type: On rotten vegetation at the lake edge, Malawi; holotype: ? K(M)

### mali

*Helotium mali* Velen., Monogr. Discomyc. Boh. 1: 186, 1934  
Type: On twigs of *Pyrus malus*, Czech Rep. (Czechoslovakia); holotype: PRM 147427  
= *Hymenoscyphus conscriptus* [fide Svrček,

Sborn. Nár. Mus. Praha 40B: 160, 1985] =

***Hymenoscyphus virgultorum***

**malloti**

*Helotium malloti* S. Ramakr. & Sriniv., Proc. Indian Acad. Sci., Sect. B 34: 157, 1951  
*Hymenoscyphus malloti* ['mallotius'] (T. S. Ramakr. & Sriniv.) M. P. Sharma, Himalayan Bot. Res.: 157, 1991

Type: On living leaves of *Mallotus albus*, India; holotype: probably lost at MH where it was originally deposited (M. P. Sharma, l. c.)

≡ ***Cudoniella malloti* (T. S. Ramakr. & Sriniv.) A. Pande**, Ascom. Penins. India 246, 2008

**marchantiae**

*Helotium marchantiae* (Berk.) Fr., Summa veg. Scand., sect. post. 356, 1849

*Helotium epiphyllum* var. *marchantiae* (Berk.) P. Karsten, Bidr. Känned. Finl. Natur Folk 19: 123, 1871

*Hymenoscyphus marchantiae* (Berk.) Dennis, Persoonia 3: 77, 1964

≡ *Peziza marchantiae* Berk., in Smith, Engl. Fl. 5(2): 204, 1836

Type: On fading *Marchantia hemisphaerica* (= *Reboulia h.*), United Kingdom; holotype: K(M) by Berkeley (Spooner, l. c.) – but not located there

≡ ***Bryoscyphus marchantiae* (Fr.) Spooner**, in Kirk & Spooner, Kew Bull. 38: 560, 1984

**marginatum**

*Helotium marginatum* Clem., Bull. Torrey Bot. Club 30: 88, 1903

Type: On bark of twigs of *Salix*, USA; holotype: ? NY

**maritimum**

*Helotium maritimum* (Roberge ex Desmaz.) Sacc., Syll. fung. 8: 234, 1889

≡ *Peziza maritima* Roberge ex Desmaz., Ann. Sci. Nat., Bot., ser. 3, 3: 366, 1845

Type: On leaves of *Arundo arenarium*, France; syntype: Pl. Crypt. Nord France, ed. 1, 29: 1418, NY 00914720

≡ ***Rutstroemia maritima* (Roberge) Dennis**, Persoonia 3: 52, 1964

**marmolense**

*Helotium marmolense* Speg., Anal. Mus. Nac. B. Aires, Ser. 3 12: 445, 1909

Type: On branches of *Maclura aurantiaca*, Argentina; holotype: LPS

= ***Orbilium carpoboloides* (P. Crouan & H. Crouan) Baral**, Syst. Ascomycetum 13: 120, 1994

Baral (in litt., Oct. 2014) studied the holotype and found it to belong to *O. carpoboloides*.

**megalosporum**

*Helotium megalosporum* Speg., Bol. Acad. Nac. Ci. (Córdoba) 25: 84, 1921

Type: On wood of *Nothofagus obliqua*, Chile; holotype: LPS 28127; isotypes: NY 01179420, NY 01179419 (both noted 'ex LPS, no. 28127') = ***Poculum chlorosplenoides*** [fide Carpenter, Mem. New York Bot. Gard. 33: 200, 1981]

**melleum**

*Helotium melleum* Berk. & Broome, J. Linn. Soc., Bot. 14(74)[1875]: 107, 1873 [B]

Type: On bark, Sri Lanka (Ceylon); K(M) 2 spec. – holotype: Berk. 1127

**melleum**

*Helotium melleum* Berk. & Broome, Ann. Mag. Nat. Hist. 4, 15: 38, 1875

Type: On stems of herbaceous plants, United Kingdom; holotype: K(M)

Homonym of *Helotium melleum* Berk. & Broome (1873). New name: *Helotium fergussonii* ≡ ***Pezoloma fergussonii***

**menthae**

*Helotium menthae* W. Phillips, in W. Phillips & Plowridge, Grevillea 10: 69, 1881

*Hymenoscyphus scutula* var. *menthae* (W. Phill.) W. Phill., Brit. Discomyc. 137, 1887

Type: On dead stems of *Mentha*, United Kingdom; syntype: Elvellacei Brit. 4: 188, K(M) 31758 (marked as isolectotype by Baral)

= ***Hymenoscyphus menthae* (W. Phillips) Baral**, in Baral & Krieglsteiner, Beih. Z. Mykol. 6: 131, 1985

This is the correct name for *H. consobrinus*. *Hymenoscyphus menthae* sensu Baral

(in Baral & Krieglsteiner, Beih. Z. Mykol. 6: 131, 1985) and sensu Hengstmengel (Persoonia 16: 201, 1996) = *Hymenoscyphus macroguttatus* [fide Baral & al., Sydowia 26: 158, 2006]. *Helotium menthae* (Elvellacei Brit. 4: 188, 1877) is an invalid name (without diagnosis).

#### **metrosideri**

*Helotium metrosideri* Dennis, Kew Bull. 15: 306, 1961

*Hymenoscyphus metrosideri* (Dennis) Dennis, Persoonia 3: 78, 1964

Type: On leaves of *Metrosideros* sp., New Zealand; holotype: K(M); isotype: PDD 19040  
≡ ***Lanzia bergrenii* var. *metrosideri* (Dennis) Spooner**, Helot. Australasia 377, 1987

#### **micaceum**

*Helotium micaceum* (Pers.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 149, 1871

*Hymenoscyphus micaceus* (Pers.) Lindau, in Engler & Prantl, Nat. Pflanzenfam. 1(1): 204, 1897

≡ *Peziza micacea* Pers., Mycol. eur. 1: 268, 1822; Fries, Syst. mycol. 2: 105, 1822

Type: On stem of *Carduus nutans*, ? Germany; holotype: L 0054580 (910261317)

≡ ***Psilachnum micaceum* (Pers.) Dennis**, Persoonia 3: 70, 1964

#### **micans**

*Helotium micans* (Saut.) Poetsch & Schiederm., Verh. Zool.-Bot. Ges. Wien, Beih. 48: 160, 1872

*Hymenoscyphus micans* (Sauter) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza micans* Sauter, Flora 24: 380, 1841

Type: On upper side of leaves of *Arabis pumila*, Austria; holotype: envelope in W has no fungus (Keissler, Ann. Nat.-hist. Mus. 31: 95, 1917)

≡ ***Calycella micans* (Saut.) Boud.**, Hist. classific. Discomyc. Europe 96, 1907

#### **microcaudatus**

***Hymenoscyphus microcaudatus* H. D. Zheng & W. Y. Zhuang**, Sci. China Life Sci. 56: 95, 2013

Type: On petioles of rotten leaves, China; holotype: HMAS 264020

#### **microscopicum**

*Helotium microscopicum* (Wallr.) Sacc., Syll. fung. 8: 247, 1889

≡ *Peziza microscopica* Wallr., Fl. crypt. Germ. 2: 471, 1833

Type: On pieces of wood of *Fagus*, Germany; holotype not located

≡ ***Micropodia microscopica* (Wallr.) Boud.**, Hist. classific. Discomyc. Europe 128, 1907

#### **microserotinus**

***Hymenoscyphus microserotinus* (W. Y. Zhuang) W. Y. Zhuang**, in Zhuang & Liu, Mycotaxon 99: 128, 2007

≡ *Lanzia microserotina* W.Y. Zhuang, Mycosystema 8-9: 32, 1996

Type: On herbaceous stems and leaf veins, China; holotype: HMAS 68520

#### **microspermum**

*Helotium microspermum* Speg., Bol. Acad. Nac. Cienc. Córdoba 11(2): 264, 1888

*Hymenoscyphus microspermus* (Speg.) Dennis, Persoonia 3: 78, 1964

Type: On twigs of *Fagus*, Argentina; holotype: LPS 28126; isotypes: NY 01179422, NY 01179421, NY 01179423 (all noted 'ex LPS, no. 28126')

≡ ***Rutstroemia microsperma* (Speg.) Gamundí**, Darwiniana 12: 405, 1962

#### **microspis**

*Helotium microspis* (P. Karst.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 152, 1871

*Hymenoscyphus microspis* [, *microspis*'] (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza microspis* P. Karst., Not. Sällsk. Fauna et Fl. Fenn. Förh. 10: 178 (1869)

Type: On leaves of *Phragmites communis*, Finland; syntype: Karsten, Fungi Fen. exs. 647, S F7851, S F7849

≡ ***Calycellina microspis* (P. Karst.) Dennis**, Trans. Bot. Soc. Edinb., 150<sup>th</sup> annivers. suppl. 45(3): 213, 1989

### **microspora**

#### ***Hymenoscyphus leucopus* var. *microspora***

**Gamundí**, Darwiniana 41: 33, 2003

Type: On fallen dead leaves of *Embothrium coccineum*, Chile; holotype: BCRU 4376

### **microsporium**

*Helotium microsporium* Rodway, Pap. Proc. R. Soc. Tasm. [1920]: 155, 1921

Type: On rotten wood, Australia (Tasmania); holotype: HO [July 1919], isotype K(M) (microslide)

### **microsporum**

*Helotium microsporum* Velen., Monogr.

Discomyc. Boh. 1: 192 [2: pl. 30, fig. 25, pl. 19, fig. 16, 17], 1934

Type: On [stems of] *Verbascum lychnitis*, *Galeopsis versicolor*, *Scutellaria*, *Lysimachia vulgaris*, Czech Rep. (Czechoslovakia); lectotype: PRM 149606 (designat. by Svrček, l. c.); syntype: PRM 147233

= ***Lachnum salicariae* (Rehm) Velen.**,

Monogr. Discomyc. Boh. 1: 252, 1934 [fide Svrček, Sborn. Nár. Mus. Praha 40B: 160, 1985] Homonym of *Helotium microsporium* Rodway (1921)?

### **midlandense**

*Helotium midlandense* W. L. White, Farlowia 1: 605 (fig. 10-13), 1944

Type: On petioles and veins of a larger leaf of *Quercus*, USA; holotype: FH 00433684 (Iowa); paratypes: NY 01179424, NY 01179425 (microslide), NY 01179426

### **milliare**

*Helotium milliare* Velen., Monogr. Discomyc. Boh. 1: 185 (2: pl. 20, fig. 8), 1934

Type: On twigs of *Prunus spinosa* and *Crataegus*, Czech Rep. (Czechoslovakia); syntypes: PRM 147251, PRM 147502, PRM 147361 (on *Crataegus*),

= ***Hymenoscyphus parilis*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 161, 1985]

### **miniatus**

*Helotium miniatus* Pat., in Duss, Enum. Meth.

Champ. Guadeloupe Martinique: 65, 1903

*Hymenoscyphus miniatus* (Pat.) Dennis,

Personia 3: 74, 1964

Type: On decaying bark of *Theobroma cacao*, Guadeloupe (France); holotype: S (gen. coll. *Helotium*, data correspond with the protologue); ? isotypes: NY 01179429, NY 01179428, NY 01179430, NY 01179427 (all tagged as holotype)

= ***Diccephalospora rufocornea*** [fide Baral, 2000]

### **minimus**

*Hymenoscyphus minimus* (Fr.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Peziza minima* Fr., Elench. fung. 2: 13 (1828);

Fries, Elench. fung. 2: 13, 1828

Type: On?, ? Sweden; holotype not located  
≡ ***Pezizella minima* (Fr.) Sacc.**, Syll. fung. 8: 289, 1889

### **minor**

*Helotium ciliatosporum* var. *minor* (Sacc. & Berlese) Boud., Hist. classific. Discomyc. Europe 114, 1907

*Ciboria ciliatospora* var. *minor* Sacc. & Berl., Atti Reale Ist. Veneto Sci. Lett. Arti, ser. 6, 3: 39, 1885

Type: On stems, Italy; holotype: ? PAD Barnes (Trans. Brit. Mycol. Soc. 18: 86, 1933) expressed his doubts that *Helotium ciliatosporus* is conspecific with *H. scutula*.

### **minteri**

***Hymenoscyphus minteri* ['minterii'] M. P.**

**Sharma**, Himalayan Bot. Res. 192, 1991

Type: On rotten stems of monocotyledon, India; holotype: PAN

### **minusculum**

*Helotium stigmaion* f. *minusculum* Rehm, Hedwigia 24: 13, 1885

Type: On leaves of grasses, Austria; syntype: Ascomyceten 16: 767, ? NY 01179531; lectotype: S F11662; isolectotype: S F11663, ?K(M) (Carpenter, l. c.)

= ***Crocicreas gramineum*** [fide Carpenter, Mem. New York Bot. Gard. 33: 114, 1981

### **minusculum**

*Helotium humuli* var. *minusculum* Rehm,  
in Jaap, Verh. bot. Ver. Prov. Brandenb. 52,  
Abhandlungen: 7, 1910  
Type: On stems of *Humulus lupulus*, Germany;  
syntype: Fungi Select. Exsicc. (Jaap & Brick) 15:  
363, S F64080, K(M)  
? = *Hymenoscyphus humuli*  
Specimens S F10617 and S F10618 are in S  
type collection and are tagged as no. 416 but  
are not part of Fungi selecti.

### **minuticarpus**

*Hymenoscyphus minuticarpus* ['*minuti-*  
*carpus*'] M. P. Sharma, in Khullar & M.  
P. Sharma, Himalayan Bot. Res. 191,  
1991  
Type: On dead twigs, India; holotype: PAN

### **minutissimum**

*Helotium minutissimum* P. Karst. & Starbäck,  
Hedwigia 26:124, 1887  
*Hymenoscyphus minutissimus* (P. Karst. &  
Starbäck) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
Type: On decaying leaves of *Comarum*  
*palustre*, Finland; holotype: ? H, S F76306 (as  
*Helotium minutissimum*), S F76307 (as *Mollisia*  
*minutissima*)  
≡ ***Pezizella minutissima* (P. Karst. &  
Starbäck) Sacc.**, Syll. fung 8: 377, 1889

### **minutulum**

*Helotium minutulum* (Sacc.) Boud., Hist. classific.  
Discomyc. Europe 112, 1907  
≡ *Phialea minutula* Sacc., Malpighia 11: 268,  
1897  
Type: On dead stems of *Cirsium*, Italy;  
holotype: ? PAD

### **mirabile**

*Helotium mirabile* Velen., Monogr. Discomyc.  
Boh. 1: 195 [2: pl. 19, fig. 2], 1934  
***Hymenoscyphus mirabilis* (Velen.) Svrček**,  
Sborn. Nár. Mus. Praha 40B: 161, 1985  
Type: On trunk of *Pinus*, Czech Rep.  
(Czechoslovakia); holotype: PRM 148244;  
isotype: K(M)

### **miserrimum**

*Helotium miserrimum* P. Karst., Not. Sällsk.  
Fauna Fl. Fenn. Förh. 11: 215, 1871  
Type: On rotten leaves of *Acer platanoides*,  
Finland; holotype: ? H  
? = *Hymenoscyphus caudatus* (Arendholz,  
Morph.-taxon. Unters. Ascom. 83, 1979)

### **miserum**

*Helotium miserum* Berk. & M. A. Curtis, in  
Berkeley, J. Linn. Soc., Bot. 10: 369, 1869  
Type: On bark amongst moss, Cuba; holotype:  
K(M); isotype: CUP D-03526

### **molle**

*Helotium molle* Rodway, Pap. Proc. Roy. Soc.  
Tasmania 1924: 103, 1925  
Type: On ?, Australia (Tasmania); holotype: HO  
32525; isotype: K(M)

### **monachorum**

*Helotium monachorum* Velen., Monogr.  
Discomyc. Boh. 1: 197 {2: pl. 19, fig.15}, 1934  
Type: On decaying needles of *Larix*, Czech Rep.  
(Czechoslovakia); holotype: PRM 147542  
= ***Ombrophila morthieriana* Rehm**, in  
Thümen, Mycoth. Univ. 14: 1312, 1878 [fide  
Svrček, Sborn. Nár. Mus. Praha 40B: 161, 1985]

### **moniliferum**

*Helotium moniliferum* (Fuckel) Rehm, Pilze  
Deutschl., Hyster. Discomyc. 790, 1893  
*Hymenoscyphus moniliferus* (Fuckel) W. Phillips,  
Brit. Discomyc. 130, 1887  
= ***Bisporella pallescens*** [fide Korf & Carpenter,  
Mycotaxon 1: 58, 1974]  
*Helotium moniliferum* by Massee (Brit. fung.-fl.  
4: 249, 1895) is a superfluous name.

### **monotropae**

*Hymenoscyphus monotropae* Kernan &  
Finocchio, Mycologia 75: 916, 1983  
Type: In association with roots of *Monotropa*  
*uniflora*, USA; holotype: CUP 059846  
≡ ***Rhizoscyphus monotropae* (Kernan &  
Finocchio) W. Y. Zhuang**, in Zhang & Zhuang,  
Nova Hedwigia 78: 482, 2004

**montaniense**

*Helotium montaniense* Ellis & Anderson, Bot. Gaz. 16: 45, 1891

***Hymenoscyphus montaniensis* (Ellis & Anderson) Dennis**, Persoonia 3: 54, 1964

Type: On decaying sticks and wood in wet places, USA; holotype: NY 830298; isotypes: NY 830297, K(M)

**montelicum**

*Helotium montelicum* Sacc. Syll. fung. 8: 232, 1889

New name for *Helotium macrosporum* Sacc. (1882), a homonym of *Helotium macrosporum* Peck (1874).

≡ ***Pachydisca montellica* (Sacc.) Boud.**, Hist. classific. Discomyc. Europe 94, 1907

**monticola**

*Helotium monticola* Berk., Grevillea 4: 1, 1875

*Hymenoscyphus monticola* (Berk.) Baral, Fl. Medit. 15: 67, 2005

Type: On dead wood wood, USA; holotype: NY 01179432; isotypes: CUP D-03534, NY 01179433 and NY 01179434 (both microslides) Issued also in N. Amer. Fungi 8: 751.

≡ ***Phaeohelotium monticola* (Berk.) Dennis**, Persoonia 3: 54, 1964

**moravicum**

*Helotium moravicum* Picb., Verh. nat. Ver. Brünn 48: 32, 1937

Type: On decaying wood, Czech Rep. (Czechoslovakia); holotype missing in BRNM

**morieri**

*Hymenoscyphus morieri* (Gillet) Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Helotium morieri* (Gillet) Boud., Hist. classific. Discomyc. Europe 112, 1907

Type: On various grasses and herbs, France; holotype not located

**mougeotii**

*Helotium mougeotii* (Pers.) Sacc., Syll. fung. 8: 227, 1889

≡ *Peziza mougeotii* Pers., Mycol. Europ. 289, pl. 12, fig. 5; Fries, Syst. mycol. 2: 135, 1822

Type: On soil, France (Vogesia); holotype not located (Carpenter. Mem. New York Bot. Gard. 33: 234, 1981); ? type: L 0116900 (910261319) ≡ ***Humaria mougeotii* (Pers.) Boud.**, Hist. classific. Discomyc. Europe 67, 1907

**multicolor**

*Helotium cyathoideum* var. *multicolor* (P. Karst.) P. Karst., Bidr. Känned. Finl. Nat. Folk 19: 137, 1871

≡ *Peziza cyathoidea* var. *multicolor* P. Karst., Not. Sällsk. Fauna Fl. Finn. Förh, 10: 137, 1869

Type: On stems of *Ranunculus acris*, Finland; holotype: ? H

= ***Crocicreas starbaeckii*** [fide Carpenter, Mem. New York Bot. Gard. 33: 173, 1981]

**mundula**

*Helotium mundulum* (Lasch) Rehm, Pilze Deutschl., Hyster. Discomyc. 1236, 1896

≡ *Peziza mundula* Lasch, in Rabenhorst, Klotzsch. Herb. Vivum Mycol. Sistems Fungorum German. 13: 1530, 1849

Type: On stems of *Athyrium filix-femina*, Germany; syntype: Klotzsch. Herb. Vivum Mycol. Sistems Fungorum German. 13: 1530, K(M)

**muricatum**

*Helotium muricatum* Velen., Opera Bot. Čech. 4: 123, 1947

Type: On *Carex muricata* and *C. hirta*, Czech Rep. (Czechoslovakia); holotype: PRM 148198

≡ ***Conchatium muricatum* (Velen.) Svrček**, Sborn. Nar. Muz. Praha 40B: 162, 1985

**musicola**

*Belonidium sclerogenum* var. *musicola* Dennis, Kew Bull. 13[1958]: 461, 1959

***Hymenoscyphus musicola* (Dennis) Dennis**, Persoonia 2: 190, 1962

Type: On *Musa sapientum*, Bolivia; holotype: K(M)

Dumont (Mycotaxon 12: 356, 1981) agreed with the placement in *Hymenoscyphus* but the holotype is noted as *Lanzia* (Carpenter & Dumont 29-VII-1977).



### **musicola**

*Helotium musicola* Speg., Anal. Mus. Nac. Hist. Nat. Buenos Aires, Ser. 3, 12: 446, 1909  
Type: On leaves and petioles of *Musa*, Argentina; holotype: LPS 24441  
≡ ***Coronellaria musicola* (Speg.) Dennis**, Kew Bull. 9(2): 292, 1954

### **mussooriensis**

*Helotium mussooriensis* Thind & Saini, Mycologia 59: 469, fig. 2, 1967  
***Hymenoscyphus mussooriensis* (Thind & Saini) Thind & P. M. Sharna**, Nova Hedwigia 32: 130, 1980  
Type: On fallen decaying twigs, India; holotype: PAN, isotype K(M)

### **mycetophilum**

*Helotium mycetophilum* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 43[1889]: 33, Oct. 1890  
***Hymenoscyphus mycetophilus* (Peck) Svrček**, Čes. Mykol. 31: 37, 1977  
Type: On old sporophore of *Fomes fomentarius*, USA; holotype: NYS f002035

### **mycophilus**

*Hymenoscyphus mycophilus* (Fr.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza mycophila* Fr., Observ. mycol. 1: 164, 1815; Fries, Syst. mycol. 2: 144, 1822  
Type: On *Russula adusta* ('*Agaricus adustus*'), ? Sweden; holotype not located  
The name was probably first used in Fries' dissertation *Novitiae florae Suecicae* (Lund, 1814).

### **myriadeum**

*Helotium myriadeum* P. Karst., Hedwigia 35: 46, 1896  
Type: On bark of *Populus tremula*, Finland; holotype: ? H

### **myricae**

*Hymenoscyphus myricae* (Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ ***Pezizella myricae* Rehm**, Pilze Deutschl., Hyster. Discomyc. 665, 1892

Type: On leaves of *Myrica cerifera*, Germany (Lusatia); holotype: S F9734 (Muskau, Sydow); ? orig. mat.: S F91905, S F91907 (gen. coll. *Helotium*)

Issued also in Mycoth. Marchica 29: 2844 (S F9733 & S F9734).

### **myrtilli**

*Helotium myrtilli* Velen., Monogr. Discomyc. Boh. 1: 191 (2: pl. 20, fig. 33), 1934  
***Hymenoscyphus myrtilli* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 162, 1985  
Type: On roots of *Vaccinium myrtillus*, Czech Rep. (Czechoslovakia); holotype: PRM 148914

### **myrtillinum**

*Helotium myrtillinum* P. Karst., Fungi Fenniae Exsicc. 9: 827, 1869  
Type: On stems of *Vaccinium myrtillus* (= *Myrtillus nigra*), Finland; holotype: ? H  
≡ ***Pezicula myrtillina* (P. Karst.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 165, 1871**

### **nainitalensis**

***Hymenoscyphus nainitalensis* M. P. Sharma**, in Khullar & M. P. Sharma, Himalayan Bot. Res. 185, 1991  
Type: On dead twigs of an angiosperm, India; holotype: PAN; isotype ? CUP

### **nanum**

*Helotium nanum* Sacc., Atti Soc. venet.-trent. Sci. nat. 4(1): 136, 1875  
Type: On stem of *Galeobdolon*, *Senecio nemorensis*, *S. dulcamara*, Italy; holotype: ? PAD  
≡ ***Allophylaria nana* (Sacc.) Sacc.**, Syll. fung. 8: 309, 1889

### **nanum**

*Helotium ferrugineum* var. *nanum* (Hedw.) Sacc., Syll. fung. 8: 233, 1889  
≡ *Octospora nana* Hedw., Descr. micr.-anal. musc. frond. 2: 29 [pl. 9, fig. A], 1789; Fries, Syst. mycol. 2: 134, 1822  
Type: On soil, Germany; holotype: ? illustration by Hedwig  
? = *Calycella ferruginea*

### **nardi**

*Helotium nardi* Velen., Monogr. Discomyc. Boh. 1: 199, 1934

Type: On leaves of *Nardus*, Czech Rep. (Czechoslovakia); holotype: PRM 147515

≡ ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 162, 1985]

### **naviculaesporum**

*Helotium naviculaesporum* ('*naviculasporum*') Ellis, Bull. Torey Bot. Club 5(11): 46, Nov. 1874

Type: On old leaves decaying in stagnant water, USA; syntype: N. Amer. Fungi, ser. 1, 62, K(M), MICH 14181; S F - 3 spec. - probably original material (ex herb. Rehm)

≡ ***Hymenoscyphus caudatus*** [fide Lizoň, Mycotaxon 45: 12, 1992]

### **nectriella**

*Helotium nectriella* P. Karst., Hedwigia 23:88, 1884 [B]

*Hymenoscyphus nectriella* (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

Type: On dry stems of *Solanum tuberosum*, Finland; holotype: ? H

≡ ***Pezizella nectriella*** (P. Karst.) Sacc., Syll. fung. 8: 282, 1889

### **neesii**

*Helotium neesii* (Saut.) Sacc., Syll. fung. 8: 210, 1889

≡ *Peziza neesii* Saut., Flora 24: 312, 1841

Type: On bark of *Alnus*; holotype: envelope at W has no fungus (Keissler, Ann. Nat-hist. Mus. 31: 96, 1917)

≡ ***Ombrophila neesii*** (Saut.) Boud., Hist. classific. Discomyc. Europe 92, 1907

### **nemorosum**

*Helotium nemorosum* P. Crouan & H. Crouan, Fl. Finistère 47, 1867

Type: On ground, France; holotype: CO

This is a pyrenomycete, probably a member of *Ophionectria* (Le Gal, Rev. Mycol. 18: 128, 1953).

### **neptuni**

*Helotium neptuni* Velen., Monogr. Discomyc. Boh. 1: 195 (2: pl. 19, fig. 23, 24), 1934

Type: On needles of *Picea*, Czech Rep. (Czechoslovakia); holotype: PRM 148212

≡ ***Conchatium neptuni*** (Velen.) Svrček, Sborn. Nár. Mus. Praha 40B(3-4)[1984]: 163, 1985

### **nervicolum**

*Helotium nervicolum* Velen., Monogr. Boh. 1: 206, 1934

Type: On veins of leaves of *Quercus*, Czech Rep. (Czechoslovakia); holotype: PRM 147550

≡ ***Allophylaria nervicola*** (Velen.) Baral, Mycotaxon 44: 337, 1992

### **nigrescens**

*Helotium nigrescens* (Cooke) Rehm, Ber. Naturh. Ver. Augsburg. 26: 77, 1881

≡ *Peziza nigrescens* Cooke, Bull. Buffalo Soc. Nat. Sci. 2: 295, 1875

Type: On stems of *Erigeron* sp., USA; lectotype: K(M) (designat. by Carpenter, Mem. New York Bot. Gard. 33: 144, 1981); isolectotype: CUP D-03744,

≡ ***Crocicereas nigrescens*** (Cooke) S. E. Carp., Brittonia 32: 271, 1980

### **nigripes**

*Helotium nigripes* (Schumach.) Pers., Mycol. eur. 1: 344, 1822

*Hymenoscyphus nigripes* (Schumach.) J. Schröt., Pilze Schles. 3(2): 72, 1893

≡ *Helvella nigripes* Schumach., Enum. pl. 2: 412, 1803

Type: On rotten plant debris, Denmark; holotype not located (Carpenter, Mem. New York Bot. Gard. 33: 235, 1981)

### **nigripes**

*Helotium nigripes* (Pers.) Fr., Summa veg. Scand., sect. post. 356, 1849

≡ *Peziza nigripes* Pers., Syn. Meth. fung. 2: 661, 1801; Fries, Syst. mycol. 2: 132, 1822

Type: On trunks, ?; holotype not located

≡ ***Ombrophila nigripes*** (Pers.) Boud., Hist. classific. Discomyc. Europe 93, 1907

Homonym of *Helotium nigripes* (Schumach.) Pers. (1822).

### **nigritulum**

*Helotium nigritulum* (Rehm) Boud., Hist. classific. Discomyc. Europe 115, 1907

≡ *Phialea nigritula* Rehm, Pilze Deutschl., Hyster. Discomyc. 1233, 1896

Type: On needles of *Pinus sylvestris*, Germany (Winterberg in Sachsen, Wagner); holotype: S F12074 (corresponds with the protologue!); S F9519

*Helotium nigritulum* by Boudier is not based on *Phacidium nigritulum* Rehm (Hedwigia 39: 80, 1900)!

### **nigrofuscus**

*Hymenoscyphus nigrofuscus* (Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Helotium nigrofuscum* (Rehm) Boud., Hist. classific. Discomyc. Europe 115, 1907

≡ *Phialea nigrofusca* Rehm, Rabenh. Krypt.-Fl. 1(3): 731, 1893

Type: On stems, Austria; holotype: S F11674

≡ ***Crocicreas nigrofuscum* (Rehm) S. E. Carp.,** Brittonia 32: 271, 1980

### **nigromaculatus**

*Hymenoscyphus nigromaculatus* ['*nigromaculatum*'] Earle, Bull. New York Bot. Gard. 2: 338, 1902

*Helotium nigromaculatum* (Earle) Seaver, N. Amer. Cup-fung. Inoperc. 123, 1951

Type: On languishing leaves of *Iris* sp., USA: holotype: NY 01179484; isotypes: NY 01179483, BPI 662638, BPI 662637, TENN 012029

It is a member of *Dermateaceae* (Carpenter, Mem. New York Bot. Gard. 33: 236, 1981).

### **nipteroides**

*Helotium nipteroides* Speg., Bol. Acad. Nac. Cienc. Córdoba 11(2): 264, 1888

Type: On trunk of *Fagus*, Argentina; holotype: LPS 28125 or BPI 737536

≡ ***Pseudohelotium nipteroides* (Speg.) Sacc.,** Syll. fung. 8: 298, 1889

### **nitens**

*Helotium nitens* E. K. Cash, Mycologia 28: 251 [fig. 5], 1936

Type: On wood of *Arctostaphylos tracyi*, USA; holotype: BPI 655136

≡ ***Calloria nitens* (E. K. Cash) Seaver,** N. Amer. Cup-fung. Inoperc. 165, 1951

### **nitidulum**

***Hymenoscyphus nitidulus* (Berk. & Broome) W. Phillips,** Man. Brit. Discomyc. 142, 1887

*Helotium nitidulum* (Berk. & Broome) Masee, Brit. fung.-fl. 4: 263, 1895

≡ *Peziza nitidula* Berk. & Broome, Ann. Mag. Nat. Hist., ser. 2, 7: 182, 1851

Type: On grass, United Kingdom; holotype: K (M) 31110

### **nivellum**

*Helotium cyathoideum* subsp. *nivellum* P. Karst., Not. Sälls. Fauna Fl. Förh. 11: 237, 1870

*Helotium dolosellum* var. *nivellum* (P. Karst.) Boud., Hist. classific. Discomyc. Europe 112, 1907

Type: On *Carex ampullacea*, Finland; lectotype: H Karsten 2075 (designat. by Carpenter, Mem. New York Bot. Gard. 33: 152, 1981)

≡ ***Crocicreas nivellum* (P. Karst.) S. E. Carp.,** Brittonia 32: 271, 1980

### **niveum**

*Helotium niveum* Velen., Opera Bot. Čech. 4: 119, 1947

Type: On twigs of *Quercus*, Czech Rep. (Czechoslovakia); holotype: PRM 148082 = *Hymenoscyphus vernus* [fide Svrček, Sborn. Nár. Mus. Praha 40B: 163, 1985]

≡ ***Phaeohelotium vernum***

Homonym of *Helotium niveum* P. Crouan & H. Crouan (1867).

### **niveum**

*Helotium niveum* P. Crouan & H. Crouan, Fl. Finistère 47, 1867

Type: On *Jungermania albicans*; holotype: ? CO

≡ ***Mniaecia nivea* (P. Crouan & H. Crouan) Boud.,** Icon. Mycol. 1: [4], 1904

### **niveum**

*Helotium niveum* Kirschst., Verh. bot. Ver. Prov. Brandenb. 48[1906]: 44, 1907

Type: On rotten leaves of *Pinus*, Germany; holotype not located  
Homonym of *Helotium niveum* P. Crouan & H. Crouan (1867).

### **norvegularis**

***Hymenoscyphus norvegularis* Döbbele**, in Laursen & al., Alpine and Arctic Mycology 2: 98, 1987

Type: On leaves of *Polytrichum sexangulare*, Austria; holotype: ? M

*Hymenoscyphus norvegularis* Döbbele (Sydowia 38: 51, 1985) is a nomen nudum.

### **novaezelandiae**

*Helotium novaezelandiae* ['*novae-zelandiae*'] Dennis, Kew Bull. 15: 307, 1961

Type: On decorticated twig, New Zealand;; holotype: K(M); isotype: PDD 19039

≡ ***Lanzia novae-zelandiae* ['*novae-zelandiae*'] (Dennis) J. A. Simpson & Grgur.**, Australasian Mycol. 22: 14, 2003  
Presented as new variety *Lanzia prasina* ['*prasinum*'] var. *nigripes* by Spooner (Helot. Australasia 350, 1987).

### **novembris**

*Helotium novembris* Velen., Monogr. Discomyc. Boh. 1: 195, 1934

Type: On twig of *Juniperus communis*, Czech Rep. (Czechoslovakia); holotype: PRM 147435

### **novum**

*Helotium novum* Velen., Monogr. Discomyc. Boh. 1: 204 (2: pl. 20, fig. 37), 1934

Type: On leaves, Czech Rep. (Czechoslovakia); lectotype: PRM 149549 (on leaves of *Vaccinium myrtillus*, designat. by Svrček, l. c.); syntype: PRM 148046

= ***Hymenoscyphus epiphyllus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 164, 1985]

### **nubilipes**

*Helotium nubilipes* Boud., Hist. classif. Discomyc. Europe 111, 1907

***Hymenoscyphus nubilipes* (Boud.) Gamundí**, in Gamundí, Arambarri & Bucsinszky, Darwiniana 22: 213, 1979 [fide]

Type: On rotten stems of *Cirsium oleraceum*, France; holotype: ? PC

### **nudipes**

*Helotium nudipes* (Fuckel) Sacc., Michelia 2: 612, 1882

≡ *Peziza nudipes* Fuckel, Jahrb. Nassau. Ver. Naturk. 23-24: 306, 1870

Type: On dry stems of *Spiraea ulmaria*, Germany; syntype: Fungi Rhenani Exsicc. sup. fasc. 4: 1863, S F6389

≡ ***Lachnum nudipes* (Fuckel) Nannf.**, Svensk bot. Tidskr. 22: 124, 1928

### **nudum**

*Helotium nudum* Velen., Opera Bot. Čech. 4: 118, 1947

***Hymenoscyphus nudus* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 164, 1985

Type: On root of *Carpinus*, Czech Rep. (Czechoslovakia); holotype: PRM 148195  
Homonym of *Helotium nudum* (W. Phillips) Masee (1895).

### **nudum**

*Helotium nudum* (W. Phillips) Masee, Brit. fung.-fl. 4: 498, 1895

*Hymenoscyphus nudus* (W. Phillips) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza nuda* W. Phillips, in W. Phillips & Plowr., Grevillea 8: 101, 1881 (March)

Type: On the ground amongst moss, United Kingdom; holotype: ? K(M)

≡ ***Lachnum pygmaeum*** [fide White, Amer. Midl. Natur. 28: 516, 1942]

The species is cited as "*P. (Dasyscypha?) nuda* Phill. Grevillea, viii. p. 101" in Scott. Natural. 6: 124, 1881 (July) by J. Stevenson.

### **nummiforme**

*Helotium nummiforme* Pat. Mém. Acad. Malgache 6: 37, 1928

Type: On rotten leaves, Madagascar; holotype: PC; isotypes: NY 00899889 and NY 00899890 (noted 'ex PC'), NY 00899888 (microslide)

≡ ***Rutstroemia nummiformis* (Pat.) Le Gal**, Discomyc. Madagascar 322, 1953

### **nyssicola**

*Helotium nyssicola* Seaver, Mycologia 30: 79, fig. 1, 1938

Type: On seeds of *Nyssa sylvatica*, USA;

holotype: NY - originally 2 specimens but missing there now

= ***Hymenoscyphus fructigenus*** [fide Dennis, Persoonia 3: 57, 1964]

### **nyssogenum**

'*Helotium nyssogenum* Ellis'

≡ *Peziza nyssogena* ['*nyssaegena*'] Ellis, Bull.

Torrey bot. Club 8: 73, 1881

Type: On fruit of *Nyssa multiflora*, USA;

syntype: N. Amer. Fungi 4: 389

≡ ***Ciboria nyssogena* (Ellis) Sacc., Syll.**

fung. 8: 207, 1889 [Dennis, Persoonia 3: 57, 1964]

"*Helotium nyssogenum* Ellis Torrey Cl. 1881, p. 73" cited by Saccardo (l. c.) does not exist.

### **obconicum**

*Helotium obconicum* Höhn., Sitzungsber.

Kaiserl. Akad. Wiss., Math.-Naturwiss. Cl., Abt.

1, 118: 115, 1909 [B]

Type: On wood, Indonesia (Java); holotype: ?

FH; isotypes: NY 01179442 (microslide), K(M)

### **obesum**

*Helotium serotinum* var. *obesum* Bres., in

Schulzer, Hedwigia 24: 150, 1885

Type: On leaves and wood of *Quercus*, Croatia (Slavonia); holotype not located in S

As pointed out by Baral & Bemann (Ascomycete.org. 5: 118, 2013) close relation to *Hymenoscyphus serotinus* seems improbable since the spores were described as oblong, subfusiform, 14–16 × 3 µm, apparently straight.

### **obliquum**

*Helotium obliquum* Velen, Monogr. Discomyc.

Boh. 1: 407, 1934

Type: On *Lycopus europaeus*, Czech Rep.;

holotype: PRM 147492

= ***Phaeohelotium imberbe*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 165, 1985]

### **oblongisporum**

*Helotium conscriptum* var. *oblongisporum*

Rehm, in Syd., Ann. Mycol. 5:397 1907

Type: On rotting branches of *Salix cinerea*,

Germany; syntype: Mycoth. Germ. 13: 601,

S F64055, S F56073, S F64056, CUP Mycoth.

Germ. 0601, FH 00433665, FH 00433663, BPI,

MICH 14176, BPI 654419, BPI 654418, BPI

654416, BPI 654417, S F64057 (ex herb. Rehm:

Buch bei Bernau, 25. II. 1906)

? = *Hymenoscyphus calyculus* sensu Dennis

### **obscuratus**

***Hymenoscyphus obscuratus* Thind & H.**

**Singh**, Trans. Brit. Mycol. Soc. 59: 526 [fig. 3], 1972

Type: On herbaceous stems, India; holotype:

PAN-3115; isotype: K(M)

### **obscurum**

'*Helotium obscurum* Masee & Morgan'

On dead petiols, USA; NY 118431

Name was listed in NY Virtual fungarium

and some on-line databases but it was never validly published.

### **obtusum**

*Helotium obtusum* Velen., Monogr. Discomyc.

Boh. 1: 192 [2: pl. 30, fig. 24], 1934

***Hymenoscyphus obtusum* (Velen.) Svrček,**

Sborn. Nár. Mus. Praha 40B: 166, 1985

Type: On twigs of *Populus*, *Salix*, *Ligustrum*,

samaras of *Acer*, stems of *Lupinus*, *Verbascum*,

*Scabiosa*, *Poterium*, *Gallium*, *Stellaria*, Czech

Rep. (Czechoslovakia); lectotype: PRM 147231

(designat. by Svrček, l. c.); syntypes: PRM

147491, PRM 147758, PRM 149732

### **occultatus**

***Hymenoscyphus occultatus* (Rehm) Kuntze,**

Revis. gen. pl. 3(2): 485, 1898

*Helotium occultatum* (Rehm) Boud., Hist. Class.

Discomyc. 112, 1907

≡ *Phialea occultata* Rehm, Pilze Deutschl.,

Hyster. Discomyc. 712, 1892

Type: On dead twigs of *Sarothamnus scoparius*,

Germany; holotype: S F91988

### **ochracea**

*Helotium tuba* var. *ochracea* Berk. & Broome., Ann. Mag. Nat. Hist., ser. 4, 15: 38, 1875  
*Hymenoscyphus tuba* var. *ochraceus* W. Phillips, Man. Brit. Discomyc. 126, 1887  
Type: On a heap of decaying vegetables, United Kingdom; holotype: K(M)  
*Ciboria ochracea* (Berk. & Broome) Masee, Brit. fung.-fl. 4: 276,  
= ***Lachnum pygmaeum*** [fide Nannfeldt, Trans. Brit. Mycol. Soc. 23: 240, 1939]

### **ochraceum**

*Helotium constantini* ['*Constantini*'] var. *ochraceum* Velen., Monogr. Discomyc. Boh. 1: 202, 1934  
Type: On *Juncus lamprocarpus* (= *Juncus articulatus*), Czech Rep. (Czechoslovakia); holotype: PRM 147224  
= ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 140, 1985]

### **ochraceum**

*Helotium ochraceum* Boud., in Hariot, Miss. Sci. Cap Horn, Champ. 192, 1889  
Type: On dry leaves of *Fagus betuloides*, Chile (Patagonia); holotype: ? PC  
= ***Cudoniella clavus*** [fide Gamundi & al., Darwiniana 42: 93, 2003]  
Homonym of *Helotium ochraceum* (Grev.) Berk. (1860). *Helotium boudieri* Sacc. (Syll. fung. (Abellini) 10: 7, 1892) is a new name for this species.

### **ochraceum**

*Helotium ochraceum* (Grev.) Berk., Outl. Brit. fung. 372, 1860  
≡ *Peziza ochracea* Grev., Scott. crypt. fl. (Edinburgh) pl. 5, 1823  
Type: On bark, United Kingdom; holotype not located  
≡ ***Pachydisca ochracea* (Grev.) Boud.**, Hist. classif. Discomyc. Europe 93, 1907

### **octobrinum**

*Helotium octobrinum* Velen., Opera Bot. Čech. 4: 122, 1947  
Type: On stems of *Helianthemum*, Czech Rep.

(Czechoslovakia); holotype: PRM 148026  
= ***Hymenoscyphus euphorbiae*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 166, 1985]

### **oenotherae**

*Helotium oenotherae* (Cooke & Ellis) Höhn., Mitt. Bot. Inst. TH Wien 3(3): 105, 1926  
*Hymenoscyphus oenotherae* (Cooke & Ellis) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza oenotherae* Cooke & Ellis, Grevillea 6: 90, 1878  
Type: On *Oenothera*, USA; holotype: ? K(M)  
≡ ***Discohainesia oenotherae* (Cooke & Ellis) Nannf.**, Nova Acta Soc. Sci. Upsal., ser. 4, 8(2): 88, 1932

### **ombrophilaeformis**

***Hymenoscyphus ombrophilaeformis* Svrček**, Čes. Mykol. 31: 11-13, 1977  
Type: On trunk lying in a stream, Slovakia (Czechoslovakia); holotype: PRM 799372

### **ombrophiloides**

*Helotium ombrophiloides* Rick, Brotéria, ser. Bot., 25: 109, 1931  
Type: On soil mixed with plant debris, Brazil; holotype missing in PACA

### **ononidis**

'*Helotium glanduliforme* f. *ononidis* Rehm'  
'Lectotype': On twigs of *Ononis spinosa*, Germany, S (holotype coll of *Hel. glanduliforme* f. *glanduliforme*; designat. by Carpenter, l. c.)  
The name is cited by Carpenter (Mem. New York Bot. Gard. 33: 78, 1981) but in Hedwigia 20: 35, 1881 is presented only f. *bartsiae* with a note "exs.: Rehm Ascomyc. 255 (auf *Ononis*)."

### **ostruthii**

*Helotium ostruthii* (Saut.) Saut, Mitt. Ges. Salzburg. Landesk. 6: 47, 1866  
≡ *Peziza ostruthii* Saut., Flora 24: 312, 1841  
Type: On decayed stems of *Imperatoria ostruthium*, Austria; holotype: W  
= *Helotium herbarum* [fide Keissler, Ann. Nat-hist. Mus. 31: 99, 1917] ≡ ***Hymenoscyphus herbarum***

### **pallescens**

*Helotium pallescens* (Pers.) Fr., Summa veg. Scand., sect. post. 355, 1849  
*Helotium citrinum* var. *pallescens* (Pers.) Masee, Brit. fung.-fl. 4: 239, 1895  
≡ *Peziza pallescens* Pers., Obs. Mycol. 2: 85, 1799; Fries, Syst. mycol. 2: 132, 1822  
Type: On ?, Germany; neotype: L 0111686 (910256842) (designat. by Korf & Carpenter, Mycotaxon 1: 56, 1974)  
≡ ***Bisporella pallescens* (Pers.) Carpenter & Korf**, in Korf & Carpenter, Mycotaxon 1: 58, 1974

### **pallideroseus**

*Hymenoscyphus pallideroseus* (Saut.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza palliderosea* ['*pallide-rosea*'] Saut., Hedwigia 15: 150, 1876  
Type: On stems of grasses, Austria; holotype: the specimen at W has sterile apothecia (Keissler, Ann. Nat.-hist. Mus. 31: 99, 1917)

### **pallidesubolivaceum**

*Helotium pallidesubolivaceum* ['*pallide-subolivaceum*'] Svrček, Čes. Mykol. 12: 228, 1958

***Hymenoscyphus pallidesubolivaceus* ['*pallide-subolivaceus*'] (Svrček) Lizoň**, Mycotaxon 44: 321, 1992

Type: On needles of conifers, Slovakia (Czechoslovakia); holotype: PRM 586641

### **pallidius**

*Helotium cacaliae* subsp. *pallidius* Sacc., Michelia 2: 329, 1881  
*Helotium cacaliae* var. *pallidius* ["*pallidior*"] (Sacc.) Boud., Hist. classif. Discomyc. Europe 114, 1907  
Type: On stem of *Amaranthus blitii*, Italy; holotype: PAD (Carpenter, l. c.), isotype: NY 01169380 (tagged as holotype)  
= ***Crocicreas cyathoideum* var. *cacaliae*** [fide Carpenter (Mem. New York Bot. Gard. 33: 78, 1981)]

### **pallidoroseus**

*Hymenoscyphus pallidoroseus* ['*pallideroseus*'] (Saut.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Helotium pallidoroseum* ['*pallide-roseum*'] (Saut.) Boud., Hist. classif. Discomyc. Europe 112, 1907  
≡ *Peziza pallidorosea* ['*palliderosea*'] Saut., Hedwigia 15: 150, 1876  
Type: On stems of *Juncus* (Moorgräben), Austria; holotype: W

### **pallidostriatum**

*Helotium vitellinum* var. *pallidostriatum* Fairman, J. Mycol. 10: 231, 1904  
≡ *Phialea vitellina* var. *pallidostriata* (Fairman) Sacc., & D. Sacc., Syll. fung. 18: 56, 1906  
Type: On fallen petioles, USA; holotype: CUP D-01860  
= *Poculum fraternum* [fide Carpenter, Mem. New York Bot. Gard. 33: 239, 1981] ≡  
***Hymenoscyphus fraternus***

### **pallidovirescens**

*Helotium pallidovirens* ['*pallido-virescens*'] (W. Phillips) Lambotte, Fl. mycol. belge, suppl.1: 311, 1887  
≡ *Peziza pallidovirescens* ['*pallido-virescens*'] W. Phillips, Grevillea 6: 24, 1877  
Type: On dead twigs and petioles of *Acer*, UK; syntype: Elvellacei Brit. 3: 122  
= *Hymenoscyphus luteovirescens* [fide Phillis, Man. Brit. Discom. 121, 1887] ≡ ***Lanzia luteovirescens***

### **pallidulum**

*Helotium pallidulum* Sacc., Atti Soc. venet.-trent. Sci. nat. 4(1): 136, 1875  
Type: On decorticated twigs of *Fagus*, Italy; holotype: ? PAD

### **pallidum**

'*Helotium citrinum* var. *pallidum* Cooke', Grevillea 8: 63, 1879 – nom. nud.  
On ?, New Zealand; specimen not located

### **pallidum**

*Helotium epiphyllum* f. *pallidum* P. Karst., in Rehm, Pilze Deutschl., Hyster. Discomyc. 796 (1893)  
Type: On decaying leaves of *Vaccinium myrtillus*, Germany, Italy, on fallen foliage of

*Fagus*, Germany; holotype not located  
? = *Phaeohelotium epiphyllum*

### paludinum

*Hymenoscyphus paludinum* ['paludum'] (Quél.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Phialea paludina* Quél., Compt. Rend. Assoc. Franc. Avancem. Sci. 14: 452, 1886  
Type: On twigs and rotten leaves in a moore, France; holotype not located  
≡ ***Ombrophila paludina* (Quél.) Boud.**, Hist. classif. Discomyc. Europe 92, 1907

### paludosum

*Helotium paludosum* Velen., Monogr. Discomyc. Boh. 1: 193, 1934  
Type: On stems, Czech Rep. (Czechoslovakia); lectotype: PRM 149654 (designat. by Svrček, l. c., on *Cicerbita alpina*)  
≡ ***Allophylaria paludosa* (Velen.) Svrček** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 167, 1985]

### paludosum

*Helotium hylocomii* var. *paludosum*, Velen., Monogr. Discomyc. Boh. 1: 208, 1934  
Type: On *Equisetum variegatum*, *Hypnum* sp., Czech Rep.; holotype: PRM 148877  
= ***Allophylaria paludosa*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 152, 167, 1985]

### palustre

*Helotium palustre* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 32: 48. 1879  
Type: On decaying leaves, USA; holotype: NYS f002246  
= *Ombrophila clavus* (Alb. & Schwein.) Cooke, Grevillea 8: 84, 1880 [fide White, Mycologia 34: 178, 1942] ≡ ***Cudoniella clavus***

### palustris

*Hymenoscyphus palustris* (Saut.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
*Helotium palustris* (Saut.) Boud., Hist. classif. Discomyc. Europe 112, 1907  
≡ *Peziza palustris* Saut., Flora 24: 311, 1841  
Type: On roots of *Equisetum palustre*, Austria; holotype missing in W [Keissler, Ann. Nat-Hist. Mus. 31: 99, 1917]

### pani

*Helotium pani* Velen., Monogr. Discomyc. Boh. 1: 186, 1934.  
Type: On trunks and twigs of *Populus*, *Acer*, *Quercus*, *Fraxinus*, Czech Rep. (Czechoslovakia); lectotype: PRM 150154 (designat. by Svrček, 1985: 167); syntypes: PRM 147404, PRM 149204  
≡ ***Phaeohelotium pani* (Velen.) Svrček**, Sborn. Nár. Mus. Praze 40B: 167, 1985

### pannorum

*Hymenoscyphus pannorum* (Brond.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza pannorum* Brond., Act. Soc. linn. Bordeaux, ser. 3, 17: 297, 1851  
Type: On decaying rag, France; holotype not located  
≡ ***Ascophanus pannorum* (Brond.) Boud.**, Hist. classif. Discomyc. Europe 76, 1907

### papillare

*Helotium papillare* (Bull.) P. Karst., Bidr. Känned. Finl. Nat. Folk 19: 160, 1871  
≡ *Peziza papillaris* Bull., Herb. Fr. 10: pl. 467, fig. 1, 1790; Fries, Syst. mycol. 2: 102, 1822  
Type: On dead wood, France; holotype not located  
= *Unguicularia scrupulosa* (P. Karst.) Höhn. [fide Dennis, Mycol. Pap. 32: 81, 1949] = ***Hyalopeziza millepunctata***

### paradoxus

***Hymenoscyphus paradoxus* Fisher & Webster**, Trans. Brit. Mycol. Soc. 81: 656, 1983  
Type: On dead twigs of *Salix* half-immersed in water, Switzerland; holotype: K(M) 4124

### parasiticum

*Helotium parasiticum* Ellis & Everh., J. Mycol. 9: 165, 1903  
Type: Parasitic on some old *Valsa?*, Canada; holotype: FH 00433685; ? isotype: F 1308467 (on oak stics, C0004651F)  
= *Helotium episphaericum* [fide White, Mycologia 34: 175, 1942; Seaver, N. Amer. Cup-fung. Inoperc. 139] = ***Encoelia cubensis***



### **parile**

*Helotium parile* (P. Karst.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 115, 1871

***Hymenoscyphus parilis* (P. Karst.) Dennis,**

Persoonia 3: 74, 1964

≡ *Peziza parilis* P. Karst., Not. Sälls. Flora Fauna Fenn. 10: 146, 1869

Type: On twigs of *Betula*, Finland; holotype: ?  
H

### **pastinacae**

*Hymenoscyphus pastinacae* (Schwein.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza pastinacae* Schwein., Trans. Am. Phil. Soc., Ser. 2 4(2): 176, 1832

Type: On dry stems of *Pastinaca*, USA; holotype not located

≡ ***Pezizella pastinacae* (Schwein.) Sacc.,** Syll. fung. 8: 290, 1889

### **pateriforme**

*Helotium pateriforme* ['*pateraeforme*'] Cooke, Grevillea 11: 102, 1883

Type: On wood overrun with moss, Australia (Tasmania); holotype: K (M)

It is a new (replacement) name for *Peziza pateriformis* ['*pateraeformis*'] Berk. (in Hooker, Bot. Antarctic Voy., 3 Fl. Tasman., 2: 276, 1860), a homonym of *Peziza pateriformis* Durieu & Lév. (Ann. Sci. Nat., Bot., sér. 3, 9: 140, 1848).

The reference by Saccardo (Syll. fung. 8: 248, 1889) to p. 51 is to the page in the reprint of the various lists of Australian fungi originally published by Cooke in Grevillea, gathered together as Supplementum ad Fragmentorum Phytographiae Australiae ... Fungi Australiani (Melbourne, 1883). This was presumably published after the original lists appeared in Grevillea (information by Tom May, 2013). For taxonomical notes see Dennis (Kew Bull. 13: 337-338, 1958).

### **peckii**

'*Helotium peckii* House' – fungarium name  
Specimen: NYS f2294 (note by Arendholz: "This seems to be part of the type collection of *H. episphaericum* Peck.")

### **pedrotti**

*Helotium pedrottii* Bres., Fungi. Trident. 1: 14 [pl. 15], 1881

≡ *Peziza pedrottii* (Bres.) Mussat, in Saccardo, Syll. fung. 15: 265, 1900

Type: On twigs of *Sorgum vulgare*, Italy; holotype: S F8146

= ***Pseudombrophila deerrata* (P. Karsten) Seaver,** N. Amer. Cup-fung. Operc. 141, 1928 [fide]

### **perelegans**

*Helotium perelegans* (Saut.) Poetsch & Schiederm., Verh. Zool.-Bot. Ges. Wien, Beih. 48: 160, 1872

*Hymenoscyphus perelegans* (Saut.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza perelegans* Saut, Flora 28: 133, 1845  
Type: On old blade of grass, Austria; holotype: no apothecia in the specimen at W (Keissler, Ann. Nat.-Hist. Mus. 31: 100, 1917); ? type: UPS BOT F-174638

### **perexiguus**

*Hymenoscyphus perexiguus* J. Schröt., Pilze Schles. 3(2): 71, 1893, 1908

Type: On decaying leaves of *Carex*, Poland (Silesia); holotype not located

≡ ***Pezizella perexigua* (J. Schröt.) Sacc.,** Syll. fung. 11: 405, 1895

### **pergracile**

*Helotium pergracile* Speg., Rev. Soc. Argent. Cient. Nat. 7: 15, 1923

Type: On leaves of *Nothofagus betuloides*, Argentina; holotype: LPS 28124

### **perplexus**

***Hymenoscyphus perplexus* Spooner & Dennis,** Sydowia 38: 302, 1986

Type: On rotten trunk of *Pinus silvestris*, United Kingdom (Isle of Skye); holotype: K(M) 31111

### **perpusillum**

*Helotium perpusillum* Desm., Ann. Sci. Nat., ser. 2, 19: 370, 1843

Type: On leaves of a grass, France; holotype not located

### **persoonii**

*Helotium persoonii* Mont., in Gay, Hist. fis. polit. Chile 7: 410, 1850

Type: no collection mentioned in the protologue, Chile; holotype not located

≡ ***Marcelleina persoonii* (P. Crouan & H. Crouan) Brumm.**, Persoonia, Suppl. 1: 233, 1967

### **pertenerum**

*Helotium pertenerum* (Feltg.) Boud., Hist. classific. Discomyc. Europe 111, 1907

≡ *Phialea pertenera* Feltg., Vorstud. Pilz-Fl.

Luxemb. 1 (Ascomyc.), Nachtr. 2: 50, 1901

Type: On decaying bark of *Picea excelsa*,

Luxemburg; holotype: ? LUX

= *Dasyscyphus acuum* (Alb. & Schwein.) Sacc.

[fide Höhnelt, Sitzungsber. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl., Abt. 1, 115: 1290, 1906] ≡

***Cistella acuum***

### **pertenue**

*Helotium pertenuis* (Sacc.) Sacc., Fungi Ital. autogr. del. 33-36: tab. 1334, 1883

*Hymenoscyphus pertenuis* (Sacc.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza pertenuis* Sacc., Atti Soc. Veneto-Trent. Sci. Nat., Padova, ser. 4, 4: 134, 1875

Type: On decorticated twigs of *Fagus*, Italy; holotype: ? PAD

≡ ***Micropodia pertenuis* (Sacc.) Boud.**, Hist. classific. Discomyc. Europe 128, 1907

### **perula**

*Hymenoscyphus perula* (Pers.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

*Helotium perula* (Pers.) Boud., Hist. classific. Discomyc. Europe 114, 1907

≡ *Peziza perula* Pers., Mycol. Eur. 1: 280, 1822; Fries, Syst. mycol. 2: 125, 1822

Type: On dry stems of *Angelica silvestris*, Europe; holotype: L 0054581 (910261375) Dennis (Kew Bull. 7: 302, 1952) found only one flattened fruitbody in the holotype that represents a *Cyphella*.

### **peruni**

*Helotium peruni* Velen., Monogr. Discomyc. Boh. 1: 407, 1934

***Hymenoscyphus peruni* (Velen.) Svrček**, Čes. Mykol. 40: 216, 1986.

Type: On decaying twigs of *Quercus*, Czech Rep. (Czechoslovakia); holotype: PRM 147443

### **petasatum**

*Helotium petasatum* (P. Karst.) P. Karst., Bidr. Känn. Finlands Natur Folk 19: 131, 1871

*Hymenoscyphus petasatus* (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza petasata* P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 10: 151, 1869

Type: On stems of *Phragmites communis*, Finland; holotype: H Karsten 2047

= ***Crocicreas cyathoideus*** [fide Carpenter, Mem. New York Bot. Gard. 33: 66, 1981]

### **petiolicola**

*Helotium scutula* var. *petiolicola* ['*petiolicolum*'] (Sacc.) Boud., Hist. classific. Discomyc. Europe 114, 1907

Type: On petioles of *Robinia pseudacacia*, Italy; holotype: ? PAD

? = *Hymenoscyphus scutula*

### **petiolorum**

*Helotium petiolorum* (Roberge ex Desm.) Comm. Soc. crittog. Ital. 1: 378, 1863

*Hymenoscyphus petiolorum* (Roberge ex Desm.) W. Phillips, Man. Brit. Discomyc. 132, 1887

≡ *Peziza petiolorum* Roberge ex Desm., Ann. Sci. Nat., ser. 2, 17: 96, 1842

Type: On *Quercus*, France; lectotype: PC (designat. by Carpenter, Mem. New York Bot. Gard. 33: 243, 1981)

≡ ***Rutstroemia petiolorum* (Roberge ex Desm.) W. L. White**, Lloydia 4: 197, 1941

### **pezizoides**

*Helotium pezizoides* Velen., Monogr. Discomyc. Boh. 1: 198, 1934

Type: On leaves of *Nardus*, Czech Rep. (Czechoslovakia); holotype: PRM 47447

Probably conspecific with *Hymenoscyphus eburneus* (Svrček, Sborn. Nár. Mus. Praha 40B: 168, 1985).

### **pezizoideum**

*Helotium pezizoideum* Cooke & W. Phillips,  
Grevillea 19: 72, 1891

**Hymenoscyphus pezizoideus (Cooke & W. Phillips) Gamundí**, in Gamundí & Romero, Fl. criptog. Tierra del Fuego 10(5): 90, 1998  
Type: On dead wood, amongst mosses. New Zealand; holotype: K(M); ? isotype: S F44682  
Probably conspecific with *Bisporella claroflava* (Mycotaxon 54: 474, 1995).

### **phacidioides**

*Helotium phacidioides* Sacc., Atti Ist. Veneto Sci. Lett. Arti, Ser. 6, 2: 443 (1884)

Type: On dead leaves of *Betula alba*, Belgium; holotype: ? PAD  
= *Mollisia betulina* (Alb. & Schwein.) Rehm [fide Nannfeldt, Nova Acta Reg. Soc. Sci. Upsal., ser. 4, 8: 188, 1932]  
≡ ***Pyrenopeziza betulina (Alb. & Schwein.) Rauschert***, Haussknechtia 4: 54, 1988

### **phaeoconium**

*Helotium phaeoconium* (Fairm.) Seaver, N. Amer. Cup-fung. Inoperc. 129, 1951  
≡ *Phialea phaeoconia* Fairm., Ann. Mycol. 9: 151, 1911  
Type: On leaves of *Antennaria plantaginifolia*, USA; holotype: CUP K-2372 (tagged 'type', noted: ex herb. Fairman at Cornell); isotypes: NY 01168099 and NY 01168100 (both noted: ex CUP holotype)  
≡ ***Crocicreas phaeoconium (Fairm.) S. E. Carp.***, Brittonia 32: 271, 1980

### **phaeolomum**

*Helotium phaeolomum* (Lév.) Sacc. & Trotter, in Saccardo, Syll. fung. 22: 652, 1913  
≡ *Peziza phaeoloma* Lév., in Demidov, Voy. Russie Merid. 2: 97, 1842  
Type: On stems of sedge, Moldova (Sculeni); probably orig. material: S F57392 (Crimea, A. Demidoff)

### **phalaridis**

*Helotium citrinum* var. *phalaridis* Lib. ex Speg. & Roum., Rev. Mycol. (Toulouse) 2: 19, 1880  
Type: On *Phalaris aundinacea*, Belgium;

syntype: Fungi Select. Gallici Exsicc. 7: 650, 1880

≡ ***Calycellina phalaridis (Lib. ex Speg. & Roum.) Höhn.***, Sitzungsber. Akad. Wiss. Wien, Math.-naturw. Kl., Abt. 1 127: 603, 1918  
Issued also in Mycoth. univ. 17: 1615.

### **phascoides**

*Helotium phascoides* (Fr.) Fr., Summa veg. Scand., Sect. Post. 355, 1849  
≡ *Peziza phascoides* Fr., Syst. mycol. 2: 138, 1822

Type: On *Phascum*, Sweden; holotype not located  
Baral (ascofrance.com forum, 10-02-2012) noted that the species might be a member of *Bryoscyphus*.

### **phiala**

*Helotium phiala* (Vahl) Fr., Summa veg. Scand., Sect. Post. 355, 1849

***Hymenoscyphus phiala (Vahl) Arnolds***, Coolia 26, suppl. 314, 1984

≡ *Peziza phiala* Vahl, Fl. Danica 6(18): 8 [pl. 1072, fig. 2], 1792

Type: On rotten twigs of *Betula* and *Alnus*, Norway; holotype specimen probably does not exist  
Baral (in litt., Oct. 2014) assumes that this is *H. calyculus* s. auct. rather than the species for which he applied the name in Baral & Krieglsteiner (Beih. Z. Mykol. 6: 132, 1985) and in Weber (Untersuch. Fortpflanz. Ploidie Ascom., 1992).

### **phillipsii**

*Helotium phillipsii* Sacc., Syll. fung. 8: 220, 1889

Type: On the ground among moss, United Kingdom; holotype: ? K(M)  
New name for *Lachnella nuda* (W. Phillips) W. Phillips, Man. Brit. Discomyc. 247, 1887.  
= ***Lachnum pygmaeum*** [fide White, Amer. Midl. Natur. 28: 515, 1942]

### **phlebophorum**

*Helotium phlebophorum* Pat., Bull. Soc. Mycol. France 18: 179, 1902  
Type: On?, Guadeloupe; lectotype: FH Duss

240 (designat. by Dumont, l. c.); lectoisotype: NY 01179446, NY 01179445 (microslide), isosyntypes: NY 01179443 (noted "ex FH, A. Duss 240"), NY 01179444 (microslide), FH = **Moellerodiscus lentus** [fide Dumont, Mycologia 68: 248, 1976]

### **phormium**

*Helotium phormium* Cooke, Grevillea 8: 63, 1879

Type: On *Phormium tenax*, New Zealand; holotype: K(M); isotype: S F51969  
Dennis (Persoonia 32: 79, 1964) noted that it is probably a *Rutstroemia*.

### **phragmitidis**

*Helotium phragmitidis* (Saut.) Poetsch & Schiederm., Verh. Zool.-Bot. Ges. Wien, Beih. 48: 160, 1872

*Hymenoscyphus phragmitidis* [*phragmitis*] (Saut.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza phragmitidis* Saut., Flora 28: 133, 1845

Type: On stems of *Phragmites*, Austria; holotype missing in W (Keissler, Ann. Nat.-Hist. Mus. 31: 109, 1917)

*Helotium phragmitis* (Saut.) by Boudier (Hist. classific. Discomyc. Europe 113, 1907) is a superfluous combination.

### **phylogenum**

*Helotium phylogenum* [*phylogenen*] Rehm, Hedwigia 24: 14, 1885

#### **Hymenoscyphus phylogenus (Rehm)**

**Kuntze**, Revis. gen. pl. 3(2): 486, 1898

Type: On fallen leaves of *Populus*, Hungary; syntype: Ascomyceten 16: 768, K(M), S F64045, S F64043, ?S F64044, NY 01179448, NY 01179449, NY 01179447, NY 01179450, NY 01179501 (microslide); lectotype: FH 00433687 (designat. by Lizoň, Mycotaxon 45: 34, 1992)

The name was invalidly introduced in Ascomyceten 16: 768, 1884.

### **phyllophilum**

*Helotium phyllophilum* (Desm.) Fr., Summa veg. Scand., sect. post. 356, 1849

#### **Hymenoscyphus phyllophilus (Desm.)**

**Kuntze**, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza phyllophila* Desm., Ann. Sci. Nat., ser. 2, 17: 98, 1842

Type: On decaying leaves of *Acer* and *Fagus*, France; syntype: Pl. Cryptog. France, edit. 1, ser. 1: 1159, K(M), FH

For details see White (Farlowia 1: 158, 1943). Baral (in Baral & Krieglst., Beih. Z. Mykol. 6: 59, 1985) treated the species in *Calycina*.

### **phymatodes**

*Hymenoscyphus phymatodes* (W. Phillips)

**Kuntze**, Revis. gen. pl. 3(2): 485, 1898

≡ *Peziza phymatodes* W. Phillips, Grevillea 5: 117, 1877

Type: On reeds, USA; holotype: ? K(M)

= **Psilachnum phymatodes (W. Phillips)**

**Declercq**, Sterbeekia 25: 24, 2005

### **piceae**

*Helotium sulphuratum* var. *piceae* Kauffman, Pap. Michigan Acad. Sci. 1: 107 1923

*Helotium piceae* (Kauffman) Kanouse, Mycologia 33: 465, 1941

Type: On fallen needles of *Picea canadensis*, USA; holotype: MICH 14186

It differs from *H. sulphuratum* only by slightly smaller spores (Kauffman l. c.).

### **pigalianum**

*Helotium pigalianum* Sacc., Ann. Mycol. 1: 26, 1903

Type: On dead stems of *Angiopteris tasmaniana*, Italy; holotype: ? PAD

≡ **Ciboria pigaliana (Sacc.) Boud.**, Hist. classific. Discomyc. Europe 106, 1907

### **pileatum**

*Helotium pileatum* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 28: 67 [pl. 1, fig. 11-14], 1876

Type: On decaying herbaceous stems in wet places; holotype: NYS f002352

= *Ombrophila clavus* [fide White, Mycologia 178, 1942] ≡ **Cudoniella clavus**

Homonym of *Helotium pileatum* (P. Karst.) P. Karst. (1871).

### **pileatum**

*Helotium pileatum* Velen., Čes. houby (4-5): 850, 1922

Type: On decaying wood (? of *Quercus*), Czech Rep. (Czechoslovakia); holotype: PRM 824894 = *Hymenoscyphus vernus* [fide Svrček, Sborn. Nár. Mus. Praha 40B: 168, 1985]

#### ≡ ***Phaeohelotium vernum***

Homonym of *Helotium pileatum* (P. Karst.) P. Karst. (1871).

### **pileatum**

*Helotium pileatum* (P. Karst.) P. Karst., Bidr. Känned. Finl. Natur Folk 19:130, 1871

***Hymenoscyphus pileatus* (P. Karst.) Kuntze**, Rev. Gen. P. 3(2): 485, 1898

≡ *Peziza pileata* P. Karst., Not. Sällsk. Fauna Fl. Fenn. 10: 150, 1869

Type: On decayed leaves of *Carex*, Finland; holotype: H Karsten 2061; isotype: M (containing apothecia referable to *Helotium costantini*)

= ***Ombrophila pileata* (P. Karst.) P. Karst.**, Not. Sällsk. Fauna et Fl. Fenn. Förh. 11: 243, 1870 [fide Baral in litt., Oct. 2014]

According to Baral (in litt., Oct. 2014) the holotype contains apothecia with ± straight spores, whereas in the isotype in M a closely related species with curved spores was observed that belongs to *Helotium costantini*.

### **pileiforme**

*Helotium pileiforme* (Saut.) Poetsch & Schiederm., Verh. Zool.-Bot. Ges. Wien, Beih. 48: 159, 1872

≡ *Peziza pileiformis* Saut., Flora 28: 134, 1845  
Type: On decayed wood, Austria; holotype missing in W (Keissler, Ann. Nat-hist. Mus. 31: 109, 1917)

### **pineti**

*Helotium pineti* (Batsch) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 241, 1870

≡ *Peziza pineti* Batsch, Elench. fung. 1: 201, 1786; Fries, Syst. mycol. 2: 101, 1822

Type: On cones of *Abies*, Germany; holotype not located

≡ ***Pseudohelotium pineti* (Batsch) Fuckel**,

Jahrb. Nass. Ver. Naturk. 23-24: 298, 1870

### **pineum**

*Helotium pineum* (Bonord.) Sacc., Syll. fung. 8: 225, 1889

≡ *Sarea pinea* Bonord., Handb. allgem. Mykol. 198, 1851

Type: On inner side of bark of *Picea excelsa*, Germany; holotype not located

≡ ***Trichohelotium pineum* (Bonord.) Killerm.**, Kryptog. Forsch. 2(3): 281, 1935

### **pinicolum**

*Helotium pinicolum* (Feltg.) Boud., Hist. classific. Discomyc. Europe 115, 1907

≡ *Phialea pinicola* Feltg., Vorstud. Pilz-Fl. Luxemb. 1 (Ascomyc.), Nachtr. 2: 49, 1901

Type: On dry bark of *Pinus sylvestris*, Luxemburg; holotype: FH Höhnell coll.

### **piriformis**

*Hymenoscyphus piriformis* (Hedw.) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Octospora piriformis* Hedw., Descr. micr.-anal. musc. frond. 2: 32, tab. 10: 8, 1789; Fries, Syst. mycol. 2: 121, 1822

Type: On *Mnium ligulatum* and sandy soil, Germany; holotype not located

### **piscinum**

*Helotium piscinum* Velen., Monogr. Discomyc. Boh. 1: 203, 1934

Type: On *Typha angustifolia*, Czech Rep. (Czechoslovakia); holotype: PRM 812393 (specimen has no apothecia)

### **pityum**

*Helotium pityum* [*'pithya'*] (Pers.) Fr., Syst. mycol. 2: 155, 1822

≡ *Peziza pitya* [*'pithya'*] Pers., Icon. descr. fung. 2: 43 [pl. 11, fig. 2], 1800; Fries, Syst. mycol. 2: 155, 1822

Type: On twigs of *Pinus*, ? Germany; ? types: L 0111720, L 0111721

### **planodiscum**

*Helotium planodiscum* (Peck & Clinton) W. L. White, Mycologia 34: 171, fig. 12, 1942

*Hymenoscyphus planodiscus* (Peck & Cooke)

Lindau, in Engler & Prantl, Nat. Pflanzenfam. 1(1): 204, 1897

≡ *Peziza planodisca* Peck & Clinton, in Peck, Rep. (Annual) New York State Mus. Nat. Hist. 31[1877]: 46, March 1879

Type: On leaves and stems of *Andropogon scoparius*, USA; holotype: ? NYS (studied there by White. l. c.)

For details see Hengstmengel (Mycotaxon 107: 269, 2009).

### **platypus**

*Helotium platypus* Hazsl., Math. Természettud. Közlem. 21: 255, 1886

Type: On twigs of *Alnus*, Slovakia (Hungarian Empire); holotype: not located in BP

### **plicatulus**

*Hymenoscyphus plicatulus* (Rehm) J. Schröt., Pilze Schles. 3(2): 70, 1893

≡ *Pezizella plicatula* Rehm, Pilze Deutschl., Hyster. Discomyc. 676, 1892

≡ ***Calycella plicatula* (Rehm) R. Heim**, Trab. Mus. Nac. Cienc. Nat., Ser. Bot. 15(3): 35, 1934

Type: On decaying stems of *Aconitum napellum*, Austria; holotype: S F9689

*Hymenoscyphus plicatulus* by Kuntze (Revis. gen. pl. 3(2): 485, 1898) is a superfluous name.

### **politum**

*Helotium politum* W. Phillips, Man. Brit. Discomyc. 155, 1887

Type: On roots, United Kingdom; holotype: ? K(M)

### **polypori**

*Helotium obtusum* var. *polypori* Velen., Monogr. Discomyc. Boh. 1: 192, 1934.

Type: On decayed *Polyporus* on *Populus*, Czech Rep. (Czechoslovakia); holotype: PRM 150245 (Svrček, l. c.: on wood - not on *Polyporus* as presented in protologue)

= ***Hymenoscyphus calyculus*** sensu Dennis [fide Svrček, Sborn. Nár. Mus. Praha 40B: 166, 1985]

### **polystichi**

*Helotium polystichi* E. K. Cash, Mycologia 50: 647, 1958

Type: On stems of *Polystichum munitum*, USA; holotype: BPI 655152

### **polytrichi**

*Helotium hylocomii* var. *polytrichi* Velen., Monogr. Discomyc. Boh. 1: 209, 1934

*Helotium polytrichi* (Velen.) Velen., Monogr. Discomyc. Bohem. 1: 406, 1934

***Hymenoscyphus polytrichi* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 169, 1985

Type: On leaves of *Polytrichum commune*, Czech Rep. (Czechoslovakia); lectotype: PRM 149502 (designat. by Svrček, l. c.); syntypes: PRM 147499, PRM 148844, PRM 148891, PRM 149172

### **polytrichicola**

*Helotium polytrichicola* [*polytrichicola*] P. Crouan & H. Crouan, Fl. Finistère 48, 1867

Type: On living leaves of *Polytrichum commune*, France; holotype: ? CO

### **populinum**

*Helotium populinum* Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 316, 1870

*Hymenoscyphus populinus* (Fuckel) Migula, in Thomé, Krypt.-Fl. 10(2): 1152, 1913

Type: On the upper side of dry leaves of *Populus pyramidalis*, Germany; lectotype: FH 0043368 (designat. by White, 1943: 162); isotypes: NY 01179502, S FF90648, S F90650, BPI 655158

= ***Calycellina populina* (Fuckel) Höhn.**, Sitzungsab. Akad. Wiss. Wien, Math. -nat. Kl. 1: 127: 601, 1918

For details see White (Farlowia 1: 160, 1943) and Lowen & Dumont (Mycologia 36: 1010, 1984).

### **populneum**

*Helotium populneum* Velen., Opera Bot. Čech. 4: 121, 1947

***Hymenoscyphus populneus* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 170, 1985

Type: On leaves of *Populus laurifolia*, Czech Rep. (Czechoslovakia); holotype: PRM 148083

### **porinatum**

'*Helotium porinatum* Cooke' – fungarium name  
K(M) (note: *Dacrymyces*)

### **potentillae**

*Helotium scutula* f. *potentillae* Feltg., Vorstud.  
Pilz-Fl. Luxemburg, 1 (Ascomyc.), Nachtr. 3: 63,  
1903

Type: On stems of *Potentilla reptans*,  
Luxemburg; holotype: ? LUX  
= *Helotium scutula* [fide Höhnelt, Sitzungsber.  
Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl., Abt.  
1, 115: 1290, 1906]

≡ ***Hymenoscyphus scutula***

### **praecox**

*Helotium praecox* Velen., Monogr. Discomyc.  
Boh. 1: 197, 1934

Type: On twig of *Carpinus*, Czech Rep.  
(Czechoslovakia); holotype: PRM 147575  
= *Hymenoscyphus vernus* [fide Svrček,  
Sborn. Nár. Mus. Praha 40B: 170, 1985] ≡

***Phaeohelotium vernum***

### **prasinus**

*Helotium prasinum* Masee, Kew Bull. 1901:  
159, 1901

*Hymenoscyphus prasinus* (Masee) Dennis,  
Persoonia 3: 78, 1964

Type: On dead wood, Australia (Tasmania);  
holotype: K(M)

≡ ***Lanzia prasina* ['*prasinum*'] (Masee)**

**Spooner**, Helot. Australasia 346, 1987

### **procerum**

*Helotium procerum* P. Karst., Fungi Fenniae  
Exsicc. 8: 821, 1868 [Bidr. Känned. Finl. Natur  
Folk 19: 130, 1871]

***Hymenoscyphus procerus* (P. Karst.) Dennis**,  
Persoonia 3: 76, 1964

Type: On mosses, Finland; syntype: Fungi  
Fenniae Exsicc. 8: 821, K(M)

### **proliferum**

*Helotium pygmaeum* var. *proliferum* (Berk.)  
Boud., Hist. classif. Discomyc. Europe 113, 1907  
≡ *Peziza pygmaea* f. *prolifera* Berk., Trans. Linn.  
Soc. London 25: 432, [pl. 55, fig. 7-13], 1866

Type: On rotten *Ulex*, United Kingdom;  
holotype: ? K(M)

= ***Lachnum pygmaeum*** [fide White, Amer.  
Midl. Natural. 28: 515, 1942]

### **propinquum**

*Helotium propinquum* Sacc. & Ellis, in Sacc.,  
Michelia 2: 572, 1882

Type: On twigs of *Cornus*, USA; holotype: NY  
00830299 (Ellis 3545)

≡ ***Mollisia propinqua* (Sacc. & Ellis) Dennis**,  
Persoonia 3: 60, 1964 [B]

Issued also in N. Amer. Fungi, ser. 1, 10: 995,  
Apr 1883 (MICH 14185, ? BPI 655163) but the  
protologue cites only 'Ellis 3545'.

### **proximellum**

*Helotium proximellum* P. Karst., Bidr. Känned.  
Finl. Nat. Folk 19: 132, 1871

Type: On needles of *Pinus sylvestris*, Finland;  
holotype: ? H

= ***Antinoa proximella* (P. Karst.) Velen.**,  
Monogr. Discomyc. Boh. 1: 215, 1934

### **pruinatum**

*Helotium pruinatum* Jerdon, in Berk. & Broome,  
Ann. Mag. Nat. Hist., Ser. 3, 18: 127, 1866

Type: On *Hypoxylon fuscum* and *H. stigma*,  
United Kingdom; holotype: ? K(M)

≡ ***Polydesmia pruinosa* (Jerdon) Boud.**, Hist.  
classif. Discomyc. Europe 100, 1907

### **pruni**

*Helotium pruni* Velen., Čes. houby (4-5): 851,  
(fig. 156/4) 1922

Type: On old decaying twigs of *Prunus*  
*spinosa*, Czech Rep. (Czechoslovakia);  
authentic material: On *Prunus spinosa*, Czech  
Rep., PRM 147220 (label marked by Svrček as  
lectotype)

= *Hymenoscyphus vernus* [fide Svrček, Sborn.  
Nár. Mus. Praha 40B: 170, 1985]

≡ ***Phaeohelotium vernum***

### **pseudacori**

*Helotium scutula* f. *pseudacori* ['*pseud-*  
*ascorni*'] Feltg., Vorstud. Pilz-Fl. Luxemburg 1  
(Ascomyc.), Nachtr. 2: 63, 1901

Type: On stems and flower petioles of *Iris pseudacorus*, Luxemburg; holotype: ? LUX

### **pseudoalbidus**

*Hymenoscyphus pseudoalbidus* Queloz, Grünig, Berndt, T. Kowalski, T. N. Sieber & Holdenr., For. Path. 41(2): 140, 2011

Type: On rachises of leaves of *Fraxinus excelsior*, Switzerland; holotype: ZT Myc 2022  
= ***Hymenoscyphus fraxineus* (T. Kowalski) Baral, Queloz & Hosoya**, IMA Fungus 5: 80, 2014

### **pseudociliatum**

*Helotium pseudociliatum* W. Phillips, Grevillea 15: 17, 1887

= ***Hymenoscyphus pseudociliatus* (W. Phillips) S. E. Carp.**, Mem. New York Bot. Gard. 33: 247, 1981

Type: On rotten wood, New Zealand; holotype: K (M) W. Colenso 380

### **pseudopezizoides**

*Hymenoscyphus pseudopezizoides* (Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898

≡ *Pezizella pseudopezizoides* Rehm, Pilze Deutschl., Hyster. Discomyc. 1231 (1896)

Type: On fallen leaves of *Euphorbia dulcis*, Germany; syntype: Fungi Saxon. Exsicc. 28: 1361, S F8111; same locality but not Fungi Saxon. Exsicc.: S F8114, S F8117

≡ ***Urceolella pseudopezizoides* (Rehm) Boud.**, Hist. classific. Discomyc. Europe 130, 1907

### **pseudotuberosa**

*Hymenoscyphus pseudotuberosa* (Rehm) W. Phillips, Man. Brit. Discomyc. 119, 1887

*Ciboria pseudotuberosa* Rehm, Ber. Naturhist. Ver. Augsburg 26: 28, 1881

Type: On decaying seed leaves of *Quercus*, Germany; syntype: Ascomyceten 3: 106, S F11307

= *Ciboria batschiana* (Zopf) N. F. Buchw., Friesia 3: 255, 1947 [fide] = ***Ciboria calyculus* (Batsch) Hengstm.**, Coolia 25: 6, 1982

### **pteridicola**

*Hymenoscyphus pteridicola* Thind & Sharma, Nova Hedwigia 32: 125 [fig. 5-7], 1980

Type: On decaying fronds of *Pteris vitatta*, India; holotype: PAN; isotype TAA

≡ ***Hymenoscyphus macroguttatus*** [fide Baral & al., Sydowia 26: 158, 2006]  
Homonym of *Hymenoscyphus pteridicola* (P. & H. Crouan) Kuntze (1898).

### **pteridicola**

*Hymenoscyphus pteridicola* (P. Crouan & H. Crouan) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
*Helotium pteridicola* (H. & P. Crouan) Boud. Hist. classific. Discomyc. Europe 112, 1907

≡ *Peziza pteridicola* P. Crouan & H. Crouan, Fl. Finistère 50, 1867

Type: On base of fronds of *Pteris aquilina*, Germany; neotype: NY 00914756 (On stems of *Pteris aquilina*); isoneotype: K(M), L, U, UPS (designat. by Carpenter, Mem. New York Bot. Gard. 33: 86, 1981, S F 92284 and S 92285 (both Mycoth. German. 1106, tagged as isoneotypus)

= ***Crocicreas cyathoideum* var. *pteridicola* (P. Crouan & H. Crouan) S. E. Carp.**, Brittonia 32: 270, 1980

### **pteridis**

*Helotium scutula* f. *pteridis* Feltg., Vorstud. Pilz-Fl. Luxemburg 1 (Ascomyc.), Nachtr. 2: 63, 1901

Type: On frond of *Pteris aquilina*, Luxemburg; holotype: ? LUX

### **pteridophilum**

*Helotium pteridophilum* Penz. & Sacc., Malpighia 15: 204, 1902

Type: On dead leaves of *Filicum* sp., Indonesia (Java); holotype: ? PAD

### **puberulum**

*Helotium cyathoideum* var. *puberulum* (Feltg.) Boud., Hist. classific. Discomyc. Europe 114, 1907

*Phialea cyathoidea* var. *puberula* Feltg., Vorstud. Pilz-Fl. Luxemb. 1 (Ascomyc.), Nachtr. 3: 58, 1903

Type: On decaying stems of *Brassica*, Luxemburg; holotype: ? LUX



= *Phialea cyathoidea* (Bull.) Gillet [fide Höhnel, Sitzungsber. Akad. Wiss., Math.-Nat. Cl., 115: 1291, 1906] ≡ ***Crocicreas cyathoideum***

### **puberulum**

*Helotium puberulum* (Lasch in Rabenh.) Fuckel, Fungi Rhenani Exsicc. 12: 1150, 1864  
≡ *Peziza puberula* Lasch, in Rabenh., Klotzsch. Herb. Vivum Mycol. Systems Fungorum German. 16: 1529, 1849 – descr.? [Flora 34: 566, 1851 - descr.!]

Type: On leaves of *Quercus*, Germany;  
syntype: Klotzsch. Herb. Vivum Mycol. Systems Fungorum German. 16: 1529, ? FH  
= ***Calycellina punctata* (Fr.) Lowen & Dumont**, Mycologia 76: 1006, 1984 [fide]

### **puddicus**

*Hymenoscyphus puddicus* (Rehm) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Pezizella puddica* Rehm, Pilze Deutschl., Hyster. Discomyc. 656, 1892  
Type: On decaying stumps of *Pinus*, Germany;  
syntype: Mycoth. March. 8: 761 (as *Helotium discretum* f. *pygmaea* Rehm), S F92040, S F9705  
≡ ***Mollisiella puddica* (Rehm) Boud.**, Hist. classific. Discomyc. Europe 143, 1907  
For details see Zhuang (Mycotaxon 32: 73, 1988).

### **pulchellum**

*Helotium rehbergense* var. *pulchellum* Velen., Monogr. Discomyc. Boh. 1: 188, 1934  
Type: On trunks of *Betula*, Czech Rep. (Czechoslovakia); no authentic material found in PRM (Svrček, Sborn. Nár. Mus. Praha 40B: 172, 1985)

### **pulchellus**

*Hymenoscyphus pulchellus* (Fuckel) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
*Helotium pulchellum* (Fuckel) Boud., Hist. classific. Discomyc. Europe 111, 1907  
≡ *Pezizella pulchella* Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 299, 1870  
Type: On decaying needles of *Pinus sylvestris*, Germany; holotype not located  
= *Dasyscyphus acuum* (Alb. & Schwein.) Sacc.,

Syll. fung. 8: 443, 1889 [fide Dennis, Mycol. Pap. 32: 34, 1949] ≡ ***Cistella acuum***

### **pullatum**

*Helotium pullatum* W. R. Gerard, in Cooke, Bull. Buffalo Soc. Nat. Sci. 2: 298, 1875  
Type: On *Vitis* sp., USA; holotype: K(M); isotype: CUP D-03743(86-173)  
≡ ***Mollisia pullata* (Gerard) Dennis**, Personia 3: 61, 1964 [fide]

### **pulvinatum**

*Helotium pulvinatum* P. Karst., Not. Sällsk. Fauna et Fl. Fenn. Förh. 11: 140, 1871  
*Hymenoscyphus pulvinatus* (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
Type: On cone of *Pinus sylvestris*, Finland; holotype: ? H  
≡ ***Pezizella pulvinata* (P. Karst.) Sacc.**, Syll. fung. 8: 277, 1889

### **pulvisculus**

*Hymenoscyphus pulvisculus* (Cooke) Kuntze, Revis. gen. pl. 3(2): 485, 1898  
≡ *Peziza pulviscula* Cooke, Bull. Buffalo Soc. Nat. Sci. 2: 297, 1875  
Type: On stems of *Phytolacea*, USA; K(M) (Dennis, l. c.)  
≡ ***Calycellina pulviscula* (Cooke) Dennis**, Personia 3: 61, 1964

### **punctatum**

*Helotium punctatum* Fr., Summa veg. Scand., sect. post. 356, 1849  
New name for *Peziza punctiformis* Grev., a homonym of *Peziza punctiformis* Pers. (Syn. Meth. Fung. 2: 674, 1801).  
≡ ***Calycellina punctata* (Fr.) Lowen & Dumont**, Mycologia 76: 1006, 1984

### **punctiforme**

*Helotium punctiforme* (Grev.) Phill., Man. Brit. Discomyc., p. 168. 1887  
*Hymenoscyphus punctiformis* (Grev.) J. Schrot., in Engler & Prantl, Nat. Pflanzenfam. 1(1): 204, 1897  
Type: On fallen leaves of *Quercus*, United Kingdom; neotype (*Calycellina punctiformis*):

United Kingdom, on fallen oak leaves, Glen Mane Garden, E 1086 (E00456052) (designat. by Lowen & Dumont, l. c.)

= ***Calycellina punctata* (Fr.) Lowen & Dumont**, Mycologia 76: 1006, 1984 [fide]

#### **punctoideum**

*Helotium punctoideum* P. Karst., Not. Sällsk.

Fauna Fl. Fenn. Förh. 11: 215, 1871

Type: On rotten leaves of *Epilobium*

*angustifolium*, Finland; holotype: ? H

≡ ***Pseudopeziza punctoidea* (P. Karst.)**

**Höhn.**, Mitt. Bot. Inst. TH Wien 3(2): 64, 1926

[fide Baral, 2000]

#### **punctulum**

*Helotium punctulum* Grev., in Quél., Bull. Soc.

Bot. France 23: 331, 1877

Type: On leaves of *Fagus* and *Quercus*;

holotype not located

#### **purpuratum**

*Helotium purpuratum* Kalchbr., in Thümen,

Mycoth. Univ. 19: 1614, 1880 [Flora 64: 238,

1881]

Type: On decayed twigs, South Africa;

syntype: Mycoth. Univ. 19: 1614, S F10592, FH

00433688, K(M)

= ***Phillipsia kermesina* Kalchbr. & Cooke**,

Grevillea 9: 25, 1880 [fide Kalchbrenner,

Grevillea 10: 114, 1882]

Seaver (Mycologia 5: 192, 1913) treated the species as synonym of *Phillipsia domingensis*

(Berk.) Berk., (J. Linn. Soc. 18: 388, 1881) but

Le Gal (Discomyc. Madagascar 264, 268, 1953)

has noted that neither *Helotium purpuratum* nor *Phillipsia kermesina* are conspecific with *P. dominigensis*.

#### **purpureum**

*Helotium chromoflavum* var. *purpureum*

[*'purpurea'*] Rick, Brotéria, ser. Bot., 25: 114,

1931

Type: On leaves, Brazilia; holotype: missing in

PACA, originally at Collegio Anchiota, Porto

Alegre, BR (Dennis, Kew Bull. 14: 120, 1960)

? = *Lambertella chromo-flava*

#### **pusense**

*Helotium pusense* Syd. & P. Syd., in H. & P.

Sydow & Butler, Ann. Mycol. 9: 374, 1911

= ***Hymenoscyphus pusensis* (Syd. & P. Syd.) M.**

**P. Sharma**, Himalayan bot. res. 163, 1991

Type: On stems of *Ricinus communis*, India;

holotype: S F10591 (ex herb. Sydow – all

specimen data are the same as in the

protologue)

#### **putaminum**

*Helotium putaminum* Velen., Monogr.

Discomyc. Bohem. 1: 204 [2: pl. 19, fig. 11],

1934

= ***Hymenoscyphus putaminus* (Velen.) Svrček**,

Sborn. Nar. Muz. Praha 40B: 171, 1985

Type: On fruits of *Crataegus*, Czech Rep.

(Czechoslovakia); holotype: PRM 147232

#### **pygmaeum**

*Helotium pygmaeum* (Fr.) P. Karst., Bidr. Känn.

Finl. Nat. Folk 19: 153, 1871

≡ *Peziza pygmaea* Fr., Syst. mycol. 2: 79, 1822

Type: On stump of *Abies*, ? Sweden; holotype

not located

≡ ***Lachnum pygmaeum* (Fr.) Bres.**, Ann.

Mycol. 1: 121, 1903

#### **quadrinucleatum**

*Helotium pezizoideum* var. *quadrinucleatum*

Starbäck, Ark. Bot. 5(7): 4, 1905

Type: On moldy wood, Bolivia; holotype: S

F44683

= ***Hymenoscyphus pezizoideus*** [fide

Gamundí, in Gamundí & Romero, Fl. criptog.

Tierra Fuego 10(5): 90, 1998]

#### **querceti**

*Helotium querceti* Sacc., Michelia 1: 68, 1877

Type: On upper side of leaves of *Quercus*

*pedunculata*, Italy; holotype: ? PAD

= *Calycellina punctiformis* [fide Arendholz,

Morf. -taxon. Untersuch. Ascom. 32, 1979] =

***Calycellina punctata***

#### **quercifolium**

*Helotium quercifolium* Thind, Cash & P. Singh,

Mycologia 51: 836, fig. 2, 5, 8, 11, 1959

Type: On leaves of *Quercus incana*, India;  
holotype: PAN, isotypes: NY 01179505, NY  
01179506, NY 01179507, ? BPI

### **quercinum**

*Helotium quercinum* Velen., Čes. houby (4-5):  
848 (fig. 156/12), 1922

Type: On rotten twigs of *Quercus*, Czech Rep.  
(Czechoslovakia); holotype: PRM 857109  
= *Rutstroemia firma* (Pers.) P. Karst. [fide White,  
*Lloydia* 4: 173, 1941] ≡ ***Poculum firmum***

### **quercinum**

*Helotium aciculare* var. *quercinum* Alb. &  
Schwein., Consp. fung. Lusat. 349, 1805; Fries,  
*Syst. mycol.* 2: 157, 1822

Type: On rotten wood of *Quercus*, Gemany;  
holotype not located

? = *Cudoniella acicularis*

### **quintinae**

*Helotium quintinae* Dennis, Kew Bull. 15: 309,  
1961

***Hymenoscyphus quintinae* (Dennis) Dennis,**  
*Persoonia* 3: 77, 1964

Type: On bark of *Quintinia serrata*, New  
Zealand; holotype: K(M); isotype: PDD 19041

### **radiatus**

*Hymenoscyphus radiatus* (Pers.) Gray, Nat. arr.  
*Brit. pl.* 1: 673, 1821

≡ *Peziza radiata* Pers., *Syn. meth. fung.* 662, 1801

Type: On stems, ? Germany; holotype: L  
0054583 (910261519)

= ***Crocicreas coronatum*** [fide Carpenter, *Mem.*  
*New York Bot. Gard.* 33: 49, 1981]

As noted by Carpenter (l. c.) *Peziza radiata* was  
probably a replacement name for *P. coronata*  
Pers. (l. c., p. 636).

### **radicatum**

*Helotium radicatum* Alb. & Schwein., Consp.  
*fung. Lusat.* 348, 1805; Fries, l. c.

Type: On processed rotten wood of *Pinus*  
*sylvestris*, Germany; holotype not located

≡ ***Ditiola radicata* (Alb. & Schwein.) Fr.,** *Syst.*  
*mycol.* 2(1): 170, 1822, ***Dacrymycetales***

### **radicicola**

*Helotium radicicola* ['*radicolum*'] Velen.,  
*Monogr. Discomyc. Boh.* 1: 186 [2: pl. 28, fig.  
17-19], 1934

Type: On dead roots of *Tremula*, Czech Rep.  
(Czechoslovakia); lectotype: PRM 148223  
(designat. by Svrček, l. c.)

= ***Hymenoscyphus nudus*** [fide Svrček, *Sborn.*  
*Nár. Mus. Praha* 40B: 171, 1985]  
Homonym of *Helotium radicicola* Henn. (1902).

### **radicicola**

*Helotium radicicola* ['*radicola*'] Henn., *Hedwigia*  
41: 24, 1902

Type: On rotten roots, Brazilia; holotype  
missing in B (Hein, *Englera* 10: 42, 1988)

### **ranarum**

*Helotium ranarum* Velen., *Monogr. Discomyc.*  
*Boh.* 1: 199, 1934

***Hymenoscyphus ranarum* (Velen.) Svrček,**  
*Sborn. Nar. Muz. Praha* 40B: 172, 1985

Type: On stems and rhizomes of *Phragmites*, Czech  
Rep. (Czechoslovakia); holotype: PRM 149329

### **rapaeformis**

*Hymenoscyphus rapaeformis* Gray, *Nat. arr. Brit.*  
*pl.* 1: 673, 1821

Type: On ground, United Kingdom; holotype  
not located

= ***Stromatinia rapulum* (Bull.) Boud.,** *Hist.*  
*classif. Discomyc. Europe* 108, 1907 [fide  
Dennis, *Persoonia* 3: 29, 1964]

### **ravus**

***Hymenoscyphus ravus* Svrček,** *Čes. Mykol.* 43:  
68, 1989

Type: On dead bud-scales of *Picea abies*:  
Germany; holotype: herb. Engel; isotype: PRM  
(Svrček, l. c.)

### **regalis**

*Hymenoscyphus regalis* (Cooke & Ellis) Kuntze,  
*Revis. gen. pl.* 3(2): 485, 1898

≡ *Peziza regalis* Cooke & Ellis, *Grevillea* 6: 91,  
1878

Type: On bark of *Malus*, USA; holotype: ? K(M)  
This is an *Orbilbia* (Baral in litt., Oct. 2014).

### rehbergense

*Helotium rehbergense* Velen., Monogr. Discomyc. Boh. 1: 188, 1934  
Type: On wood of *Betula*, Czech Rep. (Czechoslovakia); lectotype: PRM 148896 (designat. by Svrček, l. c.)  
= ***Hymenoscyphus salicellus*** [Svrček, Sborn. Nár. Mus. Praha 40B: 172, 1985]

### rehmii

*Helotium rehmii* Strasser, Verh. Zool.-Bot. Ges. Wien 57: 332, 1907  
Type: On rotten bark of *Abies pectinata*, Austria; syntype: Ascomyceten 39: 1719b (as *Helotium lutescens*), K(M), S F64689, S F64690  
New name for *Helotium lutescens* (Hedw.) Fr. sensu Rehm, Ascomyceten 39: 1719b.  
= ***Helotiella rehmii* (Strasser) Sacc. & Trotter**, Syll. fung. 12: 689, 1913  
Already Rehm (Ann. Mycol. 5: 211, 1907) pointed out that his *Helotium lutescens* issued in Ascomyceten is a member of *Helotiella*.

### rehmii

*Hymenoscyphus rehmii* (Sacc.) Kuntze, Revis. gen. pl. 3(2): 486, 1898  
≡ *Pezizella rehmii* Sacc., Syll. fung. 8: 282, 1889  
Type: On rotted stems of *Aconitum napellum*, Slovakia (Hungarian Empire); syntype: Ascomyceten 4: 163 (as *Pezizella aconiti* Rehm)  
New name for *Pezizella aconiti* Rehm (Ber. naturhist. Augsburg 26: 43, 1881).  
= ***Cistella aconiti* (Rehm) Raitv. & Järv**, Proc. Estonian Acad. Sci., Biol. Ecol. 46(1/2): 98, 1997

### renisporum

*Helotium renisporum* Ellis, in Cooke, Bull. Buffalo Soc. Sci. Nat. 2: 299, 1875  
***Hymenoscyphus renisporum* (Ellis) W. Phillips, Man.** Brit. Discomyc. 143, 1887  
Type: On decaying leaves, USA; holotype: ? K(M); isotypes: NY 00830302, NY 00830301, NY 00830300, NY 00830304 (all noted 'ex K')  
White (Lloydia 4: 216, 1941) cited Ellis collection in NY as the holotype. Issued also in N. Amer. Fungi 21: 2049 (on fallen leaves of *Nyssa sylvatica*).

### repandum

*Helotium repandum* W. Phillips, Man. Brit. Discomyc. 161, 1887  
***Hymenoscyphus repandus* (W. Phillips) Dennis**, Persoonia 3: 75, 1964  
Type: On stems, United Kingdom; holotype: K(M) 31113

### resinae-piceae

***Hymenoscyphus resinae-piceae* Svrček**, Čes. Mykol. 40: 211, 1986  
Type: On resin of a trunk of *Picea abies*, Czech Rep. (Czechoslovakia); holotype: PRM (Svrček, l. c.)

### resinicola

*Hymenoscyphus resinicola* (Baranyay & Funk) M. P. Sharma, Trends tree sci. 137, 1988  
*Helotium resinicola* ['*resinicolum*'] Baranyay & Funk, Canad. J. Bot. 47: 1011, 1969  
Type: On resin exudate of *Tsuga heterophylla*, Canada; holotype: DAVFP 18350 or ? DAOM  
≡ ***Bisporella resinicola* (Baranyay & A. Funk) S. E. Carp. & Seifert**, in Seifert & Carpenter, Canad. J. Bot. 65: 1263, 1987

### retincola

*Helotium retincola* (Rabenh.) Rabenh., in Kalchbrenner, Ann. mag. nat. hist., ser. 3, 15: 238, 1865  
≡ *Peziza retincola* Rabenh., Fungi Eur. Exsicc. Klotzsch. Herb. Vivi Mycol. 2: 225, 1860 [Kalchbrenner, Math. Természettud. Közlem. 3: 238, 1865]  
Type: On decaying stems of *Phragmites communis*, Slovakia (Hungarian Empire); syntype: Fungi Eur. Exsicc. Klotzsch. Herb. Vivi Mycol. 2: 225, BR MYC 092693,58  
= ***Trichobelonium kneiffii* (Wallr.) J. Schröt.**, Pilze Schles. 3(2): 103, 1893

### rhizicola

*Helotium rhizicola* Seaver, N. Amer. Cup-fung. Inoperc. 143, 1951.  
Type: On roots of *Collinsonia canadensis*, USA; syntypes: NY 01179508, NY 01179509; isosyntype: K(M)

Dennis (Persoonia 3: 61, 1964) noted that it might be conspecific with *Helotium robustius*.

### **rhizogenum**

*Helotium rhizogenum* Ellis & Everh., J. Mycol. 4: 100, 1888

Type: On exposed dead roots of *Andropogon*, USA; holotype: ? BPI 655176

= ***Lachnum pygmaeum*** [fide White. Amer. Midl. Naturalist 28: 515. 1942]

### **rhizomaticola**

*Helotium rhizomaticola* Boud., Bull. Soc. Mycol. France 33: 19 [pl. 6, fig. 4], 1917

Type: On rhizomes of *Carex*, France; holotype: ? PC

### **rhizomorphae**

*Helotium rhizomorphae* Velen., Monogr.

Discomyc. Bohem. 1: 209 (2: pl. 19, fig. 4, 5), 1934

***Hymenoscyphus rhizomorphae* (Velen.)**

**Svrček**, Sborn. Nár. Muz. Praha 40B: 173, 1985

Type: On rhizomorphs of *Armillaria*, Czech Rep. (Czechoslovakia); holotype: PRM 149595

### **rhizophilum**

*Helotium scutula* f. *rhizophilum* Felteg., Vorstud. Pilz-Fl. Luxemburg 1 (Ascomyc.), Nachtr. 2: 62, 1901

Type: On decaying roots of *Mentha* (?) *aquatica*, Luxemburg; holotype: ? LUX

### **rhizophilum**

*Helotium rhizophilum* Fuckel, Fungi Rhen. Exs. suppl. fasc. 1: 1598, 1865

Type: On dry rhizome of *Koeleria glauca*, Germany; syntype: Fungi Rhen. Exs. suppl. fasc. 1: 1598, S 69775

= ***Lachnum pygmaeum*** [White, Amer. Midl. Natur. 28: 515, 1942]

### **rhododendri**

'*Helotium rhododendri* Rehm', Ascomyceten 3: 109, 1872 – nom. nud.

Type: On twigs of *Rhododendron ferrugineum*, Austria (Tyrolia); syntype: Ascomyceten 3: 109, S F11989

= ***Chlorosplenium cenangium* (De Not.) Korf**, in Müller, Beitr. Kryptogamenfl. Schweiz 15: 32, 1977

'*Helotium rhododendri*' is often listed in online databases even the name was never validly published. New name: *Cenangella rehmana* Sacc. (Syll. fung. 8: 590, 1889).

### **rhodoleucus**

*Helotium rhodoleucum* (Fr.) Fr., Summa veg. Scand., sect. post. 355, 1849

*Hymenoscyphus rhodoleucus* (Fr.) W. Phillips, Man. Brit. Discomyc. 131, 1887

≡ *Peziza rhodoleuca* Fr., Observ. Mycol. 2: 306, 1818; Fries, Syst. mycol. 2: 127, 1822

Type: On stems of *Equisetum arvensis*, ? Sweden; holotype not located

≡ ***Roseodiscus rhodoleucus* (Fr.) Baral**, in Baral & Kriegelsteiner, Acta Mycol. 41: 17, 2006

*Hymenoscyphus rhodoleucus* (Fr.) Z. S. Bi (Macrofung. fl. mount. distr. North Guangdong 23, 1990) is a superfluous name.

### **rhytidiadelphi**

***Hymenoscyphus rhytidiadelphi* Svrček**, Čes. Mykol. 32: 17, 1978

Type: On stems of *Rhytidiadelphus triquetrus*, Czech Rep. (Czechoslovakia); holotype: PRM

### **rhytidodes**

*Helotium rhytidodes* Berk. & M. A. Curtis, J. Linn. Soc. 10: 369, 1869

Type: No data on the specimen in the protologue, Cuba; holotype: K(M), isotypes: CUP D-03533, NY 01179512 (microslide)

### **ribicola**

'*Helotium ribicola* [,*ribicolum*'] Bres.' – fungarium name

Type: On *Ribes rubrum*, ?, Eichler; specimen S F64010 (ex herb. Bresadola) has short handwritten description and pencil drawings

### **rimosum**

*Helotium rimosum* Malençon, Bull. Soc. Mycol. France 43: 103 [pl. 6, fig. 5, 6], 1927

Type: On stems of *Cirsium spinosissimum*, France; holotype: PC (Carpenter, l. c.); isotypes:

BPI 655177, NY 01179513 (noted 'Herbier Cryptogamique G. Malençon'), NY 01179514 (tagged as holotype)  
= **Crocicreas cyathoideum var. cacaliae** [fide Carpenter, Mem. New York Bot. Gard. 33: 78, 1981]

### **robergei**

*Helotium robergei* Dennis, Mycol. Pap. 62: 93, 1956  
= *Lanzia albida* (Rob. & Desm) S. E. Carp. [fide Carpenter, Mem. New York Bot. Gard. 33: 187, 1981] ≡ **Hymenoscyphus albidus**  
New name for *Helotium albidum* (Rob. & Desm.) Pat. (1885), a homonym of *H. albidum* P. Crouan & H. Crouan (1867).

### **robinae**

*Helotium robinae* Velen., Monogr. Discomyc. Boh. 1: 188, 2: pl. 20/29, 1934  
Type: On wood of *Robinia pseudacacia*, Czech Rep. (Czechoslovakia); lectotype: PRM 147256 (designat. by Svrček, l. c.)  
Probably conspecific with *Phaeohelotium imberbe* (Svrček, Sborn. Nar. Muz. Praha 40B: 173, 1985).

### **roburis**

*Helotium pruni* var. *roburis* Velen., Monogr. Discomyc. Boh. 1: 185, 1934.  
Type: On *Quercus*, *Betula*, Czech Rep. (Czechoslovakia); syntypes: PRM 147489, PRM 148043 (on *Quercus pedunculata*), PRM 149832, PRM 150143 (on *Quercus*), PRM 150241  
= *Hymenoscyphus vernus* [fide Svrček, Sborn. Nar. Mus. Praha 40B: 170, 1985]  
≡ **Phaeohelotium vernum**

### **roburneum**

*Helotium roburneum* Velen., Monogr. Discomyc. Boh. 1: 184 [2: pl. 19, fig. 6, pl. 20, fig. 20], 1934  
Type: On rotten wood of *Rosa*, Czech Rep. (Czechoslovakia); lectotype: PRM 148755 (designat. by Svrček, l. c.)  
Probably conspecific with *Phaeohelotium imberbe* (Svrček, Sborn. Nar. Mus. Praha 40B: 174, 1985).

### **robustellum**

*Helotium punctatum* f. *robustellum* Sacc., Michelia 1: 426, 1878  
Type: On fallen leaves of *Quercus*, Italy; holotype: ? PAD  
= **Calycellina rubescens (Mouton) Van Vooren**, Bull. mens. Soc. linn. Lyon 74 (Num. spéc.): 7, 2005

### **robustus**

*Helotium robustus* (P. Karst.) P. Karst., Bidr. Känned. Finl. Natur Folk 19: 119, 1871  
**Hymenoscyphus robustior (P. Karst.) Dennis**, Persoonia 3: 75, 1964  
≡ *Peziza rhodoleuca* subsp. *robustior* P. Karst., Not. Sälls. Flora Fauna Fen. 10: 139, 1869  
Type: On rotten stems of *Phragmites communis*, *Scirpius maritimus*, *Typha latifolia*, Finland; syntype: Fungi Fenniae Exsicc. 10: 923, K(M) 2 spec.

### **robustus**

*Helotium glanduliforme* f. *robustus* Rehm, Hedwigia 24: 227, 1885  
Type: On dry stems of *Trifolium pallescens*, Italy; syntype: Ascomyceten 17: 810, S F11638, ? NY 01169468; lectotype: S F11640 (designat. by Carpenter, l. c.)  
= **Crocicreas cyathoideum var. cacaliae** [fide Carpenter, Mem. New York Bot. Gard. 33: 78-79, 1981]

### **rokebyense**

*Helotium rokebyense* Svrček, Čes. Mykol. 16: 113, 1962  
**Hymenoscyphus rokebyensis (Svrček) Mattheis**, Mitt. Thurgau. Naturf. Ges. 43: 157, 1979  
Type: On cupules of *Fagus sylvatica*, Slovakia (Czechoslovakia); holotype: PRM 614225

### **rosarum**

*Helotium pani* var. *rosarum* Velen., Monogr. Discomyc. Boh. 1: 186, 1934.  
Type: no authentic material found in PRM (Svrček, Sborn. Nar. Mus. Praha 40B: 167, 1985)

### roseipes

*Helotium roseipes* Velen., Monogr. Discomyc. Boh. 1: 192 (2: pl. 20, fig. 21), 1934  
Type: On stems of *Solidago virgaurea*, *Urtica dioica*, *Galeopsis versicolor*, Czech Rep. (Czechoslovakia); lectotype: PRM (designat. by Svrček, l. c.)  
= *Cyathicula coronata* [fide Svrček, Sborn. Nár. Mus. Praha 40B: 174, 1985] ≡ ***Cyathicula coronata***

### roseipes

*Helotium loti* var. *roseipes* Velen., Monogr. Discomyc. Boh. 1: 191, 1934  
Type: On stem of *Centaurea jacea*, Czech Rep. (Czechoslovakia); holotype: PRM. 147590  
= ***Hymenoscyphus discretus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 156, 1985]

### roseorubrum

*Helotium roseorubrum* P. Crouan & H. Crouan, Fl. Finistère 48, 1867  
Type: On ground, France; holotype: ? CO

### rosuleus

*Hymenoscyphus rosuleus* (Quél.) Kuntze, Revis. gen. pl. 3(2): 486, 1898  
*Helotium rosuleum* (Quél.) Boud., Hist. classific. Discomyc. Europe 112, 1907  
Type: On decaying stems, France; holotype not located

### rozei

*Hymenoscyphus rozei* (Quél.) Kuntze, Revis. gen. pl. 3(2): 486, 1898  
≡ *Peziza rozei* Quél., Grevillea 8: 38, 1879  
Type: On dead stems of *Helleborus foetidus*, France; S has two specimens (ex herb. Bresadola, ex herb. Rehm) from France on *Helleborus foetidus* that may represent orig. mat. This a member of *Psilachnum* (Baral in litt., Oct. 2014).

### rubens

*Helotium rubens* Sacc. & Roum., Rev. Mycol. (Toulouse) 6: 28, 1884  
Type: On bark of *Rhamnus*, Belgium; holotype: ? PAD

### rubescens

*Helotium rubescens* Velen., Opera Bot. Čech. 4: 121, 1947  
Type: On a cone of *Pinus*, Czech Rep. (Czechoslovakia); holotype: PRM 148127  
= ***Weinmannioscyphus messerschmidii*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 175, 1985]  
Homonym of *Helotium rubescens* P. Crouan & H. Crouan (1867).

### rubescens

*Helotium rubescens* P. Crouan & H. Crouan, Fl. Finistère 49, 1867  
Type: On roots of grasses, France; holotype: CO  
Le Gal (Rev. Mycol. 18: 108, 1953) noted that the specimen in Crouan's collection has the structure of a *Rutstroemia*.

### rubescens

*Helotium rubescens* (Saut.) Rehm, Pilze Deutschl., Hyster. Discomyc. 775, 1893  
*Hymenoscyphus rubescens* (Saut.) Kuntze, Revis. gen. pl. 3(2): 486, 1898  
≡ *Peziza rubescens* Saut., Mitt. Ges. Salzburg. Landesk. 13: 160, 1873 [Hedwigia 15: 151, 1876]  
Type: On wood, Austria; holotype: W  
≡ ***Bisporella rubescens* (Saut.) S. E. Carp.**, Mem. New York. Bot. Gard. 33: 250, 1981  
Homonym of *Helotium rubescens* P. Crouan & H. Crouan (1867).

### rubi

*Helotium scutula* f. *rubi* Rehm, Hedwigia 24: 229, 1885  
Type: On *Rubus*, Hungary; syntype: Ascomyceten 17: 808, S F64004, S F64005, H (as isotype by Lizoň, Mycotaxon 45: 45, 1992)  
= *Helotium scutula* [fide White, Mycologia 34: 159, 1942] ≡ ***Hymenoscyphus scutula***

### rubi

*Helotium rubi* (Lib.) Sprée, in Rabenhorst, Fungi Eur. Exsicc. Klotzsch. Herb. Vivi Mycol. 8: 717, 1865  
≡ *Patellaria rubi* Lib., Pl. crypt. Arduenna 3: 23, 1834  
Type: On *Rubus*, ? Belgium; syntype: Pl. crypt.

Arduenna, fasc. 3(Liège): 231  
≡ ***Pezizula rubi* (Lib.) Niessl**, in Rabenhorst, Fungi Eur. Exsicc. Klotzsch. Herb. Vivi Mycol. 21: 2122, 1876

### **rubri**

*Helotium herbarum* f. *rubri* Rehm, Hedwigia, 24 (6): 230, 1885

Type: any substrate and any locality in the protologue; syntype: Ascomyceten 17: 811, S F64026

? = *Calycina herbarum*

### **rubicola**

*Helotium fructigenum* f. *rubicola* (Fr.) Fr., Summa veg. Scand., sect. post. 355, 1849

*Hymenoscyphus rubicola* (Fr.) Kuntze, Revis. gen. pl. 3(2): 486, 1898

*Helotium rubicola* ['*rubiculum*'] (Fr.) Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 314, 1870

≡ *Peziza fructigena* var. *rubicola* Fr., Syst. mycol. 2: 119, 1822

Type: On dry twigs of *Rubus caesius*, *Rosa pimpinellifolia* etc., ? Sweden; holotype not located

### **rubicola**

*Helotium rubicola* Velen., Monogr. Discomyc. Boh. 1: 190, 1934

Type: On shoots of *Rubus*, Czech Rep.

(Czechoslovakia); holotype: PRM 147538

= ***Hymenoscyphus epiphyllus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 175, 1985]

Homonym of *Helotium rubicola* (Fr.) Fuckel (1870).

### **rubilipes**

*Helotium rubilipes* Boud., Hist. classific.

Discomyc. Europe 111, 1907

***Hymenoscyphus rubilipes* (Boud.) Gamundí**, in Gamundí & al., Darwiniana 22: 213, 1979.

Type: On rotten twigs of *Cirsium oleraceum*, France; holotype: ? PC

### **rubroflavum**

*Helotium rubroflavum* Thind & Saini, Mycologia 59: 467, fig. 1, 1967

*Hymenoscyphus rubroflavus* (Thind & Saini)

Thin & Harnak, J. Indian Bot. Soc. 51: 47, 1972.

Type: On petioles of *Quercus incana*, India; holotype: PAN; isotypes: K(M), NY 01179515, NY 01179516 (microslide), NY 01179518 (all noted 'ex PAN, Thind 443')

≡ ***Poculum rubroflavum* (Thind & Saini)**

**Dumont**, Mycologia 68: 871, 1976

### **rudbeckiae**

*Hymenoscyphus scutula* var. *rudbeckiae* W.

Phillips, Man. Brit. Discomyc. 138, 1887

*Helotium scutula* var. *rudbeckiae* (W. Phillips)

Boud., Hist. classific. Discomyc. Europe 114, 1907

Type: On dead stems of *Rudbeckia*, United

Kingdom; holotype: K(M) 31117

= *Helotium scutula* [fide White, Mycologia 34:

160, 1942] ≡ ***Hymenoscyphus scutula***

### **rufescens**

***Hymenoscyphus rufescens* (Kanouse) T.**

**Schum.**, Mycotaxon 38: 234, 1990

≡ *Ciboria rufescens* Kanouse, Mycologia 33: 463, 1941

Type: On leaves of *Alnus*, USA; holotype: MICH 15790; isotype: NY 00915057

### **rufescens**

*Helotium virgultorum* var. *rufescens* Sacc.,

Nuovo Giorn. Bot. Ital. 38, 1917 [Notae mycol. 21: 38]

Type: On dead twigs of *Alnus glutinosa*, Italy; holotype: ? PAD

### **rufocorneum**

*Helotium rufocorneum* [,*rufo-corneum*'] Berk. & Broome, J. Linn. Soc., Bot., 14: 108, 1873

*Hymenoscyphus rufocorneus* (Berk. & Broome)

Dennis, Persoonia 3: 62, 1964

Type: On dead wood, Sri Lanka (Ceylon);

holotype: K(M)

≡ ***Dicephalospora rufocornea* (Berk. &**

**Broome) Spooner**, Helot. Australasia 272, 1987

### **rufulus**

*Hymenoscyphus rufulus* (Schwein.) Kuntze,

Revis. gen. pl. 3(2): 486, 1898

≡ *Peziza rufula* Schwein., Trans. Am. Phil. Soc.,



ser. 2 4(2): 177, 1832

Type: On wood, USA; holotype: K(M) 48767  
= ***Orbilium leucostigma* (Fr.) Fr.**, Summa veg.  
Scand., sect. post. (Stockholm): 357, 1849  
(Baral in litt., Oct. 2014)

### **rugipes**

*Helotium rugipes* Peck, Rep. (Annual) New York  
State Mus. Nat. Hist. 26: 82. 1874  
Type: On rotten wood, USA; holotype: NYS  
f002676

≡ ***Chlorosplenium rugipes* (Peck) Korf**, Bull.  
Natl. Sci. Mus., Tokyo, 4: 391, 1959

### **rumicis**

***Hymenoscyphus rumicis* ['rumexii'] M. P. Sharma**, in Khullar & M. P. Sharma, Himalayan  
bot. res. 184, 1991  
Type: On dead leaves of *Rumex* sp., India;  
holotype: PAN; isotype CUP IN-000486  
Homonym of *Hymenoscyphus rumicis* (Velen.)  
Dennis (1968).

### **rumicis**

*Helotium repandum* var. *rumicis* Velen.,  
Monogr. Discomyc. Boh. 1: 191, 1934  
Type: On stems of *Rumex crispus*, Czech Rep.  
(Czechoslovakia); lectotype: PRM 148523  
(designat. by Svrček, 1985).  
Conspecific with *Hymenoscyphus vitellinus* s.  
Svrček (Sborn. Nár. Mus. Praha 40B: 173, 1985)  
= *Hymenoscyphus menthae* (Baral in litt., Oct.  
2014 – according to type study).

### **rumicis**

***Hymenoscyphus rumicis* (Velen.) Dennis**,  
Brit. Ascom. 125, 1968  
*Septatium rumicis* Velen., Monogr. Discomyc.  
Boh. 1: 213, 1934  
Type: On fruit of *Rumex*, Czech Rep.  
(Czechoslovakia); holotype: ? PRM

### **rumicis**

*Helotium scutula* var. *rumicis* Ade, Allg. Bot. Z.  
Syst. 30-31: 20, 1926  
Type: On seed of *Rumex alpina*, Germany;  
holotype not located  
? = *Hymenoscyphus scutula*

### **sabinae**

*Helotium sabinae* Fuckel, Jahrb. Nass. Ver.  
Naturk. 23-24: 313, 1870  
*Hymenoscyphus sabinae* (Fuckel) Kuntze, Revis.  
gen. pl. 3(2): 486, 1898  
Type: On dry leaves and twigs of *Juniperus*  
*sabina* and *J. communis*, Germany; holotype  
not located  
≡ ***Chloroscypha sabinae* (Fuckel) Dennis**,  
Kew Bull. 1954: 410, 1954

### **sabranskyanum**

*Helotium sabranskyanum* (Bäumler) Bánhegyi,  
Borbasia 1: 83, 1939  
≡ *Humaria sabranskyana* Bäumler, Verh.  
Vereins Natur-Heilk. Pressburg, ser. n. 9: 162,  
1897  
Type: Under *Thuidium abietinum* (on ground?),  
Slovakia (Hungarian Empire); holotype not  
located in BP  
The species is usually presented as *Humaria*  
but Svrček (Čes. Mykol. 35: 135, 1981) found  
out that the specimen has inoperculate asci  
and it is probably a member of *Pachydisca*.

### **sacchariferus**

*Hymenoscyphus sacchariferus* (Berk.) Lindau,  
in Engler & Prantl, Nat. Pflanzenfam. 1(1): 204,  
1897  
≡ *Peziza saccharifera* Berk., Berk., Grevillea 3:  
157, 1875  
Type: On *Liquidambar*, USA; holotype K(M)  
35322  
A member of *Orbilium* (Baral in litt., Oct. 2014).

### **saccicola**

***Hymenoscyphus saccicola* Svrček**, in Holm &  
Nannfeldt, Thunbergia 10: 17, 1990  
Type: On old decaying sacking, Sweden;  
holotype: UPS BOT F-117998; isotypes: Fungi  
Exsicc. Suecici 67: 3342, K(M), BPI 1110052,  
UPS BOT F-005486, S F10538

### **salicellum**

*Helotium salicellum* (Fr.) Fr., Summa veg.  
Scand., sect. post. 356, 1849  
***Hymenoscyphus salicellus* (Fr.) Dennis**,  
Persoonia 3: 73, 1964

≡ *Peziza salicella* Fr., Syst. mycol. 2: 133, 1822  
Type: On twigs, ? Sweden; holotype not located

Boudier (Hist. classific. Discomyc. Europe 113, 1907) presented erroneously the species as '*Helotium salicellum* Hazsl., Ein. Disc., p. 14' but there is no such epitet in Hazslinszky's paper.

### **salicinum**

*Helotium virgultorum* var. *salicinum* (Pers.) Fr., Summa veg. Scand., sect. post. 355, 1849

*Helotium salicinum* (Pers.) Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 314, 1870

*Hymenoscyphus salicinus* (Pers.) Kuntze, Revis. gen. pl. 3(2): 486, 1898

≡ *Peziza salicina* Pers., Syn. meth. fung. 663, 1801; Fries, Syst. mycol. 2: 119, 1822

Type: On twigs of *Salix*, ? Germany; holotype: L 0054585 (910261543)

? = *Hymenoscyphus fructigenus*

### **salmanovicensis**

***Hymenoscyphus salmanovicensis* Svrček**, Čes. Mykol. 32: 157, 1978

Type: On dead leaves of *Eriophorum vaginatum*, Czech Rep. (Czechoslovakia); holotype: PRM (Svrček, l. c.)

### **sambucinum**

*Helotium sambucinum* P. Crouan & H. Crouan, Fl. Finistère 49, 1867

Type: On dead branches of *Sambucus*, France; holotype: ? CO

### **sanguineum**

*Helotium sanguineum* Velen., Monogr. Discomyc. Boh. 1: 195 [2: pl. 19, fig. 25], 1934

Type: On trunk of *Abies*, Czech Rep. (Czechoslovakia); holotype: PRM 148485

≡ ***Cystopezizella sanguinea* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 175, 1985

### **saprophyllum**

*Helotium saprophyllum* Cooke & Peck, in Peck, Rep. (Annual) New York State Mus. Nat. Hist. 29[1875]: 55, 1878

Type: On fallen leaves, USA; holotype: NYS f 002713; isotypes: K(M), FH 00433689

= *Helotium naviculisporum* [fide White, Mycologia 34: 169, 1942] = ***Hymenoscyphus caudatus***

### **sarmentorum**

*Helotium sarmentorum* De Not., Comm. Soc. Crittog. Ital. 1: 379, 1863

Type: On twigs of *Vitis vinifera*, Italy; holotype not located

≡ ***Calycella sarmentorum* (De Not.) Boud.**, Hist. classific. Discomyc. Europe 96, 1907

### **sasicola**

***Hymenoscyphus sasicola* ['sasaecola'] I. Hino & Katum.**, Bull. Fac. Agric. Yamaguti Univ. 10: 182, 1959

Type: On dead leaf-sheat of *Sasa tambaensis*, Japan; holotype not located

### **sauciellum**

*Helotium sauciellum* (P. Karst.) P. Karst., Bidr. Känned. Finl. Nat. Folk 19: 143, 1871

*Hymenoscyphus sauciellus* [,sanciellus'] (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 486, 1898

≡ *Peziza sauciella* P. Karst., Fungi Fenn. Exsicc. 6: 549, 1866 [Not. Sällsk. Fauna et Fl. Fenn. Förh. 10: 185, 1869]

Type: On wood of twigs of *Alnus incana*, Finland; syntype: Fungi Feniae Exsicc. 6: 549, S F11343

≡ ***Cistella sauciella* (P. Karst.) Nannf.**, Nova Acta Reg. Soc. Sci. Upsal., ser. 4, 8: 270, 1932

### **sazavae**

*Helotium sazavae* Velen., Monogr. Discomyc. Boh. 1: 197 [2: pl. 21, fig. 33], 1934

*Hymenoscyphus sazavae* (Velen.) Svrček, Sborn. Nar. Muz. Praha 50B[1984]: 176, 1985

Type: On cone of *Pinus*, Czech Rep. (Czechoslovakia); holotype: PRM 147365

= ***Hymenoscyphus lutescens*** [fide Lizoň, Mycotaxon 45: 30, 1992]

### **schenckii**

*Helotium schenckii* Henn., Bot. Jahrb. Sust.15, Beibl. 34: 16, 1892

Type: On leaves of *Marcgravia schimperiana*; holotype missing in B now (Hein, Englera)

10: 24, 1988) but Höhnel (l. c.) has studied "Original exemplar" there  
≡ **Cenangium schenckii (P. Henn.) Höhn.**,  
Sitzungsber. Kaiserl. Akad. Wiss., Math.-  
Naturwiss. Kl., Abt. 1, 118: 884, 1909

### **schimperi**

*Hymenoscyphus schimperi* (Navashin) Eckblad,  
Pollen Spores 17(3): 426, 1975  
*Helotium schimperi* Navashin, Hedwigia 27: 309  
(p. 15), 1888 (Heft 11-12, Nov.-Dec)  
Type: On *Sphagnum squarrosum*, Russia;  
holotype not cited by Redhead & Spicer (l. c.);  
issued in Ascomyceten 20: 951 (Petrovskoje,  
Rosumovskoje bei Moskau, 1888, Navaschin)  
that might be part of type (*S* has 2 spec. in  
gen. coll. *Helotium*)  
≡ **Discinella schimperi (Navashin) Redhead  
& K. W. Spicer**, Mycologia 73: 906, 1981

### **sclerogenus**

**Hymenoscyphus sclerogenus (Berk. & Curt.)  
Dennis**, Persoonia 2: 190, 1962  
≡ *Peziza sclerogena* Berk. & M.A. Curtis, in Berkeley,  
J. Linn. Soc., Bot. 10: 368, 1868  
Type: On dead wood, Cuba; holotype: K(M) 36217

### **sclerotigerus**

**Hymenoscyphus sclerotigerus Svrček**, Čes.  
Mykol. 46: 36, 1992  
Type: On living sclerotia of *Typhula* sp., Czech  
Rep. (Czechoslovakia); holotype: PRM

### **sclerotinioides**

*Hymenoscyphus sclerotinioides* ['sclerotinodes']  
(Rehm) Kuntze, Revis. gen. pl. 3(2): 486, 1898  
≡ *Pezizella sclerotinioides* Rehm, Pilze  
Deutschl., Hyster. Discomyc. 667, 1892  
Type: On sclerotia on leaves of *Rubus  
fruticosus*, Germany; syntype: Fungi Saxon.  
Exsicc. 16: 787, S F10948, S F10949, S F10950  
≡ **Pseudopeziza sclerotinioides (Rehm)  
Rehm**, Ber. Bayer. Bot. Ges. 12: 168, 1912

### **sclerotioides**

*Helotium sclerotioides* (Berk.) Berk., Outl. Brit.  
Fungol. 371, 1860  
≡ *Peziza sclerotioides* Berk., in Smith, Engl. Fl.,

Fungi, ed. 2, 5(2): 208, 1836  
Type: On wood, United Kingdom; holotype:  
K(M)  
≡ **Pachydisca sclerotioides (Berk.) Boud.**,  
Hist. classific. Discomyc. Europe 94, 1907

### **sclerotiorum**

*Helotium sclerotiorum* (Lib.) Fuckel, Fungi rhen.  
exsic. suppl. 4: 1861, 1866  
*Hymenoscyphus sclerotiorum* (Lib.) W. Phillips,  
Man. Brit. Discom. 115, 1887  
≡ *Peziza sclerotiorum* Lib., Pl. Crypt. Arduenna  
4: 326, 1837  
Type: On *Sclerotium tectum*, Belgium; syntype:  
Pl. Crypt. Arduenna 4: 326; lectotype: BR  
(designat. by Kohn, l. c.)  
≡ **Sclerotinia sclerotiorum (Lib.) de Bary**,  
Vergl. Morph. Biol. Pilze 22, 1884  
For details see Kohn (Mycotaxon 9: 378-379,  
1979).

### **scolochloae**

*Helotium scolochloae* De Not., Comment. Soc.  
Crittog. Italiana 1: 379, 1864  
Type: On stems of *Phragmites* on a roof, Italy;  
holotype not located  
≡ **Calycina scolochloae (De Not.) Baral**, in  
Baral & al., Mycosystema 32: 423, 2013

### **scoparium**

*Helotium scoparium* Cooke, Grevillea 4: 111,  
1876  
Type: On dead twigs of broom, United  
Kingdom; holotype: K(M) 49238  
≡ **Pezicula scoparia (Cooke) Dennis**, British  
cup fungi 109, 1960

### **scrupulosum**

*Helotium scrupulosum* (P. Karst.) P. Karst., Not.  
Sällsk. Fauna Flora Fenn. Förh. 11: 240, 1870  
≡ *Peziza scrupulosa* P. Karst., Fung. Fenniae  
Exsicc. 7: 648, 1867 [Not. Sällsk. Fauna et Fl.  
Fenn. Förh. 10: 178, 1869]  
Type: [On stems of *Rubus idaeus* and *R.  
odoratus*], Finland; syntype: Fung. Fenniae  
Exsicc. 7: 648  
= **Hyalopeziza millepunctata** [fide Raitviir,  
Synops. Hyaloscyph. 34, 1970]

### **scutellatum**

*Helotium scutellatum* Kalchbr. & Cooke,  
*Grevillea* 19: 72, 1891  
Type: On dead coriaceous leaves, South Africa;  
holotype not located

### **scutula**

*Helotium scutula* (Pers.) P. Karst., Not. Sällsk.  
*Fauna Fl. Fenn.* 11: 233, 1870  
***Hymenoscyphus scutula* (Pers.) W. Phillips,**  
*Man. Brit. Discomyc.* 137, 1887  
≡ *Peziza scutula* Pers., *Mycol. Europ.* 1: 284,  
1822; Fries, *Syst. mycol.* 2: 123, 1822  
Type: On stems, ? Germany; lectotype: L  
0054587 (910261568) (designat. by Dennis,  
*Mycol. Pap.* 62: 76, 1956)

### **scutuloides**

***Hymenoscyphus scutuloides* Hengstm.,**  
*Persoonia* 16: 199, 1996  
Type: On dead herbaceous stem, the  
Netherlands; holotype: L 0053530

### **scyphiformis**

*Hymenoscyphus scyphiformis* (Wallr.) Kuntze,  
*Revis. gen. pl.* 3(2): 486, 1898  
*Helotium scyphiforme* (Wallr.) Boud., *Hist.*  
*classif. Discomyc. Europe* 114, 1907  
≡ *Peziza scyphiformis* Wallr., *Fl. krypt. Germ.* 2:  
491, 1833  
Type: On dry stems of *Chlorophyllum*,  
Germany; holotype not located

### **seaveri**

*Helotium citrinulum* var. *seaveri* Rehm, *Ann.*  
*Mycol.* 4: 67, 1906  
Type: On dead stems of *Carex* sp., USA;  
syntype: *Ascomyceten* 36: 1634, S F63336,  
S F63337, BPI 654404, FH 00433660, FH  
00433661, NY 01169402, MICH 14175  
≡ ***Chloroscypha seaveri* Rehm ex Seaver,**  
*Mycologia* 23: 248, 1931

### **sedi**

*Helotium sedi* P. Karst., Not. Sällsk. *Fauna Fl.*  
*Fenn. Förh.* 13: 446, 1874  
*Hymenoscyphus sedi* (P. Karst.) Kuntze, *Revis.*  
*gen. pl.* 3(2): 486, 1898

Type: On *Sedum acre*, Finland; holotype: H  
(Hein, l. c.)  
≡ ***Laetinaevia sedi* (P. Karst.) B. Hein,**  
*Willdenowia, Beih.* 9: 39, 1976

### **seminicola**

*Helotium seminicola* (Kienholz & Cash) Seaver,  
*N. Amer. Cup-fung. Inoperc.* 127, 1951  
≡ *Phialea seminicola* Kienholz & Cash,  
*Mycologia* 29: 82, 1937  
Type: On seed of *Alnus oregona*, USA;  
holotype: ? BPI 653578; isotype: MICH 5632  
≡ ***Ciboria seminicola* (Kienholz & E. K. Cash)**  
**Hechler,** in Hechler & Steindl, *Ber. bot. Ver.*  
*Hamburg* 12: 19, 1992

### **seminis-alni**

***Hymenoscyphus seminis-alni* Baral, Grauw.**  
**& M. Eckel,** in Baral, *Mycotaxon* 60: 250, 1996  
Type: On seed of *Alnus glutinosa*, Germany;  
holotype: M; isotype: herb. Grauwinkel

### **separabile**

*Helotium separabile* P. Karst., *Bidr. Känn. Finl.*  
*Nat. Folk.* 19: 118, 1871  
*Hymenoscyphus separabilis* (P. Karst.) Dennis,  
*Persoonia* 3: 77, 1964  
Type: On dry stems of *Rubus idaeus*, Finland;  
lectotype: S F47386 (designat. by Huhtinen &  
Scheuer, l. c.)  
≡ ***Phialina separabilis* (P. Karst.) Huhtinen &**  
**Scheuer,** *Öster. Z. Pilzk.* 4: 2, 1995

### **sepium**

*Helotium sepium* (Desm.) Sacc., *Syll. fung.* 8:  
229, 1889  
≡ *Peziza sepium* Desm., *Ann. Sci. Nat., Bot., ser.*  
3, 14: 111, 1850  
Type: On dry twigs of *Mespilus oxyacantha*,  
France; syntype: *Pl. Cryptog. Nord France* 41:  
2006  
≡ ***Pezicula sepium* (Desm.) Dennis,** *Persoonia*  
3: 65, 1964

### **septatum**

*Helotium septatum* Velen., *Opera Bot. Čech.* 4:  
120, 1947  
Type: On decaying twigs of *Betula*, Czech Rep.

(Czechoslovakia); holotype: PRM 148123  
= **Hymenoscyphus conscriptus** [fide Svrček,  
Sborn. Nár. Mus. Praha 40B: 176, 1985]

### septembrinum

*Helotium septembrinum* Velen., Monogr.  
Discomyc. Boh. 1: 202, 1934  
Type: On stems of *Alisma plantago*, Czech Rep.  
(Czechoslovakia); holotype: PRM 147258  
= *Conchatium cyathoideum* (Bull.) Svrček [fide  
Svrček, Sborn. Nár. Mus. Praha 40B: 176, 1985]  
≡ **Crocicreas cyathoideum**

### serinellum

*Helotium serinellum* (Quél.) Boud., Hist. classific.  
Discomyc. Europe 113, 1907  
Type: On cone of *Abies alba*, France; holotype  
not located  
≡ **Dasyscyphus serinellus** (Quél.) Sacc., Syll.  
fung. 8: 444, 1889

### serotinum

*Helotium serotinum* (Pers.) Fr., Summa veg.  
Scand., sect. post. 355, 1849  
**Hymenoscyphus serotinus** (Pers.) W. Phillips,  
Man. Brit. Discomyc. 125, 1887  
≡ *Peziza serotina* Pers., Syn. Meth. fung. 661,  
1801; Fries, Syst. mycol. 2: 119, 1822  
Type: On twigs, Europe; holotype missing in L  
(Dennis, Mycol. Pap. 62: 81, 1956); lectotype:  
Bolton, Hist. fung. 3: pl. 98 fig. 2, 1789 of  
*Helvella aurea* Bolton; epitype: On branch of  
*Fagus sylvatica*, Germany, KR-M 0036187 (both  
designat. by Baral & Bemann, Ascomycete.  
org 5: 109-128, 2013)  
Baral (2001) pointed out that Breitenbach &  
Kränzlin followed Dennis (1956) in considering  
*H. calyculus* and *H. serotinus* as synonymous. In  
fact, *H. serotinus* is a different species confined  
to *Fagus*, recognized mainly by the narrow,  
strongly curved spores (Baral & Bemann, l.  
c.).

### sessile

*Helotium sessile* Rodway, Pap. & Proc. Roy. Soc.  
Tasmania 1924: 103, 1925  
Type: On dead wood, Australia (Tasmania);  
holotype: K(M); isotype: NY 118430 (Masse)

fungarium note: "from type")  
≡ **Pezicula sessilis** (Rodway) Dennis, Kew  
Bull. 13(2): 348, 1958

### sessile

*Helotium imberbe* var. *sessile* (Fr.) Bres., Ann.  
Mycol. 1(2): 120 (1903)  
≡ *Peziza imberbis* var. *sessilis* Fr., Syst. mycol. 2:  
136, 1822  
Type: On old wood, ? Sweden; holotype not  
located  
? = *Phaeohelotium imberbe*

### sessilis

**Hymenoscyphus sessilis** (Thind & H. Singh)  
**S. E. Carp.**, Mem. New York Bot. Gard. 33: 254,  
1981  
≡ *Belonioscypha sessilis* Thind & H. Singh,  
Mycologia 62: 489, 1970  
Type: On herbaceous twigs, India; holotype:  
PAN; isotypes K(M), ? CUP  
*Hymenoscyphus sessilis* (Thind & Singh) M. P.  
Sharma (in Khullar & M. P. Sharma, Himalayan  
Bot. Res. 168, 1991) is a superfluous name.

### setipes

*Helotium juniperinellum* var. *setipes* P. Karst.,  
Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 214, 1870  
Type: On dead mosses, Finland; holotype: ? H

### shimlensis

**Hymenoscyphus shimlensis** M. P. Sharma,  
in Khullar & M. P. Sharma, Himalayan Bot. Res.  
181, 1991  
Type: On dead herbaceous stems, India;  
holotype: PAN; isotype: CUP IN-000476

### simile

*Helotium simile* Sacc. & Roum., Relv. Mycol.,  
Toulouse, 6: 28, 1884  
Type: On stems of *Epilobium*, Belgium;  
holotype: ? PAD  
≡ **Calycella similis** (Roum. & Sacc.) Boud.,  
Hist. classific. Discomyc. Europe 96, 1907

### simulatus

*Hymenoscyphus simulatus* (Ellis) Kuntze, Revis.  
gen. pl. 3(2): 486, 1898

*Helotium simulatum* (Ellis) Seaver, N. Amer. Cup-fung. Inoperc. 137, 1951  
≡ *Peziza simulata* Ellis, Bull. Torrey Bot. Club 8: 73, 1881  
Type: On leaves of *Acer*, USA; holotype: NY 00914758  
= ***Moellerodiscus lentus*** [fide Dumont, Mycologia 68: 248, 1976]

### **singeri**

*Helotium singeri* Dennis, Kew Bull. 13: 463, 1959  
Type: On *Pteridophyta*, Bolivia; holotype: K(M) Singer B1415  
? = *Lambertella microspora* (Seaver) Dumont, Mycologia 66: 1040, 1974 [marked at K(M)]

### **sinicus**

***Hymenoscyphus sinicus* W.Y. Zhuang & Yan H. Zhang**, Mycotaxon 81: 38, 2002  
Type: On rotten twigs, China; holotype: HMAS 71818

### **sloaneae**

*Helotium sloaneae* Pat., Bull. Soc. Mycol. France 16: 183, 1900  
Type: On decaying petioles of *Sloania massoni*, Guadeloupe (Lesser Antilles, France); holotype: ? FH; isotype: ? CUP  
? = *Helotium rufo-corneum* (Dumont, Mycotaxon 12: 256, 1980) ≡ *Dicephalospora rufocornea*

### **smardae**

*Helotium smardae* Velen., Novit.mycol. 139, [1939] 1940  
Type: On dist of a pond [roots of grasses], Czech Rep. (Czechoslovakia); holotype: PRM 148840  
= ***Lachnum pygmaeum*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 177, 1985]

### **smilacinae**

*Helotium smilacinae* Velen., Monogr. Discomyc. Boh. 1: 202 (2: pl. 23, fig. 43. 44), 1934  
Type: On roots of *Smilacina bifolia*, Czech Rep. (Czechoslovakia); no authentic material in PRM

### **solani**

*Hymenoscyphus cyathoides* var. *solani* (Pers.) W. Phillips, Man. Brit. Discomyc. 141, 1887  
*Hymenoscyphus solani* (Pers.) O. Kuntze, Rev. Gen. P. 3(2): 484, 1898  
*Helotium solani* (Pers.) Boud., Hist. classific. Discomyc. Europe 114, 1907  
≡ *Peziza solani* Pers., Obs. Mycol. 2: 80, 1799  
Type: On stems of *Solanum tuberosum*, ? Germany; holotyp not located in L  
= ***Crocicreas cyathoides*** [fide Carpenter, Mem. New York Bot. Gard. 33: 66-67, 1981]

### **solani**

*Helotium scutula* var. *solani* P. Karst., Not. Salls. Fauna Fl. Fenn. Forh. 11: 234, 1870  
*Hymenoscyphus scutula* var. *solani* (P. Karst.) S. Ahmad, Ascomycetes of Pakistan 1: 207, 1978  
Type: On dry stems of *Solanum tuberosum*, Finland; holotype: ? H  
= ***Hymenoscyphus macroguttatus*** [fide Baral & al., Sydowia 26: 158, 2006]  
*Hymenoscyphus scutula* var. *solani* (P. Karst.) Korf & W.Y. Zhuang (Mycotaxon 22: 500, 1985) is a superfluous name.

### **soleniiformis**

*Hymenoscyphus soleniiformis* (Berk. & M.A. Curtis) Kuntze, Revis. gen. pl. 3(2): 486, 1898  
≡ *Peziza soleniiformis* Berk. & M.A. Curtis, in Berkeley, Grevillea 3: 160. 1875  
Type: On dead wood, USA; holotype: ? K(M)

### **solitarium**

*Helotium solitarium*, Velen., Monogr. Discomyc. Boh. 1: 196, 1934  
Type: On trunk of *Juniperus*, Czech Rep. (Czechoslovakia); no authentic material in PRM

### **sommierianum**

*Helotium sommierianum* Magnus, Nuovo Giorn. Bot. Ital. 25: 108, pl. 3, fig. 1, 1893  
Type: On cones (strobili) of *Lycopodium clavatum*, Russia (Siberia); holotype: HBG  
? = *Crocicreas cyathoides*

### **sordidatum**

*Helotium sordidatum* P. Karst. & Starb., in

Karsten, Hedwigia 27: 124, 1887  
*Hymenoscyphus sordidatus* (P. Karst. & Starb.)  
Kuntze, Revis. gen. pl. 3(2): 486, 1898  
Type: On decaying leaves of *Spiraea ulmaria*,  
Finland; holotype: S F92461  
= *Helotium caudatum* [fide White, Farlowia 1:  
151, 1943] ≡ ***Hymenoscyphus caudatus***

#### **sordidulum**

*Helotium sordidulum* Speg., Bol. Acad. Nac.  
Cienc. Córdoba 11(2): 265, 1888  
*Hymenoscyphus sordidulus* (Speg.) Kuntze,  
Revis. gen. pl. 3(2): 486, 1898  
Type: On *Fagus betuloides*, Argentina;  
holotype: LPS 28143  
≡ ***Pezizella sordidula* (Speg.) Sacc.**, Syll. fung.  
8: 280, 1889

#### **sordidum**

*Helotium sordidum* W. Phillips, in Cooke,  
Grevillea 15: 17, 1886  
Type: Under rotten wood. New Zealand;  
holotype: K(M); isotype: PDD 40403  
Homonym of *Helotium sordidum* (Fuckel)  
Rehm (1878). New name: *Helotium*  
*subsordidum* Dennis (Kew. Bull. 15: 310, 1961).

#### **sordidum**

*Helotium sordidum* (Fuckel) Rehm, Ber.  
Naturhist. Ver. Augsburg 26: 101, 1881  
*Hymenoscyphus sordidus* (Fuckel) W. Phillips,  
Man. Brit. Discomyc.: 144, 1887  
≡ *Peziza sordida* Fuckel, Fungi Rhenani Exsicc.  
6: 2078, 1867; [Bot. Zeitung 27(10): 166, 1869]  
Type: On *Rosa canina*, Germany; syntype:  
Fungi Rhenani Exsicc. 6: 2078, S F91992  
= *Hymenoscyphus vulgaris* [fide Müller, Beitr.  
Kryptfl. Schweiz 15: 49, 1977] ≡ ***Calycina***  
***vulgaris***  
Homonym of *Helotium sordidum* W. Phillips  
(1886). New name: *Helotium fuckelii* Masee  
(Brit. fung.-fl. 4: 239, 1895).

#### **sowerbyi**

*Helotium sowerbyi* (Cooke) Masee, Brit. fung.-  
fl. 4: 248, 1895  
≡ *Peziza sowerbyi* Cooke, Mycografia 1: [32], pl.  
15, fig. 55, 1875 (new name for *Peziza araneosa*

Bull. sensu Sowerby, Engl. Fungi pl. 369, fig. 5,  
1797)

Type: On wood and bark of *Salix*; holotype: ?  
K(M)

= *Peziza subferruginea* Nyl. [fide Nannfeldt,  
Trans. Brit. Mycol. Soc. 23: 240, 1939] =

#### ***Hymenoscyphus subferrugineus***

See also notes on taxonomy and  
nomenclature by Nannfeldt (l. c.).

#### **spadiceoatrum**

*Helotium spadiceoatrum* ['spadiceo-atrum']  
(Mont.) Sacc., Syll. fung. 8: 236, 1889

#### ***Hymenoscyphus spadiceoater* ['spadiceo- atra'] (Mont.) Dennis**, Persoonia 3: 66, 1964

≡ *Peziza spadiceo-atra* Mont., Ann. Sci. Nat.,  
Bot., ser. 2, 3: 352, 1835

Type: On leaves of *Gunnera scabra*, Chile (Juan  
Fernandez); holotype: K(M) (Dennis, l. c.) – but  
not located there

#### **sparsus**

*Helotium sparsum* Boud., Hist. classific.  
Discomyc. Europe 111, 1907

#### ***Hymenoscyphus sparsus* (Boud.) Baral**, in Krieglsteiner & Baral, Beih. Z. Mykol. 6: 137, 1985

Type: On rotten leaves of *Querus*, France;  
holotype: ? PC

No. 6 of Beihefte zur Zeitschrift für  
Mykologie was released on 1 Sept. 1985 so  
*Hymenoscyphus sparsus* (Boud.) Hengstm.  
(Persoonia 12(4): 489, 15 Nov. 1985) represents  
a superfluous name.

#### **spathicola**

*Helotium spathicola* Henn., Bot. Jahrb. Syst. 22:  
74, 1895

Type: On fallen leaves, Cameroon; holotype  
missing in B (Hein, Englera 10: 24, 1988)

#### **sphaerophoroides**

*Helotium sphaerophoroides* (W. Phillips &  
Harkn.) Sacc., Syll. fung. 8: 236, 1889

≡ *Peziza sphaerophoroides* W. Phillips & Harkn.,  
Bull. Calif. Acad. Sci. 1: 21, 1884

Type: On leaves of *Sequoia sempervirens*, USA;  
holotype: K(M) Harkness 3170

### **sphagnisedus**

#### ***Hymenoscyphus sphagnisedus* (Velen.)**

**Svrček**, Čes. Mykol. 33: 200, 1979

≡ *Belonium sphagnisedum* Velen., Monogr.

Discomyc. Boh. 1: 179 [2: pl. 4, fig. 16], 1934

Type: On living thallus of *Sphagnum*, Czech Rep. (Czechoslovakia); holotype: PRM (Svrček, l. c.)

### **sphagnum**

*Helotium sphagnum* P. Crouan & H. Crouan, Fl. Finistère 47, 1867

Type: On *Sphagnum*, France; holotype: CO

≡ ***Pachydisca sphagnum* (P. Crouan & H.**

**Crouan) Boud.**, Hist. classif. Discomyc. Europe 93, 1907

### **spicarum**

*Helotium spicarum* Rehm, Ber. Naturhist. Ver. Augsburg 26: 41, 1881

Type: On dry stems of *Nardus stricta*, Austria;

syntype: Ascomyceten 4: 158; lectotype: S

F11679 (designat. by Carpenter, Mem. New

York Bot. Gard. 33: 170, 1981), ? isotype: S

F11678 (not Ascomyceten 158)

≡ ***Crocicreas spicarum* (Rehm) S. E. Carp.**,

Brittonia 32: 271, 1980

### **spinosae**

*Helotium spinosae* Velen., Opera Bot. Čech. 4: 119, 1947

Type: On dead trunk of *Prunus spinosa*, Czech

Rep. (Czechoslovakia); holotype: PRM 148093

= *Hymenoscyphus conscriptus* [fide Svrček,

Sborn. Nár. Mus. Praha 40B: 177, 1985] =

***Hymenoscyphus virgultorum***

### **spinosae**

*Helotium fusisporum* var. *spinosae* Velen.,

Monogr. Discomyc. Boh. 1: 188, 1934

Type: On twigs of *Prunus spinosa*, Czech Rep.;

only one specimen: PRM 147765

### **spiraeeae**

*Helotium virgultorum* var. *spiraeeae* (Allesch.)

Boud., Hist. classif. Discomyc. Europe 114

(1907)

≡ *Phialea virgultorum* var. *spiraeeae* Allesch.,

Ber. Bot. Ver. Kandshut 15: 86, 1898

Type: On twigs of *Spiraea*, Germany; holotype not located

? = *Hymenoscyphus calyculus*

### **spiraeeae**

*Hymenoscyphus spiraeeae* (Roberge ex Desm.)

Kuntze, Revis. gen. pl. 3(2): 486, 1898

≡ *Peziza spiraeeae* Roberge ex Desm., Bull. Soc.

Mycol. France 4: 859, 1857

Type: On dead leaves of *Filipendula ulmaria*,

France; holotype: ? S F92002

≡ ***Calycellina spiraeeae* (Roberge ex Desm.)**

**Dennis**, Persoonia 3: 66, 1964

### **splendens**

***Hymenoscyphus splendens* Abdullah & al.**,

Trans. Brit. Mycol. Soc. 77: 475, 1981

Type: On cupules of *Fagus sylvatica* in culture, United Kingdom; holotype: IMI 255256 (2 spec.

- same no.); isotype K(M) 31119

### **stagnale**

*Helotium stagnale* Quél., Grevillea 8: 116, 1880

Type: On chips, France; holotype not located

≡ ***Ombrophila stagnalis* (Quél.) Boud.**, Hist.

classif. Discomyc. Europe 92, 1907

### **stamnarioides**

*Helotium stamnarioides* (Rehm) Velen.,

Monogr. Discomyc. Boh. 1: 190, 1934

≡ *Phialea stamnarioides* Rehm, Ann. Mycol. 5:

534, 1907

Type: On rotten stems of *Aconitum variegatum*,

Switzerland; holotype: S F12599

### **starbaeckii**

*Helotium starbaeckii* ['starbäckii'] (Rehm) Boud.,

Hist. classif. Discomyc. Europe 114, 1907

≡ *Phialea starbaeckii* ['starbäckii'] Rehm, in

Starbäck, Bih. Kongl. Svenska Vetensk.-Akad.

Handl. 21: 33, 1895

Type: On dry stems of an umbellifer, Norway;

holotype S F11684

≡ ***Crocicreas starbaeckii* (Rehm) S. E. Carp.**,

Brittonia 32: 271, 1980



### **staudtii**

*Helotium staudtii* Henn., Bot. Jahrb. Syst. 38: 128, 1905

Type: On inner side of bark of *Bahia* sp., Cameroon; holotype missing in B (Hein, Englera 10: 24, 1988); ? orig. mat.: S (gen. coll. *Helotium*, ex herb. Sydow – corresponds with the protologue)

### **stellariae**

*Helotium stellariae* Velen., Opera Bot. Čech. 4: 123, 1947

Type: On stems of *Stellaria uliginosa*, Czech Rep. (Czechoslovakia); holotype: PRM 148189  
≡ ***Lanzia stellariae* (Velen.) Spooner**, Trans. Brit. Mycol. Soc. 76: 285, 1981

### **stelleri**

*Helotium stelleri* (Weinm.) Sacc., Syll. fung. 8: 249, 1889

≡ *Peziza stelleri* Weinm., Flora 15: 456, 1832  
Type: On wet wood of *Pinus*, Russia; holotype not located  
≡ ***Calycella stelleri* (Weinm.) Boud.**, Hist. classif. Discomyc. Europe 96, 1907

### **stigmaion**

*Helotium stigmaion* Rehm, Hedwigia 21: 99, 1882

Type: On dry leaves of grasses, Austria; lectotype: On leaf of *Phleum pratense*, Austria, S F11664 (designat. by Carpenter, l. c.), isolectotype: S F92149, paratype: S F11664  
= ***Crocicreas gramineum*** [fide Carpenter, Mem. New York Bot. Gard. 33: 114, 1981]

### **stipae**

*Helotium stipae* (Fuckel) E. K. Cash, J. Wash. Acad. Sci. 44: 45, 1954

≡ *Trichopeziza stipae* Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 297, 1870  
Type: On dry leaves of *Stipa capillata*, Germany; holotype not located  
= ***Crocicreas gramineum*** [fide Carpenter, Mem. New York Bot. Gard. 33: 114, 1981]

### **stramineum**

*Helotium stramineum* P. Karst., Medel. Soc.

Fauna Fl. Fenn. 16: 27, 1888

*Hymenoscyphus stramineus* (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 486, 1898

Type: On wood of *Betula*, Finland; holotype: H; isotype: NY 01179532 (microslide “ex H”) According to Carpenter (Mem. New York Bot. Gard. 33: 256, 1981) holotype represents an *Unguicularia*.

### **stramineum**

*Helotium stramineum* Velen., Novit. mycol. 185, [1939] 1940

Type: On culms of *Triticum sativum*, Czech Rep. (Czechoslovakia); holotype: PRM 148072 Svrček (Sborn. Nár. Mus. Praha 40B: 153, 1985) used for this taxon the name *Hymenoscyphus vitellinus* but Baral (in litt., Oct. 2014) stated after studying the type that it is conspecific with *Hymenoscyphus menthae* (spores homopolar) while the type of *H. vitellinus* is a different species (spores heteropolar).

### **strangulatum**

*Helotium strangulatum* Velen., Monogr.

Discomyc. Boh. 1: 205 (2: pl. 20, fig. 40), 1934

***Hymenoscyphus strangulatus* (Velen.)**

**Svrček**, Sborn. Nár. Muz. Praha 40B: 178, 1985

Type: On leaves of various trees, Czech Rep. (Czechoslovakia); lectotype: PRM 148239 (designat. by Svrček, l. c.)

### **striatum**

*Helotium striatum* Rodway, Pap. Proc. R. Soc. Tasm. (1921): 155, 1920

Type: On rotten wood, Australia (Tasmania); holotype: ? HO, K(M) (Dennis, l. c.)

≡ ***Calycella striata* (Rodway) Dennis**, Kew. Bull. 13: 332, 1958

### **strobilinum**

*Helotium strobilinum* (Fr.) Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 313, 1870

*Hymenoscyphus strobilinus* (Fr.) W. Phillips, Man. Brit. Discomyc. 133, 1887

≡ *Peziza strobilina* Fr., Syst. mycol. 2: 125, 1822  
Type: On cones of *Abies*, ? Sweden; holotype not located

≡ ***Phialea strobilina* (Fr.) Gillet**, Champ.

France *Discomyc.* 4: 103, 1881

*Helotium strobilinum* (Fr.) Masee (*Brit. fung. fl.* 4: 267, 1895) is a superfluous name.

### **stromellum**

'*Helotium stromellum* Cooke & W. Phillips' – fungarium name

***Humaria stromella* Cooke & W. Phillips**, in *W. Phillips, Grevillea* 19: 106, 1891

### **strumosum**

*Helotium strumosum* Ellis & Everh., *J. Mycol.* 4: 56, 1888

Type: On old *Diachaena strumosa*, USA; syntypes: NY 830310, NY 830298, NY 830311, NY 830306, NY 830308, NY 830309; isosyntype: CUP D-08494

≡ ***Bisporella strumosa* (Ellis & Everh.) Korf**, in Korf & Carpenter, *Mycotaxon* 1: 59, 1974  
Lectotype not designat. either by Dennis (l. c.) or by Korf & Carpenter (l. c.).

### **struthiopteridis**

*Helotium cejpi* var. *struthiopteridis* Velen., *Monogr. Discomyc. Boh.* 1: 207, 1934

Type: On *Struthiopteris germanica*, Czech Rep. (Czechoslovakia); holotype: PRM 148074; lectotype: PRM 147432 (designat. by Svrček, l. c.)

= ***Hymenoscyphus scutula*** [fide Svrček, *Sborn. Nár. Mus. Praha* 40B: 137, 1985]

### **subaurantiacum**

*Helotium subaurantiacum* Henn. ex Sacc. *Syll. fung.* 14: 765, 1899

Type: On stumps and petioles of tree ferns, Cameroun; holotype: ? B (not mentioned by Hein, *Englera* 10: 42, 1988)

New name for *Helotium aurantiacum* Henn. (1895), a homonym of *Helotium aurantiacum* Gillet (1883).

### **subcarneus**

*Helotium subcarneum* (Schumach.) Sacc., *Michelia* 2: 260, 1881

*Hymenoscyphus subcarneus* (Schumach.) J. Schröt., *Pilze Schles.* 3(2): 69, 1893

≡ *Peziza subcarnea* Schumach., *Enum. pl. Saell.*

2: 427, 1803

Type: On rotten wood of *Betula alba*, Denmark; holotype not located

= ***Phaeohelotium carneum* (Fr.) Hengstm.**, *Mycotaxon* 107: 272, 2009

For synonymy and details see Hengstmengel (*Mycotaxon* 107: 267-276, 2009) and Baral & Krieglsteiner (*Acta Mycol.* 41: 11-20, 2006).

### **subcarneus**

*Hymenoscyphus subcarneus* (Cooke & Peck ex Sacc.) Kuntze, *Revis. gen. pl.* 3(2): 486, 1898

≡ *Phialea subcarnea* Cooke & Peck ex Sacc., *Syll. fung.* 8: 265, 1889

Type: On *Jungermania*, USA; holotype: NYS f2992 (Dennis, 1964); isotype: K(M)

≡ ***Roseodiscus subcarneus* (Cooke & Peck ex Sacc.) Baral**, *Acta Mycol.* 41: 17, 2006

Specimen at NYS is tagged as isotype but it must be the holotype "C. H. Peck 319" studied by Dennis (*Persoonia* 3: 68, 1964). For details see Hengstmengel (*Mycotaxon* 107: 267-276, 2009) and Baral & Krieglsteiner (*Acta Mycol.* 41: 11-20, 2006). *Phialea subcarnea* Cooke & Peck ex Sacc. is a new name for *Peziza subcarnea* Cooke & Peck (in Cooke, *Bull. Buffalo Soc. Nat. Sci.* 2: 295, 1875), the homonym of *Peziza subcarnea* Schumach. (1803).

### **subcastaneum**

*Helotium subcastaneum* Henn., in Saccardo, *Syll. fung.* 14: 764, 1899

New name for *Helotium castaneum* Henn., *Hedwigia* 41: 25, 1902.

### **subcinnabarinum**

*Helotium subcinnabarinum* Dennis, *Kew Bull.* 15: 310, 1961

Type: On leaves of *Elaeocarpus dentatus*, New Zealand; holotype: K(M); isotypes: PDD 19052, NY 01179533 (noted 'ex AUPD 19052'), NY 01179538, NY 01179537 (microslide) and NY 01179536 (all noted 'ex K 19052'), NY 01179534 and NY 01179535 (microslides noted 'ex PPD 19052')

≡ ***Poculum subcinnabarinum* (Dennis) Dumont**, *Mycologia* 67: 579, 1975

### **subcitrinum**

*Helotium subcitrinum* Velen., Opera Bot. Čech. 4: 120, 1947

Type: On leaves of *Populus tremula*, Czech Rep. (Czechoslovakia); holotype: PRM 148023

≡ ***Calycina subcitrina* (Velen.) Baral**, in Baral & al., Mycosystema 32: 423, 2013

Svrček (Sborn. Nár. Mus. Praha 40B: 189, 1985) transferred the species to *Psilocistella* although he noted (p. 178) that Velenovsky's holotype specimen represents a *Hyaloscypha*.

### **subcomplicatus**

***Hymenoscyphus subcomplicatus***

[***subcomplicatum***] **Thind & Singh**, J. Indian Bot. Soc. 50: 228, 1971

Type: On wood of *Cryptomeria japonica*, India; holotype: PAN; isotype K(M)

### **subconfluens**

*Helotium subconfluens* Bres., Ann. Mycol. 1: 120, 1903

Type: On stumps of *Corylus avellana*, Poland; holotype: S F10535; isotypes: S F10576, K(M)

= ***Bisporella subpallida***

### **subcorticale**

*Helotium subcorticale* Velen., Monogr.

Discomyc. Boh. 1: 187 [2: pl. 20, fig. 17], 1934

Type: On twigs of *Alnus*, Czech Rep. (Czechoslovakia); lectotype: PRM 147257 (designat. by Svrček, l. c.); syntype: on *Carpinus betulus*, PRM 148166, on trunk of *Betula*, PRM 148843

= ***Hymenoscyphus calyculus*** sensu Dennis [fide Svrček, Sborn. Nár. Mus. Praha 40B: 179, 1985]

### **subferrugineum**

*Helotium subferrugineum* (Nyl.) P. Karst., Acta Soc. Fauna Fl. Fenn. 2(6): 125, 1885

***Hymenoscyphus subferrugineus* (Nyl.)**

**Dennis**, Persoonia 3: 73, 1964

≡ *Peziza subferruginea* Nyl., Not. Sällsk. Flora Fauna Fenn. 10: 42, 1861

Type: On bark and wood of *Ribes alpinus*, Finland; holotype: H

### **subgalbulus**

***Hymenoscyphus subgalbulus* (Rehm)**

**Kuntze**, Revis. gen. pl. 3(2): 486, 1898

*Helotium subgalbulum* (Rehm) Boud., Hist. classif. Discomyc. Europe 113, 1907

≡ *Phialea subgalbula* Rehm, Pilze Deutschl., Hyster. Discom. 711, 1892

Type: On wet fallen twigs of *Salix*, Germany; holotype: S F9686

### **subgranulosum**

*Helotium subgranulosum* Rehm, Hedwigia 21: 67, 1882

*Hymenoscyphus subgranulosus* (Rehm) Kuntze, Revis. gen. pl. 3(2): 486, 1898

Type: On decaying bark of *Abies excelsa*, Germany; syntype: Ascomyceten 13: 607, S F9527, S F9529, FH 00433691; lectotype: S F9531 (designat. by Carpenter, l. c. – not Ascomyceten 607!)

? = *Cistella geelmuydenii* Nannf., Nova Acta Reg. Soc. Sci. Upsal., ser. 4, 8: 270, 1932 (noted by Carpenter, 1979, on the lectotype)

### **subherbarum**

***Hymenoscyphus subherbarum* Raitv. & M. P.**

**Sharma**, Eesti NSV Tead. Akad. Toim. Biol. 33: 196, 1984

Type: On dead herbasceous stems, India; holotype: PAN; isotype: TAA

### **subhyalinum**

*Helotium subhyalinum* (Rehm) Boud., Hist. classif. Discomyc. Europe 112, 1907

≡ *Phialea subhyalina* Rehm, Rabenh. Krypt.-Fl. 1(3): 1233, 1896

Type: On leaf petioles of *Acer pseudoplatanus*, Germany; holotype: S F10595

≡ ***Allophylaria subhyalina* (Rehm) Baral**, in Baral & Krieglsteiner, Beih. Z. Mykol. 6: 94, 1985  
A specimen housed in B and presented by Carpenter (Mem. New York. Bot. Gard. 33: 178, 1981) as holotype is probably an isotype.

### **sublateritium**

*Helotium sublateritium* Berk. & Broome, Ann. Mag. Nat. Hist., ser. 4, 15: 38, 1875

*Hymenoscyphus sublateritius* (Berk. & Broome)

Dennis, Persoonia 3: 75, 1964

Type: On bark and wood of a branch ['stems of herbaceous plants'], United Kingdom; holotype: K(M) 52790

= **Hymenoscyphus subferrugineus** [fide Baral in litt., Oct. 2014 – type study]

### **sublenticulare**

*Helotium sublenticulare* (Hornem.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 118, 1871

≡ *Peziza sublenticularis* Hornem., Fl. Danic. pl. 1971, fig. 3, 1829

Type: On ?, ? Denmark; holotype: ? pl. 1971, fig. 3 in Flora Danica

= **Hymenoscyphus calyculus** sensu Dennis [fide Gamundi & al., Darwiniana 42: 95, 2004]

### **subolivaceum**

*Helotium subolivaceum* P. Karst., Not. Sälls. Fauna Fl. Forh. 13: 449, 1874

Type: On petioles (of *Acer?*), Finland; holotype: ? H; isotypes: NY 01179542 (microslide) and NY 01179543 (noted 'ex H, herb. Karsten 902), NY 01179541 (noted 'ex H')

### **subpallescens**

**Hymenoscyphus subpallescens** Dennis, Kew Bull. 30: 349, 1975

Type: On bark of *Acer*, United Kingdom; holotype: K(M) 31121

### **subpallidum**

*Hymenoscyphus subpallidus* (Rehm) Kuntze, Rev. en. Pl. 3(2): 486, 1898

*Helotium subpallidum* (Rehm) Boud., Hist. classif. Discomyc. Europe 113, 1907

≡ *Phialea subpallida* Rehm, Pilze Deutschl., Hyster. Discom. 710, 1892

Type: On decayed wood of *Corylus avellana*, Germany, *Alnus*, Austria, stump of *Quercus*, Germany; syntypes: S F9677 (Austria, Lojka), S F9678 (Germany, Tavel), S F9679 (Germany, Tavel); lectotype: S F9676, on *Corylus* (designat. by Carpenter, Mem. New York Bot. Gard. 33: 259, 1981 – orig. labeled as *Helotium pallidum* Rehm)

≡ **Bisporella subpallida** (Rehm) Dennis, Brit. Ascom., ed. 2, 132, 1978

### **subrubescens**

*Helotium subrubescens* Rehm, Ann. Mycol. 7: 524, 1909

Type: On decaying twig, USA; syntype: Ascomyceten 45: 1852, K(M), S F6347, S F63478, MICH 14184, NY 01179545, NY 01179544; S F6349 (not Ascomyceten 1852 but has same data as in the protologue)

= **Lachnum pygmaeum** [fide White, Amer. Midl. Natur. 28: 516, 1942]

### **subserotinum**

*Helotium subserotinum* Henn. & E. Nyman, Monsunia 1: 33, 1900

*Hymenoscyphus subserotinus* (Henn. & E. Nyman) Dennis, Persoonia 3: 74, 1964

Type: On wood, Indonesia (Java); holotype: no spec. in B (Hein, Englera 10: 42, 1988)

≡ **Dicephalospora rufocornea** (Berk. & Broome) Spooner, Helot. Australasia 272, 1987 [? fide]

### **subsessile**

*Helotium subsessile* Schumach., Enum. Pl. Sael. 2: 415, 1803

Type: On rotten wood, Denmark; holotype not located

≡ **Calycella subsessilis** (Schumach.) Boud., Hist. classif. Discomyc. Europe 95, 1907

### **subsordidum**

*Helotium subsordidum* Dennis, Kew Bull. 15: 310, 1951

**Hymenoscyphus subsordidus** (Dennis)

**Dennis**, Persoonia 3: 74, 1964

New name for *Helotium sordidum* W. Phillips (1886), a homonym of *Helotium sordidum* (Fuckel) Rehm (1881).

### **subsymmetricus**

**Hymenoscyphus subsymmetricus** H. D.

**Zheng & W. Y. Zhuang**, Sci. China Life Sci. 56: 97, 2013

Type: On herbaceous stem, China; holotype: HMAS 264021

### subtile

*Helotium subtile* (Fr.) Fr., *Observ. Mycol.* 2: 310, 1818; *Syst. mycol.* 2: 157, 1822

*Helotium nigripes* var. *subtile* (Fr.) Sacc., *Syll. Fung.* 8: 216, 1889

*Hymenoscyphus subtile* ['*subtilis*'] (Fr.) W.

Phillips, *Man. Brit. Discomyc.* 132, 1887

≡ *Peziza nigripes* var. *subtilis* Fr., *Syst. mycol.* 2: 132, 1822

Type: On various rotten leaves, first of all of *Pinus*, Sweden; holotype not located

≡ ***Calycina subtilis* (Fr.) Baral**, in Baral &

Kriegelsteiner, *Beih. Z. Mykol.* 6: 59, 1985

Höhnelt (*Sitzungsber. Kaiserl. Akad. Wiss.,*

*Math.-Naturwiss. Cl., Abt. 1*, 127: 597, 1918)

noted that *Phialea subtilis* in *Fungi Rhenani*

*Exsicc.* 1160 might be conspecific with

*Helotium abacinum*.

### subtilissima

*Hymenoscyphus subtilissima* J. Schröt., *Pilze*

*Schles.* 3(2): 70, 1893

Type: On old cones of *Picea excelsa*, Poland;

holotype not located

### subtomentosum

*Helotium infarciens* var. *subtomentosum* Feltg.,

*Vorstud. Pilz-Fl. Luxemburg* 1 (*Ascomyc.*),

*Nachtr.* 2: 59, 1901

Type: On dry barked twig of *Salix*, Luxembourg;

holotype: ? LUX

? = *Hymenoscyphus infarciens*

### subtrabinellum

*Helotium subtrabinellum* Bres., *Ann. Mycol.* 1:

120, 1903

Type: On wood of *Alnus*, Poland; holotype: S

F10574; isotypes: K(M) (microslide), ? S F10574

= *Cistella trabinella* [fide Dennis, *Persoonia* 3:

68, 1964] ≡ ***Calycina trabinella***

### subturbinatum

*Helotium subturbinatum* Henn., *Hedwigia* 36:

233, 1897

Type: On twigs, Brazilia; holotype missing in B

(Hein, *Englera* 10: 42, 1988)

### subularis

***Hymenoscyphus subularis* (Bull.) W. Phillips**,  
*Man. Brit. Discomyc.* 122, 1887

≡ *Peziza subularis* Bull., *Hist. champ. France* 1:

236 [pl. 500, fig. 2], 1791; Fries, *Syst. mycol.* 2:

118, 1822

Type: On decaying seeds of *Helianthus annuus*,

France; holotype not located

### succineum

*Helotium succineum* Velen., *Monogr. Discomyc.*

*Boh.* 1: 200 [2: pl. 28, fig. 20, 21], 1934

***Hymenoscyphus succineus* (Velen.) Svrček**,

*Sborn. Nar. Muz. Praha* 40B: 180, 1985

Type: On grasses and *Carex*, Czech Rep.

(Czechoslovakia); ? holotype: PRM147464

(on culms of *Phragmites* and stems of *Carex*

*stricta*); syntype: PRM 148017 (on grasses)

### sulphuratum

*Helotium sulphuratum* (Fr.) W. Phillips, *Man.*

*Brit. Discomyc.* 161, 1887

***Hymenoscyphus sulphuratus* (Fr.) Van**

**Vooren & Cheype**, *Compte Rend. Ses. Mycol.*

*FMBDS FAMB* 2007: 146, 2008

≡ *Peziza sulphurata* Fr., *Syst. mycol.* 2: 72, 1822

Type: On ground among needles of *Picea*

*abies*, ? Sweden; holotype not located

The species was originally described as *Peziza*

*sulphurea* Schumacher. (*Enum. Pl.* 2: 428, 1803).

Because it was a later homonym of *Peziza*

*sulphurea* Batsch (*Elench. fung., cont. prim.*

209, 1786), Persoon (*Mycol. Eur.* 1: 296, 1822)

renamed it to *Peziza theiochroa*. We believe

that Fries (*Syst. mycol.* 2: 72, 1822) renamed

Schumacher's name to '*sulphurata*' to avoid

homonymy with Persoon's name. *Peziza*

*sulphurea* Pers. (*Tent. disp. meth. fung.* 33,

1797) was sanctioned by Fries (*Syst. mycol.* 2:

104, 1822) and probably represents a different

fungus.

### sulphurella

*Helotium galbula* var. *sulphurella* (Sacc.) Sacc.,

*Fungi italica autogr. del.* 33-36: pl. 1328, 1883

*Hymenoscyphus sulphurellus* (Sacc.) Kuntze,

*Revis. gen. pl.* 3(2): 486, 1898

≡ *Peziza galbula* var. *sulphurella* Sacc., *Atti Soc.*

Veneto-Trent. Sci. Nat., Padova, sér. 4, 4: 134, 1875

Type: On decorticated twigs of *Quercus pedunculata*, Italy; holotype: ? PAD  
? = *Micropodia galbula*

### **sulfurellum**

*Helotium sulfurellum* Ellis & Everh., Bull. Torrey Bot. Club 10: 98, 1883

Type: On fallen petioles, USA; syntype: N. Amer. Fungi 13: 1275, FH 00433692, MICH 14185

= *Helotium luteovirescens* [fide Seaver, N. Amer. Cup-fung. Inoperc. 131, 1951] ≡ **Lanzia luteovirescens**

### **sulfurinum**

*Helotium sulfurinum* Quél., Grevillea 8: 116, 1879

Type: On dry branches of *Corylus avellana*, France; holotype not located

≡ **Bisporella sulfurina** (Quél.) S. E. Carp., in **Korf & Carpenter**, Mycotaxon 1: 59, 1974

Conspecific with *Calycina claroflava*? (Baral in litt., Oct. 2014)

### **suspectus**

*Hymenoscyphus suspectus* (Nyl.) Hengstm., Persoonia 12: 489, 1985

≡ '*Peziza suspecta* Nyl., in P. Karst., Fungi Fenniae Exsicc. 8: 740, 1868 – nom. nud.

Type: On *Calamagrostis*, Finland; syntype: Karsten, Fungi Fenn. Exsic. 740, S F223291  
Hengstmengel's name is illegitimate because it was based on invalidly published name.

### **suzai**

*Helotium suzai* Svrček, Stud. Bot. Cechoslov. 9: 135, 1948

Type: On dead *Lupinus polyphyllus*, Czech Rep. (Czechoslovakia); holotype: ? PRM

= **Hymenoscyphus robustior** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 187, 1985]

### **suzannae**

*Helotium suzannae* Boud., Bull. Soc. Mycol. France 33: 18 [pl. 5, fig. 5], 1917

Type: On twigs, France; holotype: ? PC

### **sydowii**

*Helotium sydowii* (Rehm) Höhn., Oesterr. Bot. Z. 56: 468, 1906

*Hymenoscyphus sydowii* (Rehm) Tewari & Khare, J. Indian Phytopath. 25: 264, 1972  
≡ *Leucoloma sydowii* Rehm, Hedwigia 24: 2, 1885

Type: On stump of *Quercus*, Germany; syntype: Ascomyceten 16: 755, S F7036, S F10442

≡ **Octospora sydowii** (Rehm) M. Moser, in Gams, Kl. Krypt.-Fl., ed. 3, 111, 1963

### **symphoricarpi**

*Hymenoscyphus symphoricarpi* A. L. Smith, Trans. Brit. Mycol. Soc. 4[1912]: 75, 1913

Type: On rotten twigs of *Symphoricarpus racemosus*, United Kingdom; holotype: no material in K(M) (Carpenter, Mem. New York Bot. Gard. 33: 260, 1981)

Dennis (Kew Bull. 26: 469, 1972) noted that no apothecia remain but author's sketches indicate that this was *Hymenoscyphus repandus*.

### **syringicolor**

**Hymenoscyphus syringicolor**

['*syringaecolor*'] Svrček, Čes. Mykol. 29: 132, 1975

Type: On rotten leave of *Fagus sylvatica*, Czech Rep. (Czechoslovakia); holotype: PRM

### **taborense**

*Helotium taborense* Svrček, Stud. Bot. Cechoslov. 9: 135, 1948

Type: On old cone of *Picea*, Czech Rep. (Czechoslovakia); holotype: ? PRM

'*Hymenoscyphus taborense* (Svrček) Svrček' listed in online databases was never published.

### **tamaricis**

*Hymenoscyphus tamaricis* R. Galán, Baral & Ortega, Beitr. Kennt. Pilze Mitteleur. 11: 58, 1997

Type: On wood and bark of decayed twigs of *Tamarix gallica*, Spain; holotype: AH; isotypes: CUP 063894, CBS (Galán & al., l. c.)

≡ **Phaeohelotium tamaricis** (R. Galán, Baral

**& A. Ortega) Baral, R. Galán & G. Platas,**

*Mycosystema* 32: 420, 2013

**tanaceti-vulgaris**

*Helotium herbarum* var. *tanaceti-vulgaris* C. Massal., Boll. Mus. Civico Storia Nat. Verona 2: 10, 1908  
Type: On stems of *Tanacetum vulgare*, Italy; holotype not located

**tasmanicum**

*Helotium tasmanicum* Rodway, Pap. Proc. R. Soc. Tasm. [1920]: 155, 1921  
Type: On dead wood, Australia (Tasmania); holotype: ? HO, isotype: K(M)

**tatrae**

*Helotium tatrae* Svrček, Čes. Mykol. 12: 228, 1958

**Hymenoscyphus tatrae (Svrček) Lizoň,**

*Mycotaxon* 44: 322, 1992  
Type: On cones of *Larix decidua* ssp. *polonicae*. Slovakia (Czechoslovakia); holotype: PRM 856642

**tectum**

*Helotium tectum* Rick, Brotéria, ser. Bot., 25: 109, 1931  
Type: On leaves, Brazil; holotype missing in PACA

**tehovense**

*Helotium tehovense* Velen., Monogr. Discomyc. Bot. 1: 201, 1934

**Hymenoscyphus tehovensis (Velen.) Svrček,**

Sborn. Nár. Mus. Praha 40B: 181, 1985  
Type: On grasses, Czech Rep. (Czechoslovakia) [May 1927]; authentic material: PRM (on rhizome, Svrček, l. c.)

**tehovense**

*Helotium tehovense* Velen., Opera Bot. Čech. 4: 122, 1947  
= **Hymenoscyphus euphorbiae (Velen.) Svrček,** Sborn. Nár. Mus. Praha 40B: 181, 1985  
Type: On stems of *Epilobium angustifolium*, Czech Rep. (Czechoslovakia) [Oct. 1941]; holotype: PRM 148028  
Homonym of *Helotium tehovense* Velen. (1934).

**telmateiae**

*Helotium telmateiae* Velen., Monogr. Discomyc. Boh. 1: 207, 1934  
Type: On *Equisetum telmateia*, Slovakia (Czechoslovakia); holotype: PRM 148938  
= ***Psilachnum inquilinum*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 181, 1985]

**temulentus**

*Hymenoscyphus temulentus* (Prill. & Delacr.) Kuntze, Revis. gen. pl. 3(2): 486, 1898  
≡ *Phialea temulenta* Prill. & Delacr., Bull. Soc. Mycol. France 8(1): 23, 1892  
Type: On seed of *Secale cerealis* cultivated in the lab, France (Paris); holotype not located  
= ***Gloeotinia granigena (Quél.) T. Schumach.,*** *Mycotaxon* 8: 125, 1979 [fide]

**tenellus**

*Hymenoscyphus tenellus* (Batsch) Gray, Nat. arr. Brit. pl. 1: 673, 1821  
≡ *Peziza tenella* Batsch, Elench. fung., Cont. prima 215 [pl. 27, fig. 151a, b], 1786  
Type: On rotten stems, Germany; holotype not located  
= *Phialea cyathoidea* [fide Saccardo, Syll. fung. 15: 272, 1900] ≡ ***Crocicreas cyathoideum***

**tenerrimum**

*Helotium tenerrimum* (Fr.) Fr., Summa veg. Scand., sect. post. 355, 1849  
≡ *Peziza tenerrima* Fr., Syst. mycol. 2: 128, 1822  
Type: On wet leaves of *Pinus silvestris*, Sweden; holotype not located

**tenerum**

*Helotium tenerum* (Saut.) Saut, Mitt. Ver. Salz. Landesk. 6: 47, 1866  
*Hymenoscyphus tener* (Saut.) Kuntze, Rev. Gen. Pl. 3(2): 486, 1898  
≡ *Peziza tenera* Saut., Flora 24: 312, 1841  
Type: On rotten leaves of *Berberis vulgaris*, Austria; holotype: envelope in W has no fungus (Keissler, Ann. Nat-hist. Mus. 31: 103, 1917)  
≡ ***Micropodia tenera (Saut.) Boud.,*** Hist. classif. Discomyc. Europe 128, 1907

### **tenuiculum**

*Helotium tenuiculum* (P. Karst.) P. Karst., Bidr. Känn. Finl. Nat. Folk 19: 149, 1871  
≡ *Peziza tenuicula* P. Karst., Not. Fauna Fl. Fenn. 10: 178, 1869  
Type: On stems of *Cerefolium sylvestre*, Finland; holotype: ? H  
≡ ***Cistella tenuicula* (P. Karst.) Raschle**, Nova Hedwigia 30: 665, 1979  
Raitviir (Synops. Hyaloscyph. 79, 1970) treated the species in *Clavidisculum*.

### **tenuissimus**

*Hymenoscyphus tenuissimus* (Quél.) Kuntze, Revis. gen. pl. 3(2): 486, 1898  
*Helotium tenuissimum* (Quél.) Boud., Hist. classific. Discomyc. Europe 112, 1907  
≡ *Peziza tenuissima* Quél., Grevillea 8: 38, 1879  
Type: On leaves of grasses, France; holotype: ? PC; isotype: K(M) Cook coll. (Dennis, Kew Bull. 17: 370, 1963)  
≡ ***Lachnum tenuissimum* (Quél.) Korf & W.Y. Zhuang**, Mycotaxon 22: 501, 1985

### **terrestre**

*Helotium terrestre* Feltg., Vorstud. Pilz-Fl. Luxemburg 1 (Ascomyc.), Nachtr. 3: 64, 1903  
Type: On clay, Luxemburg; holotype: ? LUX  
Probably conspecific with *Phaeohelotium geogenum* (Baral & al., Mycosystema 32: 413, 20). Homonym of *Helotium terrestre* Berk. & Broome (1883).

### **terrestre**

*Helotium terrestre* Berk. & Broome, Trans. Linn. Soc. London, Bot., ser. 2, 2: 69, 1886  
Type: On damp earth, Australia; holotype: K(M) 179947; isotypes: NY 01179549 (microslide) and NY 01179550 (noted 'ex K, Bailey 229')  
= ***Phaeohelotium baileyana* Baral & R. Galán**, in Baral & al., Mycosystema 32: 413, 2013

### **terrigenum**

*Helotium terrigenum* Cooke & W. Phillips ex Masee, Brit. fung.-fl. 4: 238, 1895  
Type: On branches buried in the ground, United Kingdom; holotype: ? K(M); isotype:

NY 01179451 (noted 'The Type inscribed by Masee on drawing')

### **testaceum**

*Helotium testaceum* (Moug.) Berk., Outl. Brit. fung.: 372, 1860  
≡ *Peziza testacea* Moug., in Fries, Elench. fung. 2: 11, 1828; Fries, Syst. mycol. 3(index): 138, 1832  
Type: On ?, ? France; holotype not located  
≡ ***Iodophanus testaceus* (Moug.) Korf**, in Kimbrough & Korf, Am. J. Bot. 54(1): 19, 1967

### **tetra-ascosporum**

*Helotium tetra-ascosporum* ['*tetrascosporum*'] Rea, Trans. Brit. Mycol. Soc. 3: 129, May 1910  
Type: On dead stems of *Phalaris arundinacea*, United Kingdom; holotype not located

### **tetracladius**

***Hymenoscyphus tetracladius* Abdullah & al.**, Trans. Brit. Mycol. Soc. 77: 477, 1981  
Type: On submerged leaves of *Fagus*, United Kingdom; holotype: K(M) - IMI 25560 (2 spec. – same no.)

### **tetrasporum**

*Helotium tetrasporum* (Feltg.) Boud., Hist. classific. Discomyc. Europe 111, 1907  
≡ *Phialea tetraspora* Feltg., Vorstud. Pilz-Fl. Luxemb. 1 (Ascomyc.), Nachtr. 2: 51, 1901  
Type: On inner side of fruitshell of *Aesculus hippocastanum*, Luxemburg; lectotype: FH (designat. by Carpenter, l. c.); isolectotype: K(M)  
≡ ***Bisporella tetraspora* (Feltg.) S. E. Carp.**, Mem. New York Bot. Gard. 33: 262, 1981

### **teucrii**

*Helotium teucrii* (Fuckel) Höhn., Mitt. Bot. Inst. TH Wien 2(3): 105, 1926  
≡ *Niptera teucrii* Fuckel, Jahrb. Nassau. Ver. Naturk. 25-26: 335, 1871  
Type: On dry stems of *Teucrium scorodonium*, Germany; syntype: Fungi Rhenani Exsicc. 24(9): 2378; S F76376, S. F76375 (both Herb. Barbey-Boissier/Herb. Fuckel 1894 – with the same data as Fungi Rhenani Exsicc. 2378)



= ***Calycellina chlorinella* (Ces.) Dennis**, Kew Bull. 30: 350, 1975 [fide Baral & Krieglsteiner, Beig. Z. Mykol. 6: 52, 1985]

### **thujinum**

*Helotium thujinum* Peck, Rep. (Annual) New York State Mus. Nat. Hist. 26[1873]: 82, 1874  
Type: On fallen branchlets of *Thuja occidentalis*, USA; holotype: NYS f003182(part), NYS-f003639 (part)

= ***Pithya cupressina* (Pers.) Fuckel**, Jahrb. Nassau. Ver. Naturk. 23-24: 317, 1870 [fide Seaver, N. Amer. Cup-fung. Operc. 78, 1928]

### **thymicola**

*Helotium thymicola* ['*thymicum*'] Velen., Opera Bot. Čech. 4: 122, 1947

Type: On stems of *Thymus*, Czech Rep. (Czechoslovakia); holotype: PRM 148070

= ***Hymenoscyphus euphorbiae*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 181, 1985]

### **tigillare**

*Helotium tigillare* (P. Karst.) P. Karst., Not. Sälls. Fauna Fl. Fenn. Forh. 11: 240, 1870

*Hymenoscyphus tigillaris* (P. Karst.) Kuntze, Revis. gen. pl. 3(2): 486, 1898

≡ *Peziza tigillaris* P. Karst., Not. Sälls. Fauna Fl. Fenn. Forh. 10: 184, 1869

Type: On wood of conifer, Finland; holotype: H

≡ ***Hyaloscypha albohyalina* var. *tigillaris* (P. Karst.) Huhtinen**, Karstenia 29: 105, 1990

### **titubans**

*Helotium titubans* Mont., in Gay, Hist. de Chile, Bot., 7: 408 [pl. 8, fig. 6], 1850

*Hymenoscyphus titubans* (Mont.) Dennis, Persoonia 3: 76, 1964

Type: On leaves, Chile; PC - 3 specimens; lectotype: PC Dumont 3085 (designat. by Dumont, Mycotaxon 12: 364 1981)

≡ ***Poculum titubans* (Mont.) Dumont**, Mycotaxon 12(2): 365, 1981

As noted by Dumont (l. c.) apothecia of specimens held in PC arise from a stroma.

### **torquatus**

*Hymenoscyphus torquatus* (Zhuang) I. Kušan &

Baral, in Baral & Bemmann, Mycology 5: 284, 2014

≡ *Lambertella torquata* Zhuang, Mycotaxon 56: 41, 1995

Type: On herbaceous stem, China; holotype: HMAS 68286

### **trabincola**

'*Helotium trabincola* [*trabinolum*]' Rehm' – fungarium name

Specimen: S F10440 (Schlesien, 1905, Buchs, ex herb. Rehm; with handwritten descr. and pencil drawing of a spore)

Listed in some online databases.

### **trabinelloides**

*Helotium trabinelloides* Rehm, Hedwigia 26: 82, 1889

Type: Auf einem entrindeten, faulenden Buchenstamm, Romania; syntype:

Ascomyceten 18: 853, S F7141; S F7139 (tagged as lectotype by Arendholz, 6/'83), S F7141 (tagged as isolectotype)

≡ ***Arachnopeziza trabinelloides* (Rehm) Korf**, Lloydia 14: 169, 1951

### **trabinellum**

*Helotium trabinellum* (P. Karst.) P. Karst., Bidr. Känned. Finl. Natur Folk 19: 126, 1871

≡ *Peziza trabinella* P. Karst., Not. Sälls. Fauna Fl. Finn. 10: 147, 1869

Type: On rotten wood, Finland; lectotype: H Karsten 2200 (Baral in litt., Nov. 2014); isotype: K(M)

≡ ***Calycina trabinella* (P. Karst.) Kuntze**, Revis. gen. pl. 3(2): 449, 1898

Placement in *Calycina* is probably not correct but the relationship to that genus is closer than to *Phaeohelotium* where Dennis (1971) placed the species (Baral in litt., Nov. 2014).

### **translucens**

*Hymenoscyphus translucens* (Gillet) Kuntze, Revis. gen. pl. 3(2): 486, 1898

≡ ***Mollisia translucens* Gillet**, Champ. France, Discomyc. 9: 212, 1887

Type: On decaying wood, France; holotype not located

### **translucens**

*Helotium translucens* W. L. White, Farlowia 1: 149, fig. 6, 1943

*Hymenoscyphus translucens* (W. L. White) Arendh., Morf.-taxon. Untersuch. Ascom. 78, 1979

Type: On leaves of *Acer* sp., USA; holotype: FH 00433693; paratypes: FH 00433694, FH 00433695

Homonym of *Hymenoscyphus translucens* (Gillet) Kuntze (1898). New name: *Hymenoscyphus whitei* Hengstm., Persoonia 12: 489, 1985.

### **trapezoideum**

*Helotium trapezoideum* Velen., Monogr. Discomyc. Boh. 1: 207 [2: pl. 20, fig. 42], 1934

Type: On leaves of *Populus tremula*, Czech Rep. (Czechoslovakia); lectotype: PRM 147469 (designat. by Svrček, l. c.); syntypes: PRM 147467, PRM 148031

= *Hymenoscyphus immutabilis* [fide Svrček, Sborn. Nár. Mus. Praha 40B: 181, 1985]

### **trichosporus**

*Hymenoscyphus trichosporus* Dougoud, Docum. Mycol. 30(120): 11, 2001

Type: On corticated twigs of *Alnus viridis*, France; holotype: G; paratype: herb. R. Dougoud

### **triste**

*Helotium triste* Sacc., Michelia 2: 379, 1881

*Hymenoscyphus tristis* (Sacc.) S. E. Carp., Mem. New York Bot. Gard. 33: 264, 1981

Type: On dead stems of *Aspidium filicis-marais*, Switzerland; holotype: PAD; isotype: NY 01179462 (microslide, noted 'ex PAD)

### **tuba**

*Helotium tuba* (Bolton) Fr., Summa veg. Scand., sect. post. 355, 1849

*Hymenoscyphus tuba* (Bolton) W. Phillips, Man. Brit. Discomyc. 126, 1887

≡ *Peziza tuba* Bolton, Hist. fung. Halifax 3: 106 [pl. 106, fig. 1], 1790; Fries, Syst. mycol. 2: 128, 1822

Type: On decayed plants, United Kingdom; holotype: ? Bolton's illustration

### **tubaeformis**

*Hymenoscyphus tubaeformis* (Bolton) Gray, Nat. arr. Brit. pl. 1: 673, 1821

New name for *Peziza tuba* Bolton (1790), homonym of *Peziza tuba* Batsch (Elench. fung., cont. prim. 122, 1783).

### **tuberosus**

*Hymenoscyphus tuberosus* (Hedw.) W. Phillips, Man. Brit. Discomyc. 113, 1887

≡ *Octospora tuberosa* Hedw., Descr. micr.-anal. musc. frond. 2: 34 [pl. 10B, fig. 1-7], 1789; Fries, Syst. mycol. 2: 58, 1822

Type: On muddy soil, Germany; holotype: ? Hedwig's illustration

≡ *Dumontinia tuberosa* (Hedw.) L. M. Kohn, Mycotaxon 9: 432, 1979

### **tumidulum**

*Helotium tumidulum* (Roberge ex Desm.) Masee, in Masee & Crossland, Fung. Fl. Yorkshire 285, 1905

*Hymenoscyphus tumidulus* (Roberge ex Desm.) Kuntze, Rev. Gen. Pl. 3(2): 486, 1898

≡ *Peziza tumidula* Roberge ex Desm., Ann. Sci. Nat., ser. 3 Bot., 16: 325, 1851

Type: On rotten leaves of *Betula*, France; syntype: Pl. Cryptog. Nord France, ed. 1, 41: 2011, FH

≡ *Hyalinia tumidula* (Roberge ex Desm.) Boud., Hist. classific. Discomyc. Europe 104, 1907

### **turbinatum**

*Helotium turbinatum* (Fuckel) Boud., Hist. classific. Discomyc. Europe 113, 1907

≡ *Leucoloma turbinata* Fuckel, Jahrb. Nass. Ver. Naturk. 23-24[1869]: 318, 1870

Type: On living mosses, Germany; syntype: Fungi Rhenani Exsicc. 12: 1179 (as *Peziza muscosum* Fr.), FH (White, Mycologia 34: 169, 1942)

≡ *Bryoscyphus turbinatus* (Fuckel) Spooner, in Kirk & Spooner, Kew Bull. 38(4): 563, 1984

### **turfaceum**

*Helotium citrinum* subsp. *turfaceum* P. Karst., Not. Sälls. Fauna Fl. Fenn. Förhan. 11: 236, 1870

Type: On soil and mosses, Finland; holotype:  
? H  
? = *Bisporella citrina*

### **turgidellum**

*Helotium turgidellum* (P. Karst.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 240, 1870  
*Hymenoscyphus turgidellus* (P. Karst.) Kuntze, Rev. Gen. Pl. 3(2): 486, 1898  
≡ *Peziza turgidella* P. Karst., Not. Fauna Fl. Fenn. 10: 179, 1869  
Type: On rotten stems of grasses, Finland; holotype: ? H  
≡ ***Calycina turgidella* (P. Karst.) Van Vooren**, Bull. Mens. Soc. Linn. Lyon 74 (spéc.): 8, 2005

### **tyrolensis**

*Hymenoscyphus tyrolensis* (Rehm) Kuntze, Rev. Gen. Pl. 3(2): 486, 1898  
≡ *Pezizella tyrolensis* Rehm, Ber. Naturhist. Vereins Augsburg 26: 31, 1881  
Type: On rotten stems of *Cirsium spinosissimum*; syntype: Ascomyceten 3: 116  
≡ ***Pezizella vulgaris* (Fr.) Sacc.**, Syll. fung. 8: 278, 1889

### **uleanum**

*Helotium uleanum* (Rehm) Dennis, Kew Bull. 9(2): 323, 1954  
≡ *Phialea uleana* Rehm, Hedwigia 39: 93, 1900  
Type: On rotten leaves, Brazil; holotype: S F9534  
≡ ***Ciboriopsis uleana* (Rehm) Dennis**, Kew Bull. 16(2): 319, 1962

### **uliginosum**

*Helotium uliginosum* (Fr.) Fr., Summa veg. Scand., sect. post. 355, 1846  
≡ *Peziza uliginosa* Fr., Syst. mycol. 2: 138, 1822  
Type: On rotten leaves and twigs, ? Sweden; holotype not located  
≡ ***Calycella uliginosa* (Fr.) Boud.**, Hist. classific. Discomyc. Europe 95, 1907

### **ulmariae**

*Helotium ulmariae* Velen., Opera Bot. Čech. 4: 121, 1947  
Type: On stems of *Filipendula ulmaria*, Czech

Rep. (Czechoslovakia); holotype: no apothecia found in the PRM specimen (Svrček, Sborn. Nár. Mus. Praha 40B: 181, 1985)  
= ***Hyalopeziza millepunctata*** [fide Raitviir, Synops. Hyaloscyph. 34, 1970]  
Homonym of *Helotium ulmariae* Roumeg. (1882).

### **ulmariae**

*Helotium ulmariae* Roumeg., Rev. Mycol. (Toulouse) 4: 102, 1882  
Type: On dry twigs of *Spiraea ulmaria*, France; syntype: Fungi Gallici Exsicc. 21: 2077, K(M), BR-MYC 087595,04, CUP Fungi Gallici, CUP D-11381

### **umbelliforme**

*Helotium umbelliforme* Pers., Mycol. eur. 1: 346, 1822  
Type: On twigs, United Kingdom; holotype: ? Bolton's illustration  
Based on *Helvella aurea* Bolton (Hist. fung. Halifax 3: 98 [pl. 98, fig. 2], 1789) that might represent an agaric.

### **umbilicatus**

*Hymenoscyphus umbilicatus* (Le Gal) Dumont, Mycotaxon 12: 368, 1981  
≡ *Pachydisca umbilicata* Le Gal, Revue Mycol., Paris 3: 133, 1938  
Type: On cupule of *Quercus*, France; lectotype: PC (designat. by Dumont, l. c.)  
≡ ***Phaeohelotium umbilicatum* (Le Gal) Dennis**, Kew Bull. 25(2): 357, 1971  
Baral & Krieglsteimer (Beih. Z. Mykol. 6: 124, 1985) consider this name a synonym of *H. epiphyllus*.

### **umbrinum**

*Helotium umbrinum* (Kanouse) Seaver, N. Amer. Cup-fung. Inoperc. 147, 1951  
≡ *Pseudociboria umbrina* Kanouse, Mycologia 36: 460, 1944  
Type: On decayed leaves of *Alnus*, USA; holotype: MICH 14416 (A. H. Smith 18933); isotypes: NY 01167760, NY 01167759, CUP K-2422  
= ***Lambertella chromoflava*** [fide Dumont,

Mycologia 66: 711, 1974]  
Dumont (Mycologia 66: 706, 1974)  
stated that many records of this species  
are misidentifications of *Lambertella*  
*chromoflava*.

#### **unctuosum**

*Helotium unctuosum* (Batsch) J. F. Gmel.,  
Systema Naturae, ed. 13, 2(2): 1442, 1792  
≡ *Helvella unctuosa* Batsch, Elench. fung., cont.  
prim. 193 [fig. 134], 1786  
Type: On wood, Germany; holotype not  
located  
≡ ***Leotia unctuosa* (Batsch) Fr.**, Syst. mycol. 2:  
31, 1822

#### **uniseptatus**

***Hymenoscyphus uniseptatus* H.D. Zheng &  
W.Y. Zhuang**, Mycotaxon 123: 23, 2013  
Type: On herbaceous stems and rotten wood  
of broad-leaved tree, China; holotype: HMAS  
188559

#### **uralense**

*Helotium uralense* Naumov, Bull. Soc. Oural.  
Amis Sci. Nat. 35: 27 (extr.) [pl. 1, fig. 16,] 1915  
Type: On bark of *Abies sibirica*, Russia; holotype  
not located

#### **urticae**

*Helotium urticae* (Pers.) P. Karst., Bidr. Känn.  
Finlands Natur Folk 19: 133, 1871  
*Hymenoscyphus urticae* (Pers.) W. Phillips, Man.  
Brit. Discomyc. 141, 1887  
≡ *Peziza urticae* Pers., Mycol. Eur. 1: 286, 1822  
Type: On dry stems of *Urtica*, ? Germany;  
Carpenter (l. c.) studied authentic specimen  
L 0111783 (9102561331) but has not formally  
designated it as lectotype (as noted in L  
database)  
= ***Crocicreas cyathoideum*** [fide Carpenter,  
Mem. New York Bot. Gard. 33: 66, 1981]

#### **ustulatum**

*Helotium ustulatum* Boud., Bull. Soc. Bot.  
France 28: 94, 1881  
Type: On decaying stem of *Polygonatum*  
*multiflorum*, France; holotype: ? PC

≡ ***Pyrenopeziza ustulata* (Boud.) Boud.**, Hist.  
classif. Discomyc. Europe 134, 1907

#### **utriculus**

*Hymenoscyphus utriculus* (Berk.) Kuntze, Revis.  
gen. pl. 3(2): 486, 1898  
≡ *Peziza utriculus* Bertero ex Berk., Ann. Mag.  
nat. Hist., Ser. 1, 3: 396, 1839  
Type: On dead wood, Chile (Juan Fernandez);  
holotype not located

#### **uveatus**

*Hymenoscyphus uveatus* (Schumach.) Kuntze,  
Revis. gen. pl. 3(2): 486, 1898  
≡ *Peziza uveata* Schumach., Enum. Pl. Saell. 2:  
430, 1803; Fries, Syst. mycol. 2: 126, 1822  
Type: On grass, Denmark; holotype not  
located  
≡ ***Pachydisca uveata* (Schumach.) Boud.**,  
Hist. classif. Discomyc. Europe 94, 1907

#### **uidulum**

*Helotium uvidulum* P. Karst., Bidr. Känned. Finl.  
Nat. Folk 19: 127, 1871  
*Hymenoscyphus uvidulus* (P. Karst.) Kuntze,  
Revis. gen. pl. 3(2): 486, 1898  
Type: On wet wood (of *Betula*?), Finland;  
holotype: ? H  
≡ ***Pezizella uvidula* (P. Karst.) Sacc.**, Syll. fung.  
8: 279, 1889

#### **vaccinii**

*Helotium vaccinii* Rehm, Hedwigia 21: 99, 1882  
Type: On dry twig of *Vaccinium uliginosum*,  
Austria; holotype: S F10439  
≡ ***Tapesia melaleucooides* var. *vaccinii* (Rehm)**  
**Rehm**, Pilze Deutschl., Hyster. Discomyc. 578,  
1891 [fide]

#### **vaccinum**

*Helotium vaccinum* (Schum.) Fr. (Summa veg.  
Scand., sect. post. 355, 1849) is based on  
*Peziza vaccinea* Schum. (Fl. Danica 33: pl. 1971,  
fig. 1, 1829). *Peziza vaccinea* Schum. (Enum.  
pl. Sael. 2: 430, 1803) occurring on dung ("In  
stercore vaccino") was cited by Fries (Syst.  
mycol. 2: 126, 1822) as "*P. vaccin.* Schum. Saell.  
p. 430." Identity of the fungus in doubtful.

### **vacini**

*Helotium vacini* Velen., Novit. mycol. 185, [1939] 1940

***Hymenoscyphus vacini* (Velen.) Baral & E. Weber**, in Weber, Untersuch. Fortpflanz. Ploidie Ascom. 121, 1992

Type: On ribs of leaves of *Acer*, Czech Rep. (Czechoslovakia); holotype: PRM 148882 Spooner (in Kirk & Spooner, Kew Bull. 38: 570, 1984) transferred the species in *Lanzia*. *Lanzia vacini* (Velen.) Svrček (Sborn. Nár. Mus. Praha 40B: 182, 1985) is a superfluous name.

### **vaginale**

*Helotium vaginale* Velen., Monogr. Discomyc. Boh. 1: 200 (2: pl. 1, fig. 26), 1934

Type: On sheaths and rhizomes of *Festuca gigantea*, Czech Rep.; lectotype: PRM 147548 (designat. by Svrček, l. c.)

= ***Hymenoscyphus repandus*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 182, 1985]

### **variabile**

*Helotium variabile* Velen., Monogr. Discomyc. Boh. 1: 199 (2: pl. 20, fig. 11), 1934

Type: On stems of *Scirpus lacustris*, Czech Rep. (Czechoslovakia); holotype: PRM 824903  
= ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 182, 1985]

### **varicosporoides**

***Hymenoscyphus varicosporoides* Tubaki**,

Trans. Brit. Mycol. Soc. 49: 346, 1966

Type: On twig submersed in a creek, Japan; holotype: IFO; isotypes: TNS, K(M)

### **vasaense**

*Helotium vasaense* (P. Karst.) P. Karst., Bidr. Känned. Finl. Nat. Folk 19: 125, 1871

*Hymenoscyphus vasaensis* (P. Karst.) Dennis, Persoonia 3: 77, 1964

≡ *Peziza vasaensis* P. Karst., Not. Sällsk. Flora Fauna Fenn. 10: 150, 1869

Type: On dead *Sphagnum*, Finland; holotype: ? H

≡ ***Phaeohelotium vasaense* (P. Karst.)**

**Svrček**, Sborn. Nár. Mus. Praha 40B: 139, 1985

### **veledae**

*Helotium veledae* Velen., Opera Bot. Čech. 4: 124, 1947

Type: On culms of *Juncus lamprocarpus* (= *J. articulatus*), Czech Rep. (Czechoslovakia); holotype: PRM 148149

= ***Hymenoscyphus scutula*** [fide Svrček, Sborn. Nár. Mus. Praha 40B: 182, 1985]

### **velhaense**

*Helotium velhaense* (Henn.) Le Gal, Discomyc. Madagascar 350, fig. 156, 1953

***Hymenoscyphus velhaensis* (Henn.) Dennis**, Persoonia 3: 74, 1964

Type: On rotten wood, Brazilia; holotype missing in B (Hein, Englera 10: 17, 1988)

### **venezuelianum**

*Helotium venezuelianum* Klotzsch ex W.

Phillips, Grevillea 19: 72, 1891

Type: On decorticated wood, Venezuela; holotype: K(M)

### **verbenae**

*Helotium verbenae* Cavara, Rev. Mycol.

(Toulouse)fdzt 11: 178 [pl. 1, fig. 2a-d], 1889

Type: On dead stems of *Verbena officinalis*, Italy; holotype not located

= *Helotium scutula* [fide White, Mycologia 34: 160, 1942]

≡ ***Hymenoscyphus scutula***

### **vernale**

*Helotium vernale* [,vernalis'] Dennis, Mycol. Pap. 62: 73, 1956

New name for *Ombrophila verna* Boud. (Bull. Soc. Mycol. France 4: 77, 1889) because of competing *Helotium vernum* Velen. (Monogr. Discomyc. Boh. 1: 196, 1934).

= ***Phaeohelotium vernum***

### **vernum**

*Helotium vernum* Velen., Monogr. Discomyc. Boh. 1: 196 [2: pl. 19, fig. 1], 1934

Type: On bark of *Picea*, Czech Rep.

(Czechoslovakia); lectotype: PRM 147596

(designat. by Svrček, l. c.); syntypes:

PRM 148182, PRM 148246; isosyntype:

K(M) (microslide)

New name: ***Hymenoscyphus codicum* Svrček**,  
Sborn. Nár. Muz. Praha, ser. 40B: 183, 1985

#### **vernus**

*Hymenoscyphus vernus* (Boud.) Dennis,  
Persoonia 3(1): 78 1964

≡ *Ombrophila verna* Boud., Bull. Soc. mycol.  
Fr. 4 : 77, 1889

Type: On rotten twigs, France; holotype: ? PC

≡ ***Phaeohelotium vernum* (Boud.) Declercq**,  
Index Fungorum 173: 1, 2014

#### **verpoides**

*Hymenoscyphus verpoides* [,verpodes'] (Saut.)  
Kuntze, Revis. gen. pl. 3(2): 486, 1898

*Helotium verpoides* (Saut.) Boud., Hist. classif.  
Discomyc. Europe 113, 1907

≡ *Peziza verpoides* Saut., Hedwigia 15: 149,  
1876

Type: On trunk, Austria; holotype: specimen  
in W has no apothecia (Keissler, Ann. Nat-hist.  
Mus. 31: 105, 1917)

#### **versatilis**

*Hymenoscyphus versatilis* (Fr.) Kuntze, Rev. Gen.  
Pl. 3(2): 486, 1898

≡ *Peziza versatilis* Fr., Summa veg. Scand., sect.  
post. 353, 1849

Type: On leaves of *Betula*, Sweden; holotype  
not located

≡ ***Tapesia versatilis* (Fr.) Boud.**, Hist. classif.  
Discomyc. Europe 139, 1907

#### **versicolor**

*Hymenoscyphus versicolor* (Quél.) Kuntze, Revis.  
gen. pl. 3: 486, 1898

*Helotium versicolor* (Quél.) Boud., Hist. classif.  
Discomyc. Europe 113, 1907

≡ *Phialea versicolor* Quél., Bull. Soc. Bot. France  
24: 329, 1877

Type: On ferns, France; neotype: On petioles of  
*Phyllitis scolopendrium*, Germany (designat. by  
Krieglsteiner & Enderle, l. c.).

≡ ***Psilachnum chrysoctenium* var. *versicolor***  
**(Quél.) Krieglst.**, in Gröger, Z. Mykol. 53: 31,  
1987

#### **versiforme**

*Helotium versiforme* (Pers.) Fr., Summa veg.  
Scand., sect. post. 356, 1849

≡ *Peziza versiformis* Pers., Icon. descr. fung. 1:  
25, 1798; Fries, Syst. mycol. 2: 130, 1822

Type: On trunks of *Picea abies*, Europe; type: L  
has two specimens

≡ ***Chlorenchloelia versiformis* (Pers.) J. R.**  
**Dixon**, Mycotaxon 1: 224, 1975

#### **vestitum**

*Helotium vestitum* Quél., Compt. Rend. Assoc.  
Franc. Avancem. Sci. 11[1882]: 407 [pl. 12, fig.  
13], 1883

Type: On dry plants, France; holotype not  
located

#### **vexativum**

*Helotium vexativum* Höhn., Mitt. Bot. Inst. TH  
Wien 3(2): 66, 1926

Type: On ?, USA; holotype not located

New name for *Pezizella acerina* Mouton (Bull.  
Soc. Roy. Bot. Belgique 36: 17, 1897) issued  
in Ascomyceten 32: 1530 (1904) and also in  
Mycoth. Germ 3: 126 (1904).

#### **viarum**

*Helotium viarum* Stärb. ex Rehm, Hedwigia 37:  
142, 1896

Type: no collecting site in the protologue;  
syntype: Ascomyceten 25: 1213, S-F10435,  
S-F10434, BR MYC 087596,05, NY 01179465  
(noted 'ex FH'), NY 01179467

#### **vibrisseoides**

*Helotium vibrisseoides* Peck, Rep. (Annual) New  
York State Mus. Nat. Hist. 32: 48. 1879

Type: On twigs of *Fraxinus* and wood  
immersed in water, United Kingdom and USA;

syntypes: NYS f3374, NYS f3375, NYS f3660

≡ ***Vibrissea vibrisseoides* (Peck) Kjøller**, Bot.  
Tidsskr. 56: 242, 1960

Peck (Bull. New York State Mus. Nat. Hist.

12: 28. 1888) indicated that his species

was synonymous with *Vibrissea turbinata*

W. Phillips and that the name *Gorgoniceps*

*turbinata* (W. Phillips) Sacc. should be adopted.

### **vile**

*Helotium vile* Rick, Brotéria, ser. Bot., 25: 114, 1931

Type: On dry leaves, Brazil; holotype: PACA 13216; isotypes: NY 01179470 (noted 'ex Rick 13216'), NY 01179471 (noted 'ex Rick herb.),' ?NY 01179469 (noted 'ex K')

### **vincae**

*Helotium vincae* (Libert) Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 316, 1870

≡ *Peziza vincae* Libert, Pl. Crypt. Arduennae, fasc. 4: 325, 1837

Type: On leaves of *Vinca minor*, Belgium; syntype: Pl. Crypt. Arduennae 4: 325, S F51940  
≡ ***Mollisia vincae* (Lib.) Dennis**, Kew Bull. 17: 374, 1963

### **violascens**

*Helotium violascens* (Rehm) Boud., Hist. classific. Discomyc. Europe 112, 1907

≡ *Ombrophila violascens* Rehm, Pilze Deutschl., Hyster. Discom. 478, 1891

Type: On logs of *Fagus*, Germany; ? syntype: Mycoth. March. 48: 4761, S F7295  
= ***Neobulgaria pura* (Pers.) Petr.**, Ann. Mycol. 19: 45, 1921

### **violascens**

*Helotium clavus* var. *violascens* (Alb. & Schwein.) Pat., Tab. anal. fung. 1: 129, 1883  
≡ *Peziza clavus* var. *violascens* Alb. & Schwein., Consp. fung. Lusat. 306 [tab. 11, fig. 5], 1805; Fries, Syst. mycol. 2: 138, 1822

Type: On fallen twigs and leaves, Germany; holotype not located  
= ***Cudoniella clavus***

### **violascens**

*Helotium cyathoideum* var. *violascens* (Alb. & Schwein.) Boud., Hist. classific. Discomyc. Europe 114, 1907

≡ *Peziza cyathoidea* var. *violascens* Alb. & Schwein., Consp. fung. Lusat. 333, 1805  
type: On leaves of *Fagus*, Germany; holotype not located  
? = *Crocicreas cyathoideum*

### **virellum**

*Helotium virellum* (P. Karst.) P. Karst., Not. Sallsk. Fauna Flora Fennica Forh. 11: 241, 1870

≡ *Peziza virella* P. Karst., Fungi Fenniae Exsicc. 7: 627, 1867

Type: On wood of *Alnus*, Finland; lectotype: H (designat. by Huhtinen, l. c.).

≡ ***Amicodisca virella* (P. Karst.) Huhtinen**, Karstenia 34: 5, 1994

### **virgultorum**

*Helotium virgultorum* (H. A. Wigg.) Fries, Summa veg. Scand., sect. post. 355, 1849

≡ *Peziza virgultorum* H. A. Wigg., Prim. Fl. Holosat. 106, 1780

Type: On wood, ?; holotype not located  
≡ ***Hymenoscyphus virgultorum* (H. A. Wigg.) W. Phillips**, Man. Brit. Discomyc. 134, 1887

This fungus has been known as *Helotium calyculus* (Sow.) Fr. but the holotype of *Peziza calyculus* Sow. represents a member of *Sclerotiniaceae* (Carpenter, Mem. New York Bot. Gard. 33: 195, 1981).

### **viridiflavescens**

*Helotium viridiflavescens* P. Karst., Hedwigia 35: 46, 1896

Type: On bark of *Alnus incana*, Finland; holotype: ? H

≡ ***Pachydisca viridiflavescens* ['viridiflavescens'] (P. Karst.) Boud.**, Hist. classific. Discomyc. Europe 95, 1907

### **viridiflavescens**

*Hymenoscyphus viridiflavescens* ['viridi-flavens'] (Rehm) J. Schrot., in Engler & Prantl, Nat. Pflanzenfam. 1(1): 204, 1897

≡ *Pezizella viridiflavescens* Rehm, Pilze Deutschl., Hyster. Discomyc. 658, 1892

Type: On bark of *Alnus*, Germany; syntype: Mycoth. Marchica 18: 1746 (as *Mollisia viridiflavescens* Rehm), S F9683, S F11330; S F11332 (same data but not issued in Mycoth. March.)

≡ ***Calycellina viridiflavescens* (Rehm) Raitv.**, Nizš. rast. griby mochoobraz. Sovet. Dal'n. Vost. 2: 334, 1991

### **viridiflavum**

*Helotium viridiflavum* ['viridi-flavum'] Rick, Brotéria, ser. Bot., 25: 115, 1931  
Type: On twigs, Brazil; holotype missing in PACA, isotype: NY 01179472 (noted "ex herb. Rick 13231")

### **viridifuscus**

*Hymenoscyphus viridifuscus* (Fuckel) Kuntze, Revis. gen. pl. 3(2): 486, 1898  
≡ *Peziza viridifusca* Fuckel, Jahrb. Nass. Ver. Naturk. 23-24: 309, 1870  
Type: On aments of *Alnus*, Austria; holotype: G  
≡ ***Ciboria viridifusca* (Fuckel) Höhn., Mitt.**  
Bot. Inst. TH Wien 3(3): 101, 1926

### **viscidipes**

'*Helotium viscidipes* Peck' – fungarium name  
Specimen: NYS f3402

### **vitellinum**

*Helotium vitellinum* Rehm, Ber. Naturhist. Ver. Augsburg 26: 124, 1881  
*Helotium scutula* f. *vitellinum* (Rehm) Rehm, Pilze Deutschl., Hyster. Discomyc. 794, 1893  
*Hymenoscyphus vitellinus* (Rehm) O. Kuntze, Rev. Gen. Pl. 3(2): 486, 1898  
Type: On stems of *Spiraea ulmaria*, Germany; syntype: Ascomyceten 11: 513, ? NY 01179473, ? NY01179474 (microslide, noted 'ex S'); lectotype: S F10431 (designat. by Carpenter, Mem. New York Bot. Gard. 33: 270, 1981 – tagged as holotype); isolectotype: S F10432 = *Helotium scutula* [fide White, Mycologia 34: 160, 1942] ≡ ***Hymenoscyphus scutula*** Baral (in litt., Oct. 2014), who studied the lectotype, found the spores smaller and without setulae thus possibly not conspecific with *H. scutula*. Svrček misinterpreted *H. vitellinus* mainly in the sense of *H. menthae*.

### **vitigenum**

*Helotium vitigenum* ['vittigenum'] (Feltgen) Boud., Hist. classif. Discomyc. Europe 115, 1907  
≡ *Phialea vitigena* Feltgen, Vorstud. Pilz-Fl. Luxemb. 1 (Ascomyc.), Nachtr. 2: 47, 1901  
Type: On dry twigs of *Vitis vinifera*, Luxembourg; holotype: ? LUX

= ***Crocicreas cyathoideum* var. *cacaliae*** [fide Carpenter, Mem. New York Bot. Gard. 33: 79, 1981]  
Homonym of *Helotium vitigenum* De Not. (1863).

### **vitigenum**

*Helotium vitigenum* De Not., Comm. Soc. crittog. Ital. 1: 377, 1863  
Type: On dry twig of *Vitis vinifera*, Italy; holotype not located  
≡ ***Hymenoscyphus vitigenus* (De Not.) Dennis**, Persoonia 3: 74, 1964

### **vitreolum**

*Helotium vitreolum* (P. Karst.) P. Karst., Not. Salsk. Fauna Fl. Fenn. Forh. 11: 240, 1870  
≡ *Peziza vitreola* P. Karst., Not. Fauna Fl. Fenn. 10: 180, 1869  
Type: On decayed wood of *Pinus* and *Betula*, Finland; syntype: Fungi Fenniae Exsicc. 6: 531; ? orig. mat.: S F64090  
≡ ***Hyaloscypha vitreola* (P. Karst.) Boud.,**  
Bull. Soc. mycol. Fr. 1: 118, 1885  
*Helotium vitreolum* (P. Karst.) P. Karst. is conserved type of *Hyaloscypha* (P. Karst.) Boud. (proposed by Huhtinen, Taxon 36: 649, 1987).

### **vitreum**

*Helotium vitreum* Velen., Opera Bot. Čech. 4: 124, 1947  
Type: On sheath of *Glyceria maxima*, Czech Rep. (Czechoslovakia); holotype: PRM 148900  
≡ ***Hymenoscyphus vitreus* (Velen.) Svrček**, Sborn. Nár. Mus. Praha 40B: 183, 1985

### **volutellum**

*Helotium volutellum* (Fr.) Boud., Hist. classif. Discomyc. Europe 112, 1907  
≡ *Peziza volutella* Fr., Syst. mycol. 2: 127, 1822  
Type: On stem of *Triticum*, Germany; holotype not located  
*Peziza volutella* is a new name for *Volutella nuda* Tode (Fung. mecklenb. sel. 1: 29, 1790).

### **vulgare**

*Helotium vulgare* (Fuckel) Höhn., Mitt. Bot. Lab. TH Wien 3: 299, 1926



≡ *Niptera vulgaris* Fuckel, Jahrb. Nass. Ver. Naturk. 27-28: 59, 1873  
Type: On rotten stumps of *Fagus* or *Betula*, Germany; syntype: Fungi Rhenani Exsicc. 8: 737  
≡ ***Lophodermium arundinaceum* f. *vulgare* (Fuckel) Rehm**, Pilze Deutschl., Hyster. Discomyc. 46, 1887

### **vulgaris**

*Hymenoscyphus vulgaris* (Fr.) Lindau, in Engler & Prantl, Nat. Pflanzenfam. 1(1): 204, 1897  
≡ *Peziza vulgaris* Fr., Syst. mycol. 2: 146, 1822  
Type: On bark of twigs of *Corylus*, ? Sweden; holotype not located  
≡ ***Calycina vulgaris* (Fr.) Baral**, Beitr. Kenntn. Pilze Mitteleur. 5: 227, 1989  
*Hymenoscyphus vulgaris* (Fr.) Raschle & E. Müll. (in Müller, Beitr. Kryptfl. Schweiz 15(1): 49, 1977) is a superfluous name.

### **whitei**

***Hymenoscyphus whitei* Hengstm.**, Persoonia 12: 489, 1985  
New name for *Hymenoscyphus translucens* (W. L. White) Arendh. (1979), a homonym of *Hymenoscyphus translucens* (Gillet) Kuntze (1898).

### **willkommii**

*Helotium willkommii* (Hartig) Wettst., Bot. Zbl. 31: 285, 1887  
≡ *Peziza willkommii* Hartig, Wichtig. Krankh. Waldbäume 98, 1874  
Type: On *Larix*, ?; holotype not located  
≡ ***Lachnellula willkommii* (Hartig) Dennis**, Persoonia 2: 184, 1962  
Buczacki (C.M.I. Descr. pathog. fungi bact. 450: 1-2, 1975) listed this fungus under the name *Trichoscyphella willkommii* (Hartig) Mammf. stating that *Lachnellula willkommii* was based on questionable precepts and had not gained wide acceptance. But the name *Lachnellula willkommii* has been accepted by most recent authors.

### **winteri**

*Hymenoscyphus winteri* (Rehm) Kuntze, Revis. gen. pl. 3(2): 486, 1898

*Helotium winteri* (Rehm) Boud., Hist. classific. Discomyc. Europe 112, 1907  
≡ *Phialea winteri* Rehm, Pilze Deutschl., Hyster. Discomyc. 726, 1893  
Type: On stems of *Aconitum*, Switzerland; holotype: S F10433  
≡ ***Pezizella winteri* (Rehm) Dennis**, Persoonia 3: 70, 1964

### **wisconsinensis**

*Hymenoscyphus wisconsinensis* ['*wisconsinensis*'] (Rehm) Tewari & Khare, J. Indian Phytopath. 24[1972]: 261, 1973  
*Humaria wisconsinensis* ['*wisconsinensis*'] Rehm, Ann. Mycol. 3: 517, 1905  
Type: On rotten stems of *Carex*, USA; holotype: S F10493

### **xeroplasticum**

*Helotium xeroplasticum* Rehm, Ascomyceten 12: 565, 1880 [Hedwigia 20: 37, 1881]  
Type: On decaying stems of *Adenostylis* sp., Germany; syntype: Ascomyceten 12: 565, S F92033, S F9688), ? NY 01179475  
Dennis (Persoonia 3: 72, 1964) noted that this seems to be a dermataceous fungus.

### **xylitum**

*Helotium xylitum* (P. Karst.) P. Karst., Not. Sällsk. Fauna Fl. Fenn. Förh. 11: 240, 1870  
≡ *Peziza xylita* P. Karst., Fungi Fenniae Exsicc. 7: 654, 1867 [Not. Sällsk. Fauna Fl. Fenn. Förh. 10: 190, 1869]  
Type: On wood of *Alnus*, Finland; syntype: Fungi Fenniae Exsicc. 7: 654  
≡ ***Mollisiella xylita* (P. Karst.) Boud.**, Hist. classific. Discomyc. Europe 142, 1907

### **yunnanense**

*Helotium yunnanense* S. H. Ou, Sinensia 7: 674, f. 3, 1936  
Type: On dead branches, China (Yunnan); holotype not located  
≡ ***Lambertella yunnanensis* (S. H. Ou) W.Y. Zhuang & Yan H. Zhang**, Taxon 51: 769, 2002

**yunnanicus**

***Hymenoscyphus yunnanicus* H. D. Zheng &**

**W. Y. Zhuang**, Mycotaxon 123: 24, 2013

Type: On rotten leaves of deciduous tree,  
China; holotype: HMAS 188561

**zenobiae**

*Helotium zenobiae* Velen., Opera Bot. Čech. 4:  
120, 1947

Type: On leaves of *Corylus*, Czech Rep.

(Czechoslovakia); holotype: PRM 148080

≡ ***Conchatium zenobiae* (Velen.) Svrček**,

Sborn. Nár. Mus. Praha 40B: 184, 1985



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