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Checklist of polypores of Costa Rica

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Lista de los hongos poliporoides de Costa Rica

Resumen. Un total de 304 especies de hongos poliporoides han sido comunicados para Costa Rica. Se incluyen tres nuevos registros para el país, *Amauroderma dubiopansum*, *Phaeolus schweinitzii* y *Rigidoporus conrescens*.

Palabras clave: Hongos poliporoides, neotrópico, Costa Rica, lista.

Abstract. A total of 304 species of polypores are registered from Costa Rica. Three new records, *Amauroderma dubiopansum*, *Phaeolus schweinitzii* and *Rigidoporus conrescens*, are reported for the country.

Key words: Polypores, neotropics, Costa Rica, checklist.

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Introduction

Costa Rica, with an extension of only 51.100 km², has a high fungal diversity, probably due to its geographical position with very changing climates and a migration of species from both the North and the South American mycoflora. Due to the lack of local mycologists, the systematic study of fungi started until the late 70's. More emphasis was given to Basidiomycetes and on this group, the polypores are probably the best known.

The polypores of Costa Rica are known by the studies of Murrill [39], Sydow [75], Lowe [33,34,35], Covington [11], Furtado [17], Carranza [3], Gómez [23,24], Carranza & Sáenz [5], Gómez & Ryvarde [25], Larsen & Cobb-Poullé [29], Carranza-Morse [6,7,8], Núñez [40, 41], Ruiz-Boyer [53,54,55], Ruiz-Boyer & Carranza [56], Núñez & Calonge [42], Carranza & Ryvarde [4], Ruiz-Boyer & Ryvarde [57], Lindblad & Ryvarde [31], Lindblad [30], Ryvarde [71,72], Mata *et al.* [37] and González-Ball *et al.*

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[26]. Since the information is scattered in the literature, this list will be a useful source for those working with tropical polypores.

Materials and methods

The present checklist includes all the species reported for the country. Nevertheless, some of the published names are omitted from the list because their type specimen is lost or their nomenclature is dubious. Those names are listed separately at the end of the checklist as doubtful species [38, 69].

The species listed here were collected by the authors and others, and are arranged in alphabetical order according to their specific epithet in each genus within each family [27]. Readers are referred to authors citations [brackets] for a good description of the species.

Specimens of the listed species are deposited in the Herbario Nacional de Costa Rica (CR), Herbario de la Escuela de Biología, Universidad de Costa Rica (USJ), Herbario del Instituto Nacional de Biodiversidad (INB), New

York Botanical Garden (NY) or in the Herbarium of the USDA at Beltsville (BPI), Maryland. Herbaria and authors abbreviations are from Holmgren *et al.* [28] and Brummitt & Powell [2], respectively.

Results and discussion

A total of 304 species, 84 genera and 16 families of polypores are known for Costa Rica. According to the information compiled, the best represented family of polypores in the country is Coriolaceae with 55 genera and 159 species, followed by Hymenochaetaceae (6,73), Ganodermataceae (3,18), Polyporaceae (3,19) and Steccherinaceae (3,8).

Most of the genera found in Costa Rica are cosmopolitan (50%), followed by tropical (30%) and boreal (20%), the following are the ones with more species reported: *Phellinus* (46), *Trametes* (18), *Polyporus* (16), *Inonotus* (13), *Perenniporia* (12), *Amauroderma* (9), *Tyromyces* (9), *Ganoderma* (8), *Rigidoporus* (8), *Antrodiella* (7), *Ceriporia* (7) and *Trichaptum* (7).

Three of the species listed are new records for Costa Rica: *Amauroderma dubiopansum* [Suretka, Talamanca, Limón (9° 35' 20"N-82° 53' 50"W); 200 m.; 7 May 1995; A. Cascante *et al.* 490 (CR 209728)], *Phaeolus schweinitzii* [Cerro Lira, Reserva Forestal Los Santos, Río Nuevo, Pérez Zeledón, San José (9° 30' 27"N-83° 50' 15"W); 2.387 m.; 22 March 2001; A. Ruiz-Boyer *et al.* 484 (CR 228804)] and *Rigidoporus concreseus* [Reserva Bosque Nuboso Santa Elena, Monteverde, Puntarenas; 1.750 m.; 13 July 2001; L. Ryvarden 43742 (CR220183)].

Some species are very common and they have been collected throughout the country, e.g.: *Antrodiella liebmannii*, *Corioloopsis floccosa*, *C. polyzona*, *Datronia caperata*, *Earliella scabrosa*, *Hexagonia glaber*, *H. hydnoides*, *H. papyracea*, *Phellinus gilvus*, *Polyporus tenuiculus*, *P. tricholoma*, *Pycnoporus sanguineus*,

Rigidoporus microporus, *Trametes elegans* and *T. villosa*.

Others, are rare or not very common, such as: *Abortiporus biennis*, *Albatrellus peckianus*, *Amauroderma camerarium*, *A. dubiopansum*, *A. exile*, *A. omphalodes*, *A. praetervisum*, *A. pseudoboletum*, *Bjerkandera adusta*, *Cerrena unicolor*, *Coltricia fONSECOENSIS*, *C. montagnei*, *Fomitopsis cupreorosea*, *Inonotus crocitinctus*, *I. splitgerberi*, *Lenzites acuta*, *Phaeolus schweinitzii*, *Phellinus altocedronensis*, *Ph. longisetulosus*, *Ph. luteus*, *Ph. turbinatus*, *Phylloporia verae-crucis*, *Rigidoprus concreseus* and *Trametes cystidiata*.

Although, there are still some areas where polypores have not been collected, with the information gathered thus far, it can be concluded that the species included in this list may represent approximately 90% of the ones found in the country.

List of polypores of Costa Rica

Bondarzewiaceae

Bondarzewia berkeleyi (Fr.) Bondartsev & Singer, [19]

Coriolaceae

Abortiporus biennis (Bull.) Singer, [19]

Abundisporus roseoalbus (Jungh.) Ryvarden, [73]

Amylosporus campbellii (Berk.) Ryvarden, [19]

Antrodiella albida (Fr.) Donk, [19]

A. malicola (Berk. & M. A. Curtis) Donk, [19]

A. radiculosa (Peck) Gilb. & Ryvarden, [19]

A. vaillantii (DC.) Ryvarden, [19]

Antrodiella duracina (Pat.) I. Lindblad & Ryvarden, [31]

A. hydrophila (Berk. & M. A. Curtis) Ryvarden, [73]

A. liebmannii (Fr.) Ryvarden, [45]

A. murrillii (Lloyd) Ryvarden, [68]

A. semisupina (Berk. & M. A. Curtis) Ryvarden, [19]

A. subundata (Murrill) Ryvarden, [22]

A. versicutis (Berk. & M. A. Curtis) Gilb. & Ryvarden, [19]

Bjerkandera adusta (Willd.) P. Karst., [19]

B. fumosa (Pers.) P. Karst., [19]

Ceriporia alachuana (Murrill) Hallenb., [19]

C. ferruginicincta (Murrill) Ryvarden, [19]

C. microspora I. Lindblad & Ryvarden, [31]

C. purpurea (Fr.) Donk, [19]

C. reticulata (H. Hoffm.:Fr.) Domanski, [19]

C. viridans (Berk. & Broome) Donk, [19]

C. xylostromatoides (Berk.) Ryvarden, [19]

Ceriporiopsis flavilutea (Murrill) Ryvarden, [34]

C. latemarginata (Rick) Rajchenb., [49]

C. lowei Rajchenb., [49]

C. rivulosa (Berk. & M. A. Curtis) Gilb. & Ryvarden, [19]

C. umbrinescens (Murrill) Ryvarden, [34]

Cerrena meyenii (Klotzsch) Hansen, [73]

C. unicolor (Bull.) Murrill, [19]

Corioloopsis byrsina (Mont.) Ryvarden, [19]

C. floccosa (Jungh.) Ryvarden, [73]

C. polyzona (Pers.) Ryvarden, [73]

C. rigida (Berk. & Mont.) Murrill, [19]

C. sanguinaria (Klotzsch) Teng, [73]

Daedalea aethalodes (Mont.) Rajchenb., [48]

D. hydnoides I. Lindblad & Ryvarden, [31]

D. microsticta Cooke, [16]

D. quercina (L.) Pers., [19]

Datronia brunneoleuca (Berk.) Ryvarden, [73]

D. caperata (Berk.) Ryvarden, [73]

D. mollis (Sommerf.) Donk, [19]

D. scutellata (Schwein.) Gilb. & Ryvarden, [19]

D. stereoides (Fr.) Ryvarden, [19]

Dichomitus cavernulosus (Berk.) Masuka & Ryvarden, [45]

D. setulosus (Henn.) Masuka & Ryvarden, [45]

Diplomitoporus costaricensis I. Lindblad & Ryvarden, [31]

D. dilutabilis Loguercio & J. E. Wright, [32]

Earliella scabrosa (Pers.) Gilb. & Ryvarden, [19]

Echinoporia aculeifera (Berk. & M. A. Curtis) Ryvarden, [19]

Flabellophora obovata (Jungh.) Núñez & Ryvarden, [45]

Flaviporus brownii (Humb.) Donk, [18]

Fomes fasciatus (Sw.) Cooke, [19]

Fomitella supina (Sw.) Murrill, [19]

Fomitopsis cupreorosea (Berk.) J. Carranza & Gilb., [9]

F. dochmia (Berk. & Broome) Ryvarden, [9]

F. feei (Fr.) Kreisel, [9]

F. lignea (Berk.) Ryvarden, [58]

F. meliae (Underw.) Gilb., [19]

F. nivosa (Berk.) Gilb. & Ryvarden, [19]

Fuscocerrena portoricensis (Fr.) Ryvarden, [61]

Gloeophyllum mexicanum (Mont.) Ryvarden, [19]

G. striatum (Sw.) Murrill, [19]

Hapalopilus albocitrinus (Petch) Ryvarden, [19]

H. tropicus I. Lindblad & Ryvarden, [31]

Henningsia brasiliensis (Speg.) Speg., [21]

Hexagonia glaber (P. Beauv.) Ryvarden, [45]

H. hydnoides (Sw.) M. Fidalgo, [19]

H. papyracea Berk., [19]

Hydnopolyporus fimbriatus (Fr.) D. A. Reid, [19]

Ischnoderma resinsum (Schrad.) P. Karst., [19]

Laetiporus persicinus (Berk. & M. A. Curtis) Gilb., [19]

L. sulphureus (Bull.) Murrill, [19]

Lenzites acuta Berk., [26]

L. belutina (L.) Fr., [19]

L. stereoides (Fr.) Ryvarden, [73]

Melanoporella carbonacea (Berk. & M. A. Curtis) Murrill, [34]

Microporellus dealbatus (Berk. & M. A. Curtis) Murrill, [20]

Nigrofomes melanoporus (Mont.) Murrill, [20]

Nigroporus vinosus (Berk.) Murrill, [20]

Oligoporus floriformis (Qué.) Gilb. & Ryvarden, [20]

O. hibernicus (Berk. & Broome) Gilb. & Ryvarden, [20]

O. tephroleucus (Fr.) Gilb. & Ryvarden, [20]

Oxyporus latemarginatus (Durieu & Mont.) Donk, [20]

O. similis (Bres.) Ryvarden, [20]

Pachykytospora alabamiae (Berk. & Cooke) Ryvarden, [20]

P. papyracea (Schwein.) Ryvarden, [20]

- Perenniporia aurantiaca* (A. David & Rajchenb.) C. Decock & Ryvarden, [14]
P. detrita (Berk.) Ryvarden, [73]
P. inflexibilis (Berk.) Ryvarden, [73]
P. martia (Berk.) Ryvarden, [73]
P. medulla-panis (Jacq.) Donk, [20]
P. narymica (Pilát) Pouzar, [20]
P. ochroleuca (Berk.) Ryvarden, [73]
P. ohiensis (Berk.) Ryvarden, [20]
P. roseoisabellina (Pat. & Gaillard) Ryvarden, [62]
P. subacida (Peck) Donk, [20]
P. tepeitensis (Murrill) Ryvarden, [20]
P. tephropora (Mont.) Ryvarden, [20]
Perenniporiella micropora (Ryvarden) C. Decock & Ryvarden, [15]
Phaeolus schweinitzii (Fr.) Pat., [20]
Physisporinus sanguinolentus (Alb. & Schwein.) Pilát, [20]
P. vitreus (Pers.) P. Karst., [20]
Piloporia albomarginata (Lév.) Núñez, [31]
Piptoporus soloniensis (Dubois) Pilát, [20]
Porodisculus pendulus (Schwein.) Murrill, [20]
Porpomyces mucidus (Pers.:Fr.) Jülich, [19]
Pycnoporus sanguineus (L.: Fr.) Murrill, [20]
Pyrofomes fulvoumbrinus (Bres.) A. David & Rajchenb., [13]
P. lateritius (Cooke) Ryvarden, [66]
Rigidoporus biokoensis (Bres. ex Lloyd) Ryvarden, [73]
R. concrescens (Mont.) Rajchenb., [50, 51]
R. lineatus (Pers.) Ryvarden, [20]
R. microporus (Sw.) Overeem, [20]
R. mutabilis I. Lindblad & Ryvarden, [31]
R. ulmarius (Sowerby) Imazeki, [20]
R. undatus (Pers.) Donk, [45]
R. vinctus (Berk.) Ryvarden, [20]
Skeletocutis lenis (P. Karst.) Niemelä, [45]
S. niveicolor (Murrill) Ryvarden, [12,34]
S. roseolus (Rick ex Theiss.) Rajchenb., [49]
Spongipellis caseosus (Pat.) Ryvarden, [62]
S. pachyodon (Pers.) Kotl. & Pouzar, [20]
Tinctoporellus epimiltinus (Berk. & Broome) Ryvarden, [20]
Trametes cervina (Schwein.) Bres., [20]
T. cubensis (Mont.) Sacc., [20]
T. cystidiata I. Lindblad & Ryvarden, [31]
T. drummondii (Klotzsch) Ryvarden, [20]
T. ectypus (Berk. & M. A. Curtis) Gilb. & Ryvarden, [20]
T. elegans (Spreng.: Fr.) Fr., [20]
T. hirsuta (Wulfen) Pilát, [20]
T. maxima (Mont.) A. David & Rajchenb., [20]
T. membranacea (Sw.) Kreisel, [20]
T. menziesii (Berk.) Ryvarden, [73]
T. modesta (Fr.) Ryvarden, [73]
T. ochracea (Pers.) Gilb. & Ryvarden, [20]
T. pavonia (Hook.) Ryvarden, [20]
T. pubescens (Schumach.) Pilát, [20]
T. roseola Pat. & Har., [73]
T. varians Van der Byl, [73]
T. versicolor (L.) Pilát, [20]
T. villosa (Sw.) Kreisel, [20]
Trichaptum biforme (Fr.) Ryvarden, [20]
T. byssogenum (Jungh.) Ryvarden, [20]
T. durum (Jungh.) Corner, [45]
T. fumosoavellaneum (Romell) Rajchenb. & Bianchin., [52]
T. perrottetii (Lév.) Ryvarden, [20]
T. sector (Ehrenb.) Kreisel, [20]
T. sprucei (Berk.) Rajchenb. & Bianchin., [73]
Tyromyces caesioflavus (Pat.) Ryvarden, [3]
T. cerifluus (Berk. & M. A. Curtis) Murrill, [20]
T. chioneus (Fr.) P. Karst., [20]
T. fissilis (Berk. & M. A. Curtis) Donk, [20]
T. galactinus (Berk.) J. Lowe, [20]
T. hypocitrinus (Berk.) Ryvarden, [63]
T. leucomallus (Berk. & M. A. Curtis) Murrill, [20]
T. pseudolacteus Murrill, [20]
T. xuchilensis (Murrill) Ryvarden, [64]
Wolfiporia cocos (Schwein.) Ryvarden & Gilb., [20]

Exidiaceae

- Protomerulius brasiliensis* A. Møller, [1]
P. caryae (Schwein.) Ryvarden, [45]
P. substuppeus (Berk. & Cooke) Ryvarden, [35]

Fistulinaceae

- Fistulina hepatica* (Schaeff.) Sibth., [19]
F. radicata Schwein., [19]

Ganodermataceae

- Amauroderma boleticeum* (Pat. & Gaillard) Torrend, [54]
A. camerarium (Berk.) J. S. Furtado, [54]
A. dubiopansum (Lloyd) Ryvarden, [72]
A. exile (Berk.) Torrend, [54]
A. omphalodes (Berk.) Torrend, [54]
A. praetervisum (Pat.) Torrend, [17]
A. pseudoboletum (Speg.) J. S. Furtado, [54]
A. schomburgkii (Mont. & Berk.) Torrend, [54]
A. sprucei (Pat.) Torrend, [54]
Ganoderma amazonense Weir, [54]
G. applanatum (Pers.) Pat. s. l., [54]
G. australe (Fr.) Pat. s. l., [54]
G. colossum (Fr.) C. F. Baker, [19, 70]
G. lucidum (W. Curtis) P. Karst. s. l., [54]
G. oerstedii Murrill, [70, 74]
G. orbiforme (Fr.) Ryvarden, [70]
G. stipitatum (Murrill) Murrill, [70]
Humphreya coffeatum (Berk.) Steyaert, [54]

Grammothelaceae

- Grammothele fuligo* (Berk. & Broome) Ryvarden, [45]
G. lineata Berk. & M. A. Curtis, [73]
Porogramme albocincta (Cooke & Masee) J. Lowe, [73]
P. graphica (Bres.) Pat., [67]

Haddowiaceae

- Haddowia longipes* (Lév.) Steyaert, [17]
H. neurospora (J. S. Furtado) Teixeira, [54]

Hericiaceae

- Anomoporia myceliosa* (Peck) Pouzar, [19]
Wrightoporia avellanea (Bres.) Pouzar, [20]

- W. bracei* (Murrill) I. Lindblad & Ryvarden, [13, 47]
W. efibulata I. Lindblad & Ryvarden, [31]
W. tropicalis (Cooke) Ryvarden, [73]

Hymenochaetaceae

- Aurificaria luteoumbrina* (Romell) D. A. Reid, [19]
Coltricia cinnamomea (Jacq.) Murrill, [19]
C. focicola (Berk. & M. A. Curtis) Murrill, [19]
C. fonscoensis W. B. Cooke & Bonar, [10]
C. montagnei (Fr.) Murrill, [19]
C. perennis (L.) Murrill, [19]
Cyclomyces iodinus (Mont.) Pat., [19]
C. tabacinus (Mont.) Pat., [73]
Inonotus adnatus Ryvarden, [71]
I. costaricensis Ryvarden, [71]
I. crocitinctus (Berk. & M. A. Curtis) Ryvarden, [72]
I. dentiporus Ryvarden, [71]
I. dryophilus (Berk.) Murrill, [19]
I. fimbriatus L. D. Gómez & Ryvarden, [25]
I. fulvomelleus Murrill, [46]
I. marginatus Ryvarden, [71]
I. patouillardii (Rick) Imazeki, [19]
I. pertenuis Murrill, [46]
I. porrectus Murrill, [19]
I. splitgerberi (Mont.) Ryvarden, [60]
I/xanthoporus Ryvarden, [31]
Phellinus allardii (Bres.) Ryvarden, [29]
P. altocedronensis (Murrill) Ryvarden, [72]
P. apiahynus (Speg.) Rajchenb. & J. E. Wright, [29]
P. calcitratus (Berk. & M. A. Curtis) Ryvarden, [29]
P. callimorphus (Lév.) Ryvarden, [73]
P. caryophylleus (Cooke) Ryvarden, [29]
P. chryseus (Lév.) Ryvarden, [73]
P. contiguus (Pers.) Pat., [29]
P. dependens (Murrill) Imazeki, [29]
P. durissimus (Lloyd) A. Roy, [29]
P. extensus (Lév.) Pat., [29]
P. fastuosus (Lév.) Ryvarden, [29]

P. ferrugineovelutinus (Henn.) Ryvarden, [20]
P. ferruginosus (Schrad.) Pat., [29]
P. gilvus (Schwein.) Pat., [29]
P. grenadensis (Murrill) Ryvarden, [29]
P. griseoporus D. A. Reid, [29]
P. inermis (Ellis & Everh.) G. Cunn., [29]
P. linteus (Berk. & M. A. Curtis) Teng, [29]
P. longisetulosus Bondartseva & S. Herrera, [72]
P. luteus Ryvarden, [72]
P. maxonii (Murrill) D. A. Reid, [29]
P. melanodermus (Pat.) O. Fidalgo, [29]
P. melleoporus (Murrill) Ryvarden, [29]
P. membranaceus J. E. Wright & Blumenf., [29]
P. merrillii (Murrill) Ryvarden, [29]
P. nilgheriensis (Mont.) G. Cunn., [29]
P. pachyphloeus (Pat.) Pat., [29]
P. portoricensis (Overh.) O. Fidalgo, [29]
P. pseudopunctatus A. David, Dequatre & Fiasson, [29]
P. punctatus (Fr. ex P. Karst.) Pilát, [29]
P. rhabarbarinus (Berk.) G. Cunn., [29]
P. rhytiphloeus (Mont.) Ryvarden, [73]
P. rimosus (Berk.) Pilát, [29]
P. robustus (P. Karst.) Bourdot & Galzin, [29]
P. roseocinereus (Murrill) D. A. Reid, [29]
P. ruftinctus (Berk. & M. A. Curtis ex Cooke) Pat., [29]
P. sancti-georgii (Pat.) Ryvarden, [29]
P. sarcites (Fr.) Ryvarden, [29]
P. setulosus (Lloyd) Imazeki, [29]
P. shiferi (Murrill) Ryvarden, [29]
P. sublamaensis (Lloyd) Ryvarden, [29]
P. swieteniae (Murrill) S. Herrera & Bondartseva, [29]
P. turbinatus Ryvarden, [72]
P. umbrinellus (Bres.) Ryvarden, [29]
P. undulatus (Murrill) Ryvarden, [29]
Phylloporia capucina (Mont.) Ryvarden, [59]
P. chrysitae (Berk.) Ryvarden, [20]
P. fruticosa (Berk. & M. A. Curtis) Ryvarden, [20]

P. pectinata (Klotzsch) Ryvarden, [44]
P. spathulata (Hook.) Ryvarden, [44]
P. verae-crucis (Berk. ex Sacc.) Ryvarden, [72]
Hyphodermataceae
Hyphodontia latitans (Bourdot & Galzin) Ginns & Lefebvre, [19]
Schizopora flavipora (Berk. & M. A. Curtis ex Cooke) Ryvarden, [20]
S. paradoxa (Schrad.:Fr.) Donk, [20]
Lindtneriaceae
Lindtneria trachyspora (Bourdot & Galzin) Pilát, [19]
Meruliaceae
Gloeoporus dichrous (Fr.) Bres., [19]
G. theleporoides (Hook.) G. Cunn., [19]
Polyporaceae
Echinochaete brachyporus (Mont.) Ryvarden, [43]
Polyporus arcularius (Batsch) Fr., [43]
P. badius (Pers.) Schwein., [43]
P. brumalis (Pers.) Fr., [43]
P. ciliatus Fr., [43]
P. craterellus Berk. & M. A. Curtis, [43]
P. dictyopus Mont., [43]
P. grammocephalus Berk., [43]
P. guianensis Mont., [43]
P. leprieurii Mont., [43]
P. philippinensis Berk., [43]
P. tenuiculus (P. Beauv.) Fr., [43]
P. tricholoma Mont., [43]
P. tuberaster (Jacq. ex Pers.) Fr., [43]
P. udus Jungh., [43]
P. varius (Pers.) Fr., [43]
P. virgatus Berk. & M. A. Curtis, [43]
Pseudofavolus cucullatus (Mont.) Pat., [43]
P. miquelii (Mont.) Pat., [43]
Scutigeraceae
Albatrellus peckianus (Cooke) Niemelä, [19]

Sistotremataceae

Trechispora dimitica (I. Johans. & Ryvarden) K. H. Larss., [73]
T. mollusca (Pers.) Liberta, [20]
T. regularis (Murrill) Liberta, [20]
Steccherinaceae
Flavodon flavus (Klotzsch) Ryvarden, [73]
Irpex lacteus (Fr.) Fr., [19]
Junghuhnia carneola (Bres.) Rajchenb., [73]
J. minuta I. Lindblad & Ryvarden, [31]
J. neotropica I. Lindblad & Ryvarden, [31]
J. nitida (Pers.) Ryvarden, [19]
J. semisupiniformis (Murrill) Ryvarden, [45]
J. straminea (Bres.) Ryvarden, [73]

DOUBTFUL SPECIES

The following published species are omitted from the checklist because the type specimens is lost or because their nomenclature is dubious.

Coriolus sobrius (Berk. & M. A. Curtis) Murrill = type lost
Ganoderma nutans (Fr.) Pat. = type lost
Hexagonia unicolor Fr. = type lost
Microporellus holotephrus (Berk. & M. A. Curtis) Murrill = type lost
Polyporus impolitus Fr. = type lost
Polyporus maculosus Murrill = nomenclature dubious

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