

## A List of Fungi Found in the Bonin (Ogasawara) Islands

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### ABSTRACT

Approximately 1,000 taxa of fungi found and/or collected in the Bonin Islands were listed based on previous reports, collection data of dried specimens and background dataset of living cultures. Five hundred 6 (50.8%), 203 (20.4%) and 180 (18.1%) of them belong to Basidiomycota, Deuteromycota (Mitosporic Fungi) and Ascomycota, respectively. The others (total 10.7%) are mixomycetous (56 taxa), zygomycetous (24 taxa), chytridiomycetous (14 taxa), oomycetous (12 taxa) and blastocladiomycetous (1 taxon) fungi. About 100 taxa containing texts, "bonin", "munin", "ogasawara," "chichi", "haha", in their scientific and/or common names were found in the list. It indicates that at least 10% of taxa reported from the islands have type localities there and/or endemic. More taxa new to the islands will obviously turn up if various mycologists repeatedly place the full weight of their effort on collecting and identifying materials there, because those found are merely ca. 8.3% of known species of fungi in Japan.

**Keywords:** distribution, dried specimens, endemic taxa, living cultures, substrate

### INTRODUCTION

The Bonin Islands consisted of more than 150 islands and islets are scattered on the Pacific Ocean 1,000 to 2,000 km south from central Japan. They are all recognized as typical oceanic islands and belong to subtropical climatic region. Flora of these islands is characterized by more than 50% of endemism. Their soil was originated from volcanic rock produced by volcanism in Tertiary Era (Homma 1992).

Many kinds of fungi have been found in the Bonin Islands, since Charles Right, an American explorer, first collected mushrooms and fungi there in 1854 (Berkeley and Curtis 1860; Kobayasi 1937). The islands are regarded as the birth place of modern mycology in Japan. After the islands were recognized as Japanese territories in an early time of the Meiji era, Japanese researchers reported mainly mushrooms and toad stools there (Ito and Imai 1937a, b, 1939, 1940a, b; Hongo 1977, 1978; Neda and Hattori 1991). Recently, several reports on microfungi from the islands were published (Kobayasi and Konno 1969; Inoue

1970; Harada 1979; Katumoto and Harada 1979; Tokumasu 1985; Sato 1987; Sato *et al.* 1991; Ando 1993; Hirooka *et al.* 2006, 2007, 2008, 2010), though nobody could research on fungi there during occupation by U.S. military from 1945 to 1968. Approximately 1,000 taxa of fungi were found in the Bonin Islands so far (Appendix). They contain a number of new genera and species, including endemic ones. But, as far as we know, any comprehensive lists of fungi reported or collected from the islands have never been published. A list of almost all vascular land plants found there were already released (Kobayashi and Ono 1987), and has been used by many other scientists as well as botanists. If such a list of fungi is edited, it must be essential for a right understanding of mycobiota of the islands and also useful for researchers who will study on the fungi in the islands.

## **MATERIALS AND METHODS**

The present list (Appendix) was edited not only from previous reports but data of dry specimens and/or living cultures of fungi found in the islands, which was deposited to Department of Botany, National Museum of Nature and Science (acronym: TNS), Japan, National Institute of Agro-environmental Sciences, Japan and/or NIAS Genebank, National Institute of Agrobiological Sciences (MAFF), Japan.

The list consists of scientific names of fungi, their taxonomic groups (-mycota rank), romanized Japanese common name, substrate, collection location (islands), specimen and/or culture accessions and references. These data were extracted from previous reports and put them in a table (Appendix).

A list of the specimens of the museum (TNS) was prepared based on the following process. First, records with one of the following word “Ogasawara (in Kanji), Chichi (in Kanji), Haha (in Kanji), Ogasawara, Chichi, Haha, Bonin” in the secondary information were selected, resulting in 2,061 records. Then, the specimen collected in 2009 (still under investigation) and specimens not related to Bonin Islands (such as Chichibu, Saitama), selected in the first screen were discarded, resulting in 1,304 records. The selected records were further examined if they were identified to specific (or under specific) rank and the primary information indicated that the collected sites were Bonin Islands, and 519 specimens including 13 types were finally selected. The author names followed those in the website of Index Fungorum, but some names were not found in Index Fungorum, which may be invalid proposals or candidate names before publish. Some specimens are listed in the original names used for the registration of the specimens. Searching method for selection of 108 specimens kept in National Institute of Agro-environmental Sciences almost same as those explained above. On the other hand, 522 herbarium specimens of rust fungi collected in the islands were newly deposited to the museum in order to add their data to the list.

The background datasets of living cultures was downloaded from Microorganism Search

System, NIAS Genebank after searching with a combination of keywords, “Fungi and Ogasawara”. Two hundred and fourteen strains including 11 ex-types were selected. Similar search was tried with web catalogues of living cultures preserved in National Institute of Technology and Evaluation, Biological Resource Center (NBRC) and Japan Collection of Microorganisms (JCM). Datasets of three primary lists mentioned above were finally compiled into a single table and each data of tautological scientific names were united.

## RESULTS AND DISCUSSION

Nine hundred and ninety-six scientific names were listed as fungi found in the Bonin Islands so far as the authors searched previous reports, databases of specimens and living cultures. The number is ca. 8.3% of known species of fungi in Japan, although several synonyms and different morphs of the same species may be contained in the list. Five hundred 6 (50.8%), 203 (20.4%) and 180 (18.1%) of them belong to Basidiomycota, Deuteromycota (Mitosporic Fungi) and Ascomycota, respectively. The rest of three phylla (total 10.7%) are mixomycetous (56 taxa), zygomycetous (24 taxa, Figs. 1b, c), chytridiomycetous (14 taxa), oomycetous (12 taxa, Fig. 1a) and blastocladiomycetous (1 taxon) fungi (Appendix). Basidiomycota and Ascomycota, which contain many taxa with visible fruit bodies, make up about 2/3 of the fungi found in the Bonin Islands so far. Much more microfungi such as members of Deuteromycota (most anamorphs of Ascomycota) and Oomycota will obviously turn up if various mycologists repeatedly place the full weight of their effort on collecting and identifying materials in the islands. Compositions at lower taxonomic ranks in each of the phyla containing 100 scientific names were characterized and discussed as follows;

### **Ascomycota** (Fig. 1j )

Ninety genera were distributed in 180 taxa for ascomycetes. *Hypoxylon* consisting of 18 taxa (10.0%) shares the top, followed by *Nectria* (at least 12 taxa, 6.7%) *Lachnum* and *Xylaria* (6 taxa, 3.3%). Nectriaceae (*Cosmospora*, *Haematonectria*, *Lanatonectria*, *Nectria*, *Neonectria*, and *Ophionectria*) and Bionectriaceae (*Bionectria*, *Nectriopsis* and *Verrucostoma*), the two close relatives and Xylariaceae (*Daldinia*, *Hypoxylon*, *Sphaeria*, *Ustulina*, and *Xylaria*) consisted of the majority. The former often shows host selectivity and tend to be plant pathogenic. Since a number of endemic plants are known in the Bonin Islands, it is a matter of question if endemic fungi occur on endemic plants. Xylariaceae is known to be a major decomposers in tropical environment (Alexopoulos *et al.* 1996), suggesting their activity. Largely reflecting the researchers' interest, the current list includes middle to micro-sized ascomycetes, while larger ascomycetes (such as *Peziza*, *Boedijnopeziza*) are still small in numbers. Fewer plectomycetes are listed, and more members are expected from soil. It is also remarkable that coprophilous members (such as *Coprotus*, *Podospora*, *Saccobolus*, etc.), which require intensive observation are listed from goat dung.

It is known that ascomycetes comprised of about 2/3 of the fungi. This ratio is congruent with hitherto known Japanese ascomycetes. However, the ascomycetous taxa were less than half of the number of basidiomycetous taxa in the list. The inventory of ascomycetes in the Bonin Islands has started only recently (e.g. Doi 1977, 1978; Katumoto and Harada 1979), and further studies from various aspects are required. At least about half of the taxa have voucher specimens, and search for the voucher of the remaining taxa is expected for further analysis of Ascomycota in The Bonin Islands.

#### **Basidiomycota** (Figs. 1k-o, 2a-i, 3a-k)

One hundred and 81 genera were distributed among 507 taxa in basidiomycetes. Most of them belong to Agaricomycotina, while Pucciniomycotina and Ustilaginomycotina were smaller in numbers, though *Puccinia* in Pucciniomycotina was one of the top 10 genera. It is widely known basidiomycetes are the major decomposers in the tropical environment, and those known as wood decaying fungi (such as *Fomes*, *Trametes*, *Stereum*, etc.) were often collected, while mycorrhizal basidiomycete were small in numbers due to the fewer distribution of the host. In contrast to ascomycetes, the list includes historical records appeared in Berkeley and Curtis (1860). Taxonomic revision of these taxa in the light of current knowledge is required.

#### **Deuteromycota** (Figs. 1d-i)

Deuteromycetes, the group treated here for convenience comprised of 123 genera distributed in 203 taxa. The majority was comprised of plant pathogenic fungi (such as *Cercospora*, *Colletotrichum*, *Fusarium*, etc.). Most of them were known from plant substrate. A number of taxa are known to inhabit in soil. Isolation from soil will reveal not only more taxa of deuteromycetous microfungi, but zygomycetes.

#### **Taxa originated from and endemic to the Bonin Islands**

About 100 taxa containing texts, "bonin", "munin", "ogasawara," "chichi" and "haha", in their scientific and/or common names were found in the list. It indicates that at least 10% of taxa reported from the islands have type localities there and/or endemic. The genera *Boninogaster*, *Boninohydnum*, *Kodonospora* and *Verrucostoma* established based on materials collected in the islands are all monotypic and indigenous. Other new taxa will be often discovered by furthermore investigations of fungi there, considering geographic isolation, unique flora and fauna of the islands. The readers of this paper should remind that further databasing will update the list incorporating more specimens, and even more specimens await for future research.

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(Others are listed in foot note of Appendix)

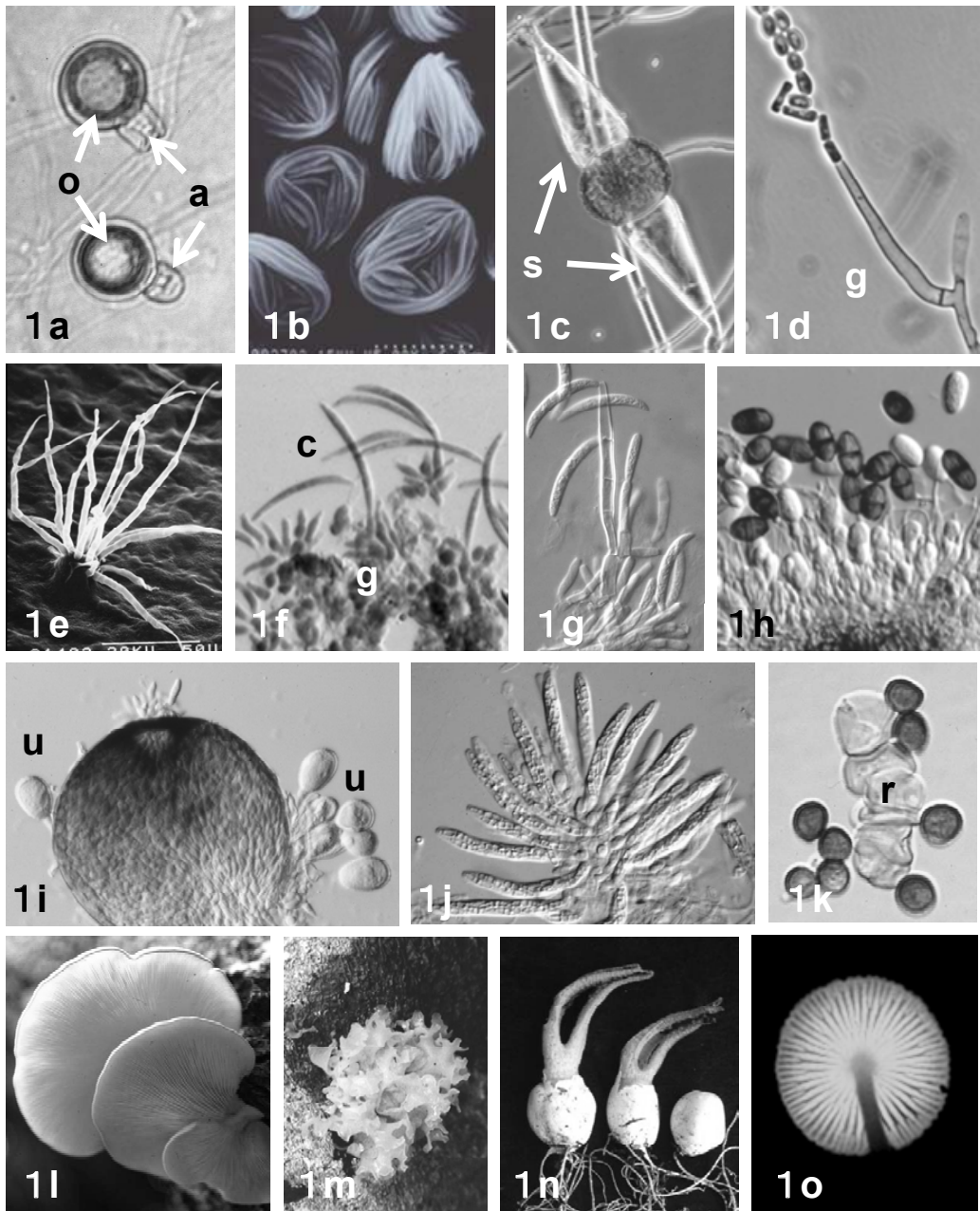


Fig. 1. Fungi and mushrooms in the Bonin Islands, **a**, oospores (o) and antheridia (a) of *Phytophthora nicotianae*; **b**, sporangiospores of *Rhizopus stolonifer*; **c**, zygospore developing between two suspenders (s) of *R. stolonifer*; **d**, conidia and conidiogenous cell (g) of *Chalara paradoxa*; **e**, conidia and conidiophores of *Cercospora coffeicola*; **f**, conidia (c) and conidiogenous cells (g) *Gloeocercospora sorghi*; **g**, conidia and conidiogenous cells *Colletotrichum dematium*; **h**, conidia and of *Lasiodiplodia theobromae*; **i**, pycnidium of *Sphaerellopsis filum* with host urediniospores (u); **j**, clabate asci of *Glomerella cingulata*; **k**, smut spores and sterile cells (r) of *Ustilago scitaminea*; **l**, *Pleurotus djamor* (Nettai-hiratake); **m**, *Tremella boninensis* (Ogasawara-kin-hanabiratake); **n**, *Pseudocolus schellenbergiae* (Sankotake); **o**, *Mycena chlorophos* (Yakohtake) in the darkness.



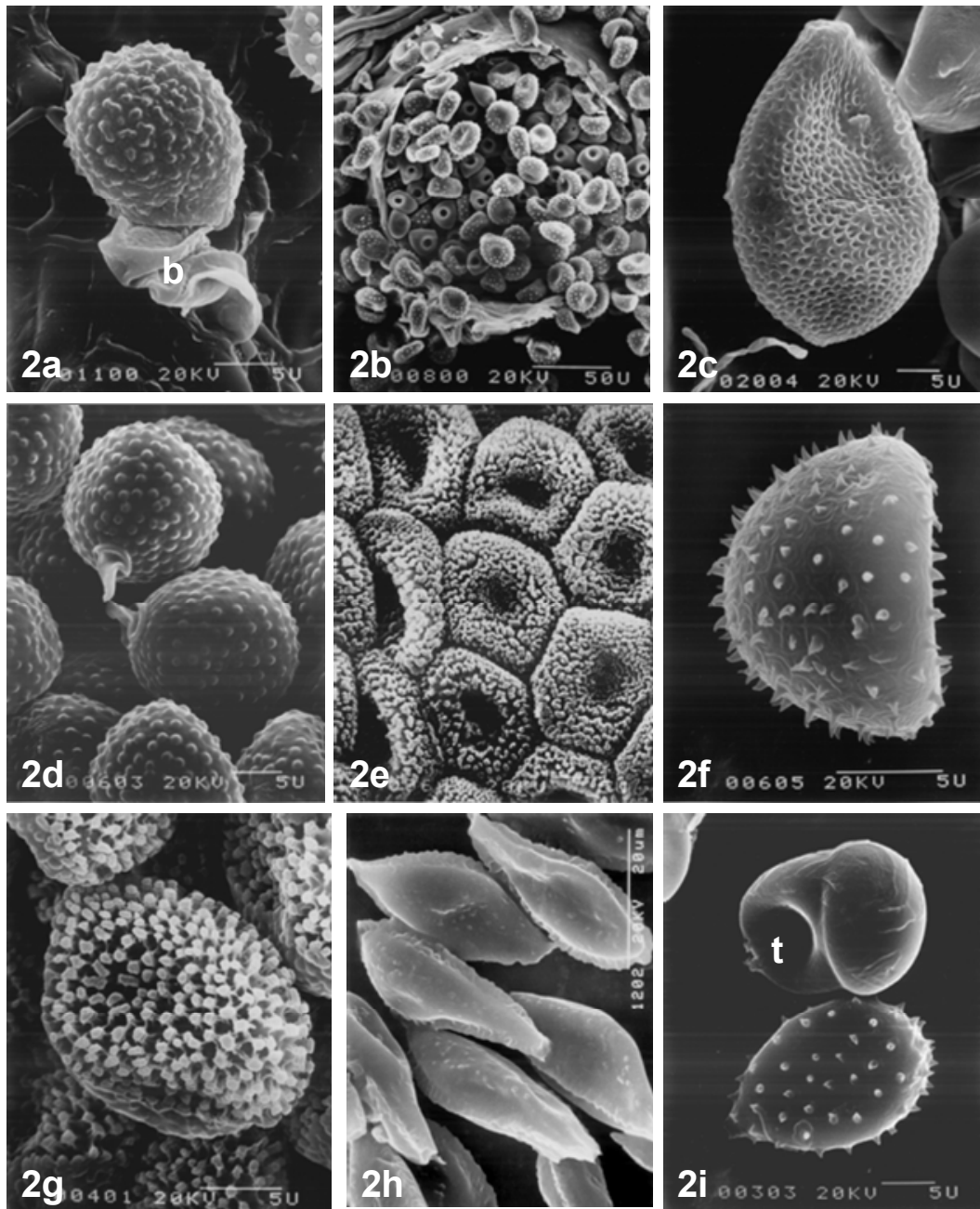


Fig. 2. Rust fungi (Basidiomycetes) found in the Bonin Islands (SEM photos), **a**, teliospore with empty basidium (b) of *Zaghouania phillyreae*; **b**, teliospores with apical pore and echinulate urediniospores of *Uromyces bidenticola*; **c**, urediniospore of *Atelocauda hyalospora*; **d-f**, *Uromyces kawakamii*; **d**, teliospores; **e**, Peridial cells of aecium; **f**, urediniospore; **g**, urediniospore of *Coleosporium paederiae*; **h**, urediniospores of *Uredinopsis pteridis*; **i**, teliospore (t) and urediniospore of *Stereostратum corticioides*.

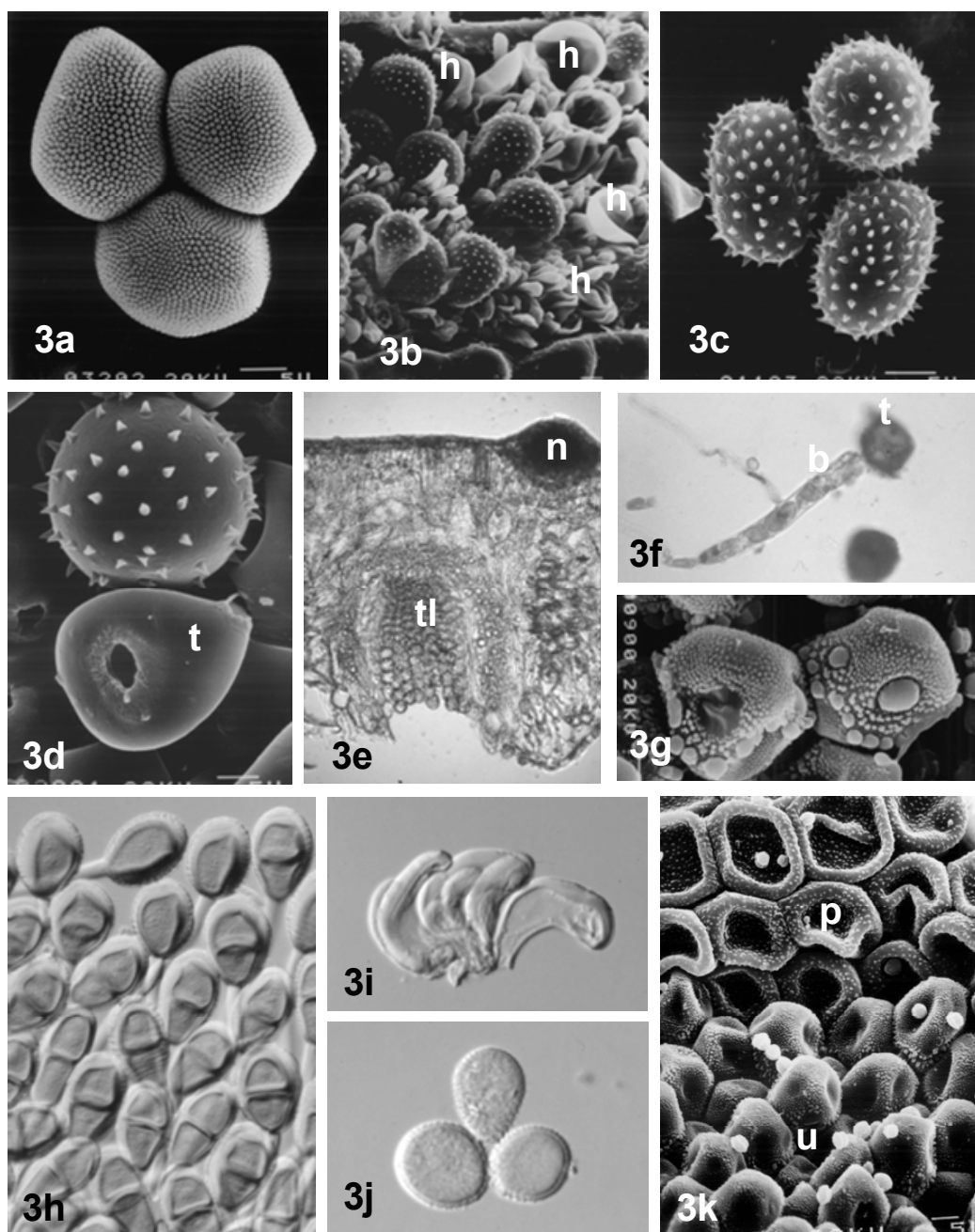


Fig. 3. Rust fungi (Basidiomycetes) found in the Bonin Islands (continued, SEM photos except for e-j), **a**, aeciospores of *Aecidium elaeagni*; **b**, uredinium with peripheral paraphyses (h) of *Puccinia erythropus*; **c**, urediniospores of *Pucciniastrum boehmeriae*; **d**, teliospore (t) and urediniospore of *Uromyces wedeliae*; **e-g**, *Monosporidium machili*; **e**, vertical section of lenticular spermogonium (n) and telium (tl); **f**, germinating teliospore (t) with 2 slender tubes from a basidium (b); **g**, teliospores; **h**, one- or two-celled teliospores of *Xenostele sakamotoi*; **i**, uredinial paraphyses of *Phakopsora incompleta*; **j**, urediniospores of *Ph. incompleta*; **k**, peridial cells (p) of uredinium and urediniospores (u) of *Aecidium raphiolepidis*.

## 小笠原諸島産菌類リスト

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小笠原諸島で採集・発見・同定された菌類のうち文献として公表され、あるいは標本や分離菌株が公的機関に保存されている約 1,000 学名（分類群）を網羅した。その主な内訳は担子菌類 506 種(50.8%)、不完全菌類 203 種(20.4%)、子のう菌類 180 種(18.1%) で、残りの 10.7%は変形菌類 56 種、接合菌類 24 種、ツボカビ類 14 種、卵菌類 12 種、コウマクノウキン類 1 種である。学名や和名のローマ字表記の中に“bonin”, ”munin”, ”ogasawara,” ”chichi”, ”haha”の語を含む種等が 100 以上あることから、少なくとも 10%の分類群が同諸島をタイプロカリティーとしており、また、その中には特産種も含まれているものと思われる。リストアップされた菌類は国内既知種の 8.3%に過ぎず、今後、様々な菌学者が繰り返し同諸島の菌類を採集・同定することにより、さらに多くの種が明らかになると予想される。

キーワード：分布，標本，菌株，固有種，基質

## Appendix. A list of fungi collected in the Bonin Islands

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Absidia</i> sp.	Z		
<i>Acaulopage</i> sp.	Z		
<i>Acaulopage tetraceros</i>	Z		
Drechsler			
<i>Achlya flagellata</i> Coker	O		soil
<i>Achlya</i> sp.	O		
<i>Acremonium macroclavatum</i>	D		forest soil
Ts. Watan			
<i>Acremonium</i> sp.	D		<i>Elaeagnus rotundata</i> (Maxim.) Nakai; <i>Freycinetia boninensis</i> (Nakai) Nakai; <i>Elaeis guineensis</i> Jacq.; <i>Schima wallichii</i> (DC.) Korth.
<i>Acremonium strictum</i> W.	D		
<i>Acrodictys</i> sp.	D		<i>Arundo donax</i> L.
<i>Aecidium elaeagni</i> Dietel	B	Ogasawara-gumi-sabikin	<i>Elaeagnus rotundata</i> (Maxim.) Nakai
<i>Aecidium raphiolepidis</i> Syd. & P. Syd.	D	Shima-sharinbai-sabikin	<i>Rhaphiolepis integerrima</i> Hook. & Arn.
<i>Agaricus alopecius</i> Berk. & M.A. Curtis	B		decayed logs
<i>Agaricus alphotophyllus</i>	B		dead logs
Berk. & M.A. Curtis			
<i>Agaricus arenulosus</i> Berk. & M.A. Curtis	B		dead wood
<i>Agaricus cacao</i> Berk. & M.A. Curtis	B		dead wood
<i>Agaricus chlorophos</i> Berk. & M.A. Curtis	B		dead logs
<i>Agaricus cyanophos</i> Berk. & M.A. Curtis	B		dead wood
<i>Agaricus depravatus</i> Berk. & M.A. Curtis	B		wood
<i>Agaricus dicranophyllus</i>	B		dead sticks
Berk. & M.A. Curtis			
<i>Agaricus efflorescens</i> Berk. & M.A. Curtis	B		decayed wood
<i>Agaricus ephippium</i> Berk. & M.A. Curtis	B		dead wood
<i>Agaricus epixylon</i> subsp. <i>coccodes</i> Pers.	B		

1) A: Ascomycota, B: Basidiomycota, C: Chytridiomycota, D: Deuteromycota (Mitosporic Fungi), M: Mixomycota, O: Oomycota, S: Blastocladiomycota, Z: Zygomycota

2) a: Anijima isl., (b): Bonin islands (not specified island name), c: Chichijima isl., h: Hahajima isl., i: Iwojima isl., j: Mukojima, k: Kita-iwojima isl., m: Minami-iwojima isl., n: Naka-iwojima, o: Ototojima isl., r: Hirashima isl., u: Mukohjima isl.

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
b		Inoue, 1970
b		Inoue, 1970
b		Inoue, 1970
c		Inoue, 1970; Kobayasi and Konno, 1969
b		Inoue, 1970
h	<b>MAFF238162*</b>	Watanabe et al., 2001a,b
a; c; h; k	MAFF240100	Sato et al., 1991; Sato, 1990; Tokumasu, 1985
k		Tokumasu, 1985
c		Sato et al., 1991
a; c; h; o	TNS-F-30658; TNS-F-30663; TNS-F-30669; TNS-F-30676; TNS-F-30964--30981	Sato et al., 1991
c; h	TNS-F-30930--30938	Sato et al., 1991
b		Berkeley and Curtis, 1860
b		Berkeley and Curtis, 1860
b		Berkeley and Curtis, 1860
b		Berkeley and Curtis, 1860
b		Berkeley and Curtis, 1860
b		Berkeley and Curtis, 1860
b		Berkeley and Curtis, 1860
b		Berkeley and Curtis, 1860
b		Berkeley and Curtis, 1860
b		Berkeley and Curtis, 1860
b		Neda and Sato, 2008

3) MAFF: acronym of living cultures deposited in the NIAS Genebank, National Institute of Agrobiological Sciences, Japan; NBRC: National Institute of Technology and Evaluation, Biological Resource Center; TFM: Herbarium of Forest Mycology and Pathology, Forestry and Forest Products Research Institute; TNS-F-: dried specimens stocked in National Museum of Nature and Science, Japan; nnn-n-nn: herbarium specimens kept in National Institute for Agro-Environmental Sciences, Japan; **Bold\***: Type specimen or Ex-type strain

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Agaricus flavolivens</i> Berk. & M.A. Curtis	B		dead wood
<i>Agaricus hahashimensis</i> S. Ito & S. Imai	B	Hahashima-morinokasa	ground
<i>Agaricus hemileucus</i> Berk. & M.A. Curtis	B		decayed wood
<i>Agaricus hemisoödes</i> Berk. & M.A. Curtis	B		decayed wood
<i>Agaricus holocirrhus</i> Berk. & M.A. Curtis	B		dead wood
<i>Agaricus leiophyllus</i> Berk. & M.A. Curtis	B		dead sticks
<i>Agaricus leucochrysos</i> Berk. & M.A. Curtis	B		decayed wood
<i>Agaricus leucoconis</i> Berk. & M.A. Curtis	B		wood
<i>Agaricus lividulus</i> Berk. & M.A. Curtis	B		dead twigs
<i>Agaricus microspilus</i> Berk. & M.A. Curtis	B		decayed wood
<i>Agaricus palmicola</i> Berk. & M.A. Curtis	B		dead Palms
<i>Agaricus palmularis</i> Berk. & M.A. Curtis	B		dead wood
<i>Agaricus periporphyrus</i> Berk. & M.A. Curtis	B		
<i>Agaricus pityrodes</i> Berk. & M.A. Curtis	B		dead wood
<i>Agaricus plumbarius</i> Berk. & M.A. Curtis	B		rotten sticks
<i>Agaricus porphyromyces</i> Berk. & M.A. Curtis	B		rotten sticks
<i>Agaricus primipilus</i> Berk. & M.A. Curtis	B		hill sides
<i>Agaricus rhodoconis</i> Berk. & M.A. Curtis	B		decayed wood
<i>Agaricus scymnodes</i> Berk. & M.A. Curtis	B		dead Palm-leaves
<i>Agaricus silvicola</i> f. <i>immutatus</i> S. Ito & S. Imai	B	Chichishima-o-haratake	ground
<i>Agaricus squamula</i> Berk. & M.A. Curtis	B		decayed wood
<i>Agaricus talpinus</i> Berk. & M.A. Curtis	B		decayed wood
<i>Agaricus tympaniticus</i> Berk. & M.A. Curtis	B		decayed wood
<i>Agaricus uber</i> Berk. & M.A. Curtis	B		shady wood
<i>Agaricus virescens</i> Berk. & M.A. Curtis	B		ground



Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Allomyces</i> sp.	S		
<i>Alternaria alternata</i> (Fr.) Keissl.	D		<i>Cucumis melo</i> L.; <i>Paspalum orbiculare</i> Forst.
<i>Alternaria</i> spp.	D		<i>Passiflora edulis</i> Sims.; <i>Cucumis melo</i> L.
<i>Amphichaetella echinata</i> (Kleb.) Höhn.	D		<i>Planchonella boninensis</i> (Nakai) Masam. & Yanagihara.
<i>Ampulliferina</i> sp.	D		<i>Casuarina stricta</i> (syn. <i>Allocasuarina verticillata</i> )
<i>Anapytychia dendritica</i> (Pers.) Vain.	A		
<i>Anapytychia pandurata</i>	A		
<i>Anthracobia</i> sp.	A		<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Anthracophyllum nigratum</i> (Lév.) Kalchbr.	B	Nettai-kataha	<i>Casuarina stricta</i> Ait.; fallen twigs; branch of broad leaved tree
<i>Antrodia albidia</i> (Fr.) Donk	B	Hime-shiroaritake	decayed wood
<i>Aphanocladium</i> sp.	D		<i>Kalanchoe pinnata</i>
<i>Apiognomonia terminaliae</i> Katum. & Y. Harada	A		<i>Terminalia catappa</i> L.
<i>Arcyria cinerea</i> (Bull.) Pers.	M	Shiro-utsubohokori	decayed wood
<i>Arcyria denudata</i> (L.) Wettst.	M	Utsubohokori	decayed wood
<i>Arcyria globosa</i> Schwein.	M	Shiratama-utsubohokori	
<i>Armatella litseae</i> var. <i>boninensis</i> Katum. & Y. Harada	A		<i>Cinnamomum pseudopedunculatum</i> Hayata.
<i>Armillaria tympanitica</i> Berk. & M.A. Curtis	B		
<i>Arthrinium phaeospermum</i> (Corda) M.B. Ellis	D		<i>Coffea arabica</i> L.
<i>Arthrinium</i> sp.	D		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.
<i>Arthrobotrys conoides</i> Drechsler	D		
<i>Arthrobotrys dactyloides</i> Drechsler	D		
<i>Arthrobotrys musiformis</i> Drechsler	D		
<i>Arthrobotrys oligospora</i> Fresen.	D		
<i>Ascobolus crenulatus</i> P. Karst.	A		dog dung
<i>Ascochyta miscanthi</i> Tak. Kobayashi et T. Okamoto	D		<i>Miscanthus condensatus</i> Hack.
<i>Ascochyta papyricola</i> Tassi	D		<i>Cyperus alternifolius</i> L.
<i>Ascochyta vitalbae</i> Briard & Har.	D		<i>Clematis boninensis</i> Hayata



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
b		Inoue, 1970
c	144-1-23; 144-1-20; MAFF306016; MAFF306024	Sato et al., 1991; Sato, 1990
c; h		Sato et al., 1991; Sato, 1990
h		Harada and Katumoto, 1981
h		Sato et al., 1991
c		Kurokawa, 1969
c		Kurokawa, 1969
a		Sato et al., 1991
a; h	MAFF430152; MAFF430154; TNS-F-182276; TNS-F-228442	Neda and Hattori, 1991; Hongo, 1977
h		Neda and Hattori, 1991
c		Sato et al., 1991
h		Katumoto and Harada, 1979
h		Yamamoto and Degawa, 2009; Yamamoto and Nagao, 1998
c; h		Yamamoto and Degawa, 2009; Yamamoto and Nagao, 1998
h		Yamamoto and Degawa, 2009
h		Katumoto and Harada, 1979
b		Neda and Sato, 2008; Kobayasi, 1937d
c	MAFF306003	Sato et al., 1991; Sato, 1990
c		Sato et al., 1991
b		Inoue, 1970
b		Inoue, 1970
b		Inoue, 1970
b		Inoue, 1970
c	TNS-F-25152--25156	
h		Kobayashi and Okamoto, 2003
h		Kobayashi and Okamoto, 2003
h		Kobayashi and Okamoto, 2003

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Ascophanus</i> sp.	A		
<i>Aspergillus japonicus</i> Saito	D		
<i>Aspergillus</i> spp.	D		<i>Phoenix canariensis</i> Chabaud.; <i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.; <i>Pinus luchuensis</i> Mayr; <i>Hibiscus rosa-sinensis</i> L.
<i>Asteridiella raphiolepidis</i> (W. Yamam.) Hansf.	A		<i>Raphiolepis integerrima</i> Hook. & Arn.
<i>Asterina megalospora</i> Berk. & M.A. Curtis	A		living leaves
<i>Atelocaula hyalospora</i> (Sawada) Y. Ono	B	Soshiju-sabikin	<i>Acacia confusa</i> Merr.
<i>Auricularia auricula-judae</i> (Bull.) Quél.	B	Kikurage	
<i>Auricularia delicata</i> (Fr.) Henn.	B		
<i>Auricularia leucochroma</i> Kobayasi	B	Usuki-kikurage	<i>Hibiscus glaber</i>
<i>Auricularia polytricha</i> (Mont.) Sacc.	B	Arage-kikurage	<i>Hibiscus glaber</i> Matsumura; <i>Pandanus odoratissimus</i> ; <i>Mangifera indica</i> L.; <i>Ficus elastica</i> Roxb.; <i>Raphiolepis integerrima</i> Hook. & Arn.; <i>Ficus elastica</i> Roxb.; <i>Ardisia sieboldii</i> Miq.; <i>Morus</i> <i>australis</i> Poir.; <i>Ficus retusa</i> L.
<i>Auriscalpium vulgare</i> Gray	B	Matsukasatake	burried cone of <i>Pinus luchuensis</i>
<i>Bahusakala longispora</i> Tokum. & Tubaki	D		decaying needles of <i>Pinus</i> <i>luchuensis</i>
<i>Bannoa hahajimensis</i> Hamam., Thanh & Nakase	B		dead leaves of <i>Bryophyllum</i> <i>pinnatum</i> ; fead leaves of <i>Raphiolepis wrightiana</i> ; fead leaves of <i>Syzygium buxifolium</i>
<i>Beltraniella portoricensis</i> (F. Stevens) Piroz. & S.D. Patil	D		
<i>Beltraniella</i> sp.	D		<i>Pinus luchuensis</i> Mayr
<i>Bensingtonia sakaguchii</i> Sugita, M. Takash., Hamam. & Nakase	D		leaf of <i>Bischofia javanica</i>
<i>Bionectria byssicola</i> (Berk. & Broome) Schroers &	A		
<i>Bionectria pseudostrata</i> Schroers	A		
<i>Bipolaris australiensis</i> (M.B. Ellis) Tsuda & Ueyama	D		<i>Passiflora edulis</i> Sims.; <i>Sorghum</i> <i>bicolor</i> (L.); <i>Moench. halepense</i> (L.) Pers. var. <i>propinquum</i> (Hitc.) Ohwi; <i>Sorghum bicolor</i> (L.); <i>Moench halepense</i> Pers.
<i>Bjerkandera fumosa</i> (Pers.) P. Karst.	B		

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
b		Inoue, 1970
k		Tokumasu, 1985
c; h		Sato et al., 1991; Sato, 1990; Inoue, 1970
c		Katamoto and Harada, 1979
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
c; h	TNS-F-30618; TNS-F-30812; TNS-F-30816--30817; TNS-F-30951--30963	Sato et al., 1991
b	TNS-F-6640	Kobayasi, 1937d; Yasuda, 1912
b		Inoue, 1970; Kobayasi, 1937d; Hennings, 1893
h	<b>TNS-F-193009*</b>	
a; c; h; j; o; (b)	228-1-13; MAFF305714; MAFF430166--430167; MAFF435154; TNS-F-195396; TNS-F-196658; TNS-F-201244; TNS-F-51261; TNS-F-6553; TNS-F-6576	Neda and Hattori, 1991; Sato, 1990; Inoue, 1970
c; h c; k	TNS-F-467--468; TNS-F-174738; TNS-F-182285	Hongo, 1978 Tokumasu, 1985; Tokumasu and Tubaki, 1983
h; (b)	CBS 9039	Hamamoto et al, 2002
k		Tokumasu, 1985
h b		Sato et al., 1991 Sugita et al, 1997
c; h	TNS-F-227857; TNS-F-227883; TNS-F-194115	
h	TNS-F-193511; TNS-F-227762; TNS-F-22777	
c	MAFF306001; MAFF306013; 248-1-11	Sato et al., 1991; Sato, 1990
h	TNS-F-227517	

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<i>Boedijnopeziza insittia</i> (Berk. & M.A. Curtis) S. Ito	A	Shiro-koppudake	dead fallen branches or wood; ground
<i>Boletus bovinus</i> L.	B	Amitake	ground
<i>Bombyliospora domingensis</i> var. <i>boninensis</i> Asahina	A		bark
<i>Boninogaster phalloides</i> Kobayasi	B	Shinju-take	decaying <i>Pandanus boninensis</i>
<i>Boninohydnum pini</i> S. Ito & S. Imai	B	Ogasawara-hari-hiratake	trunks of <i>Pinus luchuensis</i>
<i>Bullera boninensis</i> Sugita, Cañ.-Gib., M. Takash. &	B		dead leaf of <i>Osteomeles lanata</i> ; dead leaf of <i>Schima mertensiana</i>
<i>Bullera schimicola</i> Sugita, Cañ.-Gib., M. Takash. &	B		dead leaf of <i>Schima mertensiana</i>
<i>Bullera waltii</i> Sugita, Cañ.-Gib., M. Takash. & Nakase	B		dead leaf of <i>Schima mertensiana</i> ; dead leaf of <i>Machilus kobu</i> ; dead leaf of <i>Syzygium buxifolium</i> ; dead leaf of <i>Callicarpa subpubescens</i>
<i>Cainia boninensis</i> Katum. & Y. Harada	A		<i>Planchonella boninensis</i> (Nakai) Masam. & Yanagihara.
<i>Callistosporium luteo-olivaceum</i> (Berk. & M.A. Curtis) Singer	B	Hime-kishimeji	
<i>Calocera cornea</i> (Batsch) Fr.	B	Tsuno-hunoritake	decayed wood
<i>Calocera furcata</i> (Fr.) Fr.	B	Aoki-tsunofunoritake	decaying coniferous wood
<i>Calvatia boninensis</i> S. Ito & S. Imai	B	O-noutake	fallen leaves; branches; ground (pine forest)
<i>Calvatia craniiformis</i> (Schwein.) Fr. ex De Toni	B	Noutake	ground
<i>Calvatia craniiformis</i> var. <i>gardneri</i> (Berk.) Kobayasi	B	O-nohtake	ground
<i>Camarophyllus microbicolor</i> S. Ito	B	Futairo-kogasa	
<i>Campanella boninensis</i> (S. Ito & S. Imai) Parmasto	B	Munin-chijimitake	
<i>Campsosporium</i> sp.	D		
<i>Campsotrichum circinatum</i> Berk. & M.A. Curtis	A		dead leaves
<i>Campylospora chaetocladia</i> Ranzoni	D		
<i>Candelabrochaete langloisii</i> (Pat.) Boidin	B		dacayed branch of <i>Terminalia catappa</i>
<i>Candelabrum</i> sp.	D		
<i>Capnodiastrum guaraniticum</i> Spig.	D		<i>Trema orientalis</i> (L.) Blume
<i>Ceratiomyxa fruticulosa</i> (O.F. Müll.) T. Macbr.	M	Tsunohokori	
<i>Ceratiomyxa fruticulosa</i> var. <i>flexuosa</i> (Lister) G. Lister	M	Namiutchi-tsunohokori	decayed wood
<i>Ceratosporella</i> sp.	D		

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h	TNS-F-174270; TNS-F-25524; TNS-F-50389--50390	Sato et al., 1991; Ito and Imai, 1937b
c		Ito and Imai, 1940a
h		Asahina, 1934
c; h	TNS-F-238174	Kobayasi, 1937c
c		Ito and Imai, 1940b
c	CBS 9141=NBRC 100922; CBS 9142=NBRC 100923	Sugita et al. 1999
c	CBS 9144=NBRC 100924	Sugita et al. 1999
a; c; h	CBS 9143=NBRC 100925; NBRC 100926; NBRC 100927	Sugita et al. 1999
h		Katamoto and Harada, 1979
b		Neda and Sato, 2008
c		Neda and Hattori, 1991
c		Ito and Imai, 1940b
c; h; o; (b)	TNS-F-13364; TNS-F-24768; TNS-F-172523; TNS-F-174743	Neda and Hattori, 1991; Hongo, 1980; Ito and Imai, 1939
c; h	MAFF430175; TNS-F-179814	
c		Kobayasi, 1937a
b		Neda and Sato, 2008
b		Neda and Sato, 2008
b		Inoue, 1970
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Inoue, 1970
h		Maekawa, 1999
b		Inoue, 1970
h		Katamoto and Harada, 1979
h		Yamamoto and Degawa, 2009
c; h		Yamamoto and Degawa, 2009; Yamamoto and Nagao, 1998
b		Inoue, 1970

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<i>Cercospora abelmoschi</i> Ellis & Everh.	D		<i>Abelmoschus esculentus</i> (L.) Moench.
<i>Cercospora coffeicola</i> Berk. & Cooke	D		<i>Coffea arabica</i> L.
<i>Cercospora japonica</i> Nakashima, Tak. Kobayashi et T. Okamoto	D		<i>Commelina benghalensis</i> L.
<i>Cercospora moricola</i> Cooke	D		<i>Morus boninensis</i> Koidz.
<i>Cercospora</i> sp.	D		<i>Bidens pilosa</i> var. <i>minor</i> (Blume) Sherff.
<i>Chaetoporus vinctus</i> (Berk.) J.E. Wright	B		
<i>Chaetospermopsis boninensis</i> Katum. & Y.	D		<i>Planchonella boninensis</i> (Nakai) Masam. & Yanagihara.
<i>Chalara paradoxa</i> (De Seynes) Sacc.	D		<i>Ananas comosus</i> (L.) Merr.; <i>Mycena chlorophos</i> (Berk. & M.A. Curtis) Sacc.
<i>Chalara</i> sp.	D		<i>Schima wallichii</i> (DC.) Korth.
<i>Chlamydomyces</i> sp.	D		<i>Musa sapientum</i> L.
<i>Chloridium</i> sp.	D		decayed wood; fallen leaves
<i>Chlorophyllum molybdites</i> (G. Mey.) Masee	B	Oshiro-karakasatake	
<i>Choanephora conjuncta</i> Couch	Z		<i>Abelmoschus esculentus</i> (L.) Moench.; <i>Coffea arabica</i> L.; <i>Hibiscus rosa-sinensis</i> L.
<i>Choanephora infundibulifera</i> (Curr.) D.D. Cunn.	Z		<i>Abelmoschus esculentus</i> (L.) Moench.; <i>Coffea arabica</i> L. ; <i>Hibiscus rosa-sinensis</i> L.
<i>Circulocolumella hahashimensis</i> (S. Ito & S. Imai) S. Ito & S. Imai	B	Hahashima-ako-shoro	bark; wood
<i>Cladonia conistea</i> (Delise) Asahina	A		
<i>Cladonia didyma</i> (Fée) Vain.	A		
<i>Cladonia subcariosa</i> Nyl.	A		
<i>Cladosporium cladosporioides</i> (Fresen.) G.A. de Vries	D		
<i>Cladosporium</i> spp.	D		<i>Kalanchoe pinnata</i> ; <i>Phoenix canariensis</i> Chabaud.; <i>Pandanus odoratissimus</i> ; <i>Schima wallichii</i> (DC.) Korth.; <i>Passiflora edulis</i> Sims.; <i>Hibiscus rosa-sinensis</i> L.; <i>Elaeocarpus photiniaefolius</i> Hook. et Arn.; <i>Mycena cyanophos</i> Berk. & M.A. Curtis
<i>Clastoderma debaryanum</i> A. Blytt	M	Kbinagahokori	
<i>Clavaria amethystina</i> (Batt.) Bull. ex Fr.	B	Murasaki-houkitake	ground

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h	139-1-17; 139-1-18	Sato et al., 1991; Sato, 1987a
c; h	228-1-21; 139-1-19--21; MAFF306006	Sato et al., 1991; Sato, 1990; Sato, 1987a
h		Kobayashi and Okamoto, 2003
c; h	MAFF238687; MAFF239133	
c	248-1-3	Sato et al., 1991; Sato, 1990
h	TNS-F-227509	
h		Katumoto and Harada, 1979
c	MAFF305792; MAFF306023	Sato et al., 1991; Sato, 1990
a		Sato et al., 1991
c		Sato et al., 1991
c; h		Sato et al., 1991
c; h; (b)	TNS-F-194957--194959	Neda and Sato, 2008
c; h		Sato et al., 1991; Sato, 1990
c; h	MAFF306029--306031	
h		Imai, 1957
c		Kurokawa, 1969
c		Kurokawa, 1969
c		Kurokawa, 1969
k		Tokumasu, 1985
a; c; h; (b)	144-1-24	Sato et al., 1991; Sato, 1990; Inoue, 1970
h		Yamamoto and Degawa, 2009
c		Ito and Imai, 1937b

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<i>Clavaria boninensis</i> S. Ito & S. Imai	B	Ogasawara-shiro-himehoukitake	ground
<i>Clavaria fragilis</i> Holmsk.	B	Shiro-soumentake	ground
<i>Clavaria laeta</i> Berk. & Broome	B	Akebono-soumentake	ground
<i>Clavaria subacuta</i> S. Ito & S. Imai	B	Munin-yarinohotake	ground
<i>Clavaria subargillacea</i> S. Ito & S. Imai	B	Munin-kiashi-senkoutake	ground
<i>Clavaria zippelii</i> Lév.	B	Tobihiro-houkitake	ground
<i>Clavariopsis aquatica</i> De Wild.	D		
<i>Clavatospora tentacula</i> Sv. Nilsson	D		
<i>Claviceps paspali</i> F. Stevens & J.G. Hall	A		<i>Paspalum conjugatum</i> Berg.
<i>Claviceps purpurea</i> (Fr.:Fr.) Tul.	A		<i>Paspalum conjugatum</i> Berg.
<i>Clitocybe castaneofloccosa</i> S. Ito & S. Imai	B	Munin-hime-sakazukitake	
<i>Clitocybe umbilicata</i> (Schaeff.) P. Kumm.	B		
<i>Clitocybe vittatipes</i> S. Ito & S. Imai	B	Hachimaki-inushimeji	among fallen leaves; twigs (forest)
<i>Coccocarpia cronia</i> (Tuck.) Vain.	A		
<i>Coccocarpia pellita</i> (Ach.) Müll. Arg.	A		
<i>Codinaea simplex</i> S. Hughes & W.B. Kendr.	D		
<i>Codinaea</i> sp.	D		<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Coemansia</i> sp.	Z		
<i>Coenogonium boninense</i> M. Satô	A	Ogasawara-sumeiremodoki	bark of trees
<i>Coleopucciniella ideii</i> Hirats.	B		<i>Rhaphiolepis integerrima</i> Hook. & Arn.; <i>Rhaphiolepis umbellata</i> var. <i>integerrima</i> R. Deut.
<i>Coleosporium clematidis</i> Barclay	B	Munin-senninsou-sabikin	<i>Clematis boninensis</i> Hayata
<i>Coleosporium eupaderiae</i> L. Guo	B		<i>Paederia scandens</i> (Lour.) Merr.
<i>Coleosporium paederiae</i> Dietel ex Hirats. f.	B	Yaitobana-sabikin	<i>Paederia scandens</i> (Lour.) Merr. var. <i>longituba</i> (Nakai) Hara
<i>Coleosporium zanthoxyli</i> Dietel & P. Syd.	B	Akouzanshou-sabikin	<i>Zanthoxylum ailanthoides</i> Sieb. & Zucc. var. <i>boninshimae</i> (Koidz.) Yamazaki



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c		Ito and Imai, 1937b
c; h		Ito and Imai, 1937b
c		Ito and Imai, 1937b
c		Ito and Imai, 1937b
c		Ito and Imai, 1937b
b		Inoue, 1970
b		Inoue, 1970
c; h	MAFF306124	Sato et al., 1991
c; h	228-2-1; 228-2-2	
b		Neda and Sato, 2008; Ito and Imai, 1939
b		Neda and Sato, 2008
h	TNS-F-182295	Hongo, 1980
c		Kurokawa, 1969
c		Kurokawa, 1969
k		Tokumasu, 1985
c		Sato et al., 1991
b		Inoue, 1970
h		Sato, 1934; Sato, 1933
b		Hiratsuka and Hiratsuka, 1969; Hiratsuka, 1944
c; h	TNS-F-30646; TNS-F-30819--30829	Sato et al., 1991; Harada, 1979; Hiratsuka and Hiratsuka, 1969; Hiratsuka, 1944
h		Kobayashi and Okamoto, 2003
c; h	TNS-F-30619; TNS-F-30627; TNS-F-30656; TNS-F-30668; TNS-F-30675; TNS-F-30729; TNS-F-30731--30732; TNS-F-30745; TNS-F- 30758; TNS-F-30901--30915	Sato et al., 1991
c; h; m; u	TNS-F-30723; TNS-F-31119--31126	Sato et al., 1991; Hiratsuka and Hiratsuka, 1969

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Collaria arcyriionema</i> (Rostk.) Nann.-Bremek.	M	Tsuyaerihokori	decayed wood
<i>Colletotrichum acutatum</i> J.H. Simmonds	D		<i>Capsicum annuum</i> L.
<i>Colletotrichum boninense</i> J. Moriwaki, Toy. Sato & T. Tsukib.	D		<i>Amaryllis belladonna</i> L.; <i>Crinum asiaticum</i> L. var. <i>sinicum</i> Bak.; <i>Cucumis melo</i> L.; <i>Passiflora edulis</i> Sims
<i>Colletotrichum capsici</i> (Syd.) E.J. Butler & Bisby	D		<i>Passiflora edulis</i> Sims.; <i>Amaryllis belladonna</i> L.
<i>Colletotrichum coffeanum</i> F. Noack	D		<i>Coffea arabica</i> L.; <i>Coffea</i> spp.
<i>Colletotrichum dematium</i> (Pers.) Grove	D		<i>Passiflora edulis</i> Sims.
<i>Colletotrichum gloeosporioides</i> (Penz.) Penz. & Sacc.	D		<i>Passiflora edulis</i> Sims.; <i>Angelica japonica</i> A. Gray var. <i>boninensis</i> (Tuyama) Yamazaki; <i>Annona muricata</i> L.; <i>Averrhoa carambola</i> L.; <i>Carica papaya</i> L.; <i>Casimiroa edulis</i> La Llave.; <i>Coffea arabica</i> L.; <i>Crinum asiaticum</i> L. var. <i>sinicum</i> Bak.; <i>Crinum gigas</i> Nakai; <i>Gossypium</i> sp.; <i>Hibiscus rosa-sinensis</i> L.; <i>Mangifera indica</i> L.; <i>Morus australis</i> Poir.; <i>Morus nigra</i> L.; <i>Musa</i> sp.; <i>Peucedanum boninense</i> Tuyama; <i>Ruscus aculeatus</i> L.; <i>Veitchia merrillii</i> H.E.Moore. Jr.; <i>Annona squamosa</i> L.; <i>Persea americana</i> Mill.; <i>Psidium guajava</i> L.; <i>Cucumis melo</i> L.; <i>Capsicum annuum</i> L.; <i>Pandanus boninensis</i>
<i>Colletotrichum musae</i> (Berk. & Curt.) Arx	D		<i>Musa acuminata</i> Colla x <i>Musa balbiciana</i> Colla; <i>Musa sapientum</i> L.; <i>Musa</i> sp.
<i>Collybia alphotophylla</i> (Berk. & M.A. Curtis) S. Ito & S.	B	Nettai-numeritake	dead wood
<i>Collybia efflorescens</i> Berk. & M.A. Curtis	B		
<i>Collybia matris</i> S. Ito & S. Imai	B	Hahano-tsuetake, Haha-no-tsue	decayed wood
<i>Collybia palmicola</i> Berk. & M.A. Curtis	B		
<i>Collybia talpina</i> Berk. & M.A. Curtis	B		
<i>Colonnaria columnata</i> (Bosc) E. Fisch.	B	Yotsude-take	ground (woods)

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c		Yamamoto and Nagao, 1998
c	MAFF306096	Moriwaki et al., 2002
c; h	MAFF238644; MAFF305972--305973; MAFF306094; MAFF305998	Moriwaki et al., 2002, 2003; Sato, 1997; Horie et al., 1990
c; h	MAFF238718	Kobayashi and Okamoto, 2003; Moriwaki et al., 2002
c; h	139-1-23; 139-1-30; 140-1-17; 144-1-21; 228-1-12; MAFF305593	Moriwaki et al., 2002; Sato et al., 1991; Sato, 1990; Sato, 1987a, b
c	MAFF305982	Moriwaki et al., 2002 ; Sato et al., 1991; Sato, 1990; Horie et al., 1990
c; h	139-1-11--14; 144-1-12; 144-1-14; 144-1-18; 144-1-19; 144-1-25; 144-1-29; 228-1-14; 228-1-3; 228-1-8; 248-1-14; 248-1-16; MAFF305594; MAFF305750--305753; MAFF305787--305790; MAFF305981; MAFF305994--305997; MAFF305999; MAFF306009--306012; MAFF306085; MAFF306099; MAFF306202-- 306203; MAFF306412	Hirooka et al., 2006; Kobayashi and Okamoto, 2003; Moriwaki et al., 2002 ; Sato, 1997, 1990, 1987a,b; Sato et al., 1991; Horie et al., 1990
c; h	139-1-28; 139-1-29; 228-1-16; MAFF305595	Moriwaki et al., 2003; Sato et al., 1991; Sato, 1990, 1987a,b
c; h		Ito and Imai, 1939
b		Neda and Sato, 2008; Kobayasi, 1937d
c; h; (b)		Neda and Sato, 2008; Ito and Imai, 1939
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008; Kobayasi, 1937d
h		Ito and Imai, 1937a

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<i>Coltricia perennis</i> (L.)	B		
<i>Coniochaeta leucoplaca</i> (Berk. & Ravenel) Cain	A		
<i>Coniocybe luteum</i> Asahina	A		decayed wood
<i>Coniothyrium</i> sp.	D		<i>Phoenix canariensis</i> Chabaud.
<i>Conocybe lactea</i> (J.E. Lange) Métrod	B	Kikogasatake	among grass by roadside
<i>Copelandia tropicalis</i> (Ola'h) Singer & R.A. Weeks	B		among dead leaves of <i>Musa</i> ; among fallen leaves; among grass by roadsides
<i>Coprinellus disseminatus</i> (Pers.) J.E. Lange	B	Inu-senbontake	
<i>Coprinus boninensis</i> S. Ito & S. Imai	B	Munin-hitoyotake	decaying herbs
<i>Coprinus disseminatus</i> (Pers.) Gray	B	Inu-senbontake	decayed wood
<i>Coprinus modestus</i> Berk. & M.A. Curtis	B		decayed wood
<i>Coprinus plicatilis</i> (Curtis) Fr.	B	Hime-higasa-hitoyo	ground; decayed wood; vegetable (woods)
<i>Coprotus granuliformis</i> (P. Crouan & H. Crouan) Kimbr.	A		goat dung
<i>Coprotus lacteus</i> (Cooke & W. Phillips) Kimbr., Luck-Allen & Cain	A		goat dung
<i>Cordyceps tuberculata</i> (Lebert) Maire var. <i>terminalis</i> Kobayasi	A		<i>Macroglossum inspida</i>
<i>Coriolus flabelliformis</i> (Klotzsch) G. Cunn.	B	Uchiwatake	<i>Machilus kobu</i> Maxim.
<i>Coriolus hirsutus</i> (Wulfen) Pat.	B		
<i>Coriolus ochrotinctus</i> (Berk. Et Curt.) Aoshima	B		<i>Machilus kobu</i> Maxim.
<i>Coriolus versicolor</i> (L.) Qué	B		
<i>Corticium boninense</i> S. Ito & S. Imai	B	Ogasawara-kami-koyakutake	fallen dead twigs
<i>Corticium cyatheae</i> S. Ito & S. Imai	B	Hego-no-kohyakutake	petiole of <i>Cyathea mertensiana</i> (Kunze) Copel. <i>boninsimensis</i>
<i>Corticium rolfsii</i> Curzi	B		Fancy-leafed caladium; <i>Cucumis melo</i> L.
<i>Cosmospora flammea</i> (Tul. & C. Tul.) Rossman & M.A. Curtis	A		
<i>Cosmospora peponum</i> (Berk. & M.A. Curtis) Rossman & Samuels	A		<i>Melastoma tetramerum</i> Hayata
<i>Craterium concinnum</i> Rex	M	Ko-sakazukihokori	
<i>Craterium leucocephalum</i> (Pers.) Ditmar	M	Shiro-sakazukihokori	

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c	TNS-F-180421	
b		Inoue, 1970
h		Asahina, 1932
c		Sato et al., 1991; Sato, 1990
h; (b)	TNS-F-182296	Neda and Sato, 2008; Hongo, 1978
h	TNS-F-182268; TNS-F-228436; TNS-F-228438	
b		Neda and Sato, 2008
c; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
c; h		Neda and Hattori, 1991
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
c; h		Ito and Imai, 1940a
c	TNS-F-25104; TNS-F-25106	
c	TNS-F-25105; TNS-F-25173	
b	<b>TNS-F-180798*</b>	
h; m	TNS-F-1956--1957; TNS-F-201127; TNS-F-227481; TNS-F-227486	Aoshima, 1983
h	TNS-F-227486	
m		Aoshima, 1983
c; h	TNS-F-2074; TNS-F-227441	
c		Ito and Imai, 1940b
c; h		Ito and Imai, 1940b
c		Sato, 1990, 1987a,b
h	MAFF241482	
c	MAFF240342	Hirooka et al., 2008
c		Yamamoto and Degawa, 2009
c		Yamamoto and Degawa, 2009

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Craterium leucocephalum</i> var. <i>scyphoides</i> (Cooke & Balf. f. ex Masee) G. Lister	M	Maru-sakazukihokori	fallen leaves of <i>Calophyllum</i> <i>inophyllum</i>
<i>Crepidotus cacao</i> (Berk. & M.A. Curtis) Sacc	B		
<i>Crepidotus flavolivens</i> Berk. & M.A. Curtis	B		
<i>Crepidotus leucochrysos</i> Berk. & M.A. Curtis	B		
<i>Crepidotus palmularis</i> Berk. & M.A. Curtis	B	Ogasawara-cha- hiratake	dead wood
<i>Crepidotus roseus</i> var. <i>boninensis</i> Hongo	B	Barairo-cha-hiratake	fallen trunk (forest); decayed wood of broad leaves trees
<i>Crepidotus scymnoides</i> Berk. & M.A. Curtis	B		
<i>Crepidotus</i> sp.	B		<i>Schima wallichii</i> (DC.) Korth.
<i>Crepidotus subpurpureus</i> S. Ito & S. Imai	B	Murasaki-cha-hiratake	rotting trunk of wood
<i>Crepidotus uber</i> (Berk. & M.A. Curtis) Sacc.	B	Munin-hime-cha- hiratake	dead twigs; rotting wood
<i>Cribraria intricata</i> Schrad.	M	Hushiamihokori	decayed wood
<i>Cribraria intricata</i> var. <i>dictyodioides</i> (Cooke & Balf. f.) Lister	M	Saranasi-amihokori	
<i>Cribraria languescens</i> Rex	M	Ojigi-amihokori	
<i>Cribraria microcarpa</i> (Schrad.) Pers.	M	Ashinaga-amihokori	
<i>Cribraria piriformis</i> var. <i>notabilis</i> Rex	M	Marunashi-amihokori	decayed wood
<i>Cribraria tenella</i> Schrad.	M	Amihokori	
<i>Crinipellis patouillardii</i>	B		
<i>Cunninghamella</i> spp.	Z		
<i>Curvularia</i> spp.	D		fallen branches; <i>Passiflora edulis</i> Sims.; soil
<i>Cyathus badius</i> Kobayasi	B	Kabairo-tyadaigoke	wooden frame covered by sand
<i>Cyathus boninensis</i> S. Ito & S. Imai	B	Munin-chadaigoke	dead wood
<i>Cyathus striatus</i> (Huds.)	B	Sujichadaigoke	
<i>Cylindrocarpon boninense</i> Ts. Watan.	D		sandy soil
<i>Cylindrocarpon</i> sp.	D		sandy soil
<i>Cylindrocladiella</i> <i>lageniformis</i> Crous, M.J. Wingf. & Alferas	D		soil
<i>Cylindrocladium citri</i> (H.S. Fawc. & Klotz) Boedijn & Ritz. Bos	D		forest soil
<i>Cylindrocladium</i> sp.	D		fallen leaves
<i>Cyphella cyatheae</i> S. Ito & S. Imai	B	Hego-no-furui-take	<i>Cyathea mertensiana</i> (Kunze) Copel. boninsimensis

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c		Yamamoto and Nagao, 1998
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Kobayasi, 1937d
b		Neda and Sato, 2008; Kobayasi, 1937d
c; (b)		Neda and Sato, 2008; Ito and Imai, 1940a; Kobayasi, 1937d
h	<b>TNS-F-237311*</b>	Neda and Hattori, 1991
b		Neda and Sato, 2008; Kobayasi, 1937d
c; h		Neda and Hattori, 1991
h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
c; h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a; Kobayasi, 1937d
c		Yamamoto and Nagao, 1998
c		Yamamoto and Degawa, 2009
c		Yamamoto and Degawa, 2009
c; h		Yamamoto and Degawa, 2009
c		Yamamoto and Nagao, 1998
h		Yamamoto and Degawa, 2009
b		Neda and Sato, 2008
b		Inoue, 1970
c; h	MAFF241881	Sato et al., 1991
c	<b>TNS-F-172699*</b>	Kobayasi, 1937c
c		Ito and Imai, 1937a
c	TNS-F-24939	
h	<b>MAFF238163*</b>	Watanabe et al., 2001a,b
h	<b>MAFF238169*</b>	Watanabe et al., 2001a
c	MAFF241882--241883	
h	<b>MAFF238171*</b>	Watanabe et al., 2001a, Watanabe and Nakamura, 2004
a		Sato et al., 1991
c		Ito and Imai, 1940b

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<i>Cyphella epileuca</i> Berk. & M.A. Curtis	B		dead panicles
<i>Cyptotrama asprata</i> (Berk.) Redhead & Ginns	B	Daidaigasa	broadleaf trees
<i>Dactylaria</i> spp.	D		<i>Schima wallichii</i> (DC.) Korth.; fallen leaves
<i>Dactylella chichisimensis</i> Ts. Watan.	D		sandy soil
<i>Dactylella gephyropaga</i> Drechsler	D		
<i>Dactylella</i> spp.	D		<i>Pandanus odoratissimus</i>
<i>Daedaleopsis tenuis</i> (Hook.) Imazeki	B		
<i>Daldinia concentrica</i> (Bolton) Ces. & De Not.	A		decayed wood
<i>Daldinia eschscholzii</i> (Ehrenb.) Rehm	A	Chakobu-modoki	dead wood
<i>Dasyascyphus oncospermatis</i> (Berk. & Broome) Sacc.	A		
<i>Delitschia leporina</i> Griffiths	A		
<i>Diachea leucopoda</i> (Bull.) Rostaf.	M	Jikurohokori	
<i>Diccephalospora rufocornea</i> (Berk. & Broome) Spooner	A		<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Dictyolus boninensis</i> S. Ito & S. Imai	B	Munin-chijimitake	dead wood
<i>Dictyopanus gloeocystidiatus</i> Corner	B		
<i>Dictyopanus pusillus</i> (Pers. ex Lév.) Singer	B	Suzumetake	<i>Pinus luchuensis</i> Mayr; <i>Rhaphiolepis integerrima</i> Hook. & Arn.; <i>Schima wallichii</i> (DC.) Korth.; <i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.; <i>Syzygium buxifolius</i> Hook. et Arn.; broad leaved tree
<i>Dictyuchus sterilis</i> Coker	O		soil
<i>Diderma effusum</i> (Schwein.) Morgan	M	Honehokori	
<i>Diderma platycarpum</i> var. <i>berkeleyanum</i> Nann-	M	Barkrei-honehokori	
<i>Diderma saundersii</i> (Berk. & Broome ex Massee) Lado	M	Bahkurei-honehokori	
<i>Didymella bryoniae</i> (Auersw.) Rehm	A		<i>Cucumis melo</i> L.



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
c; h		Neda and Hattori, 1991
a; h; k; (b)		Sato et al., 1991; Tokumasu, 1985; Inoue, 1970
c	<b>MAFF238165*</b>	Watanabe et al., 2001c
b		Inoue, 1970
h; k; (b)		Sato et al., 1991; Tokumasu, 1985; Inoue, 1970
c; h; (b)	TNS-F-169799; TNS-F-227356; TNS-F-227372; TNS-F-227377; TNS-F-227459; TNS-F-227560; TNS-F-227568; TNS-F-227635; TNS-F-3492--3497	
h		Sato et al., 1991
c; (b)	TNS-F-208557	Ito and Imai, 1940b
c; h	TNS-F-227451; TNS-F-227478; TNS-F-232712	
b		Inoue, 1970
c; h		Yamamoto and Degawa, 2009
a; h	TNS-F-180388; TNS-F-227437	Sato et al., 1991
c		Ito and Imai, 1939
b		Inoue, 1970
a; c; h; o; u	228-1-2; TNS-F-10584; MAFF305977; MAFF430192--430194; MAFF435157; MAFF435162	Neda and Hattori, 1991; Sato, 1990
c; (b)		Inoue, 1970; Kobayasi and Konno, 1969
h		Yamamoto and Degawa, 2009
c		Yamamoto and Nagao, 1998
h		Yamamoto and Degawa, 2009
c	139-1-8	

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<i>Didymium clavus</i> (Alb. & Schwein.) Rabenh.	M	Nabakatahokori	
<i>Didymium iridis</i> (Ditmar) Fr.	M	Gomashio-katahokori	
<i>Didymobotryum rigidum</i> (Berk. & Broome) Sacc.	D		<i>Cocos nucifera</i>
<i>Didymobotryum verrucosum</i> I. Hino & Katum.	D		<i>Cocos nucifera</i> L.; <i>Dendrocalamus latiflorus</i> Munro; bamboo; <i>Dendrocalamus latiflorus</i> Munro; <i>Pleiolblastus Simonii</i> (Carr.) Nakai
<i>Dimerium pulveraceum</i> (Speg.) Theiss.	A		<i>Fatsia oligocarpella</i> (Nakai) Koidz.
<i>Dischloridium</i> sp.	D		<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Discosia ostiolata</i> Berk. & M.A. Curtis	D		dead leaves
<i>Discula terminaliae</i> (P. Syd. & E.J. Butler) Katum. & Y. Harada	D		<i>Terminalia catappa</i> L.
<i>Doratomyces</i> spp.	D		
<i>Drechslera</i> sp.	D		<i>Kalanchoe pinnata</i> ; <i>Schima wallichii</i> (DC.) Korth.
<i>Elfvigia applanata</i> (Pers.) P. Karst.	B	Kofuki-sarunokoshikake	<i>Neolitsea boninensis</i> ; <i>Schima wallichii</i> subsp. <i>Noronhae</i>
<i>Endocalyx cinctus</i> Petch	D		<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Endocalyx indumentum</i> G. Okada & Tubaki	D		<i>Phoenix canariensis</i> Chabaud.; <i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.; <i>Livistona chinensis</i> var. <i>subglobosa</i>
<i>Endocalyx melanoxanthus</i> (Berk. & Broome) Petch	D	Nenkin-modoki	<i>Elaeis guineensis</i> Jacq.; <i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.; <i>Phoenix canariensis</i> Chabaud.; <i>Washingtonia robusta</i>
<i>Endophragma</i> sp.	D		<i>Arundo donax</i> L.
<i>Entoloma cyanulum</i> (Lasch) Noordel	B		
<i>Entoloma lampropus</i> (Fr.) Hesler	B	Aoeno-momiuratake	
<i>Entoloma murrayi</i> (Berk. & M.A. Curtis) Sacc.	B	Ki-ibokasatake	
<i>Entoloma virescens</i> (Berk. & M.A. Curtis) E. Horak ex Courtec.	B	Sorairotake	
<i>Erysiphe cichoracearum</i> DC.	A		<i>Lycopersicon esculentum</i> Mill.; <i>Nicotiana tabacum</i> L.

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h		Yamamoto and Degawa, 2009
c; h		Yamamoto and Degawa, 2009
c		
c; (b)		Sato et al., 1991
h		Katumoto and Harada, 1979
c		Sato et al., 1991
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
c; h; u	248-1-6; 248-1-17; MAFF305976	Sato et al., 1991; Sato, 1990; Katumoto and Harada, 1979
b		Inoue, 1970
a; c		Sato et al., 1991
c; h; (b)	TNS-F-201229--TNS-F-201233; TNS-F-227643; TNS-F-26098; TNS-F-3564; TNS-F-3570--3572	
a; c; h		Sato et al., 1991
a; c; h	TNS-F-18238; <b>TNS-F-18280*</b> ; CBS 104.86=NBRC 31307	Sato et al., 1991; Okada and Tubaki, 1984
a; c; h	TNS-F-18240; TNS-F-18262; TNS-F-18266	Sato et al., 1991; Kobayasi, 1939
c		Sato et al., 1991
b		Neda and Sato, 2008
b		Neda and Sato, 2008
b		Neda and Sato, 2008
b		Neda and Sato, 2008
c; h	140-1-14--16	Sato et al., 1991; Sato, 1987a,b

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<i>Eudarluca caricis</i> (Biv.) O.E. Erikss.	A		<i>Sporobolus diander</i> (Retz.) Beauv.; <i>Miscanthus boninensis</i> Nakai ex Honda; <i>Miscanthus condensatus</i> Hack.; <i>Digitaria timorensis</i> Balana.; <i>Bothriochloa parviflora</i> (R. Br.) Ohwi.; <i>Sorghum halepense</i> Pers.; <i>Sorghum sudanense</i> (Piper) Stapf.; <i>Imperata cylindrica</i> (L.) Beauv. var. <i>koenigii</i> (Retz.) Durand & Schinz; <i>Carex hattoriana</i> Nakai ex Tuyama; <i>Carex oahuensis</i> C.A.Mey. var. <i>bongardii</i> (Boott) Franch. & Sav.; <i>Uromyces kawakamii</i> Syd. & P. Svd.
<i>Eupenicillium</i> sp.	A		
<i>Exidia granulosa</i> Fr.	B	Hime-kikurage	broadleaf trees
<i>Farysia</i> sp.	B		<i>Carex oahuensis</i> C.A.Mey. var. <i>bongardii</i> (Boott) Franch. & Sav.
<i>Favolaschia pezizaeformis</i> (Berk. & Curt.) Sing	B	Enashi-rasshi-take	<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Favolus grammocephalus</i> (Berk.) Imazeki	B	Sujiuchiwatake	
<i>Fellomyces distylii</i> Hamam., Kuroy. & Nakase	D		leaf of <i>Distylium lepidotum</i>
<i>Fellomyces ogasawarensis</i> Hamam., Kuroy. & Nakase	D		leaf of <i>Distylium lepidotum</i>
<i>Femsjonia peziziformis</i> (Lé v.) P. Karst.	B		
<i>Flammula holocirrha</i> Berk. & M.A. Curtis	B		
<i>Flammulaster limulatus</i> (Fr.) Watling	B		
<i>Fomes australis</i> (Fr.) Cooke	B		
<i>Fomes lamaoensis</i> (Murrill) Sacc. & Trotter	B	Shima-saruno- koshikake	
<i>Fomes lucidus</i> (Curtis)	B	Mannen-take	
<i>Fomes melanoporus</i> (Mont.) Sacc.	B		
<i>Fomes rimosus</i> (Berk.)	B	O-meshimakobu	dead tree of <i>Morus boninensis</i>
<i>Fomes sanfordii</i> Lloyd	B		
<i>Fomes terminaliae</i> S. Ito & S. Imai	B	Nagami-no-shima- saru-no-koshikake	dead; leaving wood of <i>Terminalia catappa</i>
<i>Fomes torulosus</i> (Pers.)	B		
<i>Fomes ulmarius</i> Fr.	B	O-shiro- sarunokoshikake	tree trunks of <i>Casuarina equisetifolia</i>
<i>Fomitella rhodophaea</i> (Lév.) T. Hatt.	B		
<i>Fuligo septica</i> (L.) F.H.	M	Susuhokori	decayed wood

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h		Sato, 1995
b		Inoue, 1970
c		Neda and Hattori, 1991
h		Sato et al., 1991
a; c	MAFF430197	Neda and Hattori, 1991; Kobayasi, 1937b
h	TNS-F-51239; TNS-F-51260; TNS-F-51267; TNS-F-51269	
b		Hamamoto et al, 1998
b		Hamamoto et al, 1998
h	TNS-F-232789	
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008
b		Kobayasi, 1937d
b		Kobayasi, 1937d; Yasuda, 1916f
b		Kobayasi, 1937d; Yasuda, 1913c
b	TNS-F-202604	
c		Ito and Imai, 1940b
b	TNS-F-201573	
c		Ito and Imai, 1940b
c; (b)	TNS-F-202622; TNS-F-201251	
c; (b)	TNS-F-201234; TNS-F-201249	Ito and Imai, 1940b
h	TNS-F-227636	
c		Yamamoto and Nagao, 1998

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Fuligo septica</i> f. <i>flava</i> (Pers.) Y. Yamam.	M	Kihushi-susuhokori	
<i>Fusarium ciliatum</i> Link	D		forest soil
<i>Fusarium oxysporum</i> Schlecht.:Fr. f.sp. <i>cucumerinum</i> Owen	D		<i>Cucumis sativus</i> L.
<i>Fusarium oxysporum</i> Schltdl.	D		<i>Cucumis sativus</i> L.
<i>Fusarium pallidoroseum</i> (Cooke) Sacc.	D		<i>Cucumis sativus</i> L.
<i>Fusarium proliferatum</i> (Matsush.) Nirenberg ex Gerlach & Nirenberg	D		water (stream)
<i>Fusarium solani</i> (Martius) Appel & Wollenweber	D		<i>Passiflora edulis</i> Sims.; <i>Gossypium</i> sp.
<i>Fusarium</i> spp.	D		<i>Kalanchoe pinnata</i> ; <i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.; <i>Passiflora edulis</i> Sims.; <i>Hibiscus rosa-sinensis</i> L.; <i>Carica papaya</i> L.; <i>Paspalum conjugatum</i> Berg.; <i>Cucumis melo</i> L.; <i>Saccharum officinarum</i> L.; <i>Abelmoschus esculentus</i> (L.) Moench.
<i>Fusicoccum aesculi</i> Corda	D		<i>Cucumis sativus</i> L.
<i>Fusicoccum v agans</i> (Speg.) Tak. Kobayashi et T.	D		<i>Monstera deliciosa</i>
<i>Ganoderma applanatum</i> (Pers.) Pat.	B	Kofukitake; Kofuki-sarunokoshikake	tree trunks of <i>Celtis boninensis</i> ; decaying wood; <i>Schima wallichii</i> subsp. <i>noronhae</i>
<i>Ganoderma boninense</i> Pat.	B	Shima-mammentake	<i>Clinostigma savoryanum</i> ; <i>Livistonia chinensis</i> ; <i>Livistonia chinensis</i> var. <i>subglobosa</i> ; <i>Livistonia Boninensis</i> Nakai; around mountain top (rugged area with many large outcrops of andesite); trunks of <i>Livistonia chinensis</i>
<i>Ganoderma lipsiense</i> (Batsch) G.F. Atk.	B	Kohuki-sarunokoshikake	<i>Schima wallichii</i> (DC.) Korth.; <i>Acacia confusa</i> Merr.
<i>Ganoderma ludidus</i> (Leyss. ex Fr.) Karst.	B		
<i>Ganoderma tropicum</i> (Jungh.) Bres.	B		
<i>Geaster velutinum</i> Morgan	B	Birodo-tsuchigaki	
<i>Geastrum biplicatus</i> Berk. & M.A. Curtis	B		ground
<i>Geastrum fimbriatum</i> Fr.	B	Shiro-tuchiguri	fallen leaves
<i>Geastrum mirabile</i> f. <i>chichishimae</i> S. Ito & S. Imai	B	Chichishima-hina-gaki	fallen leaves of <i>Osteomeles boninensis</i>

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h		Yamamoto and Degawa, 2009
h	MAFF238164	Watanabe et al., 2001a
c	137-1-92	
c		Sato et al., 1991; Sato, 1987b
c	MAFF305597	Sato, 1987b
c	MAFF241889	
c; h	228-1-6; MAFF305992; MAFF306018	Sato et al., 1991; Sato, 1990
c; h	144-1-22	Sato et al., 1991; Sato, 1990
h		Kobayashi and Okamoto, 2003
h		Kobayashi and Okamoto, 2003
c; h; (b)	MAFF305600; MAFF430218; TNS-F-201129; TNS-F-201245; TNS-F-3552; TNS-F-4168; TNS-F-4178	Ito and Imai, 1940b
a; c; h; j; o; (b)	TFM F-001867; MAFF305601; TNS-F-174267; TNS-F-180104; TNS-F-200174; TNS-F-201132; TNS-F-201232; TNS-F-201591--201592; TNS- F-4186--4188; TNS-F-50932--50935	Neda and Hattori, 1991; Inoue, 1970; Ito and Imai, 1940b; Imazeki, 1939
c; h; o		Neda and Hattori, 1991
b		Inoue, 1970
c	TNS-F-4224	
b	TNS-F-205123	
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
c		Kobayasi, 1937a
c		Ito and Imai, 1937a

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Geastrum mirabile</i> Mont.	B	Hina-tsuchigaki	fallen leaves and twigs on the ground (woods); vegetable matter
<i>Geastrum papyraceus</i> Berk. & M.A. Curtis	B		
<i>Geastrum pectinatum</i> Pers.	B	Kohuki-kuro-tsuchiguri, Kikuza-tsuchiguri, Ogasawara-tsuchiguri	ground among fallen leaves
<i>Geastrum rufescens</i> Pers.	B		
<i>Geastrum triplex</i> Jungh.	B	Erimaki-tsuchiguri	fallen leaves; branches; humus; ground
<i>Gliocephalotrichum cylindrosporium</i> B.J. Wiley & E.G. Simmons	D		water (stream)
<i>Gliocephalotrichum simplex</i> (J.A. Mey.) B.J. Wiley & E.G. Simmons	D		water (stream)
<i>Gliocladium roseum</i> Bainier	D		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.; <i>Pinus luchuensis</i> Mayr; fallen leaves; goat dung
<i>Gliocladium</i> spp.	D		<i>Pandanus odoratissimus</i> ; <i>Pinus luchuensis</i> Mayr; fallen leaves; forest soil
<i>Gliocladium virens</i> J.H. Mill., Giddens & A.A. Foster	D		
<i>Gloeocercospora sorghi</i> D.C. Bain & Edgerton	D		<i>Vetiveria zizanioides</i> L.
<i>Gloeocystidium boninense</i> S. Ito & S. Imai	B	Ogasawara-nikawa-urokotake	decayed wood
<i>Gloeodontia discolor</i> (Berk. & M.A. Curtis) Boidin	B		decayed branch of <i>Terminalia catappa</i>
<i>Gloeoophyllum trabeum</i> (Pers.) Murrill	B		
<i>Gloeoporus dichrous</i> (Fr.) Bres.	B	Ebiuratake	<i>Distylium racemosum</i> Sieb. et Maxim.
<i>Gloeosporium mangiferae</i> Henn.	D		<i>Mangifera indica</i> L.
<i>Gloeosporium musarum</i> Cooke & Massee	D		<i>Musa sapientum</i> L.
<i>Glomerella cingulata</i> (Stonem.) Spauld. & Schrenk	A		<i>Abelmoschus esculentus</i> (L.) Moench.
<i>Glomerella cingulata</i> (Stoneman) Spauld. & H. Schrenk	A		<i>Lycopersicon esculentum</i> Mill.; <i>Abelmoschus esculentus</i> (L.) Moench.; <i>Pharaenopsis</i> sp.; <i>Carica papaya</i> L.; <i>Persea americana</i> Mill.; <i>Averrhoa carambola</i> L.; <i>Passiflora edulis</i> Sims.
<i>Glyphis cicatricosa</i> Ach.	A		



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h	TNS-F-227601; TNS-F-230374; TNS-F-24828--24829; TNS-F-24834; TNS-F-24836--24837	Ito and Imai, 1937a; Kobayasi, 1937a
b		Kobayasi, 1937d
c		Ito and Imai, 1937a; Kobayasi, 1937a
c	TNS-F-25291	
c; h	TNS-F-227493; TNS-F-227514; TNS-F-230371; TNS-F-24838; TNS-F-24840; TNS-F-24844; TNS-F-25303	Neda and Hattori, 1991; Ito and Imai, 1937a; Kobayasi, 1937a
c	MAFF241887	
c	MAFF241895	
a; c; h; k		Sato et al., 1991; Tokumasu, 1985
h; (b)	<b>MAFF238170*</b>	Watanabe et al., 2001a; Sato et al., 1991; Inoue, 1970
k		Tokumasu, 1985
c	MAFF306002; MAFF306097	Sato et al., 1991; Sato, 1990
c		Ito and Imai, 1940b
h		Maekawa, 1999
h	TNS-F-227401	
a; h		Neda and Hattori, 1991
c		Sato, 1987a,b
c		Sato, 1987a,b
h	MAFF306008	Sato, 1990, 1997; Horie et al., 1990; Moriwaki et al., 2002
c; h	228-1-4; 248-1-15; MAFF305592; MAFF305974; MAFF306007; MAFF306084	Moriwaki et al., 2002; Sato et al., 1991; Horie et al., 1990; Sato, 1990, 1987a,b
c		Kurokawa, 1969

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<i>Gongronella butleri</i> Thaxter	Z		
<i>Gonytrichum macrocladium</i> (Sacc.) Hughes	D		
<i>Grammothele fuligo</i> (Berk. & Broome) Ryvarden	B	Aianatake	<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.; <i>Pandanus odoratissimus</i>
<i>Graphiola phoenicis</i> (Moug.) Poiteau	B		<i>Phoenix canariensis</i> Chabaud; <i>Phoenix reclinat</i> Jacq.; <i>Phoenix roebelenii</i> ; <i>Phoenix</i> sp.; masses of basidiospores
<i>Graphium putredinis</i> (Corda) S. Hughes	D		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.; <i>Chrysalidocarpus lutescens</i> (Bory) Wendl.; <i>Elaeis guineensis</i> Jacq.; <i>Pandanus odoratissimus</i>
<i>Graphium</i> sp.	D		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.
<i>Guepinia spathularia</i> (Schwein.) Fr	B	Tsuno-matatake	decayed wood
<i>Gymnopilus aeruginosus</i> (Peck) Singer	B	Midori-sugitake	<i>Pinus luchuensis</i> s Mayr
<i>Gymnopilus noviholocirrhus</i> S. Ito & S. Imai	B	Ogasawara-tsumutake	dead trunks of <i>Celtis bininensis</i>
<i>Gymnopus dryophilus</i> (Bull.) Murrill	B	Morino-karebatake	
<i>Haematonectria haematococca</i> (Berk. & Broome) Samuels & Rossman	A		<i>Aloe vera</i> (L.) Burm.f.; <i>Pandanus boninensis</i>
<i>Hanseniaspora pseudoguilliermondii</i> Cadez, Raspor & M.T. Sm.	A		soil
<i>Hanseniaspora uvarum</i> (Niehaus) Shehata, Mrak & Phaff	A		soil
<i>Haplosporangium decipiens</i> Thaxt	Z		
<i>Harpographium</i> sp.	D		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.
<i>Harposporium anguillulae</i> Lohde	D		
<i>Harposporium helicoides</i> Drechsler	D		
<i>Harposporium</i> sp.	D		

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
b		Inoue, 1970
b		Inoue, 1970
a; c; h; o		Neda and Hattori, 1991
c	139-1-2--4; 140-1-1--5; 248-1-5; MAFF305711--305712; MAFF306095; IAM 12797=IAM 14396	Sato et al., 1991; Sato, 1990, 1987a,b
c; h	CBS 102083	Sato et al., 1991
c		Sato et al., 1991
c; h	TNS-F-196694	Neda and Hattori, 1991
c; h; o	MAFF430227--430228	Neda and Hattori, 1991
h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
b		Neda and Sato, 2008
c; h	MAFF240019; TNS-F-193469; TNS-F-193472; TNS-F-193474--193475; TNS-F-193477; TNS-F-193480; TNS-F-193597; TNS-F-193643; TNS-F-193651; TNS-F-227787; TNS-F-227802; TNS-F-227811; TNS-F-227820; TNS-F-227823; TNS-F-227841; TNS-F-227879; TNS-F-227905; TNS-F-227919; TNS-F-227927; TNS-F-227930; TNS-F-227932--227933	Hirooka et al., 2007; Hirooka et al., 2006
h	NBRC 102099	Cadez et al., 2006.
c	NBRC 100757	
b		Inoue, 1970
c; h		Sato et al., 1991
b		Inoue, 1970
b		Inoue, 1970
b		Inoue, 1970

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Heimiomyces neoveltipes</i>	B		<i>Heimiomyces neoveltipes</i>
<i>Helicoma</i> sp.	D		<i>Phoenix canariensis</i> Chabaud.; <i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Helicomycetes</i> sp.	D		<i>Phoenix canariensis</i> Chabaud.
<i>Helicostylum</i> sp.	Z		
<i>Hemitrichia clavata</i> var. <i>calyculata</i> (Speg.) Y.	M	Hosoeno-nukahokori	decayed wood
<i>Hemitrichia serpula</i> (Scop.) Rostaf.	M	Hebinuka-hokori	
<i>Hericium coralloides</i> (Scop.) Pers.	B	Sango-haritake	wood
<i>Heterobasidion insulare</i> (Murrill) Ryvarden	B	Rengatake	dead branches
<i>Heterochaete ogasawarasimensis</i> S. Ito & S. Imai	B	Nikawa-urokotake-modoki	branches; trunks of <i>Elaeagnus rotundata</i>
<i>Heterochaete tenuicula</i> (Lé v.) Pat.	B		
<i>Heteroconium chaetospira</i> (Grove) M.B. Ellis	D		soil
<i>Hexagona papyraceo-resupinata</i> S. Ito & S. Imai	B	Kinu-furui-take	fallen dead branches
<i>Hexagona tenuis</i> (Hook.) Fr.	B	Furuitake	dead wood
<i>Hexagonia bivalvis</i> (Pers.) Bres. [as <i>Hexagona bivalvis</i> (Pers.) Bres.]	B	Hurui-take	
<i>Hexagonia tenuis</i> (Hook.) Fr.	B	Furuitake	<i>Rhaphiolepis integerrima</i> Hook. & Arn.; <i>Planchonella obovata</i> ; <i>Machilus boninensis</i> ; <i>Ficus elastica</i> ; <i>Elaeocarpus sylvestris</i> var. <i>pachycarpus</i> ; <i>Machilus kobu</i> ; <i>Schima wallichii</i> subsp. <i>noronhae</i>
<i>Hexagonia thwaitesii</i> Berk.	B		dead wood
<i>Hiatula boninensis</i> Berk. & M.A. Curtis	B		side of logs
<i>Hiatula gracilis</i> Berk. & M.A. Curtis	B		decayed wood
<i>Hiatula luteola</i> Berk. & M.A. Curtis	B		
<i>Hiatula nivosa</i> Berk. & M.A. Curtis	B		saide of mountain
<i>Hirneola albida</i> Romell	B	Usugi-kikurage	trunks of <i>Hibiscus glaber</i>
<i>Hirneola polytricha</i> (Mont.) Fr.	B	Arage-kikurage	trunks; brandhes; stumps of trees
<i>Hirschioporus abietinus</i> (Pers.) Donk	B		
<i>Hohenbuehelia livudula</i> (Berk. & M.A. Curtis) Neda & Yoshim. Doi	B		<i>Hohenbuehelia livudula</i>

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h	MAFF435153	
c; h		Sato et al., 1991
c; (b)		Sato et al., 1991; Inoue, 1970
b		Inoue, 1970
c; h		Yamamoto and Degawa, 2009; Yamamoto and Nagao, 1998
c; h		Yamamoto and Degawa, 2009
c		Ito and Imai, 1940b
h		Neda and Hattori, 1991
c		Ito and Imai, 1940b
h	TNS-F-227438	
h	MAFF238957	
c		Ito and Imai, 1940b
c; h		Ito and Imai, 1940b
b		Kobayasi, 1937d; Yasuda, 1913b
a; c; h; o; (b)	TNS-F-18232; TNS-F-201006; TNS-F-201121-- 201125; TNS-F-201241; TNS-F-202260; TNS-F- 202263; TNS-F-26607	Neda and Hattori, 1991; Yasuda, 1922a
b		Kobayasi, 1937d; Berkeley and Curtis, Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Neda and Sato, 2008
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
h		Kobayasi, 1937a
c; h; n	TNS-F-6642	Ito and Imai, 1940b; Kobayasi, 1937a
c; h	TNS-F-26603; TNS-F-227374	
c	MAFF435160	

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<i>Hohenbuehelia reniformis</i> (G. Mey.) Singer	B	Hime-mukitake	broadleaf trees
<i>Hohenbuehelia squamula</i> (Sacc.) Neda	B	Tsubuge-hime-mukitake	
<i>Hydnochaete japonica</i> Lloyd	B	Samegaha-take	
<i>Hydnum stalagmodes</i> Berk. & M.A. Curtis	B		decayed wood
<i>Hygrocybe macrospora</i> (S. Ito & S. Imai) S. Ito	B	Oomino-aka-yamatake	
<i>Hygrocybe miniatostrata</i> (S. Ito & S. Imai) S. Ito	B	Munin-ki-yamatake	
<i>Hygrocybe parvicoccinea</i> (S. Ito & S. Imai) S. Ito	B	Munin-hime-beni-yamatake	ground
<i>Hygrocybe virginea</i> (Wulfen) P.D. Orton & S. Imai	B	Ko-otomenokasa	
<i>Hygrophorus bicolor</i> S. Ito & S. Imai	B	Futairo-kogasa	ground
<i>Hygrophorus hahashimensis</i> Hongo	B	Kurogeki-yamatake	ground (shaddy forest)
<i>Hygrophorus hypohaemactus</i> var.	B	Nettai-aka-numerigasa	soil; among dead leaves (shady forest)
<i>Hygrophorus macrosporus</i> S. Ito & S. Imai	B	Omi-no-akayamatake	ground
<i>Hygrophorus miniatostratus</i> S. Ito & S. Imai	B	Munin-kiyamatake	ground among fallen leaves
<i>Hygrophorus parvicoccineus</i> S. Ito & S. Imai	B	Munin-hime-beniyamatake	ground
<i>Hygrophorus subacutus</i> Hongo	B	Togari-daidaitake	ground under <i>Hibiscus glaber</i>
<i>Hymenochaete attenuata</i> (Lév.) Lév.	B	Hime-o-urokodake, Hime-urokotake	dead wood
<i>Hymenochaete boninensis</i> Yasuda	B		
<i>Hymenochaete cacao</i> (Berk.) Berk. & M.A. Curtis	B		
<i>Hymenochaete fomitoporioides</i> S. Ito & S. Imai	B	Tobi-iro-o-urokotake	bark of frondose wood
<i>Hymenochaete palmicola</i> S. Ito & S. Imai	B	Yoshi-no-o-urokotake	clay soil
<i>Hymenochaete pertenuis</i> S. Ito & S. Imai	B	Kami-o-urokotake	dead twigs
<i>Hymenochaete rubiginosa</i> (Dicks.) Lév.	B	Yobi-o-urokodake	dead logs; stumps
<i>Hymenochaete villosa</i> (Lév.) Bres.	B		
<i>Hymenogaster pacificus</i> Kobayasi	B		ground
<i>Hyphodontia gossypina</i> (Parmasto) Hjortstam	B		decaying branch; wood of a broad-leaved tree

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h		Neda and Hattori, 1991
b		Neda and Sato, 2008
b		Kobayasi, 1937d; Yasuda, 1916b
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Neda and Sato, 2008
b		Neda and Sato, 2008
c; (b)		Neda and Sato, 2008
b		Neda and Sato, 2008
c; h		Ito and Imai, 1939
h; (b)	<b>TNS-F-237326*</b>	Neda and Sato, 2008; Hongo, 1978
h; (b)	<b>TNS-F-237327*</b>	Neda and Sato, 2008; Hongo, 1980
c		Ito and Imai, 1939
c		Ito and Imai, 1939
c		Ito and Imai, 1939
c; h; (b)	<b>TNS-F-174748*</b>	Neda and Sato, 2008; Hongo, 1978
c		Ito and Imai, 1940b
b	<b>TNS-F-202805*</b>	
h	TNS-F-211962	
c		Ito and Imai, 1940b
c		Ito and Imai, 1940b
c		Ito and Imai, 1940b
c; h		Ito and Imai, 1940b
h	TNS-F-227465; TNS-F-227511; TNS-F-227523; TNS-F-26656--26657	
c		Kobayasi, 1937c
h		Maekawa, 1999

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Hyphodontia niemelaei</i> Sheng H. Wu	B		decaying branch; bark of a broad-leaved tree; <i>Elaeocarpus photiniaefolius</i>
<i>Hyphodontia nudiseta</i> Warcup & P.H.B. Talbot	B		decaying and decorticated branch of a broad-leaved tree
<i>Hypholoma boninense</i> S. Ito & S. Imai	B	Ogasawara-itachitake	ground
<i>Hypholoma fasciculare</i> (Huds.) P. Kumm	B	Niga-kuritake	dead wood
<i>Hypholoma hydrophilum</i> (Bull.) Quél.	B	Musasabitake	dead wood
<i>Hypholoma stellatofurfuraceum</i> S. Ito & S. Imai	B	Kirara-itachitake	dead wood
<i>Hypholoma stipatum</i> (Pers.) S. Imai	B	Itachitake	ground or decayed wood
<i>Hypocrea armeniacea</i> Berk. & M.A. Curtis	A		living leaves of Apocynaceae
<i>Hypocrea lixii</i> Pat.	A		water (stream)
<i>Hypocrea pezizaeformis</i>	A		
<i>Hypomyces hyalinus</i> (Schwein.) Tul. & C. Tul.	A		
<i>Hypoxyton archeri</i> Berk.	A		
<i>Hypoxyton atromaculosum</i> S. Ito & S. Imai	A	Kuro-kobuazatake	bark
<i>Hypoxyton atropurpureum</i> (Fr.) Fr.	A	Shikon-kobuazatake	bark
<i>Hypoxyton deustum</i> (Hoffm.) Grev.	A	Ohmi-kobutake	bark
<i>Hypoxyton effusum</i> Nitschke	A	Ita-kobutake	bark
<i>Hypoxyton fusconigrum</i> S. Ito & S. Imai	A	Cha-kobuazatake	bark
<i>Hypoxyton hypomiltum</i> Mont.	A		
<i>Hypoxyton investiens</i> (Schwein.) M.A. Curtis	A		
<i>Hypoxyton jecorinum</i> Berk. & Ravenel	A		
<i>Hypoxyton macroannulatum</i> S. Ito & S. Imai	A	O-kuro-kobuazatake	bark
<i>Hypoxyton rubiginosum</i> (Pers.) Fr.	A		
<i>Hypoxyton rubiginosum</i> (Pers.) Fr. var. <i>tropica</i> Miller	A		



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h		Maekawa, 1999
h		Maekawa, 2000
h		Ito and Imai, 1940a
c; h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
h		Ito and Imai, 1940a
c		Ito and Imai, 1940a
c		Ito and Imai, 1940a
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
c	MAFF241888	
c	TNS-F-227946	
c	TNS-F-227960	
c; h; (b)	TNS-F-227794; TNS-F-227868; TNS-F-227873; TNS-F-227894; TNS-F-227898; TNS-F-227950; TNS-F-231412--231413; TNS-F-231508; TNS-F-231542; TNS-F-231544--231545; TNS-F-231547--231548; TNS-F-231612	
c		Ito and Imai, 1940b
c		Ito and Imai, 1940b
h		Ito and Imai, 1940b
c		Ito and Imai, 1940b
c		Ito and Imai, 1940b
c; h	TNS-F-227822; TNS-F-231421; TNS-F-231526; TNS-F-231531; TNS-F-231535	
h	TNS-F-231409	
c; h	TNS-F-227771; TNS-F-227813; TNS-F-227902; TNS-F-231401	
c		Ito and Imai, 1940b
c; h; (b)	TNS-F-18226; TNS-F-227846; TNS-F-227939; TNS-F-231521; TNS-F-231534; TNS-F-231539	Ito and Imai, 1940b
h	TNS-F-231420	

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Hypoxylon</i> sp.	A		decayed wood
<i>Hypoxylon stygium</i> (Lév.) Sacc.	A		
<i>Hypoxylon subannulatum</i> Henn. & E. Nyman	A		
<i>Hypoxylon truncatum</i> (Schwein.) J.H. Mill.	A		
<i>Hypoxylon vogesiacum</i> (Pers.) Sacc.	A		
<i>Hysterangium hahashimense</i> S. Ito & S. Imai	B	Hahashima-akoh-shohro	woods
<i>Inocybe trechispora</i> (Berk.) P. Karst.	B		
<i>Inonotus boninensis</i> T. Hatt. & Ryvarde	B		<i>Machilus kobu</i> Maxim.
<i>Inonotus</i> sp.	B		dead branches
<i>Isthmospora trichophila</i> (G.F. Atk.) Damon	D		<i>Rubus nakaii</i>
<i>Jansia boninensis</i> Lloyd	B	Shima-inuno-efude	ground
<i>Karlingiomyces dubius</i> (Karling) Sparrow	C		
<i>Kockovaella machilophila</i> Cañ.-Gib., M. Takash., Sugita & Nakase	D		
<i>Kockovaella phaffii</i> Cañ.- Gib., M. Takash., Sugita & <i>Kockovaella schimae</i> Cañ.- Gib., M. Takash., Sugita & Nakase	D		
<i>Kodonospora</i> <i>tetracolumnaris</i> K. Ando	D		leaves of <i>Pandanus boninensis</i>
<i>Lachnocladium fumale</i> (Lév.) Sacc.	B	Birohdo-hahakitake	
<i>Lachnocladium warburgii</i> Henn.	B		
<i>Lachnum abnorme</i> (Mont.) J.H. Haines & Dumont	A		decayed wood
<i>Lachnum brasiliense</i> (Mont.) J.H. Haines & Dumont	A		decayed wood
<i>Lachnum lanariceps</i> (Cooke & W. Phillips) Spooner	A		
<i>Lachnum pritzelianum</i> (Henn.) Spooner	A	Biroba-hinano-chawantake	<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Lachnum sclerotii</i> (A.L. Sm.) J.H. Haines & Dumont	A		<i>Cyathea mertensiana</i> (Kunze) Copel.
<i>Lachnum</i> sp.	A		<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c		Sato et al., 1991
c; h	TNS-F-227766; TNS-F-227855; TNS-F-231525; TNS-F-231532; TNS-F-231541; TNS-F-231543	
h	TNS-F-227840; TNS-F-231415; TNS-F-231527	
c; h	TNS-F-231400; TNS-F-231406; TNS-F-231408; TNS-F-231524; TNS-F-231528--231530	
c; h	TNS-F-227782; TNS-F-227795	
h		Imai, 1957; Ito and Imai, 1937a
b		Neda and Sato, 2008
c	MAFF420304	Hattori and Ryvarden, 1993
a		Neda and Hattori, 1991
c		Katamoto and Harada, 1979
c		Kobayasi, 1937c; Lloyd, 1909
b		Inoue, 1970
a		Takahashi et al. 1998
a		Takahashi et al. 1998
c		Takahashi et al. 1998
k		Ando, 1993
b		Kobayasi, 1937d; Yasuda, 1916e
b		Kobayasi, 1937d
a; c	TNS-F-180386	Sato et al., 1991
h		Sato et al., 1991
c	TNS-F-232715--232717	
a; h	TNS-F-180389; TNS-F-227373	
h	TNS-F-232723	
a; c		Sato et al., 1991

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Lactarius akahatsu</i> Nobuj. Tanaka	B	Akahatsu	under <i>Pinus luchuensis</i> ; ground (forests of <i>Pinus luchuensis</i> )
<i>Lactarius hatsudake</i> Nobuj. Tanaka	B	Hatsutake	under <i>Pinus luchuensis</i> ; ground (forests of <i>Pinus luchuensis</i> )
<i>Lactarius lividatus</i> Berk. & M.A. Curtis	B	Hatsutake	
<i>Lactarius ogasawarashimensis</i> S. Ito & S. Imai	B	Ogasawara-hatsutake	ground
<i>Lactarius sanguifluus</i> (Paulet) Fr.	B	Hatsutake	ground
<i>Lactocollybia cycadicola</i> (Joss.) Singer	B	Usuki-kareedatake	<i>Lactocollybia cycadicola</i> ; decayed wood of broad-leaved tree; petiol of <i>Akophila</i> ; trunk of <i>Cyathea mertensiana</i> (Kunze) Copel.
<i>Laetiporus sulphureus</i> (Bull.) Murrill	B	Masutake	<i>Elaeocarpus photiniaefolius</i> Hook. et Arn.
<i>Lamproderma arcyrionema</i> Rostaf.	M	Tsuyaerihokori	
<i>Lamproderma scintillans</i> (Berk. & Broome) Morgan	M	Kinrurihokori	decayed wood
<i>Lanatonectria flavolanata</i> (Berk. & Broome) Samuels & Rossman	A		
<i>Lanzia</i> sp.	A		<i>Ficus retusa</i> L.
<i>Laschia peziziformis</i> Berk. & M.A. Curtis	B	Enashi-rassi-take	dead petioles; rachis of <i>Livistona boninensis</i> ; dead Palm leaves
<i>Lasiodiplodia pseudotheobromae</i> A.J.L. Phillips, A. Alves & Crous	D		water (stream)
<i>Lasiodiplodia theobromae</i> (Pat.) Griffon & Maubl.	D		<i>Ficus elastica</i> Roxb.; <i>Musa sapientum</i> L.; <i>Annona muricata</i> L.; <i>Citrus</i> sp.; <i>Averrhoa carambola</i> L.; <i>Theobroma cacao</i> L.; <i>Carica papaya</i> ; <i>Passiflora edulis</i> Sims; <i>Theobroma cacao</i> L.; <i>Pandanus boninensis</i>
<i>Lentinellus ursinus</i> (Fr.) Kühner	B	Itachi-namihatake	fallen trunks of broad-leaved trees
<i>Lentinus subnudus</i> Berk.	B		
<i>Lentinus ursinus</i> (Fr.) Fr.	B	Itachi-namihatake	dead wood
<i>Lenzites sepiaria</i> (Wulfen)	B	Ki-kaigaratake	wood of <i>Pinus luchuensis</i>
<i>Leptiota boninensis</i> S. Ito & S. Imai	B	Munin-hime-karakasatake	
<i>Leptiota clypeolaria</i> (Bull.) P. Kumm.	B	Wata-karakasatake	

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h	MAFF430241; MAFF435161; TNS-F-182289; TNS-F-182294; TNS-F-228453--228454; TNS-F-234029--234030	Neda and Hattori, 1991; Hongo, 1977
c; h	TNS-F-174730; TNS-F-174735; TNS-F-182280; TNS-F-182283; TNS-F-234032--234033	Neda and Hattori, 1991; Hongo, 1980
b		Neda and Sato, 2008
c; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
c		Ito and Imai, 1940a
c; h; (b)	MAFF435156; TNS-F-174731; TNS-F-174742; TNS-F-237342	Neda and Sato, 2008; Hongo, 1980
h; (b)	MAFF430245; TNS-F-227640	Neda and Hattori, 1991
c; h		Yamamoto and Degawa, 2009
c		Yamamoto and Nagao, 1998
c	TNS-F-193484	
h		Sato et al., 1991
c; h		Ito and Imai, 1940b; Kobayasi, 1937d; Berkeley and Curtis, 1860
c	MAFF241892--241893	
c; h	144-1-15--17; 228-1-1; 228-1-5; 247-1-1--6; MAFF240388; MAFF306000; MAFF306014; AFF306025--306028; MAFF306158; NBRC 30028	Fukuda et al., 2008; Fukuda et al., 2007; Hirooka et al., 2006; Ono and Nakashima, 2005; Sato et al., 1991; Sato, 1990, 1987b; Yokoyama, 1975
c; (b)	TNS-F-174729; TNS-F-174734	Neda and Sato, 2008; Hongo, 1980
b	TNS-F-234369	
c; h		Ito and Imai, 1939
c		Ito and Imai, 1940b
b		Neda and Sato, 2008
b		Neda and Sato, 2008

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Lepiota cristata</i> (Bolton) P. Kumm.	B	Kitsuneno-karakasa	
<i>Lepiota depravata</i> Berk. & M.A. Curtis	B		
<i>Lepiota hemisoides</i> Berk. & M.A. Curtis	B		
<i>Lepiota inconspicua</i> S. Ito & S. Imai	B	Meguronokasa	
<i>Lepiota lutea</i> (Bolt.) Godfrin	B	Hachimaki-inushimeji	ground
<i>Lepiota subtropica</i> Hongo	B	Munin-hinakitsunegasa	ground (bamboo forests; broad-leaved forests); clay soil; along road-cuts; among fallen leaves (shady forest); dead wood (forest); red clay along road-cuts
<i>Leptogium moluccanum</i> (Pers.) Vain.	A		
<i>Leptogium pichneum</i> (Ach.) Nyl.	A		
<i>Leptonia brunneola</i> S. Ito & S. Imai	B	Munin-chamomiuratake	ground
<i>Leptonia lampropus</i> (Fr.) Quél.	B	Aoeno-momiuratake	ground
<i>Leptonia virescens</i> (Berk. & M.A. Curtis) Sacc.	B		
<i>Leptoxyphium</i> sp.	D		<i>Caryota urens</i> ; broadleaf trees; fruit; <i>Pandanus boninensis</i>
<i>Leucocoprinus birnbaumii</i> (Corda) Singer	B	Kogane-kinukarakasatake	humus
<i>Leucocoprinus cretaceus</i> (Bull.) Locq.	B		
<i>Limacella olivaceobrunnea</i> Hongo	B	Munin-numerikarakasatake	ground (shady forest)
<i>Lindbladia tubulina</i> Fr.	M	Hunhokori	
<i>Linderia bicolumnata</i> (Kusano) G. Cunn.	B	Kanino-tsume	(shady forest)
<i>Linderia columnata</i> (Bosc) G. Cunn.	B	Yotsudetake	fallen leaves; branches; humus; ground (pine forest)
<i>Lloydella japonica</i> (Yasuda) S. Ito & S. Imai	B	Yamato-urokotake	dead twigs
<i>Lloydella okabei</i> S. Ito & S. Imai	B	Okabe-ke-urokotake	wood of <i>Ochrosia nakaiana</i>
<i>Lobaria denata</i> Hue	A		
<i>Lopadium hirosii</i> Kurok.	A		bark of <i>Leucaena glauca</i>
<i>Lophodermium</i> sp.	A		<i>Pinus luchuensis</i> Mayr
<i>Loweporus</i> sp. ? =	B	Kuro-budoutake	<i>Ardisia sieboldii</i> Miq.
<i>Fomitopsis caliginosa</i> (Mont.) Ryvarden	B		
<i>Lunulospora curvula</i> Ingold	D		
<i>Lycogala conicum</i> Pers.	M	Ikubi-mamehokori	

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
b		Neda and Sato, 2008
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Kobayasi, 1937d
b		Neda and Sato, 2008
h		Ito and Imai, 1939
h	TNS-F-182269--182270; TNS-F-228437; <b>TNS-F-228439*</b> ; TNS-F-228443	Hongo, 1977
c		Kurokawa, 1969
c		Kurokawa, 1969
c		Ito and Imai, 1940a
c		Ito and Imai, 1940a
b		Kobayasi, 1937d
h		Sato et al., 1991
c; h		Neda and Hattori, 1991
b		Neda and Sato, 2008
h; (b)	<b>TNS-F-237378*</b>	Neda and Sato, 2008; Hongo, 1978
c		Yamamoto and Degawa, 2009
c; h	TNS-F-182274; TNS-F-25032; TNS-F-25036	Hongo, 1978
c	TNS-F-172530	Neda and Hattori, 1991; Hongo, 1978
		Ito and Imai, 1940b
c		Ito and Imai, 1940b
c		Kurokawa, 1969
c		Kurokawa, 1969
a; c; h		Sato et al., 1991
h		Neda and Hattori, 1991
h	TNS-F-227431	
b		Inoue, 1970
c		Yamamoto and Degawa, 2009

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<i>Lycogala epidendrum</i> (J.C. Buxb. ex L.) Fr.	M	Mamehokori	decayed wood
<i>Lycogala exiguum</i> Morgan	M	Ko-mamehokori	
<i>Lycogala flavofuscum</i> (Ehrenb.) Rostaf.	M	Chichi-mamehokori	
<i>Lycoperdon henningsii</i> Sacc. & P. Syd.	B	Kometsubu-hokoritake	bark of <i>Eurya boninensis</i> ; <i>Schima wallichii</i> subsp. <i>noronhae</i>
<i>Lycoperdon perlatum</i> Pers.	B	Kitsuneno-chabukuro	ground
<i>Lycoperdon polymorphum</i> Vittad.	B	Tamanegi-chabukuro	ground
<i>Lycoperdon purpurascens</i> (Berk. & M.A. Curtis) Sacc.	B	Kuroge-chabukura	decayed wood
<i>Lycoperdon subincarnatum</i> Peck	B	Abata-chabukuro	dead trunks; stumps or logs
<i>Lysurus mokusin</i> f. <i>sinensis</i> (Lloyd) Kobavasi	B	Tsuno-tsumamitake	ground (shady forest; bamboo forest)
<i>Macrocybe gigantea</i> (Masse) Pegler & Lodge	B	Niou-shimeji	
<i>Marasmiellus leiophyllus</i> (Berk. & M.A. Curtis) Neda	B	Munin-shiro-houraitake	
<i>Marasmius acicularis</i> Berk. & M.A. Curtis	B		decayed wood
<i>Marasmius alopecurus</i> (Berk. & M.A. Curtis) Neda	B	Munin-hime-hiratake	dead wood
<i>Marasmius alphetodes</i> Berk. & M.A. Curtis	B		dead leaves of some Gingerwort
<i>Marasmius dichrous</i> Berk. & M.A. Curtis	B		dead striks
<i>Marasmius excentripes</i> S. Ito & S. Imai	B	Munin-houraitake	fallen branches
<i>Marasmius exustus</i> Berk. & M.A. Curtis	B		dead leaves
<i>Marasmius glabrescens</i> Berk. & M.A. Curtis	B		shaded ravines
<i>Marasmius lateritiosulcatus</i> S. Ito & S. Imai	B	Karakasa-houraitake	decayed wood
<i>Marasmius luteofuscus</i> Berk. & M.A. Curtis	B		mountains
<i>Marasmius luteolus</i> Berk. & M.A. Curtis	B		dead Palm-leaves
<i>Marasmius petalinus</i> Berk. & M.A. Curtis	B		dead twigs; bark
<i>Marasmius sordescens</i> Berk. & M.A. Curtis	B		dead twigs; leaves
<i>Marasmius tener</i> Berk. & M.A. Curtis	B		dead twigs
<i>Marasmius tropicaerotula</i> S. Ito & S. Imai	B	Nettai-shiro-hime-houraitake	fallen dead leaves (woods)
<i>Marasmius umbonifer</i> Berk. & M.A. Curtis	B	Shima-hime-houraitake	fallen dead leaves of ever-green trees; shady ravines



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c		Yamamoto and Nagao, 1998
h		Yamamoto and Degawa, 2009
h		Yamamoto and Degawa, 2009
c	TNS-F-24845	Kobayasi, 1937a
c	TNS-F-24842	Kobayasi, 1937a
h		Ito and Imai, 1937a
h		Ito and Imai, 1937a; Kobayashi, 1937d; Berkeley and Curtis, 1860
h		Ito and Imai, 1937a
h	TNS-F-174745; TNS-F-182273	Hongo, 1978
b		Neda and Sato, 2008
b		Neda and Sato, 2008
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
h; (b)		Neda and Sato, 2008
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
c; (b)		Neda and Sato, 2008
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Neda and Sato, 2008; Kobayasi, 1937d
c; (b)		Neda and Sato, 2008; Ito and Imai, 1939
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Neda and Sato, 2008; Kobayasi, 1937d; Berkeley and Curtis, 1860
h; (b)		Neda and Sato, 2008; Ito and Imai, 1939
c; (b)		Neda and Sato, 2008; Ito and Imai, 1939; Kobayasi, 1937d; Berkeley and Curtis,

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<i>Mariannaea elegans</i> var. <i>elegans</i> (Corda) Samson	D		
<i>Massarina oplismeni</i> Katum. & Y. Harada	A		<i>Oplismenus compositus</i> (L.) Beauv.
<i>Megalospora marginiflexa</i> (Hook. f. & Taylor) Zahlbr.	A		
<i>Melanotus flavolivens</i> (Berk.) & M.A. Curtis Singer	B		
<i>Meliola fatsiae</i> Katum. & Y. Harada	A		<i>Fatsia oligocarpella</i> (Nakai) Koidz.
<i>Meliola formosensis</i> W. Yamam.	A		Rubus nakaii
<i>Meliola livistonae</i> var. <i>boninensis</i> Katum. & Y. Harada	A		<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Meristacrum asterospermum</i> Drechsler	Z		
<i>Metatrichia vesparium</i> (Batsch) Nann.-Bremek. ex G.W. Martin & Alexop.	M	Hachinosukehokori	
<i>Microporus flabelliformis</i> (Klotz.: Fr.) Kuntze	B	Uchiwatake	<i>Elaeocarpus photiniaefolius</i> Hook. et Arn.; <i>Ardisia sieboldii</i> Miq.
<i>Microporus luteus</i> (Nees) <i>Microporus vernicipes</i> (Berk.) Kuntze	B B		
<i>Microsphaeropsis boninensis</i> Tak. Kobayashi et T.	D		<i>Dracaena draco</i> L.
<i>Milesina exigua</i> Faull	B		<i>Microlepidia strigosa</i> (Thunb.) Presl
<i>Mirandina</i> spp.	D		decayed wood
<i>Mollisia</i> spp.	A		decayed wood
<i>Monacrosporium</i> sp.	D		fallen leaves
<i>Monocillium</i> sp.	D		<i>Cocos nucifera</i> L.
<i>Monodictys</i> sp.	D		<i>Arundo donax</i> L.
<i>Monosporidium machili</i> (Henn.) T. Sato	B	Ogasawara- yabunikkei-; Teriha- kobugash-; Munin- inugusu-; Kobugashi- sabikin	<i>Cinnamomum pseudopedunculatum</i> Hayata.; <i>Machilus boninensis</i> Koidzumi; <i>Machilus koku</i> Maxim.
<i>Mortierella boninense</i> Ts. Watanabe	Z		soil
<i>Mortierella epicladia</i> W. Gams et Emden var. <i>chlamydospora</i> T. Watanabe	Z		forest soil
<i>Mortierella gemmifera</i> M. <i>Mortierella ramanniana</i> (Mö ller) Linnem	Z Z		soil
<i>Mortierella</i> spp.	Z		<i>Pinus luchuensis</i> Mayr; <i>Casuarina</i> <i>stricta</i> ; <i>Schima wallichii</i> (DC.) Korth.

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
k		Tokumasu, 1985
h		Katamoto and Harada, 1979
c		Kurokawa, 1969
b		Neda and Sato, 2008
h		Katamoto and Harada, 1979
c		Katamoto and Harada, 1979
c; h		Sato et al., 1991; Katamoto and Harada, 1979
b		Inoue, 1970
h		Yamamoto and Degawa, 2009
h	TNS-F-51268; TNS-F-51280	Neda and Hattori, 1991
h	TNS-F-51240; TNS-F-51274	
b	TNS-F-201755	
h		Kobayashi and Okamoto, 2003
c; h	TNS-F-30651; TNS-F-30667; TNS-F-30757; TNS-F-30794--30811	Sato et al., 1991
h; k		Tokumasu, 1985; Sato et al., 1991
c		Sato et al., 1991
h		Sato et al., 1991
c		Sato et al., 1991
c		Sato et al., 1991
c; h; m	TNS-F-30614; TNS-F-30636; TNS-F-30749-- 30750; TNS-F-31023--31028; TNS-F-31084-- 31104	Sato et al., 1991
h	<b>MAFF238290*</b> ; MAFF238291	Watanabe, 2002
h	<b>MAFF238166*</b>	Watanabe et al., 2001a
h	MAFF238292	Watanabe, 2002
k		Tokumasu, 1985
a; h; b		Sato et al., 1991; Inoue, 1970

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Mortierella uniramosa</i> T. Watanabe	Z		forest soil
<i>Mucor</i> spp.	Z		<i>Passiflora edulis</i> Sims.
<i>Mucor tuberculisporus</i> Schipper	Z		
<i>Mucronella pacifica</i>	B	Hanabi-take	dead wood
<i>Mutinus bambusinus</i> (Zoll.) E. Fisch.	B	Kitsuneno-efude	burnt bamboo forest
<i>Mutinus boninensis</i> Lloyd	B	Munin-kitsune-no-efude	ground (woods)
<i>Mycena acicula</i> (Schaeff.) P. Kumm.	B	Beni-kanoasitake	
<i>Mycena alphitophora</i> (Berk.) Sacc.	B		
<i>Mycena boninensis</i> (Berk. & M.A. Curtis) Singer	B		
<i>Mycena capillaris</i> (Schumach.) P. Kumm.	B		
<i>Mycena chlorophos</i> (Berk. & M.A. Curtis) Sacc.	B	Tomoshihi-take, Yakoutake	decaying wood; broadleaf trees; fallen branches; trunks; etc; ground at the root of <i>Miscanthus sinensis</i>
<i>Mycena cyanophos</i> Berk. & M.A. Curtis	B	Yakoh-take	Phoenix trunk or other dead logs
<i>Mycena dicranophylla</i> Berk. & M.A. Curtis	B		
<i>Mycena galericulata</i> (Scop.) Gray	B	Kunugitake	
<i>Mycena haematopus</i> (Pers.) P. Kumm.	B	Chishiotake	rotting wood
<i>Mycena hemileuca</i> Berk. & M.A. Curtis	B		
<i>Mycena leucoconis</i> Berk. & M.A. Curtis	B		
<i>Mycena pityrodes</i> Berk. & M.A. Curtis	B		
<i>Mycena pura</i> (Pers.) P. Kumm.	B	Sakuratake	
<i>Mycena quisquiliaris</i> (Berk.) Sacc.	B		
<i>Mycena rhodoconis</i> Berk. & M.A. Curtis	B		
<i>Mycena sanguinolenta</i> (Alb. & Schwein.) P. Kumm.	B	Hime-chishiotake	broadleaf trees; dead wood or logs; or on Phoenix trunk
<i>Mycena viscalba</i> S. Ito & S. Imai	B	Munin-shiro-nameashitake	dead wood

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h	MAFF238167*	Watanabe et al., 2001a
c; k; (b)		Sato et al., 1991; Sato, 1990; Tokumasu, 1985; Inoue, 1970
b	NBRC 100663	
h	TNS-F-16924	Ito and Imai, 1940b; Kobayasi, 1939
c	TNS-F-24972; TNS-F-172529	Hongo, 1978
h; (b)		Inoue, 1970; Ito and Imai, 1937a; Kobayasi, 1937d; Lloyd, 1908
b		Neda and Sato, 2008
b		Kobayasi, 1937d
b		Neda and Sato, 2008
b		Neda and Sato, 2008
a; c; h	MAFF305759--305760; MAFF306098; MAFF435155; TNS-F-174741; TNS-F-182278; TNS-F-182290; TNS-F-227497; TNS-F-228445; TNS-F-228449; TNS-F-234089--234092	Neda and Hattori, 1991; Sato, 1990; Hongo, 1977; Ito, 1959; Ito and Imai, 1939; Kobayasi, 1937b,d; Saccardo, 1887
c; (b)		Inoue, 1970; Kobayasi, 1937b,d; Saccardo, 1887
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008
h; (b)		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008
b		Neda and Sato, 2008
b		Neda and Sato, 2008; Kobayasi, 1937d
c		Neda and Hattori, 1991
c; (b)		Neda and Sato, 2008; Ito and Imai, 1939

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Mycena wrightii</i> S. Ito & S. Imai	B	Shima-shiro-himetake	dead leaves of <i>Scirpus chinensis</i>
<i>Mycosphaerella cucumis</i> (Fautrey & Roum.) W.F. Chiu & J.C. Walker	A		<i>Cucumis melo</i> L.; <i>Cucumis sativus</i> L.
<i>Mycosphaerella musicola</i> R. Leach ex J.L. Mulder	A		<i>Musa sapientum</i> L.
<i>Mycosphaerella tarennicola</i> Tak. Kobayashi & T. Okamoto	A		<i>Paederia scandens</i> (Lour.) Merr.
<i>Myrothecium dimorphum</i> Ts. Watan.	D		sand
<i>Myrothecium</i> sp.	D		<i>Miscanthus boninensis</i> Nakai ex Honda
<i>Myrothecium verrucaria</i> (Alb. & Schwein.) Ditmar	D		<i>Angiopteris lygodiiifolia</i> Ros.
<i>Naematoloma fasciculare</i> (Huds.) P. Karst.	B	Nigakuritake	
<i>Nectria azureo-ostiolata</i> Yoshim. Doi	A		bark of dead broad-leaved tree
<i>Nectria bactridioides</i> Berk. & Broome	A		
<i>Nectria episphaeria</i> (Tode) Fr.	A		
<i>Nectria flavolanata</i> Berk. & Broome	A		
<i>Nectria gracilipes</i> (Tul. & C. Tul.) Wollenw.	A		<i>Cocos nucifera</i> L.; decayed wood
<i>Nectria hypoxantha</i> Penz. & Sacc.	A		
<i>Nectria jungneri</i> Henn.	A		bark; dead tree
<i>Nectria leucotricha</i> Penz. & Sacc.	A		
<i>Nectria mariannaeae</i> Samuels & Seifert	A		twig
<i>Nectria pezizoides</i> Kirschst.	A		
<i>Nectria pseudotrichia</i> (Schwein.) Berk. & M.A. Curtis	A		twig; bark; dead tree
<i>Nectria</i> spp.	A		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.; bark; dead tree
<i>Nectriopsis infusaria</i> (Cooke & Harkn.) Yoshim. Doi	A		hyperparasitic on <i>Nectria</i> spp. (on <i>Nectria albicans</i> ; etc.)

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; (b)		Neda and Sato, 2008; Ito and Imai, 1939
c; h		Sato et al., 1991; Sato, 1987a,b
h		Kobayashi and Okamoto, 2003
h		Kobayashi and Okamoto, 2003
c	<b>MAFF238296*</b>	Watanabe et al., 2003
h	MAFF239408	
c	MAFF239404	
c	TNS-F-234124; TNS-F-234130	
h		Doi, 1977
c	TNS-F-230198	
h	TNS-F-193483; TNS-F-227837	
c; h	TNS-F-193335; TNS-F-193347; TNS-F-193462; TNS-F-193471; TNS-F-193473; TNS-F-193487; TNS-F-193495; TNS-F-193524; TNS-F-193646; TNS-F-193652; TNS-F-193692; TNS-F-227722	Doi, 1977
c; h		Sato et al., 1991
c	TNS-F-193326	
c; h	MAFF241566	Hirooka and Kobayashi, 2007
h	TNS-F-227701	
c	MAFF241565	
c; h	TNS-F-227785; TNS-F-227816; TNS-F-227862; TNS-F-227870; TNS-F-227937	
c; h	MAFF241441--241443; MAFF241450--241455; TNS-F-17204; TNS-F-193499; TNS-F-193520; TNS-F-193653; TNS-F-227706; TNS-F-227729; TNS-F-227801; TNS-F-227812; TNS-F-227832; TNS-F-227843; TNS-F-227856; TNS-F-227901; TNS-F-227909; TNS-F-227964	
c; h; (b)	MAFF241456	Sato et al., 1991; Inoue, 1970
c; h		Doi, 1978

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<i>Neonectria jungneri</i> (Henn.) Samuels & Brayford	A		woody plant
<i>Neonectria discophora</i> (Mont.) Mantiri & Samuels	A		woody plant; bark; dead tree
<i>Neonectria rugulosa</i> (Pat. & Gaillard) Mantiri & Samuels	A		bark; dead tree
<i>Neonectria veuillotiana</i> (Sacc. & Roum.) Mantiri &	A		
<i>Niesslia</i> sp.	A		<i>Cocos nucifera</i> L.
<i>Nigroporus vinosus</i> (Berk.) Murrill	B	Bdoutake	<i>Pinus luchuensis</i> Mayr
<i>Nigrospora oryzae</i> (Berk. & Broome) Petch	D		<i>Cucumis melo</i> L.; <i>Musa sapientum</i> L.; <i>Abelmoschus esculentus</i> (L.) Moench.; <i>Coffea arabica</i> L.; <i>Saccharum officinarum</i> L.
<i>Nigrospora sphaerica</i> (Sacc.) E.W. Mason	D		<i>Abelmoschus esculentus</i> (L.) Moench.; <i>Cucumis melo</i> L.; <i>Musa</i> <i>sapientum</i> L.
<i>Nodulisporium gregarium</i> (Berk. & M.A. Curtis) J.A. Mey.	D		decayed wood; dead tree
<i>Nodulisporium</i> sp.	D		decayed wood
<i>Nowakowskiella elegans</i> (Nowak.) J. Schröt.	C		soil; peat soil
<i>Nowakowskiella elongata</i> Karling	C		
<i>Nowakowskiella</i> <i>hemisphaerospora</i> Shanor	C		
<i>Nowakowskiella profusa</i> Karling	C		
<i>Oidium caricae</i> F. Noack	D		<i>Carica papaya</i> L.
<i>Omphalia amabilis</i> (Berk.) Sacc.	B		
<i>Omphalia ephippium</i> Berk. & M.A. Curtis	B		
<i>Omphalia plumbaria</i> Berk. & M.A. Curtis	B		
<i>Omphalia porphyromyces</i> Berk.	B		
<i>Omphalia ruficeps</i> Berk. & M.A. Curtis	B		
<i>Omphalia usta</i> Berk. & M.A. Curtis	B		
<i>Onnia</i> sp.	B		ground
<i>Ophionectria trichospora</i> (Berk. & Broome) Sacc.	A		bark of dead broad-leaved tree
<i>Orbilbia delicatula</i> (P. Karst.) P. Karst.	A		



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h	MAFF239832; MAFF239846	Hirooka and Kobayashi, 2007
h	MAFF239838; MAFF241564	Hirooka and Kobayashi, 2007
c	MAFF241567--241568	
h	TNS-F-227895	
c		Sato et al., 1991
a; c; h	TNS-F-227411; TNS-F-227502; TNS-F-227583; TNS-F-227589	Neda and Hattori, 1991
c; h	144-1-11; 228-1-11; 228-1-17; 248-1-7; MAFF305983; MAFF305986--305987; MAFF306004--306005	Sato et al., 1991; Sato, 1990
c; h; k	MAFF305984--305985; MAFF305988	Sato et al., 1991; Sato, 1990; Tokumasu, 1985
h	CBS 112.86	Sato et al., 1991
c; h		Sato et al., 1991
c; (b)		Inoue, 1970; Kobayasi and Konno, 1969
b		Inoue, 1970
b		Inoue, 1970
b		Inoue, 1970
c; h	140-1-24--26	Sato et al., 1991; Sato, 1987a
b		Neda and Sato, 2008
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008; Kobayasi, 1937d
h		Neda and Hattori, 1991
h	TNS-F-227800; TNS-F-227896	Doi, 1977
a	TNS-F-180390	

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<i>Oudemansiella canarii</i> (Jungh.) Höhn.	B	Nettai-numeritake	<i>Ficus retusa</i> L.; fallen branches; trunks of various trees; decaying wood; dead trunk of broad-leaved tree
<i>Ovulariopsis caricae</i> Sawada	D		<i>Carica papaya</i> L.
<i>Paecilomyces elegans</i> (Corda) E.W. Mason & S.	D		
<i>Paecilomyces</i> spp.	D		<i>Nolina recurvata</i> Hemsl.; <i>Terminalia catappa</i> L.
<i>Panaeolus papilionaceus</i> (Bull.) Quéf.	B	Waraitake	
<i>Panaeolus tropicalis</i> Ola'h	B	Aizome-hikagetake	among short grass; among fallen
<i>Pannaria lurida</i> (Mont.) Nyl.	A		
<i>Pannaria stylophora</i> Vain.	A		
<i>Parasola plicatilis</i> (Curtis) Redhead, Vilgalys & Hopple	B	Hime-higasa-hitoyotake	
<i>Parasympodiella longispora</i> (Tokum. & Tubaki) Tokum.	D		decaying needles of <i>Pinus luchuensis</i> Mayr
<i>Parmelia abstrusa</i> Vain.	A		
<i>Parmelia clavulifera</i> Räsä	A		
<i>Parmelia conformata</i> Vain	A		
<i>Parmelia dilatata</i> Vain.	A		
<i>Parmelia tinctoria</i> (Hoffm.) Schaer.	A		
<i>Paxillus curtisii</i> Berk.	B	Sakebatake	<i>Pinus luchuensis</i> Mayr
<i>Paxillus panuoides</i> (Fr.) Fr.	B	Ichoutake	decayed wood; logs; fallen branches of <i>Pinus luchuensis</i> ; fallen branch (forest); pine logs; <i>Pinus luchuensis</i> Mayr.
<i>Penicillium citrinum</i> Thom	D		
<i>Penicillium herquei</i> Bainier & Sartory	D		water (stream)
<i>Penicillium melinii</i> Thom	D		water (stream)
<i>Penicillium miczynskii</i> K.M. Zalesky	D		
<i>Penicillium paxilli</i> Bainier	D		water (stream)
<i>Penicillium</i> spp.	D		<i>Schima wallichii</i> (DC.) Korth.; <i>S. wallichii</i> subsp. <i>noronhae</i> (Reinw. ex Blume) Bloemb.; <i>Phoenix canariensis</i> Chabaud.; <i>Pandanus odoratissimus</i> ; <i>Xylaria polymorpha</i> (Pers.) Greville.; <i>Saccharum officinarum</i> L.; goat dung
<i>Peniophora bicornis</i> Hjortstam & Ryvardeen	B		decaying branch of a broad-leaved tree
<i>Peniophora phyllophila</i> Massee	B	Usu-ki-kawatake	bark of dead frondose tree
<i>Perichaena depressa</i> Lib.	M	Yosoi-himohokori	
<i>Periconia cookei</i> E.W. Mason & M.B. Ellis	D		<i>Passiflora edulis</i> Sims.

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h; (b)	MAFF430406; TNS-F-182281; TNS-F-182287; TNS-F-182291; TNS-F-227624; TNS-F-25923; TNS-F-25926	Neda and Hattori, 1991; Hongo, 1980
c; h		Sato, 1987b
b		Inoue, 1970
c; h; (b)	228-1-9	Sato et al., 1991; Sato, 1990; Inoue, 1970
b		Neda and Sato, 2008
h		Hongo, 1977
c		Kurokawa, 1969
c		Kurokawa, 1969
b		Neda and Sato, 2008
c; h	CBS 544.84	Sato et al., 1991; Tokumasu, 1987; Tokumasu and Tubaki, 1983
c		Kurokawa, 1969
c		Kurokawa, 1969
c	TNS-6012; TNS-6023; TNS-6028	Kurokawa, 1969
c		Kurokawa, 1969
c		Kurokawa, 1969
c; o		Neda and Hattori, 1991
c; h	MAFF420289; TNS-F-182271; TNS-F-182279	Neda and Hattori, 1991; Hongo, 1978
k		Tokumasu, 1985
c; k	MAFF241890	Tokumasu, 1985
c	MAFF241891	
k		Tokumasu, 1985
c	MAFF241894	
a; c; h; (b)	248-1-8	Sato et al., 1991; Sato, 1990; Inoue, 1970
h		Maekawa, 1999
c		Ito and Imai, 1940b
c		Yamamoto and Degawa, 2009
c	MAFF305989	Sato et al., 1991; Sato, 1990

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<i>Perisporiopsis quinqueseptata</i> Katum. & Y.	D		Box-leaved syzygium
<i>Pertusaria boninensis</i> Shibuichi	A	Ogasawara-torihadagoke	rock
<i>Pertusaria kashiwadonii</i> Shibuichi	A	Uchiki-torihadagoke	rock; bark of tree
<i>Pestalotiopsis adusta</i> (Ellis & Everh.) Steyaert	D		<i>Paederia scandens</i> (Lour.) Merr.
<i>Pestalotiopsis glandicola</i> (Castagne) Steyaert	D		<i>Morus boninensis</i> Koidz.
<i>Pestalotiopsis gracilis</i> (Kleb.) Steyaert	D		<i>Pandanus boninensis</i>
<i>Pestalotiopsis microspora</i> (Speg.) G.C. Zhao & N. Li	D		water (stream)
<i>Pestalotiopsis palmarum</i> (Cooke) Steyaert	D		water (stream)
<i>Pestalotiopsis</i> spp.	D		<i>Annona muricata</i> L.; <i>Elaeocarpus photiniaefolius</i> Hook. & Arn.; <i>Passiflora edulis</i> Sims.; <i>Trema orientalis</i> (L.) Blume; <i>Nolina recurvata</i> Hemsl.; <i>Phoenix canariensis</i> Chabaud.; <i>Dypsis lutescens</i> ; <i>Veitchia merrillii</i> H.E. Moore, Jr.; <i>Meterosideros boninensis</i> (Hayata ex Koidz.) Tuyama.; <i>Ardisia sieboldii</i> Miq.; <i>Caryota urens</i> ; <i>Casuarina stricta</i> (syn. <i>Allocasuarina verticillata</i> ); soil
<i>Pestalotiopsis toxica</i> (Ellis & Everh.) X.A. Sun & O.X. Ge	D		<i>Psidium guajava</i> L.
<i>Peziza boninensis</i> Berk. & M.A. Curtis	A		dead leaves
<i>Peziza inconspicua</i> Berk. & M.A. Curtis	A		dead wood
<i>Peziza insititia</i> Berk. & M.A. Curtis	A		dead wood
<i>Peziza</i> sp.	A		soil
<i>Phaeocreopsis hypoxyloides</i> (Speg.) Sacc. & P. Syd. ex Lindau	A		
<i>Phaeographis vicarians</i> (Vain.) M. Nakan.	A		
<i>Phaeoisaria magnifica</i> Deighton	D		<i>Arundo donax</i> L.; decayed wood
<i>Phakopsora incompleta</i> (Syd. & P. Syd.) Cummins	B	Shima-kamonohashi-sabibyokin	<i>Ischaemum ischaemoides</i> Nakai
<i>Phakopsora pachyrhizi</i> Syd. & P. Syd.	B	Hama-natamame-sabikin	<i>Canavalia lineata</i> (Thunb.) DC.

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h		Katamoto and Harada, 1979
c		Shibuichi, 1979
c; h		Shibuichi, 1979
h		Kobayashi and Okamoto, 2003
h	MAFF238483	
c		Hirooka et al., 2006
c	MAFF241896	
c	MAFF241886	
c; h	144-1-10; 144-1-28; 248-1-12; 248-1-9; MAFF241884	Sato et al., 1991; Sato, 1990
h		Kobayashi and Okamoto, 2003
b		Kobayashi, 1937d; Berkeley and Curtis, 1860
b		Kobayashi, 1937d; Berkeley and Curtis, 1860
b		Kobayashi, 1937d; Berkeley and Curtis, 1860
h		Sato et al., 1991
c	TNS-F-227781; TNS-F-227789	
c		Kurokawa, 1969
c		Sato et al., 1991
a; c; h	TNS-F-30606; TNS-F-30633--30635; TNS-F-30674; TNS-F-30784--30786	Sato et al., 1991
h; m; u	TNS-F-30751; TNS-F-30899--30900	Sato et al., 1991

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Phallus impudicus</i> L.	B	Suppontake	
<i>Phellinus gilvus</i> (Schwein.) Pat.	B	Nendotake	<i>Ardisia sieboldii</i> Miq.
<i>Phellinus laurencii</i> (Berk.) Aoshima	B		
<i>Phellinus linteus</i> (Berk. & M.A. Curtis) Teng	B		
<i>Phellinus macroferreus</i> T. Hatt. & Ryvarden	B		<i>Schima wallichii</i> (DC.) Korth.; <i>Schima mertensiana</i>
<i>Phellinus noxius</i> (Corner) G. Cunn.	B	Shima-sarunokoshikake	broadleaf trees
<i>Phellinus rimosus</i> (Berk.) Pil	B		
<i>Phellinus</i> spp.	B		<i>Psychotria homalosperma</i> A. Gray.; <i>Ficus retusa</i> L.; <i>Schima wallichii</i> (DC.) Korth.; <i>Rhaphiolepis integerrima</i> Hook. & Arn.
<i>Phellinus sublamaensis</i> (Lloyd) Ryvarden	B		
<i>Phellinus torulosus</i> (Pers.) Bourdot & Galzin	B	Korukutake	<i>Ardisia sieboldii</i> Miq.
<i>Phellinus umbrinellus</i> (Bres.) Ryv.	B	Cha-anatake	broad-leaf trees
<i>Phellinus velutinus</i> T. Hatt. & Ryvarden	B		<i>Psychotria homalosperma</i> A. Gray.
<i>Phellinus viticola</i> (Schwein.) Donk	B		
<i>Phialophora</i> sp.	D		seed
<i>Phillipsia domingensis</i> Berk.	A	Nikuatsu-benisaratake, Nettarei-beni-chawantake	decayed wood
<i>Phillipsia straminea</i> S. Ito & S. Imai	A	Nettai-ki-chawantake	decorticated decaying branches of trees
<i>Pholiota livistonae</i> S. Ito & S. Imai	B	Birou-sugitake	dead trunks of <i>Livistona chinensis</i>
<i>Pholiota tabacinirugosa</i> S. Ito & S. Imai	B	Shiwa-sugitake	dead bark or wood of <i>Celtis boninensis</i>
<i>Phoma destructiva</i> Plowr.	D		<i>Lycopersicon esculentum</i> Mill.
<i>Phoma</i> spp.	D		<i>Pleioblastus Simoni</i> i (Carr.) Nakai; <i>Carica papaya</i> L.; <i>Gossypium</i> sp.
<i>Phomopsis papayae</i> Gonz. Frag. & Cif.	D		<i>Carica papaya</i> L.
<i>Phomopsis mangiferae</i> S. Ahmad	D		<i>Mangifera indica</i> L.

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
b	TNS-F-24969	
h	TNS-F-227632	Neda and Hattori, 1991
h	TNS-F-227638	
h	TNS-F-227538	
a	MAFF	Hattori and Ryvarden, 1996
b; o	TNS-F-11282	Neda and Hattori, 1991
c; h	TNS-F-11616; TNS-F-201009	
a; h		Neda and Hattori, 1991
b	TNS-F-202544	
c; h		Neda and Hattori, 1991
h		Neda and Hattori, 1991
a	MAFF	Hattori and Ryvarden, 1996
h	TNS-F-227351	
a		Sato et al., 1991
c; h	TNS-F-50643--50644; TNS-F-227358	Sato et al., 1991; Ito and Imai, 1937b
c		Ito and Imai, 1937b
c; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
c		Sato et al., 1991; Sato, 1990
c; h		Kobayashi and Okamoto, 2003; Sato et al., 1991; Sato, 1990
h		Kobayashi and Okamoto, 2003
h		Kobayashi and Okamoto, 2003

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Phomopsis</i> spp.	D		<i>Calophyllum inophyllum</i> ; <i>Paederia scandens</i> ; <i>Chrysalidocarpus lutescens</i> (Bory) Wendl.; <i>Mangifera indica</i> L.; <i>Sorghum bicolor</i> (L.) Moench. <i>halepense</i> Pers.; <i>Carica papaya</i> L.; <i>Passiflora edulis</i> Sims.; <i>Gossypium</i> sp.; <i>Morus australis</i> Poir.; <i>Veitchia merrillii</i> H.E.Moore. Jr.; <i>Cucumis melo</i> L.; <i>Paspalum conjugatum</i> Berg.
<i>Phyllosticta anacardiacearum</i> Aa	D		<i>Mangifera indica</i> L.
<i>Phyllosticta boninense</i> Tak. Kobayashi et T. Okamoto	D		<i>Paederia scandens</i> (Lour.) Merr.
<i>Phyllosticta</i> spp.	D		<i>Caryota ureus</i> L.; <i>Dracaena</i> sp.; <i>Morus boninensis</i> Koidz.
<i>Physarum album</i> (Bull.) Chevall	M	Shiromoji-hokori	
<i>Physarum bogoriense</i> Racib.	M	Bogohru-hukurohokori	
<i>Physarum cinereum</i> (Batsch) Pers.	M	Haiiro-hukurohokori	
<i>Physarum compressum</i> Alb. & Schwein.	M	Yugamimojohokori	dead plant
<i>Physarum javanicum</i> Racib.	M	Jawamojihokori	fallen leaves of <i>Livistona chinensis</i> var. <i>boninensis</i>
<i>Physarum melleum</i> (Berk. & Broome) Masee	M	Shiro-jikukimojihokori	fallen leaves of <i>Calophyllum inophyllum</i>
<i>Physarum nucleatum</i> Rex	M	Tamamochi-mojihokori	
<i>Physarum roseum</i> Berk. & Broome	M	Akamojihokori	
<i>Physarum superbum</i> Hagelst.	M	Kimimizu-hukurohokori	
<i>Physarum tenerum</i> Rex	M	Ashinaga-mojihokori	
<i>Physarum viride</i> (Bull.) Pers.	M	Aomojihokori	decayed wood
<i>Physarum viride</i> f. <i>aurantium</i> (Bull.) Y.	M	Daidai-mojihokori	
<i>Phyrcia picta</i> (Sw.) Nyl.	A		
<i>Phyrcia stellaris</i> (L.) Nyl.	A		
<i>Phyrcia tribacia</i> (Ach.) Nyl.	A		
<i>Physma radians</i> Vain.	A		
<i>Phytophthora capsici</i>	O		<i>Lycopersicon esculentum</i> Mill.
<i>Phytophthora nicotianae</i> Breda de Haan	O		<i>Carica papaya</i> L.; <i>Passiflora edulis</i> Sims.
<i>Phytophthora</i> sp.	O		<i>Carica papaya</i> L.
<i>Pilobolus</i> spp.	Z		goat dung
<i>Pilocratera insititia</i> (Berk. & M.A. Curtis) Sacc. & Schwein.	A	Kotsubu-take	dead wood
<i>Pisolithus arenarius</i> Alb. & Schwein.	B		



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h	248-1-4; 248-1-10; 228-1-15	Kobayashi and Okamoto, 2003; Sato et al., 1991; Sato, 1990
h		Kobayashi and Okamoto, 2003
h		Kobayashi and Okamoto, 2003
c; h	139-1-22; 248-1-18; MAFF238686	Sato et al., 1991; Sato, 1990
h		Yamamoto and Degawa, 2009
c		Yamamoto and Degawa, 2009
h		Yamamoto and Degawa, 2009
c		Yamamoto and Nagao, 1998
c		Yamamoto and Nagao, 1998
c; h		Yamamoto and Degawa, 2009; Yamamoto and Nagao, 1998
h		Yamamoto and Degawa, 2009
c		Yamamoto and Degawa, 2009
c		Yamamoto and Degawa, 2009
h		Yamamoto and Degawa, 2009
c		Yamamoto and Nagao, 1998
h		Yamamoto and Degawa, 2009
c		Kurokawa, 1969
c		Kurokawa, 1969
c		Kurokawa, 1969
c		Kurokawa, 1969
c		Sato et al., 1991; Sato, 1990, 1987a,b
c; h	MAFF305591; MAFF305978; MAFF306165	Sato, 1991, 1990, 1987a,b; Sato et al., 1991,
h		Sato, 1987a
a; (b)		Sato et al., 1991; Inoue, 1970
b		Kobayasi, 1937d; Yasuda, 1922b
b		Inoue, 1970

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Pisolithus tinctorius</i> (Pers.) Coker & Couch	B	Kotsubu-take	ground (under <i>Pinus luchuensis</i> ); red clay under <i>Pinus luchuensis</i>
<i>Pithomyces</i> sp.	D		decayed wood
<i>Plectosporium tabacinum</i> (J.F.H. Beyma) M.E. Palm, W. Gams & Nirenberg	D		<i>Curcuma alismatifolia</i> Gagnep.
<i>Pleospora herbarum</i> (Pers.) Rabenh.	A		<i>Gossypium</i> sp.
<i>Pleurophragmium</i> sp.	D		<i>Arundo donax</i> L.
<i>Pleurotus alopecius</i> (Berk. & M.A. Curtis) Sacc.	B		
<i>Pleurotus cyatheae</i> S. Ito & S. Imai	B	Hegoshiro-kataha	living trunks of <i>Cyathea mertensiana</i> (Kunze) Copel.
<i>Pleurotus cystidiosus</i> O.K. Mill.	B	Oo-hiratake	broad leaved tree
<i>Pleurotus djamor</i> (Rumph. ex Fr.) Boedijn	B	Nettai-hiratake; Minami-hiratake	<i>Pandanus odoratissimus</i> ; <i>Pisonia umbellifera</i> (Forst.) Seem.; <i>Ficus retusa</i> L.
<i>Pleurotus leiophyllus</i> (Berk. & M.A. Curtis) Sacc.	B		
<i>Pleurotus lividulus</i> (Berk. & M.A. Curtis) Sacc.	B	Ogasawara-hime- kataha	dead twigs
<i>Pleurotus ostreatus</i> (Jacq.) P. Kumm.	B	Hiratake	<i>Ardisia sieboldii</i> Miq.; tree trunks
<i>Pleurotus pulmonarius</i> (Fr.) Quél.	B		<i>Ardisia sieboldii</i> Miq.
<i>Pleurotus squamula</i> Sacc.	B		
<i>Pluteus arenulosus</i> Berk. & M.A. Curtis	B		
<i>Pluteus cervinus</i> (Schaeff.) P. Kumm.	B		
<i>Pluteus daidoi</i> S. Ito & S.	B	Daido-benihidatake	ground
<i>Pluteus horridilamellus</i> S. Ito & S. Imai	B	Fusa-benihida-take	rotting wood
<i>Pluteus leoninus</i> (Schaeff.) P. Kumm.	B		
<i>Pluteus machidae</i> S. Ito & S. Imai	B	Machida-benihidatake	dead trunks
<i>Pluteus okabei</i> S. Ito & S. Imai	B	Okabe-benihida-take	decayed wood
<i>Pluteus verruculosus</i> S. Ito & S. Imai	B	Munin-shikatake	ground
<i>Podospora communis</i> (Speg.) Niessl	A		
<i>Podospora longicollis</i> (L.M.) Ames) J.H. Mirza & Cain	A		
<i>Podospora</i> sp.	A		
<i>Podosporium beccarianum</i> (Ces.) Seifert & G. Okada	D		<i>Dendrocalamus latiflorus</i> Munro

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h; c	TNS-F-11936; TNS-F-24743; TNS-F-172531	Ito and Imai, 1937a; Hongo, 1978
c		Sato et al., 1991
c; (b)	MAFF238959	Takeuchi, 2007
h	144-1-13	Sato et al., 1991, 1990
c		Sato et al., 1991
b		Kobayasi, 1937d; Ito and Imai, 1939
c; (b)		Neda and Sato, 2008; Ito and Imai, 1939
c; u	MAFF305598; MAFF435158	
c; h; j; o; (b)	MAFF430408; TNS-F-11937	Neda and Hattori, 1991
b		Kobayasi, 1937d
c		Kobayasi, 1937d; Ito and Imai, 1939
h; (b)		Neda and Sato, 2008; Neda and Hattori, 1991
b	MAFF430405	
b		Kobayasi, 1937d
b		Neda and Sato, 2008; Kobayasi, 1937d
h	TNS-F-8122	
h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
h	TNS-F-8121	
h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
c		Ito and Imai, 1940a
h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
b		Inoue, 1970
b		Inoue, 1970
b		Inoue, 1970
c		Sato et al., 1991

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Polioteliium hyalospora</i> (Sawada) Mains	B		<i>Acacia confusa</i> Merr.
<i>Polyporus auberianus</i> Mont.	B		
<i>Polyporus coccineus</i> Fr.	B	Hirotake	<i>Pandanus odoratissimus</i> ; <i>Casuarina stricta</i> (syn. <i>Allocasuarina verticillata</i> )
<i>Polyporus foedatus</i> Berk.	B	Mogusatake	
<i>Polyporus gramocephalus</i> Berk.	B	Suji-uchiwatake	<i>Ardisia sieboldii</i> Miq.
<i>Polyporus guilfoylei</i> Berk. & Broome	B	Suji-uchiwatake	
<i>Polyporus hemicapnodes</i> Berk. & Broome	B		dead wood
<i>Polyporus hinoi</i> S. Ito & S. Imai	B	Kaneo-take	dead wood
<i>Polyporus muelleri</i> Kalchbr.	B	Shirosujiuchiwatake	
<i>Polyporus nitidulus</i> Berk. & M.A. Curtis	B	Fukirotake	dead wood
<i>Polyporus ochrotinctus</i> Berk. & M.A. Curtis	B		decayed wood
<i>Polyporus rhipidium</i> Berk.	B	Hinano-utiwa	dead log; branches
<i>Polyporus rhipidium</i> var. <i>pusillus</i> (Lév.) Kobayasi	B	Hinano-utiwa	dead branches; trunks of various trees
<i>Polyporus sanguineus</i> Mont. & Berk.	B		
<i>Polyporus schimae</i> S. Ito & S. Imai	B	Himetsubaki-take	dead branches of <i>Schima boninensis</i>
<i>Polystictus abietinus</i> (Dicks.) Fr.	B		
<i>Polystictus didrichsenii</i> Fr.	B		
<i>Polystictus flabelliformis</i> (Klotzsch) Sacc.	B	Uchiwatake	wood
<i>Polystictus gramocephalus</i> (Berk.) S. Ito & S. Imai	B	Nettai-hauchiwa-take	dead wood
<i>Polystictus luteus</i> (Nees) Fr.	B	Shimauchiwatake	
<i>Polystictus ochrotinctus</i> (Berk. & M.A. Curtis) Cooke	B	Bisketto-take	wood
<i>Polystictus pterygodes</i> (Fr.) Fr.	B	Tsubasa-take	
<i>Polystictus sanguineus</i> (L.) G. Mey.	B	Hirotake	trunks of <i>Pandanus boninensis</i>
<i>Polystictus vernicipes</i> (Berk.) Cooke	B	Wanisutake	
<i>Polystictus vinosus</i> (Berk.) Sacc.	B	Budotake	dead wood
<i>Poria aurantiaca</i> (Rostk.) P. Karst	B	Kizome-take	bark
<i>Poria aurantiotingens</i> Ellis & T. Macbr.	B		

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c		Hiratsuka and Hiratsuka, 1969
b		Kobayasi, 1937d
a; c; r; u		Neda and Hattori, 1991
b	TNS-F-201527	Kobayasi, 1937d; Yasuda, 1913d
h; (b)	TNS-F-201235; TNS-F-201388	Neda and Hattori, 1991
b		Kobayasi, 1937d; Yasuda, 1916a
h		Neda and Hattori, 1991
c		Ito and Imai, 1940b
h	TNS-F-201008	
c		Ito and Imai, 1940b; Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
c; h		Ito and Imai, 1940b
c; h		Sato, 1990; Kobayasi, 1937b
b		Hennings, 1893
c		Ito and Imai, 1940b
c	TNS-F-201237	
c	TNS-F-201131	
c; h		Ito and Imai, 1940b
c; h		Ito and Imai, 1940b
b	TNS-F-201240; TNS-F-201747	Kobayasi, 1937
c; h		Ito and Imai, 1940b
b		Kobayasi, 1937d; Yasuda, 1913a
c; h; (b)		Ito and Imai, 1940b; Kobayasi, 1937d
b		Kobayasi, 1937d; Yasuda, 1913a
c		Ito and Imai, 1940b
b		Kobayasi, 1937d; Yasuda, 1916e
b	TNS-F-202396	

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<i>Poromyces manipularis</i> (Berk.) R. Heim	B	Ame-hikaritake	
<i>Porpoloma boninense</i> (S. Ito & S. Imai) Hongo	B	Chishima-shimeji	soil; (shady forest)
<i>Psathyra fusconivea</i> (Berk. & M.A. Curtis) Sacc.	B		
<i>Psathyrella boninensis</i> (S. Ito & S. Imai) S. Ito	B	Ogasawara-itachitake	
<i>Psathyrella candolleana</i> (Fr.) Maire	B	Itachitake	
<i>Psathyrella disseminata</i> (Pers.) Quél.	B	Inu-senbontake	dead wood
<i>Psathyrella piluliformis</i> (Bull.) P.D. Orton	B	Musasabitake	
<i>Psathyrella stellatifurfuracea</i> (S. Ito & S. Imai) S. Ito	B	Kirara-itachitake	dead grass; decaying wood (forest;shady moist forest); fallen branch of broad-leaved tree; fallen trunk (forest)
<i>Pseudobotrytis terrestris</i> (Timonin) Subram.	D		
<i>Pseudocercospora paederiicola</i> Nakashima et Tak. Kobayashi	D		<i>Paederia scandens</i> (Lour.) Merr.
<i>Pseudocercospora oxalidis</i> (Goh & S.Y. Hsieh)	D		<i>Oxalis corymbosa</i> DC.
<i>Pseudocolus fusiformis</i> (E. Fisch.) Lloyd	B	Sanko-take	ground (pine forest)
<i>Pseudocolus javanicus</i> (Penz.) Lloyd	B	Sanko-take	ground (woods)
<i>Pseudocolus schellenbergiae</i> (Sumst.) A.E. Johnson	B	Sankotake	fallen leaves; branches; humus; (pine forest)
<i>Psoroma boninense</i> Kurok.	A		rugged area with many large outcrops of andesite
<i>Puccinia allii</i> (DC.) F. Rudolphi	B	Nira-sabibyokun	<i>Allium tuberosum</i> Rottler
<i>Puccinia cenchri</i> Dietel & Holw	B		bur
<i>Puccinia crepidis-japonicae</i> (Lindr.) Dietel	B	Onitabirako-sabikin	<i>Yungia japonica</i> (L.) DC.
<i>Puccinia cryptandri</i> var. <i>cryptandri</i> Ellis & Barthol.	B	Futashibe-nezuminoo-sabikin	<i>Sporobolus diander</i> (Retz.) Beauv.
<i>Puccinia cynodontis</i> ex Desm.	B	Gyogishiba-sabikin	<i>Cynodon dactylon</i> (L.) Pers.
<i>Puccinia erythropus</i> Dietel	B	Susukirui-sabikin	<i>Miscanthus boninensis</i> Nakai ex Honda.; <i>Miscanthus condensatus</i> Hack.
<i>Puccinia cyperi</i> Arthur	B	Inukugu-sabibyokun	<i>Cyperus cyperoides</i> (L.) O. Kuntze.

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
b		Neda and Sato, 2008
h; (b)	TNS-F-182272	Neda and Sato, 2008; Hongo, 1980
b		Neda and Sato, 2008; Kobayasi, 1937d
b		Neda and Sato, 2008
h; (b)	TNS-F-227525	Neda and Sato, 2008
c		Ito and Imai, 1940a
b		Neda and Sato, 2008
c; h	TNS-F-174732; TNS-F-228441; TNS-F-228444; TNS-F-228448; TNS-F-237345; TNS-F-25789	Hongo, 1977
b		Inoue, 1970
h		Kobayashi and Okamoto, 2003
h		Kobayashi and Okamoto, 2003
c		Hongo, 1978
h		Ito and Imai, 1937a
c; h; o; (b)	MAFF430297; TNS-F-24987; TNS-F-237344	Neda and Hattori, 1991
c		Kurokawa, 1969
c	TNS-F-30939--30940	Sato et al., 1991; Sato, 1987a,b
c		Harada, 1979
c; h	TNS-F-30744; TNS-F-31067; TNS-F-31068-- 31075	Sato et al., 1991; Harada, 1979
c	TNS-F-30629--30630; TNS-F-30830--30831	
c	TNS-F-30602; TNS-F-30605; TNS-F-31114-- 31117	
a; c; h; m	TNS-F-30613; TNS-F-30652; TNS-F-30655; TNS-F-30747; TNS-F-31058--31063; TNS-F- 31082--31083	Sato et al., 1991; Harada, 1979
c; h	TNS-F-30612; TNS-F-30787--30793; TNS-F- 31029--31033	Sato et al., 1991; Harada, 1979

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<i>Puccinia fimbristylidis</i> Arthur	B	Shima-tentsuki-sabikin; Munin-tentsuki-sabikin; Hahajima-tentsuki-sabikin	<i>Fimbristylis ferruginea</i> Vahl.; <i>Fimbristylis longispica</i> Steud. var. <i>boninensis</i> (Hayata) Ohwi.; <i>Fimbristylis longispica</i> Steud. var. <i>hahajimensis</i> Ohwi
<i>Puccinia flaccida</i> Berk. & Broome	B	Edauchi-chijimizasa-sabikin; Chijimizasa-sabikin	<i>Oplismenus compositus</i> (L.) Beauv. ; <i>Oplismenus undulatifolius</i> (Ard.) Roem. & Schul.
<i>Puccinia kuehnii</i> (W. Krüger) E.J. Butler	B	Satoukibi-sabibyokun	<i>Saccharum officinarum</i> L..
<i>Puccinia lepturi</i> Hirats. f.	B	Hai-shiba-sabikin	<i>Lepturus repens</i> (G.Forst.) R.Br.
<i>Puccinia levis</i> var. <i>panicis-sanguinalis</i> (Rangel) Ramachar & Cummins	B	Ko-mehishiba-sabikin	<i>Digitaria timorensis</i> (Kunth) Balansa
<i>Puccinia microspora</i> Dietel	B		<i>Imperata cylindrica</i> (L.) Beauv. var. <i>koenigii</i> (Retz.) Durand & Schinz
<i>Puccinia miscanthi</i> Miura	B	Ogasawara-susuki-sabikin; Hachijo-susuki-sabikin	<i>Miscanthus boninensis</i> Nakai ex Honda.; <i>Miscanthus condensatus</i> Hack.
<i>Puccinia miyoshiana</i> Dietel	B		<i>Eccoilopus cotulifer</i>
<i>Puccinia nakanishikii</i> Dietel	B	Hime-abura-susuki-sabikin	<i>Bothriochloa parviflora</i> (R. Br.) Ohwi
<i>Puccinia nanbuana</i> Henn.	B	Munin-hamaudo-sabikin	<i>Angelica japonica</i> A. Gray var. <i>boninensis</i> (Tuyama) Yamazaki
<i>Puccinia oahuensis</i> Ellis & Everh.	B		<i>Digitaria pluriens</i> (Fisch. ex Trin.) Buse
<i>Puccinia paspalina</i> Cummins	B	Ogasawara-suzume-no-hiesabikin; Suzume-no-kobie-sabikin	<i>Paspalum conjugatum</i> Berg.; <i>Paspalum scrobiculatum</i> L.
<i>Puccinia philippinensis</i> Syd. & P. Syd.	B	Hamasuge-sabikin	<i>Cyperus rotundus</i> L.
<i>Puccinia purpurea</i> Cooke	B	Morokoshi-sabibyokun; Seiban-morokoshi-sabibyokun; Sorghum sudanense (Piper) Stapf-sabibyokun	<i>Sorghum bicolor</i> (L.) Moench. <i>bicolor</i> (L.) Moench.; <i>Sorghum</i> <i>bicolor</i> (L.) Moench. <i>halepense</i> (L.) Pers. var. <i>propinquum</i> (Hitcch.) Ohwi
<i>Puccinia purpurea</i> Cooke	B		<i>Sorghum bicolor</i> (L.) Moench.; <i>Sorghum sudanense</i> (Piper) Stapf.; <i>Sorghum halepense</i> Pers.
<i>Puccinia romagnoliana</i> Maire & Sacc.	B	Hamasuge-sabikin	<i>Cyperus rotundus</i> L.
<i>Puccinia rufipes</i> Dietel	B	Chigaya-sabikin	<i>Imperata cylindrica</i> (L.) Beauv. var. <i>koenigii</i> (Retz.) Durand & Schinz
<i>Puccinia</i> sp.	B	Machiku-sabikin	<i>Dendrocalamus latiflorus</i> Munro
<i>Puccinia</i> sp.	B	Medake-sabikin	<i>Pleioblastus simonii</i> Nakai



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
a; c; h; m; o; r; u	TNS-F-30607--30609; TNS-F-30680; TNS-F-30775--30780; TNS-F-30984--30991	Sato et al., 1991; Harada, 1979
a; c; h; m	TNS-F-30603; TNS-F-30748; TNS-F-30756; TNS-F-31006; TNS-F-31008	
c; h	TNS-F-30637; TNS-F-30654; TNS-F-31064-- 31066	Sato et al., 1991; Sato, 1987a,b
h	TNS-F-30759--30761	
c	TNS-F-30647; TNS-F-30649; TNS-F-31118	
h		Harada, 1979
c; h; m	TNS-F-30610--30611; TNS-F-30621; TNS-F-30645; TNS-F-30661--30662; TNS-F-30678-- 30679; TNS-F-30741--30742; TNS-F-30746; TNS-F-31007; TNS-F-31009--31017; TNS-F- 31045--31048; TNS-F-31052--31057	Sato et al., 1991; Harada, 1979
h		Kobayashi and Okamoto, 2003
c	TNS-F-30638--30640	
h	TNS-F-30919--30921; TNS-F-31049--31051	Sato et al., 1991
c; h	TNS-F-30604; TNS-F-30781--30783	Harada, 1979
c; h; m; r; u	TNS-F-30648; TNS-F-30650; TNS-F-30671; TNS-F-30730; TNS-F-30743; TNS-F-30752; TNS-F-31034--31043	Sato et al., 1991
c	TNS-F-30641; TNS-F-30718	
c; h	TNS-F-30631; TNS-F-30643; TNS-F-30657; TNS-F-30666; TNS-F-30727; TNS-F-30737; TNS-F-30753; TNS-F-30888--30898; TNS-F- 30923--30929	
c; h		Sato et al., 1991; Sato, 1987a,b; Harada, 1979
c	TNS-F-30716--30717; TNS-F-30719--30720	Sato et al., 1991
c; h	TNS-F-30623; TNS-F-30653; TNS-F-30664; TNS-F-30876--30879	Sato et al., 1991; Harada, 1979
c	TNS-F-30721	Sato et al., 1991
h	TNS-F-30818	Sato et al., 1991

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Puccinia</i> sp.	B	Ydake-sabikin	<i>Pseudosasa japonica</i> (Mitford) Makino
<i>Puccinia</i> sp.	B	Tokiwa-sarutori-ibara-sabikin	<i>Smilax china</i> L. var. <i>yanagitan</i> Honda
<i>Puccinia</i> sp.	B	Munin-nakirisuge-sabikin	<i>Carex hattoriana</i> Nakai ex Tuyama
<i>Puccinia</i> sp.	B	Higesuge-sabikin	<i>Carex oahuensis</i> C.A.Mey. var. <i>bongardii</i> (Boott) Franch. & Sav.
<i>Puccinia taiwaniana</i> Hirats. f. & Hashioka	B	Hime-chigo-zasa-sabikin	<i>Panicum patens</i> L.
<i>Pucciniastrum boehmeriae</i> (Diétel) Syd. & P. Syd.	B	Ogasawara-mokumao-sabikin	<i>Boehmeria boninensis</i> Nakai.
<i>Pulveroboletus xylophilus</i> (Petch) Pegler	B	Shima-zaimoku-iguchi	decayed wood
<i>Pulvinula globifera</i> (Berk. & M.A. Curtis) Le Gal	A		
<i>Pulvinula</i> sp.	A		<i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Pycnoporus coccineus</i> (Fr.) Bondartsev & Singer	B	Hirotake	broad leaved tree
<i>Pycnoporus sanguineus</i> (L.) Murrill	B		
<i>Pyramidospora</i> sp.	D		
<i>Pyrenula punctifera</i> Vain.	A		
<i>Pyrgillus boninensis</i> Asahina	A		decroticated trunks of <i>Juniperus taxifolia</i>
<i>Pythium aphanidermatum</i> (Edson) Fitzp.	O		<i>Cucumis sativus</i> L.
<i>Pythium deliense</i> Meurs	O		soil
<i>Pythium salpingophorum</i> Drechsler	O		soil
<i>Pythium vexans</i> de Bary	O		soil
<i>Pyxine patellaris</i> Kurok.	A		
<i>Ramalina boninensis</i>	A		<i>Calophyllum inophyllum</i>
<i>Ramalina geniculata</i> Hook. f. & Taylor	A		
<i>Ramalina intermediella</i>	A		
<i>Ramalina litoralis</i> Asahina	A		
<i>Ramalina subgeniculata</i> Nyl.	A		
<i>Ramalina sublitoralis</i>	A		
<i>Ramichloridium</i> sp.	D		fallen leaves
<i>Ramularia pratensis</i> Sacc.	D		<i>Rumex japonicus</i> Houtt.
<i>Resupinatus applicatus</i> (Batsch) Gray	B	Shijimitake	
<i>Resupinatus rhacodium</i> (Berk. & M.A. Curtis) Singer	B	Kuroge-shijimitake	dead trunks; fallen trunk of various broad-leaved trees; <i>Paudanus boninensis</i> : decaying wood
<i>Resupinatus trichotis</i> (Pers.) Singer	B	Kuroge-shijimitake	broadleaf trees

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c	TNS-F-30736	Sato et al., 1991
c; h	TNS-F-30681--30685; TNS-F-30687--TNS-F-30689; TNS-F-30686; TNS-F-30690	Sato et al., 1991
a; c; h	TNS-F-30705--30715; TNS-F-30813	Sato et al., 1991
c; h	TNS-F-30691--30704; TNS-F-30814--30815; TNS-F-30918; TNS-F-31113	Sato et al., 1991
c	TNS-F-30832	Sato et al., 1991
k	TNS-F-30982--30983	Sato et al., 1991
c		Neda and Hattori, 1991
a	TNS-F-180387	
a		Sato et al., 1991
c	MAFF306091--306092	
b	TNS-F-206558	
b		Inoue, 1970
c		Kurokawa, 1969
a		Asahina, 1932
c	MAFF305785	Sato et al., 1991; Sato, 1990
h	MAFF238293	
h	MAFF238294	Watanabe, 2002
c	MAFF241885	
c		Kurokawa, 1969
c; h		Kurokawa, 1969; Asahina, 1938
c		Kurokawa, 1969
c		Kurokawa, 1969
c		Kurokawa, 1969
c		Kurokawa, 1969
h		Sato et al., 1991
h	MAFF238946	
b		Neda and Sato, 2008
c; h	TNS-F-174737; TNS-F-182286; TNS-F-182288	Hongo, 1978
h; (b)		Neda and Sato, 2008; Neda and Hattori, 1991

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Rhizoctonia</i> sp.	D		<i>Carica papaya</i> L.
<i>Rhizophlyctis boninensis</i> Kobayasi & K. Konno	C		soil
<i>Rhizophlyctis rosea</i> (de Bary & Woronin) A. Fisch.	C		soil; peat soil
<i>Rhizophlyctis</i> sp.	C		
<i>Rhizophydium condylosum</i> Karling	C		soil
<i>Rhizophydium</i> <i>keratinophilum</i> Karling	C		
<i>Rhizophydium pollinis-pini</i> (A. Braun) Zopf	C		
<i>Rhizophydium</i> sp.	C		
<i>Rhizophydium</i> <i>sphaerocarpum</i> (Zopf) A.	C		soil
<i>Rhizophydium sphaerotheca</i> Zopf	C		soil; peat soil; dead leaves
<i>Rhizopogon boninensis</i> S. Ito & S. Imai	B	Munin-shoro	clay soil
<i>Rhizopogon luteolus</i> Fr. & Nordholm	B	Shohro-modoki	sandy soils; afforestation of <i>Pinus liukiuensis</i>
<i>Rhizopogon nigrescens</i> Coker & Couch	B	O-shouro	denuded soil
<i>Rhizopus stolonifer</i> (Ehrenb.) Vuill.	Z		<i>Annona muricata</i> L.; <i>Artocarpus heterophyllus</i> Lamarck; <i>Carica papaya</i> L.; <i>Casimiroa edulis</i> La Llave.; <i>Angelica japonica</i> A. Gray var. <i>boninensis</i> (Tuyama) Yamazaki; <i>Cucumis melo</i> L.; <i>Litchi chinensis</i> ; <i>Annona squamosa</i> L.
<i>Rhodophyllus brunneolus</i> (S. Ito & S. Imai) S. Ito	B	Munin-cha- momiuratake	
<i>Rhodophyllus glutiniceps</i> Hongo	B	Ai-ipponshimeji	red clay (pine forest)
<i>Rigidoporus lineatus</i> (Pers.) Ryvarden	B	Surumetake	dead wood
<i>Rigidoporus microporus</i> (Sw.) Overeem	B	Nettai-surumetake	<i>Pinus luchuensis</i> Mayr
<i>Rigidoporus zonalis</i> (Berk.) Imazeki	B		
<i>Ripartitella brasiliensis</i> (Speg.) Singer	B	Nise-kitsuneno- karakasa	decaying wood (pine forest); subcespitose to gregarious;(humus; moist forest); fallen branches of Pine; fallen branches; stump or barks of standing trees (pine forest)
<i>Russula boninensis</i> S. Ito & S. Imai	B	Ogasawara-kihatsu	ground among fallen needles
<i>Russula delica</i> Fr.	B	Shirohatsu	

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c		Sato et al., 1991; Sato, 1990
c; (b)		Inoue, 1970; Kobayasi and Konno, 1969
c; (b)		Inoue, 1970; Kobayasi and Konno, 1969
b		Inoue, 1970
c; (b)		Inoue, 1970; Kobayasi and Konno, 1969
b		Inoue, 1970
b		Inoue, 1970
b		Inoue, 1970
c; (b)		Inoue, 1970; Kobayasi and Konno, 1969
c; (b)		Inoue, 1970; Kobayasi and Konno, 1969
c		Ito and Imai, 1937a
c	TNS-F-51266; TNS-F-51270--51271	Kobayasi, 1937a
c	TNS-F-25085	Kobayasi, 1937c
c; h	144-1-27; 140-1-34; MAFF305786; MAFF306032; MAFF306201	Sato et al., 1991; Sato, 1990, 1987a,b
b		Neda and Sato, 2008
c	<b>TNS-F-228450*</b>	Hongo, 1977
h		Neda and Hattori, 1991
c		Neda and Hattori, 1991
h	TNS-F-227637	
c		Neda and Hattori, 1991; Hongo, 1977
c; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
c; h	TNS-F-234153; TNS-F-234155--234156	

Scientific name	Taxonomic group <sup>1)</sup>	Japanese common name	Substrate
<i>Russula emetica</i> (Schaeff.) Pers.	B	Doku-benitake	ground
<i>Russula mariae</i> Peck	B	Nioibenitake	
<i>Russula sanguinea</i> (Bull.) Fr.	B	Chishiohatsu	
<i>Saccobolus beckii</i> Heimerl	A		goat dung
<i>Saccobolus depauperatus</i> (Berk. & Broome) Rehm	A		goat dung
<i>Saccobolus minimus</i> Velen.	A		goat dung
<i>Saprolegnia asterophora</i> de Bary	O		
<i>Saprolegnia ferax</i> (Gruith.) Nees	O		peat soil
<i>Sarcographa melanocarpa</i> Zahlbr.	A		
<i>Sarcoscypha occidentalis</i> (Schwein.) Sacc.	A	Beni-chawantake- modoki	decayed wood
<i>Sartorya</i> sp.	D		
<i>Scedosporium</i> sp.	D		
<i>Schizophyllum commune</i> Fr.	B	Suehirotake	<i>Leucaena leucocephala</i> (Lam.) de Wit.; <i>Elaeocarpus photiniaefolius</i> Hook. et Arn.; <i>Pinus luchuensis</i>
<i>Schizosaccharomyces pombe</i> Lindner	A		<i>Saccharum officinarum</i> L.
<i>Sclerotinia sclerotiorum</i> (Lib.) de Bary	A		<i>Brassica campestris</i> ; <i>Caladium</i> <i>bicolor</i> Vent.
<i>Sclerotium rolfsii</i> Sacc.	D		<i>Angiopteris lygodiiifolia</i> Ros. ; <i>Crepidiastrum ameristophyllum</i> (Nakai) Nakai; <i>Cucumis melo</i> L.
<i>Scytinostromella nannfeldtii</i> (J. Erikss.) G.W. Freeman & R.H. Petersen	B		decaying branch of a broad-leaved tree
<i>Septoria boninensis</i> Berk. & M.A. Curtis	D		petioles of an unknown leaf
<i>Septoria passifloricola</i>	D		
<i>Septoria pastinacina</i> Sacc.	D		<i>Passiflora edulis</i> Sims.
<i>Sistotrema coronilla</i> (Höhn. & Litsch.) Donk ex D.P.	B		decaying wood of a broad-leaved tree
<i>Sordaria</i> sp.	A		
<i>Sphaerellopsis filum</i> (Biv.) B. Sutton	D	sabikin- choufukukiseikin	<i>Puccinia</i> sp. on <i>Cymbopogon</i> <i>citratu</i> s.; <i>Puccinia purpurea</i> ; <i>Puccinia cryptandri</i> var. <i>cryptandri</i> ; <i>Puccinia kuehnii</i> ; <i>Puccinia levis</i> var. <i>panici-</i> <i>sanguinalis</i> ; <i>Puccinia miscanthi</i> ; <i>Puccinia rufipes</i> ; <i>Puccinia</i> sp. ; <i>Uredo</i> sp. ; <i>Uromyces kawakamii</i>
<i>Sphaeria depolita</i> Berk. & M.A. Curtis	A		sides of leaves of <i>Quercus virens</i>

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
h	TNS-F-227466	
c; h	TNS-F-234170--234174	
b	TNS-F-25120--25128; TNS-F-25135	Inoue, 1970
c; (b)	TNS-F-25130; TNS-F-25133--25134	Inoue, 1970
c; (b)	TNS-F-25131--25132	Inoue, 1970
c; (b)		Inoue, 1970; Kobayasi and Konno, 1969
c; (b)		Inoue, 1970; Kobayasi and Konno, 1969
c		Kurokawa, 1969
h		Sato et al., 1991
b		Inoue, 1970
k		Tokumasu, 1985
a; c; h		Neda and Hattori, 1991; Ito and Imai, 1939
b		
c; h	139-1-9	Ono and Kouno, 2007; Sato et al., 1991; Sato, 1987a, b
c; h	MAFF305793; MAFF306090	Sato et al., 1991; Sato, 1990, 1987b
h		Maekawa, 1999
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
b		Horie et al., 2005
h		Kobayashi and Okamoto, 2003
h		Maekawa, 1999
b		Inoue, 1970
a; c; h	MAFF305944; MAFF306454--306486	Sato et al., 1991; Sato, 1990
b		Kobayasi, 1937d; Berkeley and Curtis, 1860

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<i>Sphaeria pardalios</i> Berk. & M.A. Curtis	A		dead wood
<i>Sphaerobolus stellatus</i> Tode	B	Tamahajiki-take	fallen stem; leaves of
<i>Sphaerotheca fuliginea</i> (Schltld.) Pollacci	A	Urirui-udonkobyoukin	Monocotyledoneae; petioles of <i>Cucurbita moschata</i> Duch.; <i>Cucumis sativus</i> L.; <i>Citrullus lanatus</i> (Thunb.) Matsum. et Nakai
<i>Sporidesmium</i> spp.	D		<i>Dendrocalamus latiflorus</i> Munro; <i>Elaeis guineensis</i> Jacq.; <i>Livistona chinensis</i> (N. J. Jacq.) R. Br. ex Martius var. <i>boninensis</i> Becc.
<i>Sporobolomyces bischoftiae</i> Hamam., Thanh & Nakase	D		dead leaves of <i>Bischofia javanica</i>
<i>Sporobolomyces ogasawarensis</i> Hamam., Thanh & Nakase	D		dead leaves of <i>Osmanthus insularis</i> ; dead leaves of <i>Schima mertensiana</i> ; dead leaves of <i>Syzygium buxifolium</i>
<i>Sporobolomyces syzygii</i> Hamam., Thanh & Nakase	D		dead leaves of <i>Syzygium buxifolium</i>
<i>Sporormiella minima</i> (Auersw.) S.I. Ahmed & Cain	A		
<i>Sporothrix</i> sp.	D		
<i>Stachybotrys</i> sp.	D		<i>Agave americana</i>
<i>Stemonaria longa</i> (Peck) Nann.-Bremek., R. Sharma & Y. Yamam.	M	Yari-midarehokori	
<i>Stemonitis fusca</i> Roth	M	Murasakihokori	
<i>Stemonitis splendens</i> Rostaf.	M	Oo-murasakihokori	decayed wood
<i>Stemonitopsis gracilis</i> (Wingate ex G. Lister) Nann.-Bremek.	M	Chiyako-murasakihokori	
<i>Stemonitopsis typhina</i> var. <i>similis</i> (G. Lister) Nann.-Bremek. & Y. Yamam.	M	Hadaka-komurasakihokori	decayed wood
<i>Stemphylium</i> spp.	D		<i>Citrullus lanatus</i> (Thunb.) Matsum. et Nakai; <i>Abelmoschus esculentus</i> (L.) Moench
<i>Stereofomes palmicola</i> S. Ito & S. Imai	B	Biro-mannen-urokotake	stumps of <i>Livistona chinensis</i>
<i>Stereostratum corticioides</i> (Berk. & Broome) H. Magn.	B	Medake-akagoromobyoukin	<i>Pleioblastus simonii</i> Nakai
<i>Stereum boninense</i> Yasuda	B	Shima-urokotake	
<i>Stereum japonicum</i> Yasuda	B	Yamato-urokotake	bark
<i>Stereum obliquulum</i> S. Ito & S. Imai	B	Shita-uroko-modoki	dead wood
<i>Stereum obliquum</i> Mont. & Berk.	B	Shita-uroko-take	dead twigs; branches
<i>Stereum odoratum</i> (Fr.) Fr.	B	Nioi-urokotake	
<i>Stereum surinamense</i> Lév.	B	Sakazuki-urokotake	dead twigs
<i>Sticta argyracea</i> Delise	A		



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
h	TNS-F-172528; TNS-F-237341	Hongo, 1978
c; h	140-1-9--13	Sato et al., 1991; Sato, 1987a,b
c; h		Sato et al., 1991
c	CBS 9041	Hamamoto et al, 2002
c; h; (b)	CBS 9038	Hamamoto et al, 2002
h; (b)	CBS 9040	Hamamoto et al, 2002
b		Inoue, 1970
k		Tokumasu, 1985
c		Sato et al., 1991
h		Yamamoto and Degawa, 2009
h		Yamamoto and Degawa, 2009
c; h; j		Yamamoto and Nagao, 1998
h		Yamamoto and Degawa, 2009
c; h		Yamamoto and Degawa, 2009; Yamamoto and Nagao, 1998
h	228-1-22	Sato et al., 1991; Sato, 1990
		Ito and Imai, 1940b
c; o	TNS-F-30854--30859; TNS-F-30916--30917	Sato et al., 1991
b		Kobayasi, 1937d; Yasuda, 1919a
b	<b>TNS-F-203033*</b>	Kobayasi, 1937d; Yasuda, 1919b
h		Ito and Imai, 1940b
c		Ito and Imai, 1940b
b		Kobayasi, 1937d; Yasuda, 1916c
c		Ito and Imai, 1940b
c		Kurokawa, 1969

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<i>Stilbella clavulata</i> (Mont.) Seifert	D		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.; <i>Cocos nucifera</i> L.; decayed wood
<i>Stilbella</i> spp.	D		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.; <i>Agave americana</i>
<i>Stylopage</i> sp.	Z		
<i>Suillus bovinus</i> (Pers.)	B	Amitake	
<i>Suillus granulatus</i> (L.) Roussel	B	Chichi-awatake	<i>Pinus luchuensis</i> Mayr; (forests of <i>Pinus liuchuensis</i> )
<i>Talaromyces helicus</i> var. <i>boninensis</i> Yaguchi & Udagawa	A		soil
<i>Talaromyces</i> sp.	A		
<i>Tapinella panuoides</i> (Batsch) E.-J. Gilbert	B	Ichoutake	
<i>Tetrachaetum elegans</i> Ingold	D		
<i>Thecaphora fimbristylidis</i> Mundk. & Thirum.	B		<i>Fimbristylis longispica</i> Steud. var. <i>hahajimensis</i> Ohwi
<i>Thelotrema boninense</i> Tat. Matsumoto	A		<i>Pandanus boninensis</i>
<i>Thozetella cristata</i> Piroz. & Hodges	D		
<i>Tinctoporellus</i> sp.	B		<i>Ardisia sieboldii</i> Miq.
<i>Trametes lactinea</i> (Berk.) Pat.	B		<i>Schima wallichii</i> (DC.) Korth.; <i>Ficus elastica</i> Roxb.; <i>Pandanus odoratissimus</i> ; <i>Rhaphiolepis integerrima</i> Hook. & Arn.; <i>Calophyllum inophyllum</i> ; <i>Pandanus boninensis</i>
<i>Trametes muelleri</i> Berk.	B	Kawarake-take	dead wood
<i>Trametes rhodophaea</i> (Lév.) Corner	B	Oo-surumetake	<i>Elaeocarpus photiniaefolius</i> Hook. et Arn.
<i>Trametes</i> sp. = <i>Microporus vernicipes</i> (Berk.) Kuntze	B	Wanisutake	<i>Elaeocarpus photiniaefolius</i> Hook. et Arn.; <i>Ardisia sieboldii</i> Miq.
<i>Trametes villosa</i> (Sw.) Kreisel	B	Hurui-kawaratake	<i>Elaeocarpus photiniaefolius</i> Hook. et Arn.
<i>Trechispora alnicola</i> (Bourdot & Galzin) Liberta	B		decaying wood of a broad-leaved tree
<i>Trechispora dimitica</i> Hallenb.	B		decaying branch of a broad-leaved tree
<i>Trechispora nivea</i> (Pers.) K.H. Larss.	B		decaying wood of a broad-leaved tree
<i>Tremella boninensis</i> (Kobayasi) S. Ito & S. Imai	B	Ogasawara-kin-hanabiratake	broadleaf trees
<i>Tremella samoensis</i> Lloyd	B		
<i>Tremella samoensis</i> Lloyd var. <i>boninensis</i> Kobayasi	B	Ogasawara-kinhanabiratake	<i>Ardisia sieboldii</i>
<i>Trichaptum abietinum</i> (Dicks.) Ryvarden	B	Shihaitake	<i>Pinus luchuensis</i> Mayr

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h		Sato et al., 1991
c		Sato et al., 1991
b		Inoue, 1970
b		Neda and Sato, 2008
c; h; o	MAFF435159; TNS-F-174733; TNS-F-174746; TNS-F-228440; TNS-F-234185; TNS-F-234186; TNS-F-234189	Neda and Hattori, 1991; Hongo, 1977
c; h		Yaguchi et al., 1992
b		Inoue, 1970
b		Neda and Sato, 2008
b		Inoue, 1970
h		Harada, 1979
h		Matsumoto 2000
k		Tokumasu, 1985
c; h		Neda and Hattori, 1991
c; h; r; u	TNS-F-201128; TNS-F-201242; TNS-F-201250; TNS-F-227631	Neda and Hattori, 1991
c; (b)	TNS-F-202090	Ito and Imai, 1940b
h		Neda and Hattori, 1991
h		Neda and Hattori, 1991
h		Neda and Hattori, 1991
h		Maekawa, 1999
h		Maekawa, 1999
h		Maekawa, 1999
c; h	TNS-F-10260; TNS-F-227423; TNS-F-227472	Neda and Hattori, 1991; Ito and Imai, 1940b
c	TNS-F-10260	
c	TNS-F-24740	
c; h		Neda and Hattori, 1991

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<i>Trichia favoginea</i> var. <i>persimilis</i> (P. Karst.) Y.	M	Toge-kehokori	
<i>Trichia persimilis</i> P. Karst.	M	Toge-kehokori	decayed wood
<i>Trichocladium cylindroclavatum</i> Matsush.	D		
<i>Trichocoma paradoxa</i> Jungh.	A	Mayuhaki-take	dead wood
<i>Trichoderma harzianum</i>	D		
<i>Trichoderma</i> spp.	D		decayed wood; <i>Pinus luchuensis</i> Mayr; fallen leaves; <i>Angiopteris lygodiifolia</i> Ros.; <i>Mycena cyanophos</i> Berk. & M.A. Curtis
<i>Trichoderma virens</i> (J.H. Mill., Giddens & A.A. Foster)	D		water (stream)
<i>Tricholoma giganteum</i>	B	Niou-shimeji	soil
<i>Tricholoma periporphyrum</i> Berk. & M.A. Curtis	B		
<i>Tricholomopsis sasae</i> Hongo	B	Sasa-akagetake	stump of bamboo
<i>Trichophaea gregaria</i> (Rehm) Boud. var.	B		
<i>Trichothecium</i> spp.	D		<i>Elaeagnus rotundata</i> (Maxim.) Nakai
<i>Triscelophorus monosporus</i> Ingold	D		
<i>Trypetheliopsis boninensis</i> Asahina	A	Aka-tikubi-goke	
<i>Trypethelium boninense</i> Kurok.	A		
<i>Tubercularia lateritia</i> (Berk.) Seifert	D		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.; <i>Ardisia sieboldii</i> Miq.; decaying wood
<i>Tubercularia</i> sp.	D		<i>Elaeagnus rotundata</i> (Maxim.) Nakai
<i>Tuberculina</i> sp.	D		<i>Aecidium elaeagni</i> Dietel
<i>Tubeufia aciculospora</i> Katum. & Y. Harada	A		Box-leaved syzygium
<i>Tubulifera dimorphotheca</i> (Nann.-Bremek. & Loer.)	M	Komochi-kudahokori	decayed wood
<i>Tubulifera microsperma</i> (Berk. & M.A. Curtis) Lado	M	Etsuki-kudahokori	
<i>Uredinopsis pteridis</i> Dietel & Holw.	B	Warabi-sabibyoukin	<i>Pteridium aquilinum</i> (L.) Kuhn. var. <i>latiusculum</i>
<i>Uredo asperata</i> Berk. & M.A. Curtis	B		leaves of <i>Xanthoxylum</i>
<i>Uredo derridicola</i> Arthur & Cummins	B	Derris-sabibyoukin	<i>Derris elliptica</i> (Wall.) Benth.
<i>Uredo morifolia</i> Sawada	B	Shima-guwa-, Ogasawara-guwa- sabibyoukin	<i>Morus australis</i> Poir.; <i>Morus boninensis</i> Koidz.
<i>Uredo</i> sp.	B	Higesuge-sabikin	<i>Carex oahuensis</i> C.A.Mey. var. <i>bongardii</i> (Boott) Franch. & Sav.

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h		Yamamoto and Degawa, 2009
h		Yamamoto and Nagao, 1998
k		Tokumasu, 1985
c		Ito and Imai, 1940b
k		Tokumasu, 1985
c; h		Sato et al., 1991; Sato, 1990
c	MAFF241880	
i	TNS-F-30762	
b		Neda and Sato, 2008; Kobayasi, 1937d
c; (b)	TNS-F-237671	Neda and Sato, 2008; Hongo, 1978
c	TNS-F-8128; TNS-F-51276--51277	
c; (b)		Sato et al., 1991; Sato, 1990; Inoue, 1970
b		Inoue, 1970
b		Asahina, 1937
c		Kurokawa, 1969
c; h	MAFF306125	Sato et al., 1991
c	144-1-26	
c		Sato et al., 1991; Sato, 1990
c		Katumoto and Harada, 1979
c		Yamamoto and Nagao, 1998
c; h		Yamamoto and Degawa, 2009
c	TNS-F-31018--31022	Sato et al., 1991
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
c; h	TNS-F-30626; TNS-F-30734; TNS-F-30755; TNS-F-30833--30843	Sato et al., 1991; Sato, 1987a,b; Harada and Katumoto, 1981
c; h; m; u	TNS-F-30617; TNS-F-30622; TNS-F-30735; TNS-F-30754; TNS-F-30946--30950; TNS-F-30992--31005	Sato et al., 1991; Sato, 1987a,b; Harada, 1979
c; h		Harada, 1979; Sato et al., 1991

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<i>Uredo</i> sp.	B	Waniguchi-modama-sabikin	<i>Mucuna gigantea</i> (Willd.) DC.
<i>Uromyces bidenticola</i> Arthur	B	Shirobana-sendangusa-sabikin	<i>Bidens pilosa</i> L. var. <i>minor</i> (Blume) Sherff.
<i>Uromyces kawakamii</i> Syd. & P. Syd.	B	Hai-nishikiso-sabikin	<i>Chamaesyce prostrata</i> (Aiton) Small.
<i>Uromyces proëminens</i> (DC.) Lévl.	B		<i>Groundfig</i> spurge
<i>Uromyces setariae-italicae</i> Yoshino	B	Murasaki-nokibi-sabikin	<i>Eriochloa procera</i> C. H. Hubb.
<i>Uromyces wedeliae</i> Henn.	B	Kidachi-hamaguruma-sabikin	<i>Wedelia biflora</i> DC.
<i>Usnea hondoensis</i> Asahina	A		
<i>Usnea japonica</i> Vain.	A		
<i>Ustilago scitaminea</i> Syd.	B	Satoukibi-kurohobyoukin	<i>Miscanthus condensatus</i> Hack.; <i>Saccharum officinarum</i> L.; <i>Miscanthus sinensis</i> Anderss. var. <i>condensatus</i> (Hack.) Makino; <i>Miscanthus sinensis</i> var. <i>condensatus</i>
<i>Ustilina deusta</i> (Hoffm.) Lind	A		
<i>Verrucostoma freycinetiae</i> Hirooka, Tak. Kobay. & Chaverri	A		<i>Freycinetia boniense</i> Nakai
<i>Verticicladium</i> sp.	D		
<i>Verticillium hahajimaense</i> Ts. Watan.	D		forest soil
<i>Verticillium</i> spp.	D		<i>Chrysalidocarpus lutescens</i> (Bory) Wendl.; fallen leaves
<i>Volutella</i> spp.	D		<i>Ardisia sieboldii</i> Miq.; <i>Chrysalidocarpus lutescens</i> (Bory) Wendl.
<i>Volvaria bombycina</i> (Pers.) P. Kumm.	B	Kinu-o-hukurotake	dead wood
<i>Volvaria microspila</i> (Berk. & M.A. Curtis) Sacc.	B	Munin-hime-fukurotake	rotten wood
<i>Volvariella microspila</i> (Berk. & M.A. Curtis) S. Ito	B	Munin-hime-hukurotake	
<i>Volvariella volvacea</i> (Bull.) Singer	B	Hukurotake	compost; wood chips
<i>Wiesneriomyces javanicus</i> Koord.	D		forest soil
<i>Williopsis californica</i> (Lodder) Krassiln.	A		soil
<i>Xenostelesakamotoi</i> (Hirats. f. & Yoshin.) S. Ito & Muray.	B	Shima-isunoki-sabikin	<i>Distylium lepidotum</i> Nakai

Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
h	TNS-F-30922	
c; h	TNS-F-30620; TNS-F-30624--30625; TNS-F-30628; TNS-F-30665; TNS-F-30677; TNS-F-30725; TNS-F-30733; TNS-F-30739--30740; TNS-F-31105--31109; TNS-F-31111--31112	Sato et al., 1991
c; h	TNS-F-30615--30616; TNS-F-30726; TNS-F-30728; TNS-F-31076--31081	Sato et al., 1991
c; h		Harada, 1979
c	TNS-F-30601; TNS-F-30642; TNS-F-30763--30774	
h	TNS-F-30941--30945	Sato et al., 1991
c		Kurokawa, 1969
c; h		Kurokawa, 1969
c; h	140-1-27--31; 247-1-7--9; MAFF306093; MAFF305691--305692; MAFF305709; MAFF306214--306226	Sato et al., 1991; Sato, 1990, 1987a,b; Harada, 1979
h	TNS-F-227799; TNS-F-227865; TNS-F-227880	
h	<b>MAFF240100*</b>	Hirooka et al., 2010
b		Inoue, 1970
h	<b>MAFF238172*</b>	Watanabe et al., 2001a,b
a; c; h; (b)		Sato et al., 1991; Inoue, 1970
c		Sato et al., 1991
h; (b)		Neda and Sato, 2008; Ito and Imai, 1940a
c		Ito and Imai, 1940a; Kobayasi, 1937d
b		Neda and Sato, 2008
c	MAFF305599	Neda and Hattori, 1991
h; (b)	MAFF238168	Watanabe et al., 2001a; Inoue, 1970
c	NBRC 100658; NBRC 100659	
a; c; h	TNS-F-30632; TNS-F-30660; TNS-F-30673; TNS-F-30722; TNS-F-30738; TNS-F-30844--30853	Sato et al., 1991

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<i>Xeromphalina</i> spp.	B		<i>Cyathea mertensiana</i> (Kunze) Copel. mertensiana (Kunze) Copel.; <i>Pinus luchuensis</i> Mayr
<i>Xeromphalina tenuipes</i> (Schwein.) A.H. Sm.	B	Birodo-enokitake	broadleaf tree; fallen trunks; branches of broad-leaved trees (shady forests); dead wood (moist forest); stump and fallen trunks
<i>Xerotus fragilis</i> Berk. & M.A. Curtis	B		decayed wood
<i>Xerula chrysopepla</i> (Berk. & M.A. Curtis) Singer	B	Daidaigasa	
<i>Xerulina chrysopepla</i> (Berk. & M.A. Curtis) Singer	B	Daidaigasa	fallen trunks; branches; twig of various broad-leaved trees; dead wood
<i>Xylaria anisopleura</i> (Mont.) Fr.	A	Hime-tsukushitake	
<i>Xylaria apiculata</i> Cooke	A	Fudetake	dead wood
<i>Xylaria arbuscula</i> Sacc.	A	Edauchi-kurosaiwai-take	dead wood
<i>Xylaria globosa</i> (Spreng. ex Fr.) Mont.	A	Hime-tsukushitake	dead wood
<i>Xylaria polymorpha</i> (Pers.) Grev.	A	Mamezayatake	broad leaved tree
<i>Xylaria tabacina</i> (J. Kickx f.) Berk.	A		
<i>Zaghouania phillyreae</i> Pat.	B	Shima-mokusei-sabikin	<i>Osmanthus insularis</i> Koidz.
<i>Zanclospora brevispora</i> S. Hughes & W.B. Kendr.	D		
<i>Zoophagus insidians</i> Sommerst.	Z		
<i>Zoophagus</i> sp.	Z		
<i>Zygosporium gibbum</i> (Sacc., M. Rousseau & E. Bommer) S. Hughes	D		
<i>Zygosporium masonii</i> S. Hughes	D		litter

1) A: Ascomycota, B: Basidiomycota, C: Chytridiomycota, D: Deuteromycota (Mitosporic Fungi), M: Mixomycota, O: Oomycota, S: Blastocladiomycota, Z: Zygomycota

2) a: Anijima isl., (b): Bonin islands (not specified island name), c: Chichijima isl., h: Hahajima isl., i: Iwojima isl., j: Mukojima, k: Kita-iwojima isl., m: Minami-iwojima isl., n: Naka-Iwojima, o: Ototojima isl., r: Hirashima isl., u: Mukohjima isl.



Collection location <sup>2)</sup>	Specimen and/or culture <sup>3)</sup>	Reference <sup>4)</sup>
c; h		Neda and Hattori, 1991
c; h; (b)	MAFF430407; TNS-F-182275; TNS-F-195073; TNS-F-228298; TNS-F-228446--228447	Neda and Hattori, 1991; Hongo, 1977
b		Kobayasi, 1937d; Berkeley and Curtis, 1860
c; h	TNS-F-234208--234210	
c; h	TNS-F-174728; TNS-F-174736; TNS-F-174740; TNS-F-174744; TNS-F-182284; TNS-F-182292--182293; TNS-F-237343; TNS-F-237346	Hongo, 1978
b	TNS-F-203249	Kobayasi, 1937d; Yasuda, 1916d
c; h	TNS-F-231483--231485	Ito and Imai, 1940b
h		Ito and Imai, 1940b
c		Ito and Imai, 1940b
h	228-1-19; MAFF305713; TNS-F-227755; TNS-F-227956	Sato, 1990
h	TNS-F-227707; TNS-F-227709	
a; c; h	TNS-F-30644; TNS-F-30659; TNS-F-30670; TNS-F-30672; TNS-F-30724; TNS-F-30860--30875; TNS-F-30880--30887	Sato et al., 1991; Hiratsuka and Hiratsuka, 1969; Hiratsuka, 1937
b		Inoue, 1970
b		Inoue, 1970
b		Inoue, 1970
k		Tokumasu, 1985
h		

3) MAFF: acronym of living cultures deposited in the NIAS Genebank, National Institute of Agrobiological Sciences, Japan; NBRC: National Institute of Technology and Evaluation, Biological Resource Center; TFM: Herbarium of Forest Mycology and Pathology, Forestry and Forest Products Research Institute; TNS-F-: dried specimens stocked in National Museum of Nature and Science, Japan; nnn-n-nn: herbarium specimens kept in National Institute for Agro-Environmental Sciences, Japan; Bold\*: Type specimen or Ex-type strain

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