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## Checklist of Aphylophorales from the Western Ghats of Maharashtra State, India

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During field surveys and visits, a rich mycobiota was observed in the tropical vegetation of the Western Ghats. The heavy rainfall and high humidity favours the growth of aphylophoraceous fungi. Investigations were carried out in 67 localities of Western Ghats including Pune, Bhimashankar, Mulshi-Dongarwadi, Karnala, Kankeshwar, Amboli and Satara areas and a total of 629 samples were studied. A checklist of the 256 species of aphylophoraceous fungi from Maharashtra State is provided including 170 species from 10 poroid families and 86 species from 20 non-poroid families. The ratio of resupinate to bracket-like type of fruit bodies is 60:40, and the white to brown rot ratio is 80:20. All the species are new records for the area. The collection sites are briefly described and the hosts are listed. An intensive search of literature records is reported. The checklist gives the total count of aphylophoraceous fungal diversity from Western Ghats of Maharashtra and it is also a valued addition for comparing aphylophoraceous diversity in the world.

**Key words** – Fungi – Basidiomycetes – semi-evergreen forest

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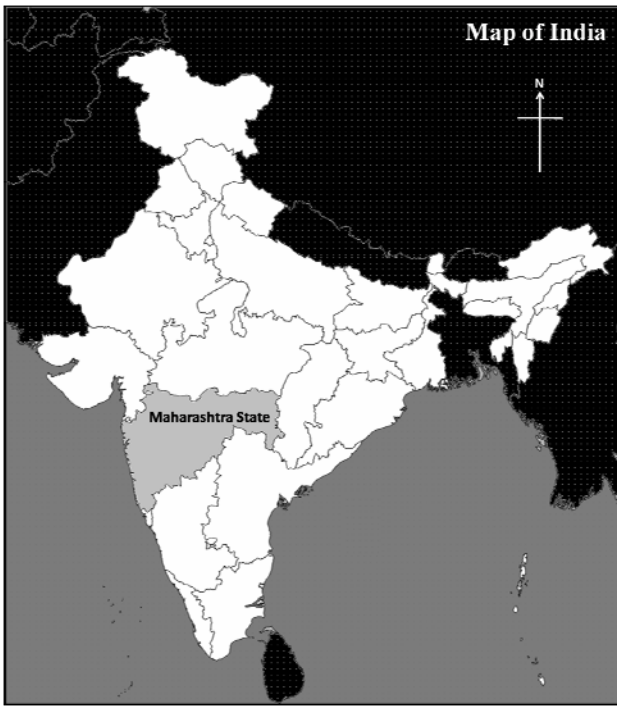
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### Introduction

Maharashtra State occupies a large portion of the Deccan Plateau in the western peninsular part of the Indian subcontinent. Its shape roughly resembles a triangle, with the 725 km western coastline forming the base and the interior narrowing to a blunt apex some 800 km to the east. It has an area of 307,713 square kilometres. It is bounded by the states of Gujarāt, Madhya Pradesh, Andhra Pradesh and Karnātaka (formerly Mysore) and on the west by the Arabian Sea. It is about 800 km east to west and 700 km north to south, lying between 16°4'–22°1' N and 72°6'–80°9' E. The State is

divided into high and low level tracts by Western Ghats, which run parallel to the western coast. The area of Western Ghats of Maharashtra known as 'Sahyadris' lies between 15°60'–20°75' N and 72°61'–74°40' E. The north-south run of Western Ghats is about 750 km and average breadth is 80 km. The presence of tropical rain forest at an altitude of 500–1500 m is a peculiar feature of this region (Fig. 1).

The flora of Maharashtra is well represented by dry deciduous, moist deciduous and semi-evergreen species in vegetation with climatic climax. Tropical plants have lingered



**Fig. 1** – Map of India showing Maharashtra State.

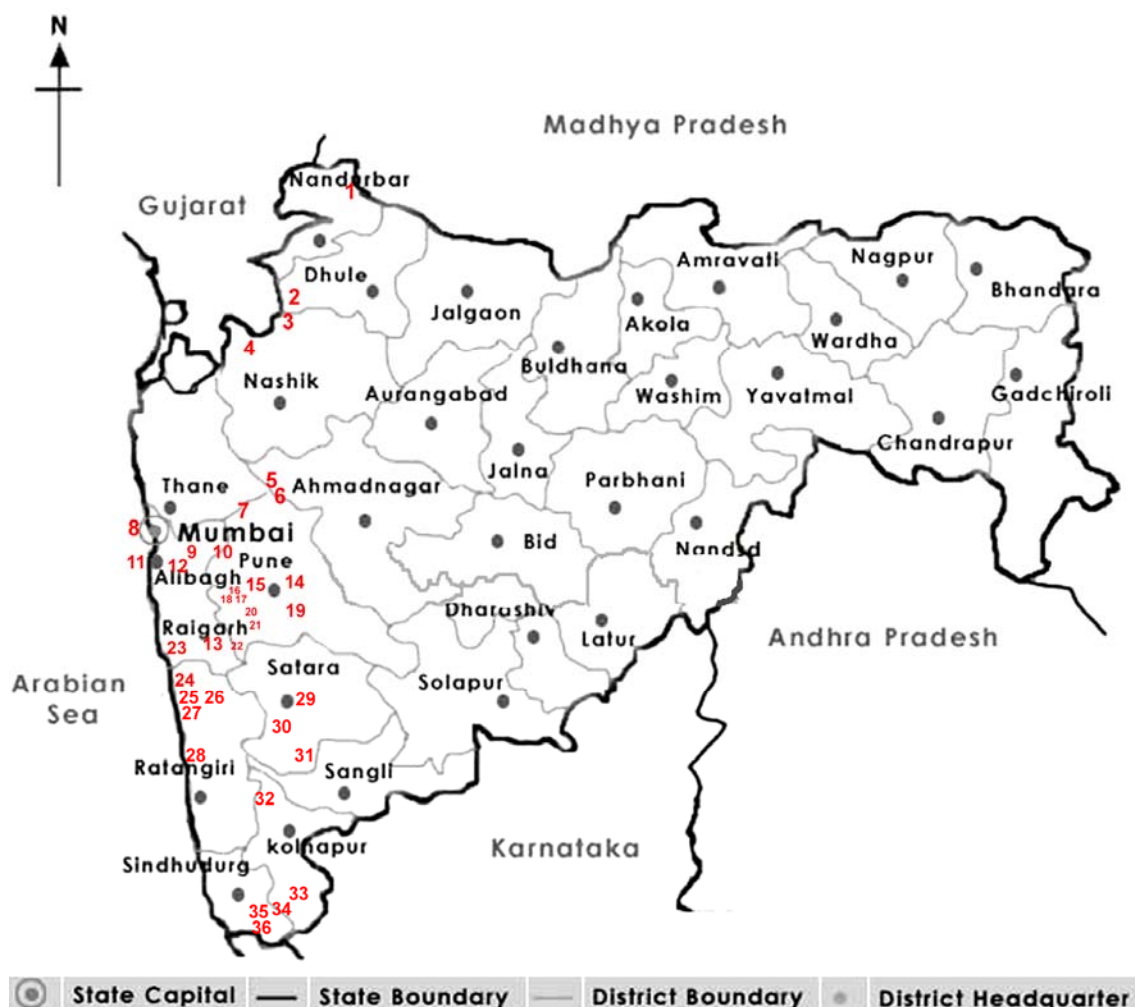
in semi-evergreen pockets while others have migrated towards South India. The temperate species have migrated to higher altitudes. Many species disappear from the Western Ghats due to uncertainty of rainfall and rise in temperature (Mahabale 1987). Meherhomji (1977) considered that the deciduous vegetation is of degenerate type.

The forest in Maharashtra State occupies 66,725 square kilometres, which is over 21.7 % of the area of India under forest. The forested areas in the state are distributed in three zones: western, northern and eastern. The western zone includes Western Ghats and its foothills; the northern zone comprises the Satpuras and the Melghat, and the eastern zone corresponds with Ramtek upland, Chiroli hills, Ahiri upland, Dewalmari hills and Nawegaon hills. No part of Maharashtra has a rainfall of less than 1000 mm (Dikshit 1989). Ecologically several types of forests can be identified in Maharashtra by taking into consideration the amount of rainfall and soil moisture in an area and the morphological characteristics of the member trees. The forests of Maharashtra can be placed in at least five categories: tropical evergreen hill forest, tropical moist deciduous forest, tropical dry deciduous forest, tropical thorn forest, and littoral and swamp forest.

### Study of Aphyllorphales in India

Studies on Aphyllorphales were initiated along with the launch of studies on Indian fungi. The first Indian record of a member of the Aphyllorphales can be traced to Koltzsch (1832) in his paper on Indian Polyporaceae. Later Berkeley (1839) described a few Indian polypores which were collected by W.J. Hooker. During the first quarter of the 20<sup>th</sup> century, Masee (1901, 1906, 1908, 1910) published several accounts of Indian fungi based on collections sent to Kew Herbarium by several workers, notably by Sir E.J. Butler (1905a,b,c,d, 1918). Several Indian Aphyllorphales were also reported by Lloyd (1898–1925) and Sydow et al. (1906, 1907, 1911, 1912, 1916). Theissen (1913a,b) reported many poroid Aphyllorphales collected from the Bombay presidency by Blatter. S.R. Bose (1919, 1923, 1924, 1925, 1927) was the first Indian mycologist to provide a comprehensive account of the Indian polypores which he collected from Bengal and its surroundings. Sundaramani & Madurajan (1925) reported several members of Polyporaceae from Madras, and by 1925 there were more than 300 reports on the Aphyllorphales (Fig. 2).

Butler & Bisby (1931) made a compilation of the Indian fungi in their classic work “The Fungi of India”. This important work stimulated the study of Indian fungi including Aphyllorphales. Our knowledge about the Indian Aphyllorphales was increased by the contributions of Bagchee & Bakshi (1950) Bagchee et al. (1954), Bakshi (1958, 1971), Bakshi et al. (1963), Puri (1956), Ramakrishan (1959), Rehill & Bashi (1965), Welden (1965), Reeves et al. (1967), Thind (1973, 1975), Sathe & Rahalker (1977), Rattan (1977), Thind & Dhanda (1978a,b), Anjali Roy (1979, 1981a,b, 1982, 1983, 1984, 1987), Harsh (1982), Natarajan & Raman (1980), Natarajan & Kolandavelu (1985), Vaidya (1987) Vaidya & Bhor (1990) Vaidya et al. (1991), Vaidya & Rabba (1993a,b), Rabba (1994), Sharma (1995) and Nanda (1996). Leelavathy & Ganesh (2000) published details of 80 species of polypores belonging to 32 genera from three families (Ganodermataceae, Hymenochaetaceae and Polyporaceae) in the book “Polypores of Kerala”.



**Fig. 2** – Map of Maharashtra State, with collecting localities.

The earliest reports of hymenochaetaceous fungi from India date back to Montagne (1842, 1846), Lloyd (1898–1925) and Theissen (1911). Later papers were published by Bose (1924, 1925, 1934, 1946), Bagchee et al. (1954), Bagchee (1961), Bagchee & Bakshi (1950), Bagchee & Singh (1954), Bakshi (1955), Bakshi et al. (1963), Banerjee (1935), Ganesh & Leelavathy (1986), Lowe (1963a,b), Pegler (1966, 1967a,b), Roy (1979), Ryvardeen & Dhanda (1975), Sharma (1993), Sharma & Ghosh (1989), Thind & Adlakha (1956), Thind & Chatrath (1960), Thind & Dhanda (1978a,b), Thind & Rattan (1971a,b,c 1973a,b) and Thind et al. (1970).

Rattan (1977) published a book entitled “The Resupinate Aphyllophorales of the North Western Himalayas”. A good piece of work was done by Sharma (1995) on “Hymenochaetaceae of India”. Special efforts were taken to publish the book entitled “Genera of Indian

Polypores” by Sharma (2000), who gave an idea about the diversity of polypores from India. The manual entitled “Polyporaceae of India” by Anjali Roy & Asit De (1996) was based on exhaustive studies on fungi belonging to the family Polyporaceae collected from different parts of India during the preceding 40 years. Studies on resupinate Aphyllophorales were initiated along with the launch of studies on Indian fungi. Later Hennings (1901) published “Fungi India Orientalis”. However, in comparison with the work on non-poroid resupinate Aphyllophorales in the other states of India, there is very little information available on this group in the state of Maharashtra, particularly from Western Ghats. In fact, study of non-poroid resupinate Aphyllophorales largely remained neglected and there were only a few incidental reports of their occurrence. The first serious study was made by Bagchee & Bakshi (1954) who described 14 species. Six

more species were described by Thind & Adalakha (1956). Reid et al. (1959) and Rehill & Bakshi (1965, 1966) in their generic monographs recognised one species of *Peniophora*, seven species of *Corticium* and 18 species of *Stereum* as validly reported from the area, while four more species were added by Thind & Rattan (1971a,b). In addition, there are other scattered reports of a few species in such genera as *Pellicularia*, *Hymenochaete*, and *Coniophora*. Thind & Rattan (1968, 1970a,b, 1971a,b,c, 1972, 1973a,b) described 59 species (under Thelephoraceae) including 36 new records and 6 new species while Thind & Khara (1968) and Khara (1978a,b) recorded 24 more species (under Hydnaceae) including one new species, from the North Western Himalayas. A few additions were made by Natarajan & Kolandavelu (1985) on resupinate Aphyllophorales from South India, Naik (1990) on wood rotting fungi from Karnala and Kankeshwar, Rabba (1994) on the genus *Phellinus* from Maharashtra, and Manjeet (1996) on wood rotting fungi from Bhimashankar.

The bibliography includes those references which were used for identification of genera and species mentioned in the checklist. Detailed description of the genus, species, their key and databases will be published elsewhere in a website and the forthcoming book entitled "Aphyllophoraceous fungi from Maharashtra" by Vaidya & Ranadive (Table 1).

### Preservation of herbarium specimens

Specimens collected by students of late Prof. (Dr) J.G. Vaidya are maintained in the Mycology Laboratory of Department of Botany, University of Pune in mycology section under abbreviations as given on page 94. All specimens were air dried at 30–35°C.

The poroid and non-poroid fungi were identified by a team of Ph.D. and M.Phil. scholars working under the guidance of late Prof. (Dr) J.G. Vaidya, namely Dr Prasad S. Lamrood, Dr Mohammad Hakimi, Dr Mulchand Rathod, Dr Shekhar Bhosale, Dr Arvind Rabba, Miss Girija Deshpande, Dr Abdolreza Forutan, Dr Manjeet Kaur and Dr Charusheela Naik-Vaidya (Table 2).

### List of poroid and non-poroid aphyllophoraceous fungi

Abbreviations used: **VH** – Vaidya Hakimi, **VN** – Vaidya Naik, **VM** – Vaidya Manjit, **VA** – Vaidya Arvind, **VN NPO** – Vaidya Naik Non-Poroid, **GA** – *Ganoderma*, **PH** – *Phellinus*, **PUC** – Pune University campus, **RPO** – Rathod Poroid.

***Aleurodiscus aberrans*** G. Cunn., 1956 (Stereaceae)

*Acanthophysium aberrans* (G. Cunn.) G. Cunn., 1963

On *Capparis zeylanica*, *Mangifera indica*, Baneshwar, Bhimashankar, VM NPO 327.

***Aleurodiscus ahmadii*** (Boidin) Boidin, Terra & Lanquetin, 1968 (Stereaceae)

*Xylobolus ahmadii* (Boidin) Boidin, 1958

On *Calicopteris floribunda*, Karnala, VN NPO 29.

***Aleurodiscus apricans*** Bourdot, 1910 (Stereaceae)

*Acanthophysium apricans* (Bourdot) G. Cunn., 1963

*Xylobolus apricans* (Bourdot) Sheng H. Wu, Boidin & C.Y. Chien, 2000

On *Mangifera indica*, Kankeshwar, VN NPO 17, VN NPO 87, VH NPO 611.

***Aleurodiscus cremeus*** Pat., 1915 (Stereaceae)

On *Mallotus philippinensis*, Guhagar, VH NPO 273.

***Amylocorticium cebennense*** (Bourdot) Pouzar, 1959 (Amylocorticiaceae)

On *Artocarpus integrifolia*, Poultry Trainee Center, Pune, VH NPO 73.

***Amylocorticiellum molle*** (Fr.) Sprin & Zmitr., 2002 (Amylocorticiaceae)

*Leucogyrophana mollis* (Fr.) Parmasto, 1967

On *Ficus benjamina*, Film Institute, Pune, VH NPO 263.

***Amylostereum laevigatum*** (Fr.) Boidin, 1958 (Amylostereaceae)

On *Albizia lebbek*, Botany Department, Pune University, Baneshwar, VH-NPO 584, C-15.

**Table 1.** Key localities of collections.

Collection sites	Latitude Longitude	Temperature (°C)	Vegetation type	Dominant plant species
Bhimashankar	19° 11' N, 73° 31' E	5–7	Mixture of semi-evergreen and moist deciduous forests with few patches of evergreen vegetation in deep ravines	<i>Memecylon umbellatum</i> , <i>Syzygium cumini</i> , <i>Actinodaphne angustifolia</i>
Kankeshwar (near Alibag)	18° 33' N, 72° 50' E	14.3–33.7	Top hills show semi-evergreen forest with some moist deciduous plants. Mixture of semi-evergreen and moist deciduous forests with few isolated patches of evergreen vegetation in deep ravines	<i>Saraca indica</i> , <i>Tectona grandis</i> , <i>Bridelia retusa</i> , <i>Garuga pinnata</i> , <i>Mangifera indica</i> , <i>Ficus retusa</i> , <i>Ficus rumphi</i> , <i>Caryota urens</i> , <i>Zizyphus oenoplia</i> , <i>Gardenia resinifera</i>
Karnala	18° 53' N, 73° 7' E	14.3–33.7	Mixture of semi-evergreen and moist deciduous forests with few isolated patches of evergreen vegetation in deep ravines.	<i>Terminalia paniculata</i> , <i>Lagerstromia lanceolata</i>
Mulshi Mulshi- Dongarwadi	18° 29' N, 73° 25' E	10–38	Scrub, semi-evergreen and in some places patches of typical evergreen.	<i>Terminalia crenulata</i> , <i>Terminalia bellerica</i> , <i>Careya arborea</i>
Pune University Campus	18° 34' N, 75° 53' E	10–38 (rarely 43)	Campus with exotic wood land type vegetation of <i>Dalbergia melanoxylo</i> (plantation)	<i>Dalbergia melanoxylo</i> dominant. <i>Ficus benghalensis</i> , <i>Peltophorum ferrugineum</i> , <i>Eucalyptus globus</i> , <i>Tamarindus indica</i>

*Anomoporia dumontii* Hjortstam & Ryvarde, 1987 (Fomitopsidaceae)

On *Samanea saman*, Pune Sambhaji Park, VH NPO 300.

*Antrodia albida* (Fr.) Donk, 1966 (Fomitopsidaceae)

On *Pongamia glabra*, Karnala, VH PO 53.

*Antrodia oleracea* (R.W. Davidson & Lombard) Ryvarde, 1980 (Fomitopsidaceae)

On *Garuga pinnata*, Karnala, VH PO 121.

*Auriporia aurulenta* A. David, Tortič & Jelić, 1975 (Fomitopsidaceae)

On *Cassine glauca*, Dongarwadi, VH PO 561.

*Auriporia aurea* (Peck) Ryvarde, 1973 (Fomitopsidaceae)

On *Actinodaphne angustifolia*, Bhimashankar, VM PO 146.

*Boidinia furfuracea* (Bres.) Stalpers & Hjortstam, 1982 (Russulaceae)

*Gloeocystidiellum furfuraceum* (Bres.) Donk, 1956

On *Adhatoda vasica*, *Samanea saman*, Kamala Nehru Park, Karnala, VH NPO 310, VH NPO 23.

*Botryohypochnus isabellinus* (Fr.) J. Erikss., 1958 (Botryobasidiaceae)

*Botryohypochnus anomalus* Hjortstam, 1983

On *Swietenia mahagony*, Sambhaji Park, VH NPO 293.

*Bulbillomyces farinosus* (Bres.) Jülich, 1974 (Meruliaceae)

*Peniophora farinosa* (Bres.) Höhnelt & Litschauer, 1908

On *Cassia* spp., Kondhwa, VH NPO 563.

*Candelabrochaete verruculosa* Hjortstam, 1983 (Phanerochaetaceae)

On *Tamarindus indica*, Panshet, VH NPO 597.

*Celatogloea simplicibasidium* (Lind. & Gilb.) P. Roberts, 2005 (incertae sedis)

*Laeticorticium simplicibasidium* Lind. & Gilb., 1977

On *Pongamia pinnata*, Pune University Campus, VH NPO 534

**Table 2.** Poroid and non-poroid families, and total number of genera and species.

Family	No. of Genera	No. of Species
Amylocorticiaceae	2	2
Amylostereaceae	1	1
Bondarzewiaceae	1	4
Botryobasidiaceae	1	1
Ceratobasidiaceae	1	1
Corticaceae	1	1
Cystostereaceae	1	1
Fomitopsidaceae	9	13
Ganodermataceae	1	35
Gloeocystidiellaceae	1	1
Gomphaceae	1	2
Hericiaceae	1	1
Hydnodontaceae	4	5
Hymenochaetaceae	6	67
Lachnocladiaceae	2	3
Lentariaceae	1	1
Meripilaceae	1	3
Meruliaceae	8	19
Peniophoraceae	4	11
Phanerochaetaceae	6	18
Polyporaceae	17	28
Russulaceae	2	2
Schizoporaceae	5	12
Stereaceae	5	17
Thelephoraceae	1	1
Tubulicrinaceae	1	1
Wrightoporiaceae	1	1
<b>Incertae sedis</b>	3	4
Total 28 families	Total 88 genera	Total 256 species

*Ceriporia leptoderma* (Berk. & Broome) Ryvarden, 1980 (Phanerochaetaceae)  
On *Syzygium cumini*, Bhimashankar, VM PO 307.

*Ceriporia mellea* (Berk. & Broome) Ryvarden, 1978 (Schizoporaceae)  
On *Capparis zeylanica*, Bhimashankar, VM PO 86, 90.

*Ceriporia xylostromatoides* (Berk.) Ryvarden, 1980 (Phanerochaetaceae)  
On *Mangifera indica*, Kankeshwar, VN PO 86.

*Cerrena unicolor* (Buill.) Murr., 1903 (Polyporaceae)  
On *Artocarpus heterophyllus*, Amboli, VH PO 787.

*Cristelloporia dimitica* I. Johans. & Ryvarden, 1979 (Hydnodontaceae)

On *Heterophragma* spp., Karnala, VN PO 36.

*Cystostereum murrayi* (Berk. & M.A. Curtis) Pouzar, 1959 (Cystostereaceae)  
On *Delonix regia*, Film Institute, Pune, VH NPO 261.

*Dacryobolus karstenii* (Bres.) Oberw. ex Parm. 1968 (Fomitopsidaceae)  
On *Drypetes venusta*, Bhimashankar, VM NPO 270.

*Daedalea africana* Ryvarden & I. Johan, 1980 (Fomitopsidaceae)  
On *Mangifera indica*, *Pongamia glabra*, *Terminalia tomentosa*, Karnala, Toranmal, RPO 10, 26, 37.

*Daedalea quercina* (L.) Pers., 1801 (Fomitopsidaceae)  
On *Garuga pinnata*, *Pongamia glabra*, Karnala, Peth Surgana, RPO 4, 30.

*Daedalea flavida* Lév., 1844 (Fomitopsidaceae)  
*Lenzites acuta* Berk., 1842  
*Lenzites adusta* Masee, 1910  
*Daedaleopsis flavida* (Lév.) A. Roy & A. Mitra, 1984  
On *Garuga pinnata*, *Mangifera indica*, *Pongamia glabra*, *Tectona grandis*, Karnala, Toranmal, Dang forest, RPO 128, 40, 07, 18, 15, 13.

*Daedaleopsis confragosa* (Bolton) J. Schröt., 1888 (Polyporaceae)  
On *Dendrocalamus* spp., Toranmal, Saputara Dang, RPO 29, 35, 222.

*Daedaleopsis dickinsii* (Berk. ex Cooke) Bondart., 1963 (Fomitopsidaceae)  
*Trametes incana* Lév., 1891  
On *Heterophragma* spp., Karnala, VN NPO 54.

*Daedaleopsis nipponica* Imazeki, 1943 (Polyporaceae)  
On *Eugenia jambolana*, *Mangifera indica*, Toranmal, Karnala, RPO 17, 210.

*Dendrothele acerina* (Pers.) P.A. Lemke, 1965 (Corticaceae)  
*Vuilleminia acerina* (Pers.) Parm., 1968

- On *Pongamia pinnata*, Lonawala, VH NPO 556.
- Dichomitus leucoplacus*** (Berk.) Ryvarden, 1977 (Polyporaceae)  
On *Tectona grandis*, Karnala, VN PO 65.
- Dichostereum rhodosporum*** (Wakef.) Boidin & Lanq., 1977 (Lachnocladiaceae)  
*Vararia rhodospora* (Wakef.) G. Cunn., 1953  
On *Thevetia* spp., Kankeshwar, VN NPO 90.
- Earliella scabrosa*** (Pers.) Gilb. & Ryvarden, 1985 (Polyporaceae)  
*Trametes scabrosa* (Pers.) G. Cunn., 1965  
On *Azadirachta indica*, *Holarrhena antidysenterica*, Amboli, Karnala, VH PO 726, VN PO 50.
- Fibriciellum silvae-ryae*** J. Erikss. & Ryvarden, 1975 (Hydnodontaceae)  
On *Allophylus cobbe*, Dongarwadi, VH NPO 647.
- Flavodon flavus*** (Klot.) Ryvarden, 1973 (Meruliaceae)  
On *Artocarpus heterophyllus*, Sambhaji Park, VH PO 105.
- Fomes chaquensis*** Iaconis & J.E. Wright, 1953 (Polyporaceae)  
*Phellinus chaquensis* (Iaconis & J.E. Wright) J.E. Wright & J.R. Deschamps, 1984  
On *Pongamia pinnata*, Saswad Road, PH 139.
- Fomitiporella caryophylli*** (Racib.) T. Wagner & M. Fisch., 2002 (Hymenochaetaceae)  
*Phellinus caryophylli* (Racib.) G. Cunn., 1965  
On *Anogeissus latifolia*, *Desmodium* spp., Surgana, 248, 260.
- Fomitiporella umbrinella*** (Bres.) Murr., 1907 (Hymenochaetaceae)  
*Phellinus umbrinellus* (Bres.) S. Herrera & Bondart., 1980
- On *Derris* spp., *Mangifera indica*, *Psidium guajava*, Bhimashankar, VA 137, 215, 356, 368.
- Fulvifomes nilgheriensis*** (Mont.) Bondart. & S. Herrera, 1992 (Hymenochaetaceae)  
*Phellinus nilgheriensis* (Mont.) G. Cunn., 1965  
On *Bauhinia purpurea*, Anjrine, PH 399.
- Ganoderma africanum*** (Lloyd) Doidge, 1950 (Ganodermataceae)  
On *Delonix regia*, Pune University Campus, Anjrine, GA 94, 419.
- Ganoderma amazonense*** Weir, 1926 (Ganodermataceae)  
On *Tectona grandis*, Karad, GA 149.
- Ganoderma boninense*** Pat., 1889 (Ganodermataceae)  
On *Delonix regia*, Pune University Campus, GA 97.
- Ganoderma chaliceum*** (Cooke) Steyaert, 1967 (Ganodermataceae)  
On *Areca catechu*, *Azadirachta indica*, *Pongamia pinnata*, *Tamarindus indica*, Shivajinagar Pune, Guhagar, Anjrine, Baneshwar, Pune University Campus, GA 39, 338, 395, 128, 82.
- Ganoderma chaliceum*** var. *pleiotrichum* Corner 1983 (Ganodermataceae)  
On *Tamarindus indica*, *Tectona grandis*, Pune University Campus, Kondhona, GA 79, 116.
- Ganoderma concinnum*** Ryvarden, 2000 (Ganodermataceae)  
On *Dalbergia sisso*, Pune University Campus, GA 88.
- Ganoderma cupreolaccatum*** (Kalchbr.) Z. Igmándy, 1968 (Ganodermataceae)  
*Ganoderma pfeifferi* Bres., 1889  
On *Mangifera indica*, Anjrine, GA 416.
- Ganoderma curtisii*** (Berk.) Murr., 1908 (Ganodermataceae)  
On *Gliricidia sepium*, Range Hill Pune, GA 18.



- Ganoderma dejongii*** Steyaert, 1972 (Ganodermataceae)  
On *Ficus benjamina*, *Mangifera indica*, Shrivardhan, Dapoli-Harne Road, GA 182, 360.
- Ganoderma donki*** Steyaert, 1972  
On *Annona reticulate*, Dapoli-Harne Road, GA 362.
- Ganoderma fulvellum*** Bres., 1889 (Ganodermataceae)  
On *Areca catechu*, *Artocarpus integrifolia*, Anjrne, Dabhol, GA 378, 357.
- Ganoderma lipsiense*** (Batsch) G.F. Atk., 1908 (Ganodermataceae)  
*Ganoderma applanatum* (Pers.) Pat., 1889  
On *Areca catechu*, *Casuarina equisetifolia*, *Phoenix sylvestris*, Government Nursery PUC, Anjrne, Poultry Trainee Centre, Pune, Empress Park Pune, GA 19, 20, 378, 07, 10, 02.
- Ganoderma lobatoideum*** Steyaert, 1980 (Ganodermataceae)  
On *Delonix regia*, Pune University Campus, GA 377.
- Ganoderma lobatum*** (Schw.) G.F. Atk., 1908 (Ganodermataceae)  
On *Areca catechu*, *Delonix regia*, Anjrne, Pune University Campus, GA 93, 378.
- Ganoderma lucidum*** (Curtis) P. Karst., 1881 (Ganodermataceae)  
*Ganoderma ostreatum* Lazaro Ibiza, 1916  
*Ganoderma pseudoboletus* (Jaq.) Murr., 1902  
On *Artocarpus integrifolia*, *Caesalpinia coriaria*, *Casuarina equisetifolia*, *Cocos nucifera*, *Mangifera indica*, Bhandarkar Road institute, PUC, Thamini, Guhagar, Sinhagad, Anjrne, GA 38, 74, 160, 330, 111, 428.
- Ganoderma lucidum* var. *lucidum*** (Curtis) P. Karst., 1881 (Ganodermataceae)  
On *Citrus aurantium*, Pimple Dhumal, Pune, GA 13.
- Ganoderma luteicinatum*** Corner, 1983 (Ganodermataceae)  
On *Delonix regia*, Empress Park, Pune, Shrivardhan, GA 08,178.
- Ganoderma microsporium*** R.S. Hseu, 1989 (Ganodermataceae)  
On *Artocarpus heterophyllus*, Dapoli, GA 220.
- Ganoderma mirabile*** (Lloyd) C.J. Humphrey, 1938 (Ganodermataceae)  
On *Areca catechu*, *Delonix regia*, *Ficus benghalensis*, Dapoli, Koyna, Anjrne, GA 60, 250, 417.
- Ganoderma multicornum*** Ryvardeen, 2000 (Ganodermataceae)  
On *Azadirachta indica*, *Delonix regia*, Government Nursery PUC, Pune University Campus, GA 28, 44.
- Ganoderma multiplicatum*** (Mont.) Pat., 1889 (Ganodermataceae)  
On *Holoptelea integrifolia*, *Tamarindus indica*, Pulgate, Government Nursery PUC, GA 12, 27.
- Ganoderma orbiformum*** (Fr.) Ryvardeen, 2000 (Ganodermataceae)  
On *Delonix regia*, *Leucaena latisiliqua*, Pune University Campus teacher quarter J,K, L, PUC, GA 15, 90.
- Ganoderma perzonatum*** Murr., 1908 (Ganodermataceae)  
On *Tamarindus indica*, Pune University Campus, main gate, GA 03.
- Ganoderma philippii*** (Bres. & Henn. ex Sacc.) Bres., 1932 (Ganodermataceae)  
On *Albizzia lebbek*, *Mangifera indica*, Elis Garden pond PUC, Anjrne, Dabhol, GA 04, 351, 409.
- Ganoderma resinaceum*** Boud., 1890 (Ganodermataceae)  
*Ganoderma praelongum* Murrill, 1908  
On *Areca catechu*, *Delonix regia*, *Leucaena latisiliqua*, Pune University Garden, Bhoogaon, Anjrne, GA 36, 08, 37, 372.
- Ganoderma sessiliforme*** Murr., 1912 (Ganodermataceae)



On *Pongamia pinnata*, Karnala, Panvel, Mumbai, Sinhagad, Pune University Campus, GA 21, 325.

***Ganoderma stipitatum*** (Murr.) Murr., 1908 (Ganodermataceae)

On *Delonix regia*, *Tamarindus indica*, next to MBA dept PUC, Empress Park Pune, Anjrne, GA 07, 10, 94, 419.

***Ganoderma subincrustedum*** Murr., 1908 (Ganodermataceae)

On *Dalbergia melanoxylon*, Empress Park Pune, GA 12.

***Ganoderma testaceum*** (Lév.) Pat., 1889 (Ganodermataceae)

On *Artocarpus heterophyllus*, *Peltophorum ferruginum*, Lonawala Railway Station, Pashan, Guhagar, GA 22, 333.

***Ganoderma tornatum*** (Pers.) Bres., 1912 (Ganodermataceae)

On *Artocarpus integrifolia*, *Cocos nucifera*, *Gliricidia sepium*, Dapoli-Harne Road, Empress Park Pune, Chandgadth-Hirenkesh, GA 185, 187, 45.

***Ganoderma trengganuense*** Corner, 1983 (Ganodermataceae)

On *Dalbergia melanoxylon*, Empress Park, Pune, GA 11.

***Ganoderma trulliforme*** Steyaert, 1972 (Ganodermataceae)

On *Delonix regia*, *Ficus* spp., Lonawala, Dapoli, GA 42, 210.

***Ganoderma vanheurnii*** Steyaert, 1972 (Ganodermataceae)

On *Ficus benjamina*, *Tamarindus indica*, Pune University Campus, Shrivardhan, GA 376, 84.

***Ganoderma williamsianum*** Murr., 1907 (Ganodermataceae)

On *Areca catechu*, Dapoli-Dabhol Road, GA 334.

***Ganoderma zonatum*** Murr., 1902 (Ganodermataceae)

On *Areca catechu*, Guhagar, GA 335.

***Gloeocystidiellum fistulatum*** (G. Cunn.) Boidin, 1966 (Stereaceae)

On *Bauhinia purpurea*, Pune University Campus, VM NPO 496.

***Gloeocystidiellum flammeum*** Boidin, 1966 (Stereaceae)

On *Drypetes venusta*, Khed, VH NPO 230.

***Gloeocystidiellum insidiosum*** (Bourdot & Galzin) Donk, 1956 (Stereaceae)

On *Memecylon umbellatum*, Amba Ghat, Satara, VH NPO 782.

***Gloeocystidiellum kenyense*** Hjortstam, 1987 (Stereaceae)

On *Ficus benjamina*, Pune University Campus, VH 52.

***Gloeocystidiellum lactescens*** (Berk.) Boidin, 1951 (Peniophoraceae)

On *Acacia nilotica*, Guhagar, VH NPO 333, VM NPO 333.

***Gloeocystidiellum laticolor*** (Bres.) Stalpers & Hjortstam, 1982 (Gloeocystidiellaceae)

On *Ficus benghalensis*, Pune University Campus, VH NPO 529.

***Gloeocystidiellum leucoxanthum*** (Bres.) Boidin, 1951 (Stereaceae)

On *Azadirachta indica*, Amba Ghat, VH 784.

***Gloeocystidiellum luridum*** (Bres.) Boidin, 1951 (Stereaceae)

On *Artabotrys odoratissimus*, *Samania saman*, Film Institute, Pune, Botany Department Garden PUC, VH NPO 267, C 13.

***Gloeocystidiellum porosellum*** Hjortstam, 1984 (Stereaceae)

On angiosperm wood, Karnala, VN NPO 89.

***Gloeocystidiellum porosum*** (Berk. & M.A. Curtis) Donk, 1931 (Stereaceae)

On *Mangifera indica*, Bhimashankar, VM NPO 324.

- Gloeocystidiellum sulcatum*** (Rehill & B.K. Bakshi) Boidin, 1966 (Stereaceae)  
On *Annona squamosa*, *Heterophragma* spp., Pune University Campus, Karnala, VH NPO 513, VN NPO 95.
- Gloeocystidiellum turpe*** G.W. Freeman, 1981 (Stereaceae)  
On *Gliricidia sepium*, Pune-Panchwati, VH NPO 66.
- Gloiothele citrina*** (Pers.) Ginns & G.W. Freeman, 1994 (Peniophoraceae)  
*Gloeocystidiellum citrinum* (Pers.) Donk, 1956  
On *Dalbergia melanoxydon*, *Gliricidia sepium*, *Sterculia guttata*, Panshet, Botany Department PUC, Bhimashankar, VH NPO 69, C-1, VM NPO 263.
- Gloeopeniophorella convolvens*** (P. Karst.) Boidin, Lanq. & Gilles, 1997 (Stereaceae)  
*Gloeocystidiellum convolvens* (P. Karst.) Donk, 1956  
On *Artocarpus heterophyllus*, *Bauhinia racemosa*, Film Institute, Pune, Bhimashankar, S VH NPO 263, VM NPO 302.
- Gloiothele lamellosa*** (Henn.) Bres., 1920 (Peniophoraceae)  
*Gloeocystidiellum irpiscenscens* Boidin, 1966  
On *Memecylon umbellatum*, Baneshwar, VH NPO 602.
- Grammothele fuligo*** (Berk. & Broome) Ryvarden, 1979 (Polyporaceae)  
On *Caryota urens*, Kankeshwar, VN PO 84, 74.
- Grammothele hondurensis*** (Murr.) Ryvarden, 1985 (Polyporaceae)  
*Diplomitoporus hondurensis* (Murr.) Ryvarden, 2000  
On *Mallotus philippensis*, Baneshwar, VH PO 653.
- Grammothelopsis puiggarii*** (Speg.) Rajchenb. & J.E. Wright, 1987 (Polyporaceae)  
On *Memecylon umbellatum*, Amboli, VH PO 769.
- Hexagonia apiaria*** (Pers.) Fr., 1838 (Polyporaceae)  
*Scenidium apiarium* (Pers.) Kuntze, 1898  
On *Eugenia jambolana*, *Lagerstroemia indica*, Karnala, Peth Surgana, RPO 01, 82.
- Hexagonia niam-niamensis*** Henn., 1891 (Polyporaceae)  
*Scenidium niam-niamense* (Henn.) Kuntze, 1898  
On *Dalbergia paniculata*, Vaijapur Pal Forest, RPO 21.
- Hjortstamia friesii*** (Lév.) Boidin & Gilles, 2003 (Phanerochaetaceae)  
*Lopharia papyracea* (Jungh.) D.A. Reid, 1957  
On *Ficus benghalensis*, Karnala, VN NPO 67, VN NPO 118.
- Hymenochaete attenuata*** (Lév.) Lév., 1846 (Hymenochaetaceae)  
On *Memecylon umbellatum*, Sinhagad, Bhimashankar, VH NPO 564, VM 02, VM 31, VM 214, VM 280.
- Hymenochaete cacao*** (Berk.) Berk. & M.A. Cutis, 1868 (Hymenochaetaceae)  
On *Memecylon umbellatum*, Bhimashankar, VM NPO 15.
- Hymenochaete floridea*** Berk. & Broome, 1875 (Hymenochaetaceae)  
On *Garcinia indica*, Bhimashankar, VM NPO 184.
- Hymenochaete gladiola*** G. Cunn., 1957 (Hymenochaetaceae)  
On *Actinodaphne angustifolia*, *Memecylon umbellatum*, Bhimashankar, VN NPO 52, VM NPO 70, VM NPO 82.
- Hymenochaete mougeotii*** (Fr.) Cooke, 1890 (Hymenochaetaceae)  
On *Allophylus cobbe*, Bhimashankar, VM NPO 09.
- Hymenochaete patelliformis*** G. Cunn., 1957 (Hymenochaetaceae)  
On *Memecylon umbellatum*, Bhimashankar, VM NPO 54, VM NPO 255.

- Hymenochaete plurimaesetae*** G. Cunn., 1957 (Hymenochaetaceae)  
On *Garcinia indica*, Bhimashankar, VM NPO 222.
- Hymenochaete rubiginosa*** (Dicks.) Lév., 1846 (Hymenochaetaceae)  
On *Mallotus philippensis*, Dongarwadi, Bhimashankar, VH NPO 583, VM NPO 55, VM NPO 147.
- Hymenochaete semistupposa*** Petch, 1925 (Hymenochaetaceae)  
On *Olea dioica*, Bhimashankar, VM NPO 172, VM NPO 203.
- Hymenochaete spreata*** Peck, 1878 (Hymenochaetaceae)  
*Hymenochaete cinnamomea* (Pers.) Bres., 1897  
On *Syzygium cumini*, Pirangut, Bhimashankar, VH NPO 29, VM NPO 29.
- Hymenochaete villosa*** (Lév.) Bres., 1910 (Hymenochaetaceae)  
On *Dimorphocalyx lawianus*, Bhimashankar, VM NPO 338.
- Hymenogramme javensis*** Mont. & Berk., 1844 (Polyporaceae)  
On *Livistona chinensis*, Pune University Campus, VH PO 514.
- Hyphoderma lapponicum*** (Litsch.) Ryvarden, 1971 (Meruliaceae)  
On *Carrisa congesta*, *Zizypus* spp., Karnala, VN NPO 14, VN NPO 52, VN NPO 98.
- Hyphoderma mutatum*** (Peck) Donk, 1957 (Meruliaceae)  
On *Capparis zeylanica*, Bhimashankar, VM NPO 271.
- Hyphoderma puberum*** (Fr.) Wallr., 1833 (Meruliaceae)  
On *Xanthophyllum* spp., Bhimashankar, VM NPO 173.
- Hyphoderma praetermissum*** (P. Karst.) J. Erikss. & Å. Strid, 1975 (Meruliaceae)  
On *Atalantia racemosa*, Bhimashankar, VM NPO 177.
- Hyphoderma roseocremeum*** (Bres.) Donk, 1957 (Meruliaceae)  
On *Ficus benghalensis*, Karnala, VN NPO 81.
- Hyphodontia alienata*** (S. Lundell) J. Erikss., 1958 (Schizoporaceae)  
On *Syzygium cumini*, Baneshwar, VH NPO 724.
- Hyphodontia propinqua*** Hjortstam, 1983 (Schizoporaceae)  
On *Dalbergia melanoxylon*, Pune University Campus, Teachers quarter, C-8.
- Hyphodontia radula*** (Fr.) Langer & Vesterh., 1996 (Schizoporaceae)  
*Basidioradulum radula* (Fr.) Nobles, 1967  
*Hyphoderma radula* (Fr.) Donk, 1957  
On *Grevillea robusta*, *Terminalia crenulata*, Pirangut, Bhimashankar, VH NPO 524, VM NPO 72.
- Hyphodontia setulosa*** (Berk. & M.A. Curtis) Maas. Geest., 1974 (Schizoporaceae)  
*Steccherinum setulosum* (Berk. & M.A. Curtis) L.W. Miller, 1935  
On *Azadirachta indica*, *Peltophorum* spp., NCL Park, Film Institute, VH NPO 261, VH 49.
- Hypochnicium cymosum*** (D.P. Rogers & H.S. Jacks.) K.H. Larss. & Hjortstam, 1977 (Meruliaceae)  
On *Terminalia crenulata*, Baneshwar, VH NPO 661.
- Hypochnicium eichleri*** (Bres. ex Sacc.) J. Erikss. & Ryvarden, 1976 (Meruliaceae)  
On *Mangifera indica*, *Sideroxylon tomentosum*, Panshet, Bhimashankar, VH NPO 595, VM NPO 01.
- Hypochnicium globosum*** Sheng H. Wu, 1990 (Meruliaceae)  
On *Pavetta indica*, Sinhagad, VH NPO 495.

- Hypochnicium geogenium*** (Bres.) J. Erikss., 1958 (Meruliaceae)  
On *Bauhinia purpurea*, Botany Dept. PUC, C-14.
- Inonotus baumii*** (Pilát) T. Wagner & M. Fisch., 2002 (Hymenochaetaceae)  
*Phellinus baumii* Pilát, 1932  
On *Cassia* spp., *Morus* spp., *Symplocos racemosa*, Karad, PH 194.
- Inonotus luteoumbrinus*** (Romell) Ryvarden, 2005 (Hymenochaetaceae)  
*Phellinus sublinteus* (Murr.) Ryvarden, 1972  
On *Actinodaphne*, *Albizia*, *Alseodaphne*, *Avicennia*, *Azadirachta indica*, *Bridelia*, *Cassia*, *Cinnamomum*, *Gliricidia sepium*, *Mangifera indica*, *Peltophorum ferruginosum*, *Syzygium* spp., Karnala, PUC, Amboli, Salav, Amba, EMRC (Pune), STP PUC, Main Building PUC, Alice Garden PUC, VA 331, 291, 049, 227, 154, 265, 150, 118, 061, 191, 182, 046, 282, 284, 293, 328, 363, PH 19, 23, 25, 26, 42, 34.
- Inonotus tropicalis*** (M.J. Larsen & Lombard) T. Wagner & M. Fisch., 2002 (Hymenochaetaceae)  
*Phellinus tropicalis* M.J. Larsen & Lombard, 1988  
On *Derris* spp., *Mangifera indica*, Karnala, VA 171, 172, 159.
- Junghuhnia crustacea*** (Jungh.) Ryvarden, 1972 (Meruliaceae)  
On *Garuga*, *Olea dioica*, *Tamarindus indica*, Karnala, Bhimashankar, Tamini, VN PO 16, VM PO 193, VH PO 134.
- Junghuhnia nitida*** (Pers.) Ryvarden, 1972 (Meruliaceae)  
On *Memecylon umbellatum*, *Pongamia pinnata*, *Syzygium cumini*, Karnala, Bhimashankar, VN PO 63, VM PO 216.
- Kavinia himantia*** (Schw.) J. Erikss., 1958 (Lentariaceae)  
On *Artocarpus heterophyllus*, Karad, VH NPO 197
- Laxitextum lutescens*** Hjortstam & Ryvarden, 1981 (Hericiaceae)  
On *Mangifera indica*, *Pongamia pinnata*, *Smilax* spp., *Zizypus* spp., Karnala, NCL Park, VN NPO 94/78/125, VH NPO 46.
- Lenzites vespacea*** (Pers.) Pat., 1900 (Polyporaceae)  
On *Mangifera indica*, Karnala, RPO 12.
- Lenzites warnieri*** Durieu & Mont., 1860 (Polyporaceae)  
On *Garuga pinnata*, *Mangifera indica*, Karnala, RPO 19, 80.
- Litschauerella gladiola*** (G. Cunn.) Stalpers & P.K. Buchanan, 1991 (Hydnodontaceae)  
*Peniophora gladiola* G. Cunn., 1955  
On *Syzygium cumini*, Guhagar, VH NPO 282.
- Lopharia spadicea*** (Pers.) Boidin, 1959 (Phanerochaetaceae)  
*Lopharia fulva* (Lév.) Boidin, 1959  
On *Dalbergia melanoxylon*, Dongarwadi, VH NPO 624.
- Megalocystidium luteocystidium*** (P.H.B. Talbot) Sheng H. Wu, 1996 (Stereaceae)  
*Gloeocystidiellum luteocystidium* (P.H.B. Talbot) Boidin, 1966  
On *Bauhinia purpurea*, *Ficus benghalensis*, Amboli, Elis Garden PUC, VH NPO 808, C-6.
- Metulodontia nivea*** (P. Karst.) Parm., 1968 (Peniophoraceae)  
On *Drypetes venusta*, Bhimashankar, VM NPO 170.
- Odontiopsis ambigua*** (Berk. & Broome) Hjortstam, 1987 (Schizoporaceae)  
*Pteridomyces sphaericosporus* Boidin, Lanquetin & Gilles, 1983  
On *Mangifera indica*, Kankeshwar, VN PO 93.
- Oxyporus cervinogilvus*** (Jungh.) Ryvarden, 1973 (Schizoporaceae)  
On *Derris scandens*, *Flacourtia cataphracta*, *Mangifera indica*, *Pongamia*, Karnala,

Mulshi, VN PO 03, 40, 23, 20, 48, 131, 145, VH PO 20.

***Oxyporus latemarginatus*** (Durieu & Mont.) Donk, 1966 (Schizoporaceae)

On *Tectona grandis*, Sambhaji Park, Karnala VH PO 301, VN PO 95, 129.

***Oxyporus pellicula*** (Jung.) Ryvarde, 1980 (Schizoporaceae)

On *Lagerstroemia* spp., Karnala, VN PO 137, 120.

***Peniophora aurantiaca*** (Bres.) Höhn. & Litsch., 1906 (Peniophoraceae)

On *Cassia* spp., Baneshwar, Koyna, VH NPO 627, VH NPO 718.

***Peniophora cinerea*** (Pers.) Cooke, 1879 (Peniophoraceae)

On *Albizia lebbek*, *Mangifera indica*, *Memecylon umbellatum*, *Syzygium cumini*, Botany Department, PUC, C-16, VM NPO 279.

***Peniophora laurentii*** S. Lundell, 1946 (Peniophoraceae)

On *Caryota urens*, Sinhagad, VH NPO 615.

***Peniophora limitata*** (Chaillet ex Fr.) Cooke, 1879 (Peniophoraceae)

On *Dimorphocalyx lawianus*, *Memecylon umbellatum*, Bhimashankar, VM NPO 335.

***Peniophora nuda*** (Fr.) Bres., 1897 (Peniophoraceae)

On *Bauhinia purpurea*, *Olea dioica*, Karad, Bhimashankar VH NPO 199.

***Peniophora pithya*** (Pers.) J. Erikss., 1950 (Peniophoraceae)

On *Memecylon umbellatum*, Panshet, VH PO 488.

***Peniophora violaceolivida*** (Sommerf.) Masee, 1890 (Peniophoraceae)

On *Tamarindus indica*, Koyna, VH NPO 711.

***Perenniporia gomezii*** Rajchenb. & J.E. Wright, 1982 (Polyporaceae)

On *Ficus benjamina*, Pune University Campus, VH PO 525.

***Perenniporia medulla-panis*** (Jacq.) Donk, 1967 (Polyporaceae)

On *Bridelia squamosa*, *Heterophragma* spp., *Jacaranda mimosifolia*, Kondhona, Karnala, Bhimashankar, VH PO 491, VN PO 06, 11, VM PO 183.

***Perenniporia piperis*** (Rick) Rajchenb., 1987 (Polyporaceae)

*Perenniporia albida* Rajchenberg & J.E. Wright, 1982

On *Tectona grandis*, Karnala, VN NPO 37, VN PO 114.

***Perenniporia subacida*** (Peck) Donk, 1967 (Polyporaceae)

On *Albizia procera*, *Mangifera indica*, *Tectona grandis*, Karnala, VN PO 21, 35, 110.

***Perenniporia tenuis*** (Schw.) Ryvarde, 1973 (Polyporaceae)

On *Allophylus cobbe*, Bhimashankar, VM PO 179.

***Perenniporia voeltzkowii*** (Henn.) Ryvarde, 1980 (Polyporaceae)

On unidentified angiosperm wood, Karnala, VN PO 96.

***Phanerochaete cacaia*** (Bourd. & Galzin) Burds. & Gilb., 1974 (Phanerochaetaceae)

On *Ficus amplissima*, *Mangifera indica*, Bhimashankar, Koyna, VM NPO 229/247, VH NPO 247.

***Phanerochaete jose-ferreirae*** (D.A. Reid) D.A. Reid, 1975 (Phanerochaetaceae)

On *Albizia procera*, Baneshwar, VH NPO 617, VH NPO 582.

***Phanerochaete laevis*** (Fr.) J. Erikss. & Ryvarde, 1978 (Phanerochaetaceae)

On *Albizia procera*, *Dimorphocalyx lawianus*, *Ficus benjamina*, Bhimashankar, Dhabhol, Karnala, VM NPO 231/113, VN NPO 28.

***Phanerochaete robusta*** Parm., 1968 (Phanerochaetaceae)

On *Grevillea robusta*, Bhimashankar, VM NPO 49/66/265/266/334.

- Phanerochaete sanguinea*** (Fr.) Pouzar, 1973 (Phanerochaetaceae)  
*Phanerochaete calotricha* (P. Karst.) J. Erikss. & Ryvarden, 1978  
 On *Bauhinia purpurea*, *Mallotus philippensis*, Tamini, Baneshwar VH NPO 530, 578.
- Phanerochaete sordida*** (P. Karst.) J. Erikss. & Ryvarden, 1978 (Phanerochaetaceae)  
 On *Mallotus philippensis*, Bhimashankar, Pune University Campus, VM NPO 137, 207, VH NPO 500.
- Phanerochaete subquercina*** (Henn.) Hjortstam, 1987 (Thelephoraceae)  
*Radulodon subquercinus* (Henn.) Hjortstam & Ryvarden, 1980  
 On *Garuga pinnata*, Karnala, VN NPO 61, 131, 117.
- Phanerochaete tuberculata*** (P. Karst.) Parm., 1968 (Phanerochaetaceae)  
 On *Ficus benjamina*, Pune University Campus, VH NPO 524.
- Phanerochaete velutina*** (DC.) Parm., 1968 (Phanerochaetaceae)  
 On *Cassia fistula*, Bhimashankar, VM NPO 211.
- Phaeotrametes decipiens*** (Berk.) J.E. Wright, 1966 (Polyporaceae)  
 On *Memecylon umbellatum*, Bhimashankar, VM PO 332.
- Phellinus acontextus*** Ryvarden, 1984 (Hymenochaetaceae)  
 On *Gliricidia sepium*, Dapoli-Dabhol Road, PH 346.
- Phellinus adamantinus*** (Berk.) Ryvarden, 1972 (Hymenochaetaceae)  
 On *Albizia lebbek*, *Artocarpus heterophyllus*, *Casuarina* spp., *Dalbergia melanoxydon*, *Delonix regia*, *Eucalyptus globules*, *Tamarindus indica*, Adali, Poultry Training Training Center Pune, Alice Garden PUC, Bremen square Aundh, Kothi gate PUC, VA 335, 321, PH 37, 55, 71, 03, 20, 05.
- Phellinus allardii*** (Bres.) S. Ahmad, 1972 (Hymenochaetaceae)  
 On *Erythrina indica*, *Eugenia jambolana*, *Swietenia mahagoni*, F.C. Road Pune, Baneshwar, Anjrine, PH 1, 121, 123, 425.
- Phellinus aureobrunneus*** J.E. Wright & Blumenf., 1984 (Hymenochaetaceae)  
 On *Albizia lebbeck*, *Pterocarpus* spp., *Pterospermum* spp., Poultry Training Training Center, Pune, Anjrine, Kothigate PUC, PH 80, 04, 397.
- Phellinus badius*** (Berk. ex Cooke) G. Cunn., 1965 (Hymenochaetaceae)  
 On *Acacia nilotica*, *Dalbergia melanoxydon*, *Delonix regia*, Film Institute Pune, Dabhol, Pashan Pune, PH 258, 358, 12.
- Phellinus calcitratus*** (Berk. & M.A. Curtis) Ryvarden, 1972 (Hymenochaetaceae)  
 On *Anthocephalus* spp., *Areca catechu*, *Artocarpus* spp., *Butea* spp., *Derris* spp., *Desmodium* spp., *Diospyros* spp., *Eucalyptus* spp., *Garuga* spp., *Grewia* spp., *Heterophragma* spp., *Mangifera* spp., *Saraca* spp., *Tamarindus* spp., *Tectona* spp., Karnala, Shivtharghal, Toranmal, Karad, Anjrine, Dapoli-Dabhol road, Khed, VA 175, 196, 140, 170, 59, 179, 239, 176, 255, 177, 221, 225, 136, 197, 178, 210, 218, 299, 223, 314, 315, 180, 276, 277, 278, 310, PH 342, 408, 405.
- Phellinus callimorphus*** (Lév.) Ryvarden, 1980 (Hymenochaetaceae)  
 On *Dimorphocalyx lawianus*, Bhimashankar, VA 313.
- Phellinus carteri*** (Berk. ex Cooke) Ryvarden, 1972 (Hymenochaetaceae)  
 On *Artocarpus heterophyllus*, *Cassine glauca*, *Euphorbia antiquorum*, *Mangifera indica*, *Peltophorum ferrugineum*, *Syzygium cumini*, *Thespesia populneoides*, Khireshwar, Bhimashankar, Mulshi, VA 345, 148, 153, 344, 167, 228, 155, 01, 135, 233, VH PO 148.
- Phellinus cesatii*** (Bres.) Ryvarden, 1972 (Hymenochaetaceae)  
 On *Artocarpus integrifolia*, *Cassia* spp., Pune University Campus, Baneshwar, VH PO 425, VH 590.

***Phellinus chryseus*** (Lév.) Ryvarden, 1980  
(Hymenochaetaceae)

On *Garuga pinnata*, *Mangifera indica*, *Memecylon umbellatum*, *Swietenia mahagony*, Adali, Bhimashankar, Pune University Campus, VA 186, 234, 229, VH PO 527.

***Phellinus coffeatoporus*** Kotl. & Pouzar, 1979  
(Hymenochaetaceae)

On *Dalbergia melanoxyton*, *Acacia nilotica*, Panshet, Botany Department PUC, PH 350, 13.

***Phellinus conchatus*** (Pers.) Quél., 1886  
(Hymenochaetaceae)

On *Actinodaphne* spp., *Artocarpus* spp., *Cassine* spp., *Casuarina* spp., *Cinnamomum*, *Delonix* spp., *Mangifera* spp., *Mammea* spp., *Memecylon* spp., *Prosopis*, *Syzygium* spp., *Thespesia* spp., Harishchandragad, Shivthar-ghal, Adali, Bhimashankar, Alibag, Mangao, Amba, Karnala, Kankeshwar, VA 198, 343, 203, 168, 348, 268, 214, 041, 044, 295, 373, 252, 147, 217, 236, 259, 269, 306, 157, 152, 187, 183, 143, 145, 181.

***Phellinus crocatus*** (Fr.) Ryvarden, 1972  
(Hymenochaetaceae)

On *Albizzia lebbeck*, Alice Garden PUC, VA 266, PH 7.

***Phellinus fastuosus*** (Lév.) Ryvarden, 1972  
(Hymenochaetaceae)

On *Acacia leucophloea*, *Acacia nilotica*, *Albizzia lebbeck*, *Artocarpus heterophyllus*, *Azadirachta indica*, *Gliricidia sepium*, *Mangifera indica*, *Tamarindus indica*, Pune University Campus, Junnar, Tadoba, Sinhagad, Khireshwar, Chaul, Anjrine, Dabhol, Karad, Kamala Nehru Park Pune, Lonawala, Pirangut, Adali, Sawantwadi, Mumbai, VA 190, 336, 367, 192, 355, 288, 289, 342, 202, 285, 286, 311, 352, 266, 370, PH 33, 41, 140, 203, 313, 354, 404, A 20, PH 34, S1.

***Phellinus glaucescens*** (Petch) Ryvarden, 1972  
(Hymenochaetaceae)

On *Terminalia* spp., *Memecylon* spp., Bhimashankar, Amba, VA 303, 045, 205.

***Phellinus grenadensis*** (Murr.) Ryvarden, 1972  
(Hymenochaetaceae)

On *Azadirachta indica*, Kamala Nehru Park, VA 121, PH 314.

***Phellinus griseoporus*** D.A. Reid, 1976  
(Hymenochaetaceae)

On *Albizzia lebbeck*, *Dalbergia melanoxyton*, near Kothi Gate PUC, STP PUC, PH 05, 06, 28.

***Phellinus hippophaeicola*** H. Jahn, 1976  
(Hymenochaetaceae)

On angiosperm wood, Baneshwar, PH 124.

***Phellinus inermis*** (Ellis & Everh.) G. Cunn., 1965 (Hymenochaetaceae)

On *Peltophorum pterocarpum*, *Tectona grandis*, Peint Zari, Pune University Campus, VA 133, 138, VH PO 497.

***Phellinus johnsonianus*** (Murr.) Ryvarden, 1972 (Hymenochaetaceae)

On *Prosopis cineraria*, Toranmal, VA 242.

***Phellinus laevigatus*** (Fr.) Bourdot & Galzin, 1928 (Hymenochaetaceae)

On angiosperm wood, Toranmal, VA 163, 164.

***Phellinus lamaensis*** (Murr.) Pat., 1934  
(Hymenochaetaceae)

On *Acacia* spp., *Olea dioica*, Film institute Pune, Bhimashankar, Sinhagad, VH PO 256, PH 41.

***Phellinus linteus*** (Berk. & M.A. Curtis) Teng, 1963 (Hymenochaetaceae)

On *Areca catechu*, *Calophyllum* spp., *Caryota urens*, *Cassia* spp., *Eugenia jambolana*, *Ficus benjamina*, *Garcinia indica*, *Lagerstromia* spp., *Mangifera indica*, *Olea dioica*, *Pongamia glabra*, *Quercus* spp., *Tamarindus indica*, *Xantolis*, Harishchandragad, Adali, Alibaug, Bhimashankar, Akkalkuwa, Pirangut, Dabhol, Dapoli-Dabol Road, Anjrine, Amba valley, Karnala, Sinhagad, Range Hill Pune, VA 245, 185, 247, 246, 008, 002, 053, 162, 231, 240, 271, 275, 279, PH 343, 400, 18, 24, 29, 30.



- Phellinus lloydii*** (Cleland) G. Cunn., 1965 (Hymenochaetaceae)  
On *Artocarpus integrifolia*, Sinhagad, PH 9, 9A, 33L<sub>2</sub>.
- Phellinus luctuosus*** (Ces.) Ryvarden, 1972 (Hymenochaetaceae)  
On *Caesalpinia* spp., Baneshwar, VH PO 601.
- Phellinus macgregori*** (Bres.) Ryvarden, 1988 (Hymenochaetaceae)  
On *Acacia* spp., Harishchandragad, VA 189.
- Phellinus melanodermus*** (Pat.) M. Fidalgo, 1968 (Hymenochaetaceae)  
On *Actinodaphne* spp., *Drypetes* spp., *Garcinia indica*, Bhimashankar, VA 333, 332, 149, 120, 208.
- Phellinus membranaceus*** J.E. Wright & Blumenf., 1984 (Hymenochaetaceae)  
On *Memecylon umbellatum*, Bhimashankar, VA 142, 119.
- Phellinus merrillii*** (Murr.) Ryvarden, 1972 (Hymenochaetaceae)  
On *Acacia nilotica*, *Artocarpus integrifolia*, *Azadirachta indica*, *Caesalpinia* spp., *Gliricidia* spp., *Lagerstromia* spp., *Peltophorum* spp., Adali, Kankeshwar, Mangaon, PUC, Toranmal, Pashan, Nardave, Mumbai, Ratnagiri, STP PUC, VA 290, 261, 188, 339, 340, 341, 201, 353, 376, 318, 351, 374, 123, 319, 320, 377, 375, 312, 338, PH 38, 02, 08, 21, 43, 17, 15, 15A, 36B, 37B<sub>2</sub>, 47A, 47B, 47C, 47D, A21, M2, M4, 10, 16, 32L, 35S<sub>2</sub>, PH 2, 8, 21, 43, 17, 36, 37, 10, 32, 35.
- Phellinus minutiporus*** Bondart. & S. Herrera, 1980 (Hymenochaetaceae)  
On *Albizzia lebbeck*, Aundh gate Pune, PH 31.
- Phellinus orientalis*** Bondart. & S. Herrera, 1980 (Hymenochaetaceae)  
On *Thespesia populnea*, Harihareshwar, Pashan Pune, PH 01.
- Phellinus pectinatus*** (Klot.) Quél., 1886 (Hymenochaetaceae)  
On *Dalbergia sisoo*, *Dalbergia melanoxylon*, *Tamarindus indica*, Karnala, Dabhol, Botany Department PUC, VA 224, 281, 326, PH 107, 353, 45, 44.
- Phellinus punctatus*** (Fr.) Pilát, 1942 (Hymenochaetaceae)  
On *Azadirachta indica*, Panchwati, VH PO 62.
- Phellinus purpureogilvus*** (Petch) Ryvarden, 1972 (Hymenochaetaceae)  
On *Pithecolobium saman*, Pune University, Baneshwar, VH PO 443, 604.
- Phellinus rickii*** Teixeira, 1950 (Hymenochaetaceae)  
On *Swietenia mahagony*, Alice Garden PUC, PH 14.
- Phellinus reichingeri*** (Bres.) Ryvarden, 1988 (Hymenochaetaceae)  
On *Gliricidia sepium*, Karad, PH 145.
- Phellinus resinaceus*** Kotl. & Pouzar, 1979 (Hymenochaetaceae)  
On *Mangifera indica*, Sambhaji Park, Pune, PH 299.
- Phellinus ribis*** (Schumach.) Quél., 1886 (Hymenochaetaceae)  
On *Mallotus philippensis*, *Syzygium cumini*, Bhimashankar, VA 307, 169.
- Phellinus rimosus*** (Berk.) Pilát, 1940 (Hymenochaetaceae)  
*Phellinus sanjani* (Lloyd) Ryvarden, 1972  
*Phellinus pappianus* (Bres.) Ryvarden, 1972  
On *Acacia nilotica*, *Caesalpinia coriaria*, *Gliricidia sepium*, *Terminalia*, Bhimashankar, Dabhol, Exam Section PUC, VA 354, 264, PH 352, 22.
- Phellinus rhytiphloeus*** (Mont.) Ryvarden, 1980 (Hymenochaetaceae)  
On *Artocarpus heterophyllus*, *Azadirachta indica*, Poultry Training Center, Pune, Kamala Nehru Park Pune, PH 73, 308.

- Phellinus rufitinctus* (Berk. & M.A. Curtis ex Cooke) Pat., 1900 (Hymenochaetaceae)  
On unidentified angiosperm wood, Bhimashankar, VA 082.
- Phellinus sancti-georgii* (Pat.) Ryvardeen, 1972 (Hymenochaetaceae)  
On *Acacia tomentosa*, Akkalkuwa, VA 256.
- Phellinus setulosus* (Lloyd) Imazeki, 1943 (Hymenochaetaceae)  
On *Peltophorum* spp., *Pterocarpus* spp., Mulshi, PH 151.
- Phellinus shaferi* (Murr.) Ryvardeen, 1972 (Hymenochaetaceae)  
On *Mangifera indica*, *Syzygium cumini*, Bhimashankar, VA 298, 300, 301.
- Phellinus sonoreae* Gilb., 1979 (Hymenochaetaceae)  
On *Azadirachta indica*, Panchwati, VH PO 502.
- Phellinus stratosus* Pat., 1928 (Hymenochaetaceae)  
On *Gliricidia sepium*, *Tamarindus indica*, Pune University Campus, VA 287, 317.
- Phellinus swieteniae* (Murr.) S. Herrera & Bondart., 1980 (Hymenochaetaceae)  
On *Avicennia officinalis*, M.F. Salav, VA 205, 292.
- Phellinus torulosus* (Pers.) Bourdot & Galzin, 1925 (Hymenochaetaceae)  
On *Albizia lebbeck*, *Cassia fistula*, *Memecylon umbellatum*, Chandangad, Pune University Campus, VA 267, 263, 05.
- Phellinus umbrinellus* (Bres.) S. Herrera & Bondart., 1980 (Hymenochaetaceae)  
On *Derris* spp., *Mangifera indica*, *Psidium guajava*, Bhimashankar, VA 137, 215, 356, 368.
- Phlebia rufa* (Pers.) M.P. Christ., 1960 (Meruliaceae)  
On *Memecylon umbellatum*, Koyna, VH NPO 600.
- Phlebia subcalcea* (Litsch.) M.P. Christ., 1960 (Meruliaceae)  
*Lepidomyces subcalceus* (Litsch.) Jülich, 1979  
On *Eugenia jambolana*, Sawantwadi, VH NPO 785.
- Phlebia subceracea* (Wakef.) Nakasone, 2003 (Meruliaceae)  
On *Pithecolobium* spp., Symbiosis Road, VH NPO 27.
- Phlebiopsis galochroa* (Bres.) Hjortstam & Ryvardeen, 1980 (Phanerochaetaceae)  
On *Memecylon umbellatum*, Amboli, VH NPO 806.
- Phlebiopsis flavidoalba* (Cooke) Hjortstam, 1987 (Phanerochaetaceae)  
*Metulodontia flavidoalba* (Cooke) Malencon & Bertault, 1977  
On *Memecylon umbellatum*, Dapoli, VH NPO 335.
- Phlebiopsis gigantea* (Fr.) Jülich, 1978 (Phanerochaetaceae)  
On *Mangifera indica*, Baneshwar, VH NPO 591.
- Phlebiopsis peniophoroides* Gilb. & Adask., 1993 (Phanerochaetaceae)  
On *Samanea saman*, Sawantwadi, VH 783.
- Phlebiopsis ravenelii* (Cooke) Hjortstam, 1987 (Phanerochaetaceae)  
*Phlebiopsis roumegueri* (Bres.) Jülich & Stalpers, 1980  
On *Mangifera indica*, Dabhol, VH NPO 207.
- Polyporus grammocephalus* Berk., 1842 (Polyporaceae)  
On *Lagerstroemia* spp., *Thespesia populnea*, Karnala, Kankeshwar, VN PO 93, 67, 130, 210.
- Poria sericeomollis* Romell, 1926 (Fomitopsidaceae)  
*Amylocystis sericemollis* (Romell) Teixeira, 1992

On *Gliricidia sepium*, Dongarwadi, VH PO 134.

***Porogramme albocincta*** (Cooke & Masee) J. Lowe, 1958 (Polyporaceae)

On *Syzygium cumini*, Bhimashankar, VM PO 75.

***Postia undosa*** (Peck) Jülich, 1982 (Fomitopsidaceae)

*Tyromyces undosus* (Peck) Murr., 1907

On *Dimorphocalyx lawianus*, Guhagar, VH PO 39.

***Pseudochaete tabacina*** (Sowerby) T. Wagner & M.Fisch., 2002 (Hymenochaetaceae)

*Hymenochaete tabacina* (Sowerby) Lév., 1846

On *Azadirachta indica*, *Olea dioica*, NCL Park, Bhimashankar, VH NPO 51, VM NPO 51.

***Pseudoxenasma verrucisporum*** K.H. Larss. & Hjortstam, 1976 (Russulaceae)

On *Mangifera indica*, Baneshwar, VH 546.

***Pycnoporellus alboluteus*** (Ellis & Everh.) Kotl. & Pouzar, 1963 (Fomitopsidaceae)

On *Dimorphocalyx lawianus*, Pune University Campus, VH PO 528.

***Ramaricium albochraceum*** (Bres.) Jülich, 1977 (Gomphaceae)

On *Bauhinia*, *Ficus benghalensis*, *Mangifera indica*, Karnala, VN NPO 24, 55, 58, 63.

***Ramaricium polyporoideum*** (Berk. & M.A. Curtis) Ginns, 1979 (Gomphaceae)

On *Albizzia procera*, *Diospyros* spp., *Heterophragma roxburghi*, *Mangifera indica*, Karnala, Baneshwar, VN NPO 10, 33, 76, VH NPO 763.

***Rigidoporus microporus*** (Sw.) Overeem, 1924 (Meripilaceae)

On *Mangifera indica*, Karnala, VN PO 8.

***Rigidoporus vinctus*** (Berk.) Ryvarden, 1972 (Meripilaceae)

On *Cassine glauca*, Bhimashankar, VM PO 267.

***Rigidoporus ulmarius*** (Sowerby) Imazeki, 1952 (Meripilaceae)

On *Mangifera indica*, Dapoli, VH PO 216.

***Schizopora flavipora*** (Berk. & M.A. Curtis ex Cooke) Ryvarden, 1985 (Schizoporaceae)

*Schizopora trichiliae* (Van der Byl) Ryvarden, 1980

*Schizopora carneolutea* (Rodway & Cleland) Kotl. & Pouzar, 1979

On *Mangifera indica*, Baneshwar, VH PO 614, 605.

***Schizopora paradoxa*** (Schrad.) Donk, 1967 (Schizoporaceae)

On *Swietenia mahagoni*, Baneshwar, VH PO 803.

***Schizopora roseotingens*** Hjortstam & Ryvarden, 1984 (Schizoporaceae)

On *Samanea saman*, Koyna, VH PO 738.

***Scopuloides hydroides*** (Cooke & Masee) Hjortstam & Ryvarden, 1979 (Meruliaceae)

On *Memecylon umbellatum*, Tamini, VH NPO 603.

***Scopuloides rimosa*** (Cooke) Jülich, 1982 (Meruliaceae)

On *Artocarpus heterophyllus*, Panchwati, VH NPO 227.

***Scytinostromella cerina*** (Bres.) Hjortstam & Ryvarden, 1980 (Incertae sedis)

On *Dalbergia melanoxylon*, Baneshwar, VH NPO 660.

***Scytinostromella nannfeldtii*** (J. Erikss.) G.W. Freeman & R.H. Petersen, 1979 (Incertae sedis)

*Gloeocystidiellum percuriosum* Parmasto, 1968.

On *Annona squamosa*, Pune University Campus, VH NPO 510.

***Scytinostromella olivaceoalba*** (Bourdot & Galzin) Ginns & M.N.L. Lefebvre, 1993 (Incertae sedis)

- Amylocorticium olivaceoalbum* (Bourdot & Galzin) Boidin, Lang & Gilles, 1997  
On *Areca catechu*, Guhagar, VH NPO 278.
- Steccherinum ochraceum* (Pers.) Gray, 1821 (Meruliceae)  
On *Mimusops elengi*, Kankeshwar, VN PO 118.
- Thanatephorus terrigenus* (Bres.) G. Langer, 1994 (Ceratobasidiaceae)  
*Cejpomyces terrigenus* (Bres.) Svrcek & Pouzar, 1970  
On *Flacourtia indica*, *Gliricidia sepium*, Bhimashankar, Panchwati Pune, VM NPO 212, VH NPO 61.
- Trametes cervina* (Schwein.) Bres., 1903 (Polyporaceae)  
On angiosperm wood, Karnala, VN PO 39.
- Trametes menziesii* (Berk.) Ryvarden, 1972 (Polyporaceae)  
On *Saraca indica*, Kankeshwar, VN PO 119.
- Trametes villosa* (Sw.) Kreisel, 1971 (Polyporaceae)  
On angiosperm wood, Karnala, VN PO 29.
- Trechispora mollusca* (Pers.) Liberta, 1974 (Hydnodontaceae)  
On *Dimorphocalyx lawianus*, *Memecylon umbellatum*, Bhimashankar, VM PO 24.
- Trechispora regularis* (Murr.) Liberta, 1974 (Hydnodontaceae)  
On *Syzygium cumini*, Bhimashankar, VM PO 117.
- Trichaptum byssogenum* (Jungh.) Ryvarden, 1972 (Polyporaceae)  
*Trichaptum versatile* (Berk.) G. Cunn., 1965  
On *Cassia siamea*, Koyna, VH PO 745.
- Tubulicrinis ellipsoideus* Gresl. & Rajchenb., 2002 (Tubulicrinaceae)  
On *Albizia procera*, Baneshwar, VH NPO 609.
- Vararia ochroleuca* (Bourdot & Galzin) Donk, 1930 (Lachnocladiaceae)  
On *Ficus glomerata*, *Mangifera indica*, *Pongamia pinnata*, Karnala, VN NPO 84, 77, 30.
- Vararia sphaericospora* Gilb., 1965 (Lachnocladiaceae)  
On *Ficus religiosa*, Pune University Campus, VH NPO 507.
- Wolfiporia cocos* (F.A. Wolf) Ryvarden & Gilb., 1984 (Polyporaceae)  
On *Ficus religiosa*, Khed, VH PO 223.
- Wrightoporia africana* I. Johans. & Ryvarden, 1979 (Bondarzewiaceae)  
On *Delonix regia*, *Pongamia glabra*, Karnala, Film Institute Pune, VN PO 44, 42, VH PO 163.
- Wrightoporia avellanea* (Bres.) Pouzar, 1966 (Bondarzewiaceae)  
On *Pongamea pinnata*, Pune University Campus, VH PO 506.
- Wrightoporia bracei* (Murr.) I. Lindblad & Ryvarden, 1999 (Wrightoporiaceae)  
*Amylosporus bracei* (Murr.) A. David & Rajchenb., 1985  
On *Bauhinia purpurea*, Baneshwar, VH PO 575.
- Wrightoporia cremea* Ryvarden, 1987 (Bondarzewiaceae)  
On *Dalbergia melanoxylon*, Kondhona, VH PO 565.
- Wrightoporia iobapha* (Pat.) Ryvarden, 1983 (Bondarzewiaceae)  
On *Peltophorum* spp., *Pterocarpus* spp., Koyna, VH PO 245.
- Xylobolus frustulatus* (Pers.) Boidin, 1958 (Stereaceae)  
On *Calycopteris floribunda*, Koyna, VH NPO 768.

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## References

- Bagchee KD. 1961 – The fungal diseases of sal (*Shorea robusta* Gaertn. f. and filis) IV. *Fomes caryophyllii* (Rac.) Bres. a destructive heart rot of sal. Indian Forest Records (N.S.) 2, 25–58.
- Bagchee KD, Bakshi BK. 1950 – Some fungi as wood parasites on Indian trees. Indian Forester 76, 244–253
- Bagchee KD, Bakshi BK. 1954 – Studies on Indian Thelephoraceae 1. Some species of *Stereum*, *Peniophora* and *Corticium*. Indian Forester 166, 1–2.
- Bagchee KD, Puri YN, Bakshi BK. 1954 – Principal diseases and decay of oak and other hard wood in India II. Indian Phytopathology 7, 18–42.
- Bagchee KD, Singh U. 1954 – List of common names of fungi attacking Indian forest trees, timber and the herbaceous and shrubby undergrowths and list of cultures of forest fungi. Indian Forest Records 1, 199–348.
- Bakshi BK. 1955 – Diseases and decay of conifers in the Himalayas. Indian Forester 81, 799–797.
- Bakshi BK. 1958 – New records of Hymenomyces in India. Indian Phytopathology 11, 88.
- Bakshi BK. 1971 – Indian Polyporaceae (on trees and timber). ICAR Publication, New Delhi, 188.
- Bakshi BK, Sen M, Singh B. 1970 – Cultural diagnosis Indian Polyporaceae—II. Genera *Fomes* and *Trametes*. Indian Forest Records 2, 245–276.
- Bakshi BK, Singh B, Puri YN. 1958 – Occurrence of *Polyporus leucospongia* in India. Canadian Journal of Botany 36, 363–365.
- Bakshi BK, Singh S, Sing HB. 1963 – A re-examination of *Fomes lignosus* and *Polyporus zonalis*. Transactions of the British Mycological Society 46, 426–430.
- Banerjee SN. 1935 – Thelephoraceae of Bengal. II. Journal of Indian Botanical Society 14, 13–48.
- Berkeley MJ. 1839 – Description of exotic fungi in the collection of W.J. Hooker from memories and notes of J.F. Klotzsch with additions and corrections. Annals of Natural History 3, 375–401.
- Boidin J. 1951 – Recherche de la tyrosinase et de la laccase chez les Basidiomycetes in culture pure. Revue de Mycologie 16, 173–197.
- Boidin J. 1966 – Basidiomycètes Corticiaceae de la République Centrafricaine. 1. – Le Genre *Gloeocystidiellum* Donk. Cahiers de la Maboké 4, 5–17.
- Boidin J, Lanquetin P. 1977 – Les genres *Dichostereum* et *Vararia* en Guadeloupe (Basidiomycetes, Lachnoladiaceae). Mycotaxon 6, 277–336.
- Boidin J, Lanquetin P, Gilles G. 1997 – Le genre *Gloeocystidiellum* sensu lato (Basidiomycotina). Bulletin de la Société Mycologique de France 113, 1–80.
- Bose SR. 1919 – Description of fungi in Bengal I. Proceedings of the Science Convention, Indian Association for Cultivation of Science 4, 109–114.
- Bose SR. 1923 – Polyporaceae of Bengal—Part IX. Proceedings of the Science Convention, Indian Association for Cultivation of Science for the year 1920–1921, p. 33.
- Bose SR. 1924 – Les polyporaceae du Bengale. Revue de Pathologie Végétale et d'Entomologie Agricole de France 11, 134–149.
- Bose SR. 1925 – A new species of Polyporaceae from Bengal. Annals of Mycology 23, 179–181.

- Bose SR. 1927 – Polyporaceae of Bengal— Part IX. Journal of the Department of Science, Calcutta University 9, 35–44.
- Bose SR. 1934 – Polyporaceae of Bengal X. Journal of the Department of Science, Calcutta University 1, 1–18.
- Bose SR. 1946 – Polyporaceae of Bengal XI. Journal of the Departmental Science, Calcutta University 2, 53–87.
- Bourdot H, Galzin A. 1925 – Hyménomycètes de France. XI. Pores. Bulletin de la Société Mycologique de France 41, 98–255.
- Bourdot H, Galzin, A. 1928 – Contributions a la Flore Mycologique de France I. Hyménomycètes de France. Heterobasidies - Homobasidies - Gymnocarpes. M. Bry, Sceaux. 761 pp.
- Butler EJ. 1905a – Some Indian Forest fungi. Indian Forester 31, 487–494.
- Butler EJ. 1905b – Some Indian Forest fungi. Indian Forester 31, 548–556.
- Butler EJ. 1905c – Some Indian Forest fungi. Indian Forester 31, 611–617.
- Butler EJ. 1905d – Some Indian Forest fungi. Indian Forester 31, 670–679.
- Butler EJ. 1918 – Fungi and Diseases in Plants. Thacker Spink and Company, Calcutta VI. 547 pp.
- Butler EJ, Bisby GR. 1931 – The Fungi of India. Scientific monograph Number 1. The Imperial Council of Agricultural Research, Calcutta. 237pp.
- Dikshit KR. 1989 – Maharashtra in Maps. 250 pp.
- Donk MA. 1956 – Notes on resupinate Hymenomycetes III. Fungus 26, 3–24.
- Donk MA. 1957 – Notes on resupinate Hymenomycetes IV. Fungus 27, 1–29.
- Donk MA. 1967 – Notes on European Polypores - II. Notes on *Poria*. Persoonia 5, 47–130.
- Ganesh PN, Leelavathy KM. 1986 – New records of *Phellinus* from India. Current Science 55, 727–728.
- Ginns J. 1979 – The genus *Ramaricium* (Gomphaceae). Botaniska Notiser 132, 93–102.
- Harsh NSK. 1982 – Studies on wood-decaying fungi of Kumaun hills. Ph.D. Thesis, Department of Botany, Government Science College, Jabalpur.
- Hennings P. 1901 – Fungi India Orientalis – II. CI.W.Gollan. 1900 Collecti. Hedwigia 40, 323–342.
- Jülich W, Stalpers JA. 1980 – The resupinate Non-poroid Aphyllophorales of the Temperate Northern Hemisphere. North-Holland Publishing Company, Amsterdam.
- Khara HS. 1978a – Some stipitate Hydnums from North Western Himalayas. Indian Journal of Mycology and Plant Pathology 7, 127–134.
- Khara HS. 1978b – The Hydnaceae of North Western Himalayas V. Indian Phytopathology 30, 94–98.
- Leelavathy KM, Ganesh PN. 2000 – Polyporaceae of Kerala. 165 pp.
- Lemke PA. 1965 – *Dendrothele* (1907) vs. *Aleurocorticium* (1964). Persoonia 3, 365–367.
- Lloyd CG. 1898–1925 – Mycological Notes nos. 1–75, 1–1346. Cincinnati, Ohio.
- Lowe JL. 1963a – The Polyporaceae of the world. Mycologia 55, 1–12.
- Lowe JL. 1963b – A synopsis of *Poria* and similar fungi from the tropical regions of the world. Mycologia 55, 453–486.
- Mahabale TS. 1987 – Botany and Flora of Maharashtra. Maharashtra State Gazetteers, Government of Maharashtra, Bombay, 873 pp.
- Massee G. 1901 – Fungi Exotici III. Kew Bulletin 1901, 150–164.
- Massee G. 1906 – Fungi Exotici IV. Bulletin of Miscellaneous Information 1906, 91–94.
- Massee G. 1908 – Fungi Exotici VIII. Kew Bulletin 1908, 216–219.
- Massee G. 1910 – Fungi Exotici X. Kew Bulletin 1910, 249–253.
- Meherhomji VM. 1977 – History of deciduous forests of Western India and Central India. In: Ecological and Archeology of Western India. Concept Publishing Company, New Delhi.
- Montagne JFC. 1842 – Cryptogamae Nilgherensis. Annales des Sciences Naturelles, Botanique sér. II, 18, 12–23.
- Montagne JFC. 1846 – Champignons in Belanger Voyage qux Indies Orientalis pendant les annees 1825–1829.
- Murrill WA. 1908 – Polyporaceae. North America Flora 9, 73–131.

- Naik-Vaidya CD. 1990 – Wood Rotting Fungi from Karnala and Kankeshwar Ph.D. Thesis, Department of Botany, University of Pune, 1–283.
- Nanda MK. 1996 – Wood Rotting Fungi from Bhimashankar Ph.D. Thesis, Department of Botany, University of Pune. 1–397.
- Natarajan K, Kolandavelu K. 1985 – Resupinate Aphyllophorales from South India-I. *Kavaka* 12, 71–76.
- Natarajan K, Raman N. 1980 – South Indian Agaricales-IX. *Sydowia* 33, 225–235.
- Pegler DN. 1966 – The Polyporaceae–Part I with a key to the British genera. *News Bulletin of the British Mycological Society* 26, 15–27.
- Pegler DN. 1967a – Notes on Indian Hymenochaetoideae. *Kew Bulletin* 21, 39–49.
- Pegler DN. 1967b – Polyporaceae – Part II with key to world genera. *News Bulletin of the British Mycological Society* 1, 17–36.
- Puri YN. 1956 – Studies on Indian *Poria*. *Journal of the Indian Botanical Society* 35, 277–283.
- Rabba AS. 1994 – Studies in the genus *Phellinus* Quel. from Maharashtra. Ph.D. Thesis, University of Pune, Pune. pp. 1–221.
- Ramakrishnan TS. 1959 – Notes on some fungi from South India. *Proceedings of the Indian Academy of Science* 49, 124–128.
- Rattan SS. 1977 – Resupinate Aphyllophorales of North Western Himalaya. *Bibliotheca Mycologica* 60, 1–427.
- Reeves FJr, Welden AI. 1967 – West Indian species of *Hymenochaete*. *Mycologia* 59, 1034–1049.
- Rehill PS, Bakshi BK. 1965 – Studies on Thelephoraceae-II. Indian species of *Peniophora* and *Corticium*. *Indian Forest Bulletin, Dehra Dun* 242, 1–30.
- Rehill PS, Bakshi BK. 1966 – Studies on Indian Thelephoraceae III. The genus *Stereum*. *Indian Forest Bulletin* 250, 20.
- Reid AD. 1958 – New or interesting records of British Hymenomycetes II. *Transactions of the British Mycological Society* 41, 419–445.
- Reid AD. 1975 – Notes on polypores (bracket fungi). *Microscopy* 32, 448–460.
- Reid AD, Thind KS, Chatrath MS. 1959 – The Polyporaceae of Mussoorie Hills, Indian, IV. *Transactions of the British Mycological Society* 42, 40–44.
- Roy A. 1976 – Structure of zones in fruiting bodies of Polyporaceae. *Nova Hedwigia* 27, 801–804.
- Roy A. 1979 – Taxonomy of *Fomes durissimus*. *Mycologia* 71, 1005–1009.
- Roy A. 1981a – Studies on Indian Polypores IV. Morphological and cultural characters of *Polypores grammacephalus*. *Mycologia* 73, 150–156.
- Roy A. 1981b – Studies on Indian Polypores VI. Morphological and cultural characters of *Irpex flavus*. *Nova Hedwigia* 34, 259–263.
- Roy A. 1982 – Hyphal system in Aphyllophorales and their adaptive evolution. *Science and Culture* 48, 372–376.
- Roy A. 1983 – Wood-rotting fungi and their role in tree ecosystem. *Science and Culture* 48, 246–268.
- Roy A. 1984 – Trends in the taxonomy of Polyporaceae. *Advances in Mycology and Plant Pathology*, 89–103.
- Roy A. 1987 – Lignin biodegradation-present status and future. *Current Science* 56, 350–353.
- Roy A, De AB. 1996 – Polyporaceae of India. *International Book Distributors*. 309pp.
- Ryvarden L, Dhanda RS. 1975 – Two remarkable polypores from India. *Transactions of the British Mycological Society* 65, 413–417.
- Sathe AV, Rahalkar SR. 1977 – Check list of Polyporaceae from south West India. I. *Biovigyanam* 2, 103–105.
- Sharma JR. 1993 – New record of polypores from India. *Indian Journal of Forestry* 16, 186–187.
- Sharma JR. 1995 – Hymenochaetaceae of India. *Calcutta, India, Botanical Survey of India*. 1–219.
- Sharma JR. 2000 – Genera of Indian Polypores, *Botanical Survey of India*. 1–188.
- Sharma JR, Ghose PK. 1989 – Polypores that decay trees of Indian Botanic Garden. *Bulletin of the Botanical Survey of India* 31, 95–102.



- Sydow H, Sydow P, Butler EJ. 1906 – Fungi Indiae orientalis I. *Annales Mycologici* 4, 424–445.
- Sydow H, Sydow P, Butler EJ. 1907 – Fungi Indiae orientalis II. *Annales Mycologici* 5, 485–515.
- Sydow H, Sydow P, Butler EJ. 1911 – Fungi Indiae orientalis III. *Annales Mycologici* 9, 372–421.
- Sydow H, Sydow P, Butler EJ. 1912 – Fungi Indiae orientalis IV. *Annales Mycologici* 10, 243–280.
- Sydow H, Sydow P, Butler EJ. 1916 – Fungi Indiae orientalis V. *Annales Mycologici* 14, 177–220.
- Theissen F. 1911 – Fungi aliquot Bombayenses a Re. Ed Blatter collecti. *Annales Mycologici* 9, 153–159.
- Theissen F. 1913a. – The fungi of India I. *Journal of Bombay Natural History Society* 21, 1273–1303.
- Theissen F. 1913b – The fungi of India II. *Journal of Bombay Natural History Society* 22, 144–159.
- Thind KS. 1973 – The Aphyllophorales in India. *Indian Phytopathology* 26, 2–23.
- Thind KS. 1975 – Recent trends in the taxonomy of Aphyllophorales. In: *Advances in Mycology and Plant Pathology* (ed. SP Rayehudhuri).
- Thind KS, Adlakha KL. 1956 – Thelephoraceae of Mussoorie hills I. *Indian Journal of Mycological Research* 2, 57–64.
- Thind KS, Chatrath MS. 1960 – Polyporaceae of the Mussoorie Hills - I. *Indian Phytopathology* 13, 76–89.
- Thind KS, Dhanda RS. 1978a – The Polyporaceae of India XI. *Indian Phytopathology* 31, 463–472.
- Thind KS, Dhanda, R.S. 1978b – The Polyporaceae of India X. *Kavaka* 8, 59–67.
- Thind KS, Khara HS. 1968 – The Hydnaceae of North Western Himalayas. *Indian Phyto-pathology Society Bulletin* 4, 25–33.
- Thind KS, Rattan SS. 1968 – The Thelephoraceae of the North Western Himalayas. *Indian Phytopathology Society Bulletin* 4, 15–24.
- Thind KS, Rattan SS. 1970a – The Polyporaceae of India VIII. *Research Bulletin of the Punjab University* 22, 27–34.
- Thind KS, Rattan SS. 1970b – The Thelephoraceae of India-III. The genus *Tubulicrinis* and *Hyphoderma* in India. *Proceedings of the Indian Academy of Sciences, Section B*, 71, 118–131.
- Thind KS, Rattan SS. 1971a – The Thelephoraceae of India IV. The genus *Tomentella*. *Indian Phytopathology* 24, 32–42.
- Thind KS, Rattan SS. 1971b – The Thelephoraceae of India VII. *Indian Phytopathology* 24, 290–294.
- Thind KS, Rattan SS. 1971c – The Polyporaceae of India VIII. *Research Bulletin of the Punjab University* 22, 27–34.
- Thind KS, Rattan SS. 1972 – The Thelephoraceae of India V. *Transactions of the British Mycological Society* 59, 123–128.
- Thind KS, Rattan SS. 1973a – The Thelephoraceae of India VI. *Indian Phytopathology* 26, 485–494.
- Thind KS, Rattan SS. 1973b – The Thelephoraceae of India VII. *Indian Phytopathology* 26, 528–536.
- Thind KS, Rattan SS, Dhanda RS. 1970 – The Polyporaceae of India VIII. *Research Bulletin of the Punjab University* 21, 109–117.
- Vaidya JG. 1987 – Ecological characteristic of wood decay and cord forming fungi from the campus of Poona University, Poona University Press, Pune, 1–100.
- Vaidya JG, Bhor GL. 1990 – Medicinally important wood rotting fungi with special emphasis on Phansomba. *Deerghyu* 6, 1–4.
- Vaidya JG, Nanda MK, Rabba AS – 1991. Community and substratum composition for wood rotting Aphyllophorales from Bhimashankar, Western Ghats. *Proceedings of the Sixth Engineering Congress on Transdisciplinary premise of Ecology and Environment, Institute of Engineers, Pune, India* 2, 56–70.
- Vaidya JG, Rabba AS. 1993a – Fungi in folk medicine. *Mycologist* 7, 131–133.
- Vaidya JG, Rabba AS. 1993b – Valid names for some common Indian wood rotting

polypores, their synonyms and authenticity II. Journal of the Indian Academy of Wood Science 24, 35–56.

Welden AL. 1965 – West Indian species of *Vararia* with notes on extralimital species. Mycologia 57, 502–520.