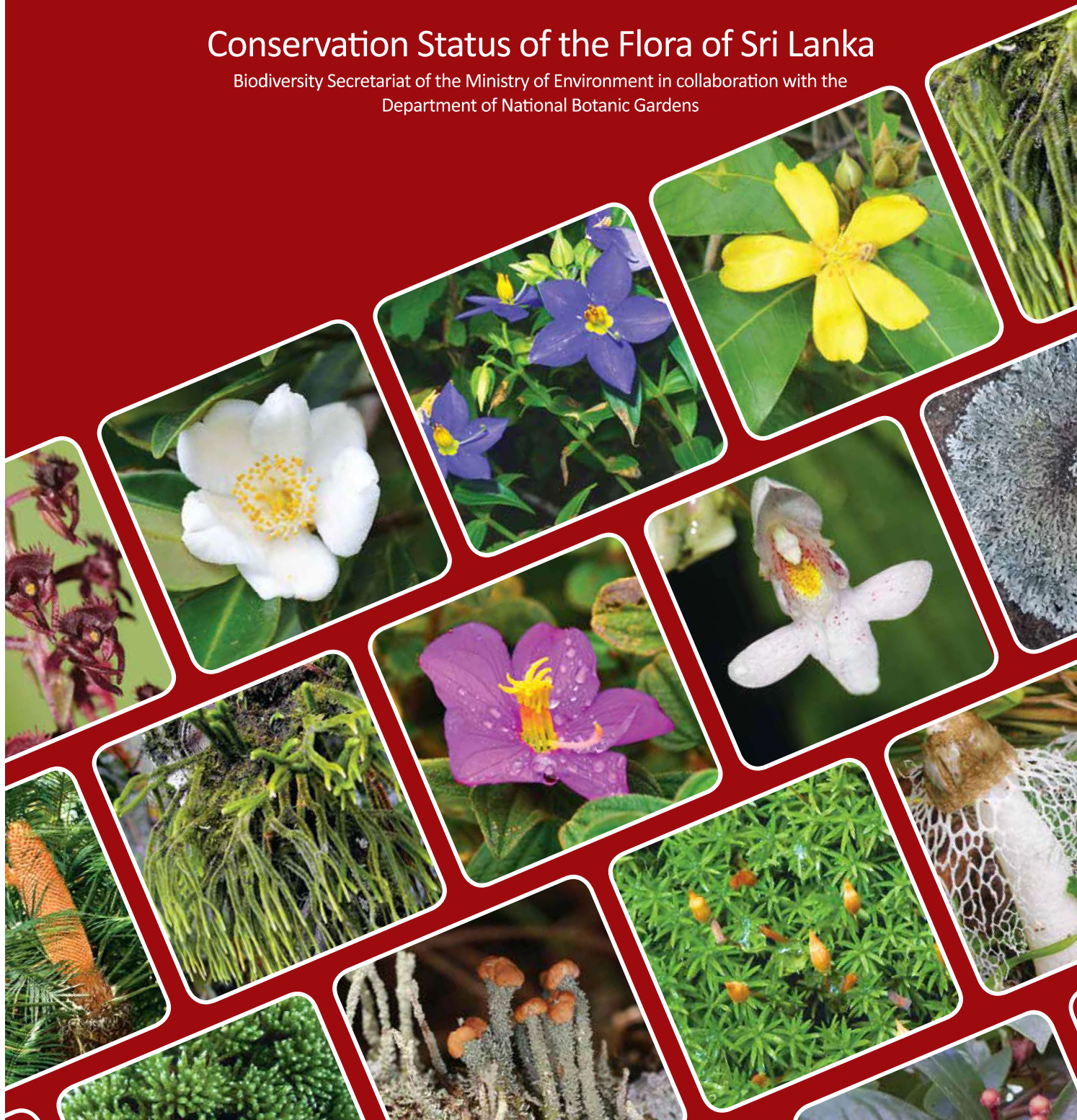




Biodiversity Secretariat of the Ministry of Environment in collaboration with the
Department of National Botanic Gardens



A Provisional List of Fungi in Sri Lanka

Nimal Adikaram^{1,2} and Deepthi Yakandawala²

¹National Institute of Fundamental Studies, Kandy, Sri Lanka.

²Department of Botany, University of Peradeniya, Sri Lanka.

Fungi are one of the largest and most widely distributed, but lesser studied, groups of eukaryotes on earth. Mycologists estimate the total fungal species to be between 2.2-3.8 million on earth (Willis, 2018). Only about 144,000 species of fungi have been identified and described. The Kingdom Fungi is a monophyletic group which implies that all modern fungi can be traced back to a single ancestral organism.

The present phylogenetic classification of fungi recognizes eight phyla within the Kingdom Fungi, Cryptomycota (c.30 spp.), Microsporidia (c.1,250 spp.), Blastocladiomycota (c.220 species), Chytridiomycota (c.980 species), Zoopagomycota (c.900 spp.), Mucoromycota (c.760 spp.), Ascomycota (c.90,000 spp.) and Basidiomycota (c.50,000 spp.) (Willis, 2018). Certain groups that were long believed as 'fungi' such as Oomycota and Myxomycota, with spore-bearing structures, are not recognized as fungi that have evolved from a common ancestor (Willis, 2018). Myxomycota is classified within the Kingdom Protozoa, while Oomycota members that produce motile spores and grow as hyphae with cellulose containing walls are included within the Kingdom Chromista.

Fungi contribute to a significant part of the Sri Lanka's biodiversity. The native fungal flora in Sri Lanka has been conservatively estimated to be around 25,000 species (Adikaram, 2004). Fungi have been studied in Sri Lanka (formerly Ceylon) since 18th century, most exclusively by British Botanist-Mycologists, dating the history of Mycology in Ceylon back to 1783.

The earliest record of fungi in Ceylon by British is probably by Houttuyn (1788) under the names *Peziza ceyloneche* and *Peziza limbosa*. Berkeley and Broome (1870, 1871, 1873) described 403 species of agarics. From 1905-1925, T. Petch collected fungi extensively and published in the *Annals of the Royal Botanic Gardens, Peradeniya*. The outcome of these studies was summarized in an annotated list, as the "Fungi of Ceylon" (Petch and Bisby, 1950) which amount to about 640 genera and 2,182 species.

Recent progress

Since the days of Petch, larger collections of fleshy fungi have not been undertaken in the country. Recent identification of 50 macro-fungi, belonging to Ascomycota and Basidiomycota, was one of the few studies conducted using a medium scale collection (Ediriweera et al. 2014). The approximate number of fungi known to date would be just over 2,500, including the 2,182 species recorded by British prior to 1950. Yet over 85% of the estimated 25,000 species remain unknown.

The information gathered on Sri Lankan fungal flora after 1950 remains scattered. Several handbooks illustrating the morphology of numerous genera of fungi authored by Coomaraswamy (1979; 1981a), Coomaraswamy & De Fonseka (1981b), Coomaraswamy & Kumarasingham (1988) were published by in 1970s by the UNESCO MAB National Committee. These were useful as guides to identification of fungi or disease diagnosis. Agaric Flora of Sri Lanka by David N. Pegler provides illustrated descriptions of over 330 agarics collected in Ceylon and identified during the latter half of 19th century. The first Checklist of Plant Pathogenic fungi and Oomycota in Sri Lanka (Adikaram and Yakandawala, 2020) presents 400 pathogenic species recorded after 1950's. Introduction of molecular tools provided new insights to the identification and description of fungi, adding new taxa most frequently to the Sri Lankan fungal flora.

National resources

A part of the Agarics collection made during Petch's time was sent to Kew Herbarium where they remain deposited. The remainder of the collection was retained at the Central Agricultural Research Institute (IARI), Gannoruwa (presently the Horticultural Research and Development Institute, HORDI). A collection of 412 water-color paintings made by W. de Alwis are in the herbarium of HORDI. Sri Lanka is still to establish a national culture collection or Herbarium for fungi.

Fungal checklists

Two checklists of fungi in Sri Lanka are included in the present manuscript. One of them provides 1,139 species of fungi associated with plants in Sri Lanka belonging to 422 genera and 183 families. Mycosphaerellaceae is the most species-rich family containing 107 species. Genus *Uredo* contains most number of species with 56 and *Cercospora* comes next with 45 species. The second checklist brings in 345 species of Agaric flora belonging to 96 genera known in Sri Lanka.

As an initial step towards conservation and bridging the knowledge gaps on Sri Lankan fungi, the present updating of the National Red inventories included selected fungal groups. The data provided in the list will be useful in the compilation of fungal biodiversity of Sri Lanka. The checklist will, not by any means, be a conclusive list and new records will continue to be added regularly in the future.

Checklist 1

FUNGI ASSOCIATED WITH PLANTS IN SRI LANKA

True fungi (Kingdom - Fungi)

Aecidiaceae

Aecidium emiliae Petch
Aecidium acanthacearum Cooke
Aecidium argyreiae Berk. & Broome
Aecidium breyniae Syd. & P.Syd
Aecidium cassia Bres.
Aecidium elaeagni-latifoliae Petch
Aecidium erythrobasis Berk. & Broom
Aecidium flavidum Berk. & Broome
Aecidium formosanum Syd. & P.Syd.
Aecidium kaernbachii Henn.
Aecidium luculentum Syd. & P.Syd.
Aecidium micranthum Syd. & P.Syd.
Aecidium nummulare Berkeley
Aecidium parsonsiae Petch
Aecidium petchii Sacc. & Trotter
Aecidium polyalthiae Petch
Aecidium rhytismoideum Racib.
Aecidium serpiculae Petch
Aecidium vernoniae-cinereae Petch
Aecidium vernoniae-hookerianae Petch
Aecidium vignae Cooke

Agaricaceae

Cyathus triplex Lloyd
Lepiota oenopoda Berk. & Broome

Amphisphaeriaceae

Ephelis tripsaci (D.Mulder & Arx) Hern.-Restr. & Crous
Gerlachia oryzae (Hashioka & Yokoqi) W.Gams
Pestalotia disseminata Thüm.
Pestalotia lupini Sorauer
Pestalotia mangiferae Henn.
Pestalotia parmarum (Cooke) Steyaert
Pestalotia suffocata Ellis & Everh.
Pestalotia theae Sawada
Pestalotia viticola Cavara
Pestalotiopsis psidii (Pat.) Mordue
Pestalotiopsis versicolor (Speg.) Steyaert

Anthracoideaceae

Cintractia axicola (Berk.) Cornu
Cintractia leucoderma (Berk.) Henn
Cintractia peribebuyensis (Speg.) Sawada
Farysia emodensis (Berk.) Syd. & P.Syd.
Farysia olivacea (DC.) Syd. & P.Syd.

Apiosporaceae

Nigrospora oryzae (Berk. & Broome) Petch

Aplosporellaceae

Aplosporella crypta Petch (Syn. *Haplosporella crypta* Petch.
Aposphaeria heveae Petch

Ascodichaenaceae

Henriquesia ochlandrae Petch

Ascomycota (Family, Incertae sedis)

Aglaospora aculeata Cooke
Cordana musae (Zimm.) Höhn
Denticulria mangiferae (Adikaram, 2020 Unpublished)
Endocalyx thwaitesii Berk. & Broome
Exosporium arecae (Berk. & Broome) Petch

Aspergillaceae

Aspergillus aculeatus Iizuka
Aspergillus flavus Link.
Aspergillus niger van Tieghem
Aspergillus tamarii Kita
Penicillium citrinum Sopp
Penicillium digitatum Sacc.
Penicillium funiculosum Thom.
Penicillium incarnatum Berk. & Broome
Penicillium italicum Wehmer.
Penicillium purpurrogenum Stoll

Asterinaceae

Asterina crustosa Berk. & Cooke
Asterina echinospora Höhn
Asterina sphaerotheca P.Karst. & Roum.
Asterostomella aberiae Petch
Lembosia pavettae Theiss
Tripodsporium gardneri (Berk.) Speg.

Barbatosphaeriaceae

Ceratostomella paradoxa (de Seynes)

Bionectriaceae

Didymostilbe coffeae Henn.
Mycocitrus hypocrellicola (Henn.) Samuels

Botryosphaeriaceae

Botryodiplodia theobromae (Pat.) Griffon & Maubl.
Botryodiplodia diospyri Henn.
Botryodiplodia sorghii Henn.
Botryosphaeria erythrinae Petch
Botryosphaeria inflata Cooke & Massee
Botryosphaeria microspore Petch
Botryosphaeria theicola Petch
Botryosphaeria vanilla (Stoneman)
Botryosphaeria agaves (Henn.) E.J.Butler
Dothiorella anonae Petch
Desmotascus cinnamomi Petch
Desmotascus cocoas Petch
Desmotascus neglectus Petch
Fusicoccum microsporum Har. & P.Karst.
Guignardia camelliae (Cooke) E.J.Butler
Guignardia heveae Syd. & P.Syd.
Guignardia musae Racib.
Guignardia opuntiae Petch
Lasiodiplodia crassisporea T.Burgess & Barber
Lasiodiplodia theobromae (Pat.) Griffon & Maubl.

Macrophoma mantegazziana (Penz.) Berl. & Voglino
Macrophoma musae (Sacc.) Berl. & Voglino
Macrophoma theae Speschnew
Macrophoma theicola Petch
Macrophomina phaseolina (Tassi) Goid.
Macrosporium carotae (Ellis. & Langl.) J.A.Stev. & Wellman
Macrosporium macalpineanum Sacc. & P. Syd.
Neofusicoccum brasiliense M.W.Marques, A.J.L.Phillips
 & Camara (Dissanayake, Yakandawala and Adikaram,
 Unpublished work)
Nattrassia mangiferae (Syd. & P.Syd.) B.Sutton & Dyko
Phyllosticta antirrhiinae Syd.
Phyllosticta antirrhini P.Syd.
Phyllosticta crotalariae Sacc. & Trotter
Phyllosticta disciformis Penz.
Phyllosticta erythrinae Petch
Phyllosticta grevilleae Gadd.
Phyllosticta heveae Henn.
Phyllosticta linocierae Thüm.
Phyllosticta mayilae Petch
Phyllosticta musarum (Cooke) Vander
Phyllosticta physaleos Sacc.
Phyllosticta piperis Henn.
Phyllosticta ramicola Petch
Phyllosticta resedae Petch
Phyllosticta rottlerae (Berk. & Broome) Petch
Phyllosticta sapotae Sacc.
Phyllosticta theae Speschnew
Phyllosticta theobromae J.V.Almeida & Sousa da Câmara
Phyllosticta usteri Speg.
Phyllosticta violae Desm.

Brachybasidiaceae

Kordyana commelinae Petch

Calosphaeriaceae

Calosphaeria sulcata Petch

Ceratobasidiaceae

Rhizoctonia bataticola Taubenh
Rhizoctonia solani J.G.Kühn
Thanatephorus cucumeris (A.B.Frank) Donk

Ceratocystidaceae

Ceratocystis paradoxa (De Seynes) Sacc.
Chalara paradoxa (De Seynes) Sacc.
Chlamydomyces palmarum (Cooke) E.W. Mason
Thielaviopsis paradoxa (De Seynes) Höhn.

Ceratostomataceae

Melanospora zamiae Corda

Chaconiaceae

Goplana dioscoreae Cummins

Chaetomiaceae

Chaetomium globosum Kunze
Trichocladium olivaceum Petch

Chaetothyriaceae

Zukalia rubi Petch

Chionosphaeraceae

Stilbum candidulum Peck
Stilbum durionis Petch
Stilbum nanum Massee
Stilbum villosum

Choanephoraceae

Choanephora cucurbitarum (Berk. & Rav.) Thaxter
Choanephora simsonii D.D.Cunn.

Cladosporiaceae

Cladosporium apicale Berk. & Broome
Cladosporium cladosporioides (Fres.) de Vries
Cladosporium compactusculum Sacc. & P.Syd.
Cladosporium congestum Berk. & Broome
Cladosporium fulvum Cooke
Cladosporium herbarum (Pers.) Link
Cladosporium miyakei Sacc. & Trotter
Cladosporium versicolor T.E.T.Bond

Clavicipitaceae

Balansia bambusae B. & Br.
Balansia brevis (Berk. & Broome) Höhn.
Epichloe cinera Berk. & Broome
Stereocrea schizostachyi Syd. & P.Syd.

Coleosporiaceae

Chrysomyxa bombacis Petch
Cliospora gelatinosa Zimm
Coleosporium balsaminae Syd.
Coleosporium erythrinae Petch
Coleosporium plumeriae Pat.

Corticaceae

Corticium emplastrum Berk. & Broome
Corticium hypophyllum Petch
Corticium invisum Petch
Corticium pervagum Petch
Corticium salmonicolor Berk. & Broome
Corticium solani (Prill. & Delacr.) Bourdot & Galzin
Cytidia hakgallae (Berk. & Broome) G.W.Martin
Laetisaria fuciformis (Berk.) Burds.

Corynesporascaceae

Corynespora cassicola (Burk. & Curtis) Wei

Cronartiaceae

Cronartium premnae Petch.
Endothia tropicalis Roane

Cucurbitariaceae

Pyrenochaeta nipponica De Not.

Cyphellaceae

Cyphella epileuca Berk. & Broom
Dendrocyphella setosa Petch

Davidiellaceae

Heterosporium tropaeoli T.E.T.Bond
Heterosporium wikstroemiae Petch

Dermateaceae

Gloeosporium affine Sacc.
Gloeosporium alborubrum Petch
Gloeosporium cocophilum Wakef.
Gloeosporium coffeanum Delacr.
Gloeosporium cryptum Petch
Gloeosporium heveae Petch
Gloeosporium holstii Henn.
Gloeosporium impariensis Petch
Gloeosporium litseae Petch
Gloeosporium mangae F. Noack
Gloeosporium mangiferae Henn.
Gloeosporium musarum Cooke & Massee
Gloeosporium opuntiae Ellis & Everh. (Petch and Bisby, 1950)
Gloeosporium papayae Henn.
Gloeosporium phomoides Sacc.
Gloeosporium piperatum Ellis & Everh.
Gloeosporium psidii Delacr.
Gloeosporium vanillae Cooke
Niptera epiphytica Petch
Phlyctaena heveae Petch

Diaporthaceae

Diaporthe citri F.A.Wolf
Diaporthe heveae Petch
Leptothyrium theae Petch
Phomopsis caricae papayae Petr. & Cif.
Phomopsis cocoes Petch
Phomopsis lobeliae (Berk. & Broome) Petch
Phomopsis phaseoli Petch
Phomopsis psidii Nag Raj & Ponnappa
Phomopsis theae Petch
Phomopsis vexans (Sacc. & P.Syd.) Harter
Phomopsis viticola (Sacc.) Sacc.

Diatrypaceae

Diatrype chlorosarca Berk. & Broome
Diatrype conferta Petch
Eutypa conjuncta Petch
Eutypa phaselina (Mont.) Sacc.
Peroneutypa variabilis Petch

Didymellaceae

Ascochyta abelmosehi Harter
Ascochyta cyphomandrae Petch
Ascochyta eyphomandrae Petch
Ascochyta heveae Petch
Ascochyta lobelia Petch
Ascochyta oleracea Ellis
Ascochyta passiflorae Penz. & Sacc.
Ascochyta pisi Lib.
Ascochyta rosicola Sacc.
Ascochyta theae (Hara) Petch and Bisby

Coniothecium chomatosporum Corda
Coniosporium tetrantherae (Thüm.) Sacc.
Epicoccum theobromae Petch
Phoma aterrima Petch
Phoma barringtoniae Cooke & Massee
Phoma camelliae Pass
Phoma cocoicola Petch
Phoma durionis Petch
Phoma glumarum Ellis & Tracy
Phoma heveae Petch
Phoma insidiosa Tassi
Phoma justiciae Petch
Phoma macdonaldii Boerema
Phoma murrayae Petch
Phoma orchidearum Ces.

Didymiaceae

Diderma chondrioderma (de Bary & Rostaf.) G.Lister
Diderma rugosum (Rex) T.Macbr.
Didymobotryum rigidum (Berk. & Broome) Sacc.

Didymosphaeriaceae

Didymosphaeria theae Petch
Spegazzinia tessarthra (Berk. & M.A.Curtis) Sacc.

Dipodascaceae

Geotrichum candidum Link.

Dothideomycetes (Family, Incertae sedis)

Septonema exaltatum Petch
Septonema olivaceonigrum Berk. & Broome

Dothioraceae

Dothiora symploci Petch (Petch, 1926)
Metasphaeria cocoes Speg. (Petch and Bisby, 1950)
Metasphaeria nesodes (Berk. & Broome) Petr.(Petch, 1917)
Metasphaeria plegmariae (Ces. & Becc.) Sacc. (Petch and Bisby, 1950)

Drepanopezizaceae

Diplocarpon rosea Wolf.

Elsinoaceae

Elsinoe canavaliae Racib.
Elsinoe fawcetti Bitanc. & Jenkins
Elsinoe theae Bitanc. & Jenkins
Sphaceloma fawcetti Jenkins
Zukaliopsis heveae Petch

Englerulaceae

Capnodiastrum congestum Cooke & Massee

Entylomataceae

Entyloma dahlia Syd. & P.Syd.
Entyloma fuscum J.Schröt.

Eremotheciaceae

Nematospora coryli Peglion

Erysiphaceae

Erysiphe cichoracearum DC.
Erysiphe polygoni DC.
Erysiphe quercicola S.Takam
Erysiphe sp. (Ratnayake et al., 2016b)
Oidiopsis taurica (Lév.) E.S.Salmon
Oidium heveae B.A.Steinm.
Oidium mangiferae Berthet Bolm.
Oidium nephelii Hadiw.
Oidium quercinum Thüm.
Oidium tabaci Thüm.
Oidium tingitaninum J.C.Carter
Oidium tuckeri Berk.
Oospora aurantii Petch
Oospora grisea Petch
Oospora lactis (Fresen.) Sacc.
Ovulariopsis moricola Delacr.
Sphaerotheca pannosa (Wallr.) Lév.

Exidiaceae

Sebacina rufochracea Höhn.

Exobasidiaceae

Exobasidium cinnamomi Petch
Exobasidium indicum Syd. P.Syd. & E.J.Butler
Exobasidium vaccinii (Fuckel) Woronin
Exobasidium vexans Massee
Exobasidium zeylanicum Petch

Geoglossaceae

Phaeoglossum zeylanicum Petch

Ganodermataceae

Ganoderma applanatum (Pers.) Pat.
Ganoderma boninense Pat.
Ganoderma lucidum (Curtis) P.Karst.
Gliocladium roseum Bainier

Glomerellaceae

Colletotrichum acutatum J.H.Simmonds
Colletotrichum asianum Prihastuti, L.Cai & K.D.Hyde
Colletotrichum brachytrichum Delacr.
Colletotrichum camelliae Massee
Colletotrichum capsici (Syd. & P.Syd.) E.J. Butler & Bisby
Colletotrichum coccodes (Wallr.) Hughes
Colletotrichum crotalariae Petch
Colletotrichum dracaenae Petch
Colletotrichum endophytica Manamgoda, Udayanga, Cai & Hyde
Colletotrichum erythrinae Koord.
Colletotrichum ficus Koord.
Colletotrichum fructicola Prihastuti, Cai & Hyde
Colletotrichum funtumiae Petch.
Colletotrichum gigasporum Rakotonir. & Munaut
Colletotrichum gloeosporioides (Penz.) Penz. & Sacc.
Colletotrichum graminicola (Ces.) G.W.Wilson
Colletotrichum heveae Petch
Colletotrichum higginsianum Sacc.

Colletotrichum incarnatum Zimm.
Colletotrichum laticiphilum Damm, P.F.Cannon & Crous
Colletotrichum lindemuthianum (Sacc. & Magnus) Briosi & Cava
Colletotrichum musae (Berk. & M.A.Curtis) Arx
Colletotrichum nigrum Ellis & Halst.
Colletotrichum nymphaeae (Pass.) Aa
Colletotrichum orchidearum Allesch.
Colletotrichum paucisetum Petch
Colletotrichum phomoides (Sacc.) Chester
Colletotrichum piperis Petch
Colletotrichum ricini Petch
Colletotrichum seminicola (Berk. & Broome) Petch
Colletotrichum siamense Prihast. L.Cai & K.D.Hyde
Colletotrichum simmondsii R.G.Shivas & Y.P.Tan
Colletotrichum tropicale Rojas, Rehner & Samuels
Colletotrichum truncatum (Schwein.) Andrus & W.D.Moore
Colletotrichum urenae Petch
Colletotrichum zingiberis (Sundar.) E.J.Butler & Bisby.
Glomerella cingulata (Stoneman) Spauld. & H.Schrenk.
Glomerella gossypii Edgerton.
Glomerella musarum Petch
Glomerella piperata (Stoneman) Spauld. & H.Schrenk
Glomerella vanillae (Stoneman) Sacc. & Traverso

Glomosporiaceae

Sorosporium andropogonis-aciculati (Petch) Petch
Sorosporium paspali McAlpine

Gomphaceae

Pistillaria actiniceps (Petch) Corner

Graphiolaceae

Graphiola phoenicis (Moug. ex Fr.) Poit

Helicobasidiaceae

Helicobasidium compactum (Boedijn) Boedijn
Tubercularia cansjerae Petch
Tubercularia hibisci Petch
Tubercularia leguminicola Petch
Tubercularia nigromaculans Petch
Tubercularia persicina Ditmar

Helminthosphaeriaceae

Ceratospodium productum Petch

Helotiaceae

Gorgoniceps marginata Petch

Hyaloscyphaceae

Helotiopsis apicalis (Berk. & Broome) Höhn

Hydnaceae

Hydnum vagans Petch

Hygrophoraceae

Arrhenia minuta Petch

Hymenochaetaceae

Hymenochaete pellicula Berk. & Broome
Phellinus lamaensis (Murrill) Pat.
Phellinus noxius (Corner) G.H.Cunn.

Hypocreaceae

Clintoniella fusigera (Berk. & Broome) Petch
Hypocrea bambusae Berk. & Broome
Hypocrea pezizoides Berk. & Broome

Hypocreales (Family, Incertae sedis)

Trichothecium luteum Petch
Ustilaginoidea virens (Cooke) Takah.

Hyponectriaceae

Hyponectria embeliae Petch
Hyponectria eugeniae Petch
Hyponectria memecyli Petch
Micronectria eugeniae Petch
Physalospora adianthi Höhn.

Hypoxylaceae

Hypoxyton carneum Petch
Hypoxyton olivaceum Petch
Hypoxyton vestitum Petch

Hysteriaceae

Glioniella drynariae (B. & Br.) Massee

Lachnocladiaceae

Lachnocladium aurantiacum (Berk. & Broome) Petch

Lasiosphaeriaceae

Lasiosphaeria tephrocoma (Berk. & Broome) Sacc.

Leotiomycetes (Family, Incertae sedis)

Pycnidiella resinae (Ehrenb.) Höhn.

Leptosphaeriaceae

Coniothyrium theae Petch.
Leptosphaeria depressa Wehm. & S.Ahmad
Leptosphaeria molleriana Niessl
Leptosphaeria musarum Sacc. & Berl.
Leptosphaeria sacchari Speg
Leptosphaeria smilacis (Castagne) Sacc.
Leptosphaeria tornatospora Petch

Magnaporthaceae

Magnaporthe grisea (T.T.Hebert) M.E.Barr
Magnaporthe oryzae B.C.Couch.
Magnaporthe salvinii (Catt.) R.A.Krause & R.K.Webster

Marasmiaceae

Marasmius crinis-equi F.Muell. ex Kalchbr.
Marasmius equicrinis F.Muell. ex Berk.
Marasmius leveillanus (Berk.) Sacc. & Trotter
Marasmius pulcher (Berk. & Broome) Petch
Marasmius stenophyllus (Mont.) Singer

Massariaceae

Massaria theicola Petch

Massarinaceae

Helminthosporium albizziae Petch
Helminthosporium extensum Petch
Helminthosporium garciniae Petch
Helminthosporium heveae Petch
Helminthosporium incurvatum C.Bernard
Helminthosporium nodulosum Berk. & M.A.Curtis ex Sacc.
Helminthosporium oryzae Breda de Haan
Helminthosporium ravenelii M.A.Curtis
Helminthosporium sacchari E.J.Butler
Helminthosporium solani McAlpine
Helminthosporium turcicum Pass.
Massarina biconica Petch
Stagonospora theicola Petch

Melampsoraceae

Melampsora acalyphae Petch
Melampsora epitea Thüm
Melampsora helioscopiae (Pers.) Castagne
Melampsora ricini Pass.

Melanconidaceae

Melanconium circumscissum (Berk. & Broome) Grove
Melanconium confusum (Berk. & Broome) Petch
Melanconium dendrocalami Petch
Melanconium fructicola Petch
Melanconium palmarum Cooke
Melogramma lobeliae Petch

Melanopsaceae

Melanops inflata (Cooke & Massee) Weese

Meliolaceae

Actinodothis piperis Syd. & P.Syd.
Meliola amphitricha Mont.
Meliola calostroma (Desm.) Höhn.
Meliola furcata Lévl.
Meliola ganglifera Kalchbr.
Meliola hyalospora Lévl.
Meliola moerenhoutiana Mont.
Meliola mollis Berk. & Broome
Meliola pleurostyliae (Berk. & Broome) Höhn.
Meliola tetradeniae (Berk.) Theiss. & Syd.

Meripilaceae

Rigidoporus lignosus (Klotzsch) Imazeki
Rigidoporus microporus (Sw.) Overeem

Meruliaceae

Ceriporiopsis hypolateritius (Berk. ex Cooke) Ryvarden
Merulius eurocephalus (Berk. & Broome) Petch
Merulius gelatinosus Lloyd

Microbotryaceae

Sphacelotheca hydropiperis (Schumach.) de Bary
Sphacelotheca monilifera (Ellis & Everh.) G.P.Clinton

Sphacelotheca nardi (Syd. & P.Syd.) Zundel
Sphacelotheca sorghi (Link) Clinton
Sphacelotheca spermoidea (Berk. & Broome) Mundk.

Micropeltidaceae

Micropeltella confluens Petch

Microthyriaceae

Calothyrium reticulatum Petch
Monorhizina filicina (Berk. & Broome) Theiss. & Syd.

Mikronegeriaceae

Blastospora hedyotidis Petch

Mucoraceae

Rhizopus artocarpi (Berk. & Broome) Boedijn
Rhizopus oryzae Went & Prins.
Rhizopus stolonifer (Ehrheb.) Vuill.

Mycenaceae

Mycena aculeifera Petch
Mycena farinosa Petch
Mycena illuminans Henn.
Mycena longiseta Höhn.
Mycena paediscula Berk. & Broome

Mycosphaerellaceae

Arthrobotryum glochidii Petch
Asperisporium caricae (Speg.) Maubl.
Cercospora averrhoae Petch
Cercospora beticola Sacc.
Cercospora blumeae Thüm.
Cercospora brassicicola P.Henn.
Cercospora bruceae Petch
Cercospora calpurniae Petch
Cercospora capsici É.J.-Marchal & Steyaert
Cercospora cardiospermi Petch
Cercospora carotae (Pass.) Solheim
Cercospora cearae Petch.
Cercospora cordobensis Speg.
Cercospora cruenta Sacc.
Cercospora dilleniae Petch
Cercospora dioscoreae Ellis & G.Martin
Cercospora gossypina Cooke
Cercospora henningsii Allesc
Cercospora hibisci Tracy & Earle
Cercospora hiptages
Cercospora iteodaphnes (Thüm.) Sacc.
Cercospora janseana (Racib.) Constant.
Cercospora medicaginis Ellis & Everh.
Cercospora melongenae Welles
Cercospora musae Massee
Cercospora nicotianae Ellis & Everh.
Cercospora oryzae I.Miyake
Cercospora personata (Berk. & M.A.Curtis) Ellis
Cercospora piaropi Tharp
Cercospora pseudarthriae Petch
Cercospora ricinella Sacc. & Berl.

Cercospora rodmanii Conway
Cercospora rosicola Pass.
Cercospora sesame Zimm.
Cercospora solani Thüm
Cercospora subsessilis Syd. & P.Syd.
Cercospora ternateae Petch
Cercospora theae Breda de Haan
Cercospora tiglijii Henn.
Cercospora viticola Sacc.
Cercospora woodfordiae Petch
Cercospora zinnia Ellis & G.Martin
Cercospora ziziphi Petch
Cercosporella brassicae (Fautrey & Roum.) Höhn
Cercosporella crataevae (Berk. & Broome)
Cercosporella theae Petch
Isariopsis griseola Sacc.
Microcyclus walsurae Syd. & P.Syd.
Mycosphaerella camelliae Petch
Mycosphaerella citrullina (Chester) Grossenb.
Mycosphaerella fijiensis Morelett
Mycosphaerella eumusae Crous & Mour.
Mycosphaerella henningsii Sivan.
Oligostroma strychni Petch
Ovularia aurantii McAlpine
Ovularia bixae Racib.
Ovularia veronicae Dufrenoy
Phaeophleospora elaeocarpi Rangel
Ramularia areola G.F.Atk.
Septoria apii Chester
Septoria arisaemae Petch
Septoria cocoas Petch
Septoria dianthi (Alb. & Schwein.) Desm.
Septoria drummondii Ellis & Everh.
Septoria graminum Desm.
Septoria lactucae Pass.
Septoria lactucae Peck
Septoria lycopersici Sacc.
Septoria nesodes Kalchbr.
Septoria obesa Syd. & P.Syd.
Septoria violae Westd.
Sphaerella citricola McAlpine
Sphaerella cleidii Sacc.
Sphaerella crotalariae Petch
Sphaerella depazeiformis (Auersw.) Ces. & De Not.
Sphaerella fragariae (Tul. & C.Tul.) Sacc.
Sphaerella gastonis Sacc.
Sphaerella heveae Petch
Sphaerella lobeliae Pass.
Sphaerella rosigena Ellis & Everh.
Sphaerella senecionis Petch
Sphaerella spinicola Pass.
Sphaerella vernoniae Petch
Sphaerulina mappiae (Petch) Bond

Myelospermataceae

Myelosperma tumidum Syd. & P.Syd.

Nectriaceae

Actinostilbe vanilla Petch
Calonectria theae Loos
Cylindrocladium pithecolobii Petch
Cylindrocladium quinquesepatum Boedijn & Reitsma
Fusarium acuminatum Wollenw.
Fusarium avenaceum (Fr.) Sacc.
Fusarium culmorum (W.G.Sm.) Sacc.
Fusarium decemecellulare Brick
Fusarium epithele McAlpine
Fusarium graminearum Schwabe
Fusarium heterosporum Nees & T.Nees
Fusarium mangiferae Britz, M.J.Wingf. & Marasas
Fusarium moniliforme Sheldon
Fusarium orchidis Petch
Fusarium oxysporium pv. dianthi
Fusarium oxysporum f. sp. Cepae
Fusarium oxysporum f. sp. Cubenase (Foc).
Fusarium oxysporum f. sp. Lycopersici race 1
Fusarium oxysporum f. sp. Nicotianae
Fusarium oxysporum f. sp. Niveum
Fusarium oxysporum f. sp. radicle-lycopersici
Fusarium pallidoroseum (Cooke) Sacc.
Fusarium proliferatum (Matsush.) Nirenberg
Fusarium semitectum Berk. & Ravenel
Fusarium solani (Mart.) Appel & Wollenw
Fusarium verticillioides (Sacc.) Nirenberg
Gibberella fujikuroi (Sawada) Wollenw.
Gliocephalotrichum microchlamydosporum J.A.Mey
B.J.Willey & F.G.Simmons
Monosporium squamicola (Berk. & Broome) Petch
Nectria albofulta Petch
Nectria bambusae Berk. & Broome
Nectria bomba Petch
Nectria haematococca Berk. & Broome
Nectria lucida Höhn.
Nectria pulcherrima Berk. & Broome
Nectria striatospora Zimm.
Neocosmospora ambrosia (Gadd & Loos) L.Lombard & Crous
Neocosmospora vasinfesta E.F.Smith
Ophionectria anomala Petch
Sphaerostilbe repens Berk. & M.A.Curtis

Nitschkiaceae

Bertia tessellatea Petch
Fracchiacea depressa Petch
Fracchiacea hystricula (Berk. & Broome) Petch

Orbiliaceae

Monacrosporium ovatum Petch

Parmulariaceae

Cocconia placenta (Berk. & Broome) Sacc.
Dothidasteroma maculosum (Berk. & Broome) Höhn
Monorhiza nervisequia (Sacc.) Theiss. & Syd.
Parmulina exsculpta (Berk.) Theiss. & Syd.

Parodiellaceae

Parodiella perisporioides (Berk. & M.A.Curtis) Speg.

Parodiopsidaceae

Balladyna butleri Syd. & P.Syd.
Dimerosporina amomi (Berk. & Broome) Höhn.

Patellariaceae

Patellaria purpurea Petch

Peniophoraceae

Peniophora decidua Petch
Peniophora fracta Petch

Pezizomycotina (Family, Incertae sedis)

Actinonema rosae (Lib.) Fr.
Arthrobotryum infundibuliforme Petch
Ceratophorum albizziae Petch
Ceratophorum setosum Kirchn.
Cytospora discoides Petch
Helicostilbe simplex Petch
Hormiactis rosea Petch
Lacellina graminicola (Berk. & Broome) Petch
Leptostromella swertiae Petch
Moniliochaetes infuscans Halst. ex Harter
Peltistromella anomala Petch
Phaeotrichoconis crotalariae M.A.Salam & P.N.Rao
Pleocyta sacchari (Massee) Petrak & Sydow
Podosporium sparsum (Berk. & Broome) Petch
Septogloeum dumasiae Petch
Septogloeum limoniae Petch
Septogloeum mappiae Petch
Sirothecium globosum Petch
Sphaeronaema album Petch
Sphaeronaema nigrum Petch
Sporodesmium striatum Petch
Zygosporeum oscheoides Mont.
Zythia bicolor (Berk. & Broome) Cooke & Massee

Phaeochoeraceae

Phaeochoera calamigena (Berk. & Broome) Theiss. & Syd.

Phaeosphaeriaceae

Ampelomyces quisqualis Ces.
Hendersonia confluens Petch
Hendersonia heveae Petch
Hendersonia macrospora Petch
Hendersonia obesa Petch
Hendersonia rosicola Petch
Hendersonia sacchari E.J.Butler
Hendersonia symplaci Berk. & Broome
Ophiobolus oryzae Sacc.
Phaeodothis isachnes Petch
Phaeodothis sparsa Petch

Phakopsoraceae

Catenulopsora flacourtiae Mundk. & Thirum.
Cerotelium fici (Castagne) Arthur

Crossopsora ziziphi Syd., P.Syd. & E.J.Butler) Syd. & P.Syd.
Phakopsora desmum Cummins
Phakopsora vitis P.Syd.

Phanerochaetaceae

Irpex destruens Petch
Irpex flavus (Jungh.) Kalchbr.
Irpex subvinosus (Berk. & Broome) Petch

Phomatosporaceae

Phaeaspiis gomphispora (Berk. & Broome) Clem. & Shear

Phragmidiaceae

Gymnoconia patouillardii Trotter
Kuehneola aliena Syd., P.Syd. & E.J.Butler
Phragmidium mucronatum (Pers.) Schltdl.
Phragmidium orientale Syd. & P.Syd.
Phragmidium subcorticium (Schränk) G.Winter
Phragmidium zeylanicum Petch

Phyllachoraceae

Catacauma aspideum (Berk.) Theiss. & Syd.
Catacauma gracillimum (Speg.) Theiss. & Syd.
Catacauma infectarium (Cooke) Theiss. & Syd.
Catacauma microcentum (Berk. & Broome) Theiss. & Syd.
Catacauma repens (Corda) Theiss. & Syd.
Neobarclaya congesta (Berk. & Broome) Petch
Phyllachora andropogonis P.Karst. & Har.
Phyllachora catervaria (Berk.) Sacc.
Phyllachora cyperi Rehm
Phyllachora dolichogena (Berk. & Broome) Sacc.
Phyllachora glycosmidis Petch
Phyllachora graminis (Pers.) Fuckel
Phyllachora hibisci Rehm
Phyllachora hugoniae Theiss. & Syd.
Phyllachora incarcerate (Berk.) Sacc.
Phyllachora ixorae Theiss. & Syd.
Phyllachora pongamiae (Berk. & Broome) Petch
Phyllachora stenosporea (Berk. & Broome) Sacc.
Phyllachora tetrantherae (Berk. & Broome) Sacc.
Phyllachora thwaitesii (Berk.) Sacc.
Phyllachora tragiae (Berk. & M.A.Curtis) Sacc.
Phyllachora vanderystii Theiss. & Syd.
Phyllachora winkleri Syd. & P.Syd.
Placostroma elettariae (Berk. & Broome) Theiss. & Syd.
Rehmiodothis osbeckiae (Berk. & Broome) Theiss. & H.Sydow

Physalacriaceae

Armillaria fuscipes Petch
Armillaria mellea Vahl

Physodermataceae

Physoderma maydis (Miyabe) Miyabe

Pileolariaceae

Ctenoderma toddaliae (Petch) Syd.
Skierka petchii (Syd.) Mains

Plectosphaerellaceae

Verticillium niveum Petch
Verticillium theobromae (Turc.) E.W.Mason & S.Hughes

Pleosporaceae

Alternaria alternata (Fr.) Keissl.
Alternaria brassicae (Berk.) Sacc.
Alternaria brassicicola (Schwein.) Wiltshire
Alternaria carotae (Ellis & Langl.) J.A.Stev. & Wellman
Alternaria herculeana (Ellis & G.Martin) A.Elliott
Alternaria oleracea Milb.
Alternaria padwickii (Ganguly) M.B.Ellis
Alternaria porri (Ellis) Ciffer
Alternaria solani (Ellis & G.Martin) L.R.Jones
Alternaria tinui Nees
Bipolaris oryzae (Breda de Haan) Shoemaker
Cerebella andropogonis Ces.
Cerebella anthistiriae Petch
Cerebella cynodontis Syd.
Cerebella inquinans (Berk. & Broome) Petch
Cerebella ischaemi Petch
Cerebella sorghii Tracy & Earle
Cochliobolus miyabeanus (S.Ito & Kurib.) Drechsler ex Dastur
Curvularia fallax Boedijn
Curvularia hawaiiensis (Bugnic. ex M.B.Ellis) Manamgoda, L.Cai & K.D.Hyde
Curvularia lunata (Wakker) Boedijn
Curvularia pallescens Boedijn
Curvularia tuberculata B.L.Jain
Drechslera graminiae (Rabenh.) S.Ito
Drechslera rostrata (Drechsler) M.J.Richardson & E.M. Fraser

Pleosporomycetidae (Family, Incertae sedis)

Sporocybe compacta Petch

Pleurostomataceae

Pleurostomophora richardsiae (Nannf.) L.

Polyporaceae

Fomes applanatus (Pers.) Gillet
Fomes caryophylli (Racib.) Bres.
Fomes floccosus (Bres.) Lloyd
Fomes lamaoensis (Murrill) Sacc. & Trotter (Petch and Bisby, 1950)
Fomes lignosus (Klotzsch) Bres.
Fomes lucidus (Curtis) Cooke
Fomes noxius Corner
Polyporus mesotalpae Lloyd
Poria hypolateritia Berk. ex Cooke
Poria rubrochorda Petch
Trametes corrugate (Pers.) Bres.
Trametes mollis (Sommerf.) Fr.
Tremella moriformis Sm. & Sowerby

Polystomellaceae

Dothidella calophylli Petch
Marchalia spurcaria (Berk. & Broome) Sacc.

Pseudoperisporiaceae

Lizonia orbis (Berk.) Petch

Pterulaceae

Pterula xylogena (Berk. & Broome) Petch

Pucciniaceae

Cystopsora oleae E.J.Butler
Puccinia abutili Berk. & Broome
Puccinia anaphalidis (Miyabe) Sacc. & Trotter
Puccinia arenariae (Schumach.) G.Winter
Puccinia congesta Berk. & Broome
Puccinia crepidis-japonicae (Lindr.) Dietel
Puccinia cynodontis Lacroix ex Desm.
Puccinia droogensis E.J.Butler
Puccinia duthiae Ellis & Tracy
Puccinia eragrostidis Petch
Puccinia exhaustiens Thüm.
Puccinia ferruginea Lév.
Puccinia flaccida Lév.
Puccinia heterospora Berk. & M.A.Curtis
Puccinia isachnes (Petch) Petch
Puccinia kuehnii (W.Krüger) E.J.Butler
Puccinia kusanoi Dietel
Puccinia longicornis Pat. & Har.
Puccinia mysorensis Syd., P.Syd. & E.J.Butler
Puccinia nakanishikii Dietel
Puccinia pelargonii-zonalis Doidge
Puccinia penniseti Barclay
Puccinia phyllocladiae Cooke
Puccinia pogonatheri Petch
Puccinia polygonii-amphibii Pers.
Puccinia pruni-spinosae Pers.
Puccinia purpurea Cooke
Puccinia romagnoliana Maire & Sacc.
Puccinia ruelliae Lagerh.
Puccinia rufipes Dietel
Puccinia shiraiana P.Syd.
Puccinia sonchii Roberge ex Desm.
Puccinia sorghi Schwein.
Puccinia spongiosa Berk. & Broome
Puccinia substriata Ellis & Barthol.
Puccinia tabernaemontanae Berk. & Broome
Puccinia thwaitesii Berk.
Puccinia uralensis Tranzschel
Puccinia vernoniae-scariosae Petch
Uromyces anotidis Petch
Uromyces apludae Syd. & E.J.Butler
Uromyces appendiculatus (Pers.) Lév.
Uromyces bidentis Lagerh.
Uromyces blainvilleae Berk.
Uromyces decorates Syd. & P.Syd.
Uromyces dianthi (Pers.) Niessl
Uromyces echinulatus Niessl
Uromyces fabae de Bary ex Cooke
Uromyces hobsoni Vize
Uromyces linearis Berk. & Broome
Uromyces mucunae Rabenh.

Uromyces pseudarthrae Cooke
Uromyces rumicis (Schumach.) G.Winter
Uromyces scleriae Henn.
Uromyces setariae-italicae Yoshino
Uromyces sojiae (Henn.) Syd. & P.Syd.
Uromyces vestergreni P.Syd. & Syd.
Uromyces vignae Barclay
Xenostele echinacea (Berk.) Syd. & P.Syd.
Xenostele litseae (Pat.) Syd. & P.Syd.

Pucciniales (Family, Incertae sedis)

Hemileia phaji (Racib.) P.Syd. & Syd.
Hemileia vastatrix Berk. & Broome
Hemileia wrightiae (Racib.) Racib.
Uredo amomi Petch
Uredo andropogonis-zeylanici Petch
Uredo anthistiriae Petch
Uredo anthistiriae-tremulae Petch
Uredo argyreiae Petch
Uredo artocarpi Berk. & Broome
Uredo callicarpae Petch
Uredo caricicola Petch
Uredo cassiae-bicapsularis Petch
Uredo cassiae-glauciae Syd. & P.Syd.
Uredo chasaliae Petch
Uredo clerodendricola Vienn.-Bourg.
Uredo commelinae Speg.
Uredo cudraniae Petch
Uredo cymbopogonis-polyneuri Petch
Uredo dendrocalami Petch
Uredo desmodii-pulchelli Syd. & P.Syd.
Uredo dianellae Dietel
Uredo dioscoreae-alatae Racib.
Uredo dioscoreae-sativae Syd. & P.Syd.
Uredo dregiae Petch
Uredo elephantopodis Petch
Uredo emiliae-zeylanicae Petch
Uredo erythrinae Henn.
Uredo gynurae Petch
Uredo hemidesmi Petch
Uredo hyperici-japonici Petch
Uredo hyperici-mysorensis Petch
Uredo ignobilis Syd. & P.Syd.
Uredo ischaemi-ciliaris Petch
Uredo lipocarphae Syd. & P.Syd.
Uredo lophantheri Petch
Uredo marisci Petch
Uredo meliosmae Petch
Uredo microglossae Petch
Uredo momordicae Petch
Uredo ochlandrae Petch
Uredo operta Syd. P.Syd. & E.J.Butler
Uredo ophiopogonis Syd. & P.Syd.
Uredo ophiorrhizae Petch
Uredo panici-montani Petch
Uredo panici-villosi Petch
Uredo paspali-longiflori Petch
Uredo paspali-perrottetii Petch

Uredo paspali-scrobiculati Syd. & P.Syd.
Uredo phyllanthi-longifolii Petch
Uredo phyllanthi-reticulati Petch
Uredo pouzolziae Syd. & P.Syd.
Uredo pseudocannae Cummins
Uredo sissoo Syd., P.Syd. & E.J.Butler
Uredo socotrae Syd. & P.Syd.
Uredo sopubiae Petch
Uredo tectonae Racib.
Uredo tephrosiae Rabenh.
Uredo trichosanthes Petch
Uredo vernoniicola Petch

Pucciniastreaceae

Pucciniastrum agrimoniae (Dietel) Tranzschel
Pucciniastrum boehmeriae (Dietel) Syd. & P.Syd.

Punctulariaceae

Punctularia atropurpurascens (Berk. & Broome) Petch

Pyriculariaceae

Pyricularia oryzae Cava

Raveneliaceae

Diorchidium laevigatum Syd. & E.J.Butler
Diorchidium orientale Syd., P.Syd. & E.J.Butler
Diorchidium polyalthiae Syd. & P.Syd.
Ravenelia aculeifera Berk.
Ravenelia berkeleyi Mundk. & Thirum.
Ravenelia breyniae-patentis Thirum. & Mundk.
Ravenelia emblicae Syd. & P.Syd.
Ravenelia hobsoni Cooke
Ravenelia sessilis Berk.
Ravenelia stictica Berk. & Broome

Rhytismataceae

Hypodermella symploci Petch
Lophodermium fourcroyae (Berk. & Broome) Massee
Terriera furcraeae (Berk. & Broome) P.R.Johnst.

Sarcosomataceae

Sarcosoma thwaitesii (Berk. & Broome) Petch

Sarocladiaceae

Sarocladium oryzae (Sawada) W.Gams & D.Hawksw

Sclerotiniaceae

Botrytis cinerea Pers.
Monilinia fructicola (G. Winter) Honey
Sclerotinia sclerotiorum (Lib.) de Bary

Septobasidiaceae

Septobasidium accumbans (Berk. & Broome) Bres.
Septobasidium aligerum Petch
Septobasidium boedijnii Couch
Septobasidium bogoriense Pat.
Septobasidium curtisii (Berk. & Desm.) Boedijn & B.A.Steinm.
Septobasidium patchii Couch ex L.D.Gómez & Henk

Septobasidium rimulosum Petch & Couch
Septobasidium scabiosum Couch & Petch ex L.D.Gómez & Henk
Septobasidium suffultum (Berk. & Broome) Pat.
Septobasidium theae Boedijn & B.A.Steinm
Septobasidium thwaitesii (Berk. & Broome) Pat.
Septofusidium elegantulum (Pidopl.) W.Gams
Uredinella spinulosa Couch & Petch

Seuratiaceae

Atichia millardeti Racib

Sordariomycetes (Family, Incertae sedis)

Rhopographella ochlandrae Petch
Rhynchosphaeria sepulta Petch

Sphaerophragmiaceae

Hapalophragmium derridis Syd. & P.Syd.
Hapalophragmium ponderosum Syd., P.Syd. & E.J. Butler
Nyssopsora thwaitesii (Berk. & Broome) Syd.

Stachybotryaceae

Myrothecium roridum Tode

Stereaceae

Stereum thwaitesii (Berkeley & Broome) Petch

Stictidaceae

Stictis radiata (L.) Pers.

Strophariaceae

Flammula dilepis (Berk. & Broome) Sacc.
Pholiota badia Petch

Taphrinaceae

Taphrina cornu-cervi Giesenh.
Taphrina deformans (Berk.) Tul.
Taphrina laurencia Giesenh.
Taphrina maculans E.J.Butler

Thelephoraceae

Skepperia zeylanica Petch

Thyridariaceae

Thyridaria pteridis Petch
Thyridium flavum Petch

Thyridiaceae

Bivonella chrysomella (Berk. & Broome) Sacc.

Tilletiaceae

Tilletia ayresii Berk.

Trichosphaeriaceae

Brachysporium torulosum Syd.

Trichocomaceae

Coremium compressum (Berk. & Broome) Petch
Talaromyces purpurogenus (Stoll) Samson, Yilmaz, Frisvad & Seifert

Tricholomataceae*Clitocybe nigra* Petch**Trichosphaeriaceae***Trichosphaeria fasciculifera* Petch*Trichosphaeria sparsibarba* Petch**Tubeufiaceae***Helicoma recurvum* Petch**Typhulaceae***Sclerotium oryzae* Catt.*Sclerotium rolfsii* Sacc.**Ustilaginaceae***Pericladium grewiae* Pass.*Ustilago anthistiriae* Petch*Ustilago coicis* Bref.*Ustilago digitariae* (Kunze) Rabenh.*Ustilago linearis* (Berk. & Broome) Petch*Ustilago scitaminea* Sydow.*Ustilago tonglinensis* Tracy & Earle**Valsaceae***Laestadia jasmine* Petch*Laestadia pertusa* (Berk. & Broome) Sacc.*Laestadia traversi* Cava**Valsariaceae***Valsaria cinnamomi* (Ces.) Sacc.**Venturiaceae***Fusicladium pongamiae* Syd. & P.Syd.*Phaeosphaerella theae* Petch*Venturia emergens* Petch**Vizellaceae***Vizella guaranitica* Speg.**Xylariaceae***Anthostomella destruens* Shear*Anthostomella palmarum* Petch*Astrocystis mirabilis* Berk. & Broome*Kretzschmaria micropus* (Fr.) Sacc.*Kretzschmaria sphaerocephala* Petch*Nemania diffusa* (Sowerby) Gray*Nummularia porosa* Petch*Penzigia placenta* Petch*Rosellinia arcuata* Petch*Rosellinia bunodes* (Berk. & Broome) Sacc.*Rosellinia caudata* Petch*Rosellinia decidua* Petch*Rosellinia obtusa* Petch*Seynesia ipomoeae* Syd. & P.Syd.*Ustulina deusta* (Hoffm.) Maire*Ustulina zonata* (Lév.) Sacc.*Xylaria ianthino-velutina* (Mont.) Mont.*Xylaria thwaitesii* Berk. & Cooke**Fungal-like organisms****(Kingdom: Chromista, Phylum: Oomycota)****Albugiaceae***Albugo candida* (Pers. Ex. Lev.) Kuntze.*Cystopus bliti* (Biv.) Lév.*Cystopus candidus* (Pers. ex J.F.Gmel.) Lév.*Cystopus ipomoeae-panduratae* (Schwein.) J.A.Stev. & Swingle*Cystopus platensis* Speg.*Cystopus portulacae* (DC. ex Duby) Lév.**Peronosporaceae***Peronospora parasitica* (Pers.) de Bary*Phytophthora arecae* (L.C.Coleman) Pethybr.*Phytophthora botryosa* (Berk. & M.A.Curtis) Rostovtzev*Phytophthora capsici* Leonian*Phytophthora citricola* Sawada*Phytophthora colocasiae* Racib*Phytophthora heveae* A.W.Thompson*Phytophthora infestans* (Mont.) de Bary*Phytophthora meadii* McRae*Phytophthora palmivora* (E.J.Butler) E.J.Butler*Phytophthora parasitica* var. *nicotianae* (Breda de Haan) Tucker*Phytophthora phaseoli* Thaxt.*Plasmopara viticola* (Berk. & M.A.Curtis) Berl. & De Toni*Pseudoperonospora cubensis* (Berkeley & Curtis)

Rostovtzev

Pythiaceae*Pythium aphanidermatum* (Edson) Fitzp.*Pythium graminicola* Subraman.*Pythium myriotylum* Drechsler*Pythium ultimum* Drechsler*Pythium vexans* de Bary

Checklist 2

AGARIC FLORA OF SRI LANKA

Kingdom: Fungi

Phylum: Basidiomycota

Orders: Aphyllophorales, Cantharellales, Agaricales, Boletales, Russiales

- Agaricus actinorachis* Berk. & Br. (Berkeley and Broome, 1871)
Agaricus bolorhizus Berk. & Br. (Berkeley and Broome, 1871)
Agaricus callipeplus Berk. & Br. (Berkeley and Broome, 1871)
Agaricus chloroconius Berk. & Br. (Berkeley and Broome, 1871)
Agaricus croceoplus Berk. & Br. (Berkeley and Broome, 1871)
Agaricus endoxanthus Berk. & Br. (Berkeley and Broome, 1871)
Agaricus flavidorufus Berk. & Br. (Berkeley and Broome, 1871)
Agaricus hemilasius Berk. & Br. (Berkeley and Broome, 1871)
Agaricus lasiophrys Berk. & Br. (Berkeley and Broome, 1871)
Agaricus lituratus Berk. & Br. (Berkeley and Broome, 1871)
Agaricus patchii Pegler (Pegler, 1986)
Agaricus rufoalbus Berk. (Berkeley, 1847)
Agaricus simulans Berk. (Berkeley, 1847)
Agaricus spilocephalus Berk. & Br. (Berkeley and Broome, 1871)
Agaricus stadii (Petch) Pegler (Pegler, 1986)
Agaricus tornocephalus Berk. & Br. (Berkeley and Broome, 1871)
Agrocybe badia (Petch) Pegler (Pegler, 1986)
Agrocybe peradenica Pegler (Pegler, 1986)
Agrocybe semiorbicularis (Bull.) Fayod (Fayod, 1889).
Alboleptonia hyalodepas (Berk. & Br.) Pegler (Pegler, 1983)
Alboleptonia stylophora (Berk. & Br.) Pegler (Pegler, 1977)
Amanita angustilamellata (Hoehnel) Boedijn (Boedijn, 1951a)
Amanita elata (Masse) Corner & Bas. (Corner and Bas, 1962)
Amanita hemibapha (Berk. & Br.) Sacc. (Saccardo, 1887)
Amanita manicula (Berk. & Br.) Pegler (Pegler, 1986)
Amyloflagellula pulchra (Berk. & Br.) Singer (1966)
Anthrachophyllum nigratum (Lev.) Kalchbr. (Kalchbrenner, 1881)
Armillaria fuscipes Petch (Petch, 1909)
Bolbitius fissus Berk. & Br. (Berkeley and Broome, 1871)
Bolbitius glaucopurpureus (Berk. & Br.) Kuehner ex Watl. & Gregory (Pegler, 1986)
Calocybe charistera (Berk. & Br.) Pegler (Pegler, 1986)
Calocybe rubrocyanea (Berk. & Br.) Pegler (Pegler, 1986)
Calocybe theiochroa (Berk. & Br.) Pegler (Pegler, 1986)
Camarophyllus caesius (Berk. & Br.) Pegler (Pegler, 1986)
Camarophyllus nivosus (Berk. & Br.) Pegler (Pegler, 1986)
Camarophyllus singularis (Hoehnel) Singer (Singer, 1973)
Campanella purpureobadia Petch (Petch, 1926)
Campanella pustulata (Berk. & Br.) Pegler (Pegler, 1986)
Campanella simulans (Pat.) Singer (Singer, 1945)
Cantharellus humilis Berk. & Br. (Berkeley and Broome, 1873)
Chaetocalathus semisupinus (Berk. & Br.) Pegler (Pegler, 1986)
Clarkeinda trachodes (Berk.) Singer (Singer, 1949)
Claudopus repens Petch (Petch, 1922)
Clitocybe flavescens Petch (Petch, 1926) *Clitocybe patchii* Pegler (Pegler, 1986)
Clitocybe pyraeces (Berk. & Br.) Sacc. (Saccardo, 1887)
Clitopilus apalus (Berk. & Br.) Petch (Petch, 1917) *Clitopilus peri* (Berk. & Br.) Petch (Petch, 1917)
Collybia chrysoropha (Berk. & Br.) Sacc. (Saccardo, 1887)
Collybia cubistes (Berk. & Br.) Sacc. (Saccardo, 1887)
Collybia diminuta (Berk. & Br.) Sacc. (Saccardo, 1887)
Collybia leucophaea (Berk. & Br.) Sacc. (Saccardo, 1887)
Collybia multijuga (Berk. & Br.) Sacc. (Saccardo, 1887)
Collybia nephelodes (Berk. & Br.) Sacc. (Saccardo, 1887)
Collybia purpureogrisea (Petch) Pegler (Pegler, 1986)
Collybia rufipicta (Berk. & Br.) Sacc. (Saccardo, 1887)
Collybia sublaccata (Berk. & Br.) Pegler (Pegler, 1986)
Conocybe abjecta (Berk. & Br.) Pegler (Pegler, 1986)
Conocybe phaedropis (Berk. & Br.) Pegler (Pegler, 1986)
Conocybe siennophylla (Berk. & Br.) Singer (Singer, 1962)
Conocybe tenera (Schaeff. Fayod (Kühner, 1935)
Conocybe zeylanica (Petch) Boed. (Boedijn, 1951b)
Copelandia cyanescens (Berk. & Br.) Singer (Singer, 1949)
Coprinus brunneofibrillosus Dennis (Dennis, 1961)
Coprinus castaneus Berk. & Br. (Berkeley and Broome, 1871)
Coprinus disseminatus (Pers.) Gray (Gray, 1821)
Coprinus fibrillosus Berk. & Br. (Berkeley and Broome, 1871)
Coprinus fimbriatus Berk. & Br. (Berkeley and Broome, 1871)
Coprinus furfurellus (Berk. & Br.) Pegler (Pegler, 1986)
Coprinus hiascens (Fr.) Quel. (Quelet, 1888)
Coprinus macrocephalus (Berk.) Berk. (Berkeley and Broome, 1871)
Coprinus macropus Berk. & Br. (Berkeley and Broome, 1871)
Coprinus pachyterus Berk. & Br. (Berkeley and Broome, 1871)
Coprinus paleocephalus Redhead & Pegler (Pegler, 1986)

Coprinus plicatilis (Curtis) Fr. (Fries, 1838)
Coprinus setulosus Berk. & Br. (Berkeley and Broome, 1871)
Crepidotus citrinus Petch (Petch, 1924)
Crepidotus epicrocinus (Berk. & Br.) Sacc. (Saccardo, 1887)
Crepidotus grumosopiloses (Berk. & Br.) Sacc. (Saccardo, 1887)
Crepidotus melleus (Berk. & Br.) Petch (Petch, 1924)
Crepidotus pezizula (Berk. & Br.) Sacc. (Pegler, 1986)
Crepidotus reversus (Berk. & Br.) Sacc. (Saccardo, 1881)
Crepidotus subepicrocinus Pilat (Pilat, 1950)
Crepidotus velutinus Petch (Petch, 1924)
Crinipellis actinophora (Berk. & Br.) Singer (Singer, 1955)
Crinipellis multicolor (Petch) Pegler (Pegler, 1986)
Crinipellis omotracha (Berk.) Reid (Reid, 1975)
Cystoderma granulosum (Batsch Fayod (Fayod, 1889)
Cystolepiota ompnera (Berk. & Br.) Pegler (Pegler, 1986)
Cystolepiota pseudogranulosa (Berk. & Br.) Pegler (Pegler, 1986)
Delicatula hyalina (Petch) Pegler (Pegler, 1986)
Dermoloma scotodes (Berk. & Br.) Pegler (Pegler, 1986)
Dictyopanus pusillus (Pers. ex Lev.) Singer (Singer, 1945)
Favolaschia minima (Jungh.) Singer (Singer, 1945)
Favolaschia thwaitesii (Berk. & Br.) Singer (Singer, 1945)
Filoboletus manipularis (Berk.) Singer (Singer, 1945)
Flammulaster fulvoalbus (Berk. & Br.) Pegler (Pegler, 1977)
Galerella microphues (Berk. & Br.) Pegler (Pegler, 1986)
Galerina suliceps (Berk.) Boedijn (Boedijn, 1951b)
Gerronema holochlorum (Berk. & Br.) Pegler (Pegler, 1977)
Gymnopilus dilepis (Berk. & Br.) Singer (Singer, 1949)
Gloeocantharellus lateritius (Petch) Corner (Corner, 1969)
Gloiocephala albocapitata (Petch) Singer (1960)
Gloiocephala helisca (Berk. & Br.) Pegler (Pegler, 1986)
Gymnopilus crocias (Berk. & Br.) Singer (Singer, 1962)
Gymnopilus oxylepis (Berk. & Br.) Singer (Singer, 1962)
Hebeloma' trachysporium Petch (Petch, 1925)
Hemimycena perone (Berk. & Br.) Pegler (Pegler, 1986)
Hohenbuehelia testudo (Berk.) Pegler (Pegler, 1986)
Hydropus anthidepas (Berk. & Br.) Singer (Singer, 1982)
Hydropus cystidiatus (Corner) Pegler (Pegler, 1986)
Hydropus porphyrodes (Berk. & Br.) Pegler (Pegler, 1986)
Hygrocybe alliciens (Berk. & Br.) Pegler (Pegler, 1986)
Hygrocybe alwisii (Berk. & Br.) Pegler (Pegler, 1986)
Hygrocybe anisa (Berk. & Br.) Pegler (Pegler, 1986)
Hygrocybe apala (Berk. & Br.) Pegler (Pegler and Rayner, 1969)
Hygrocybe cinerascens (Berk. & Br.) Pegler (Pegler, 1977)
Hygrocybe conica (Schaeff.) P.Kumm (Kummer, 1871)
Hygrocybe dimorpha (Berk. & Br.) Pegler (Pegler, 1986)
Hygrocybe diversicolor (Petch) Pegler (Pegler, 1986)
Hygrocybe elegantissima (Berk. & Br.) Pegler (Pegler, 1986)
Hygrocybe firma (Berk. & Br.) Singer (Singer, 1958)
Hygrocybe miniata (Fr.) Kummer (Kummer, 1871)
Hygrocybe roseostriata (Berk. & Br.) Pegler (Pegler, 1986)
Hygrocybe similis (Petch) Pegler (Pegler, 1986)
Hygrocybe tricolor (Berk. & Br.) Pegler (Pegler, 1986)
Hygrocybe tricoloroides Pegler (Pegler, 1986)
Hymenagaricus alphitochrous (Berk. & Br.) Heinem. (Heinemann, 1981).
Hymenagaricus subaeruginosus (Berk. & Br.) Heinem. & Little Flower (Heinemann, 1884)
Hypholoma subviride (Berk. & Br.) Dennis (Dennis, 1961)
Inocybe cutifracta Petch (Petch, 1917)
Inocybe fuscospinulosa Corner & Horak (Horak, 1980)
Inocybe petchii Boedijn (Boedijn, 1951b)
Inopilus brunneus (Petch) Pegler (Pegler, 1986)
Inopilus infundibuliformis (Petch) Pegler (Pegler, 1986)
Inopilus virescens (Berk. & Curt.) Pegler (Pegler, 1986)
Laccaria lateritia Malenc. (Malençon, 1966)
Lactocollybia epia (Berk. & Br.) Pegler (Pegler, 1986)
Lentinellus pseudobarbatus (Petch) Pegler (Pegler, 1986)
Lentinus ciliatus Lev. (Léveillé, 1844)
Lentinus connatus Berk. (Berkeley, 1842)
Lentinus giganteus Berk. (Berkeley, 1847)
Lentinus polychrous Lev. (Léveillé, 1844)
Lentinus sajor-caju (Fr.) Fr. (Fries, 1838)
Lentinus similis Berk. & Br. (Berkeley and Broome, 1873)
Lentinus squarrosulus Mont. (1842) (Montagne, 1842)
Lentinus strigosus (Schwein.) Fr. (Fries, 1825)
Lentinus torulosus (Pers.) Lloyd (Lloyd, 1913)
Lentinus tuberregium (Singer) Pegler (Fries, 1832)
Lentinus velutinus Fr. (Fries, 1830)
Lepiota alopochroa (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota anthomyces (Berk. & Br.) Sacc. (Saccardo, 1886)
Lepiota apalochroa (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota carpophylla (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota ceramogenes (Berk. & Br.) Sacc. (Saccardo, 1886)
Lepiota citrophylla (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota columbicolor (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota epicharis (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota eriphaea (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota erythrogamma (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota erythrosticta (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota flagellata (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota holospilota (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota leontoderes (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota lepidophora (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota leprica (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota metabola (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota metulispora (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota micropholis (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota oenocephala (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota pardalota (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota paroena (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota phlyctaenodes (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota plumbicolor (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota pselliophora (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota pyrhaes (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota revelata (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota rhyarophora (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota spongodes (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota thrombophora (Berk. & Br.) Sacc. (Saccardo, 1887)
Lepiota viridiflava Petch (Petch, 1917)
Lepiota viriditincta (Berk. & Br.) Sacc. (Saccardo, 1887)

Lepista hyalodes (Berk. & Br.) Pegler (Pegler, 1986)
Lepista sordida (Fr.) Singer (Singer, 1949)
Leptonia elaphines (Berk. & Br.) Pegler (Pegler, 1977)
Leptonia gnaphalodes (Berk. & Br.) Sacc. (Saccardo, 1887)
Leptonia gnophodes (Berk. & Br.) Sacc. (Saccardo, 1887)
Leptonia iodnephes (Berk. & Br.) Pegler (Pegler, 1977)
Leptonia purpurea (Petch) Pegler (Pegler, 1986)
Leptonia serrulata (Fr.) P. Kumm. (Kummer, 1871)
Leucocoprinus birnbaumii (Corda) Singer (Singer, 1962)
Leucocoprinus cepistipes (Sow:Fr.) Pat. (Patouillard, 1889)
Leucocoprinus fragillissimus (Rav.) Pat. (Patouillard, 1888)
Leucocoprinus zeylanicus (Berk.) Boedijn (Boedijn, 1940)
Limacella anomologa (Berk. & Br.) Pegler (Pegler, 1986)
Limacella myxodictyon (Berk. & Br.) Pegler (Pegler, 1986)
Macrolepiota dolichaula (Berk. & Br.) Pegler & Rayner (Pegler and Rayner, 1969)
Marasmiellus calami (Petch) Singer (Singer, 1955)
Marasmiellus corticigenus (Berk. & Br.) Pegler (Pegler, 1986)
Marasmiellus delicius (Berk. & Br.) Pegler (Pegler, 1986)
Marasmiellus epochnous (Berk. & Curt.) Singer (1955)
Marasmiellus flosculus (Berk. & Br.) Pegler (Pegler, 1986)
Marasmiellus goossensiae (Beeli) Pegler (Pegler, 1977)
Marasmiellus hirtellus (Berk. & Br.) Pegler (Pegler, 1977)
Marasmiellus ignobilis (Berk. & Br.) Singer (Pegler, 1977)
Marasmiellus nigripes (Schwein.) Singer (Singer, 1948)
Marasmiellus paspali (Petch) Singer (Singer, 1955)
Marasmiellus petchii Pegler (Pegler, 1986)
Marasmiellus purpureoalbus (Petch) Singer (Singer, 1962)
Marasmiellus salmonicolor (Berk. & Br.) Pegler (Pegler, 1986)
Marasmiellus senescens (Petch) Pegler (Pegler, 1986)
Marasmiellus stypinoides (Petch) Pegler (Pegler, 1986)
Marasmiellus stypinus (Berk. & Br.) Pegler (Pegler, 1986)
Marasmiellus subaurantiacus (Berk. & Br.) Pegler (Pegler, 1986)
Marasmius atrorubens (Berk.) Berk. (Montagne, 1854)
Marasmius brunneolus (Berk. & Br.) Pegler (Pegler, 1986)
Marasmius calvus Berk. & Br. (Berkeley and Broome, 1873)
Marasmius caryotae (Berk.) Petch (Petch, 1910)
Marasmius confertus Berk. & Br. (Berkeley and Broome, 1873)
Marasmius coniatius Berk. & Br. (Berkeley and Broome, 1873)
Marasmius crinisequi F. Muell. ex Kalchbr. (Kalchbrenner, 1880)
Marasmius cylindraceocampanulatus P. Henn. (Hennings, 1900)
Marasmius florideus Berk. & Br. (Berkeley and Broome, 1873)
Marasmius fulviceps Berk. (Berkeley, 1847)
Marasmius galericula (Cesati) Sacc. (Saccardo, 1887)
Marasmius gordipes Sacc. & Paol. (Saccardo and Paoletti, 1888)
Marasmius hakgalensis Petch (Petch, 1947)
Marasmius hakgalensis var. *denudatus* Petch (Petch, 1947)
Marasmius hakgalensis var. *hakgalensis* Petch (Petch, 1947)
Marasmius heamatocaphalus (Mont.) Fr. (Fries, 1838)
Marasmius hypochroides Berk. & Br. (Berkeley and Broome, 1873)
Marasmius lateritius Petch (Petch, 1947)
Marasmius leveillianus (Berk.) Pat. (Pegler, 1986)
Marasmius micraster Petch (Petch, 1947)
Marasmius nigrobrunneus (Pat.) Sacc. (Saccardo, 1895)
Marasmius nummularius Berk. & Br. (Berkeley and Broome, 1873)
Marasmius ochraceus Berk. & Br. (Berkeley and Broome, 1873)
Marasmius pellucidus Berk. & Br. (Berkeley and Broome, 1873)
Marasmius rigidichorda Petch (Petch, 1947)
Marasmius rotalis Berk. & Br. (Berkeley and Broome, 1873)
Marasmius subconiatius Petch (Petch, 1947)
Marasmius tenuissimus (Junghuhn) Singer (Singer, 1976)
Marasmius thwaitesii Berk. & Br. (Berkeley and Broome, 1873)
Marasmius tortipes Berk. & Curt. (Berkeley and Curtis, 1869)
Marasmius tubulatus Petch (Petch, 1947)
Marasmius viridicarneus (Berk. & Br.) Pegler (Pegler, 1986)
Melanoleuca conspurcata (Berk. & Br.) Pegler (Pegler, 1986)
Melanophyllum echinatum (Roth) Singer (Singer, 1949)
Melanotus phaeophyllus (Berk.) Pilat (Pilat, 1950)
Melanotus proteus (Kalchbr.) Singer (Singer, 1946)
Micropsalliota arginea (Berk. & Br.) Pegler & Rayner (Pegler, and Rayner, 1969)
Micropsalliota erythrospila (Berk. & Br.) Pegler (Pegler, 1986)
Micropsalliota plumaria (Berk. & Br.) Höhnelt (Höhnelt, 1914)
Mniopetalum furfuraceum (Petch) Pegler (Pegler, 1986)
Mycena alphitophora (Berk.) Sacc. (Saccardo, 1887)
Mycena auricolor (Berk. & Br.) Petch (Petch, 1944)
Mycena chlorophos (Berk. & Curt.) Sacc. (Saccardo, 1887)
Mycena clavulifera (Berk. & Br.) Sacc. (Saccardo, 1887)
Mycena lamprospora Corner ex Horak (Horak, 1978)
Mycena longiseta Höhnelt (Höhnelt, 1909)
Mycena paediscula (Berk. & Br.) Sacc. (Saccardo, 1887)
Mycena pallidorubens (Berk. & Br.) Sacc. (Saccardo, 1887)
Mycena stylobates (Pers.) Kummer (Kummer, 1871)
Neopaxillus reticulatus (Petch) Pegler (Pegler, 1986)
Nolanea apiculata Petch (Petch, 1924)
Nolanea maderaspatana Pegler (Pegler, 1977)
Nolanea mazophora (Berk. & Br.) Pegler (Pegler, 1977)
Oudemansiella canarii (Jungh.) Höhnelt (Höhnelt, 1909)
Oudemansiella endochorda (Berk. & Br.) Pegler (Pegler, 1986)
Panaeolus rubricaulis Petch (Petch, 1924)
Paxillus russuloides Petch (Petch, 1909)
Phlebopus portentosus (Berk. & Br.) Boedijn (Boedijn, 1951b)
Pholiota dasypepla (Berk.) Cooke apud Sacc. (Saccardo, 1891)

Pholiota micromeres (Berk. & Br.) Sacc. (Saccardo, 1887)
Pholiota siennaecolor (Petch) Pegler (Pegler, 1986)
Pleurocollybia versiformis (Berk.) Pegler (Pegler, 1977)
Pleuroflammula flavomarginata (Berk. & Br.) Singer (Singer, 1951)
Pleurotus angustatus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pleurotus djamor (Fr.) Boedijn. (Wit, 1959)
Pleurotus polychromus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus stigmatophorus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus aeolus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus aglaeotheles (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus albolineatus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus brunneopictus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus chrysaegis (Berk. & Br.) Petch (Petch, 1912)
Pluteus conizatus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus escharites (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus eugraptus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus flaviceps Petch (Petch, 1924)
Pluteus flavomarginatus Petch (Petch, 1922)
Pluteus fusconigricans (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus glyphidatus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus grandineus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus pelinus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus psichiophorus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus spilopus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pluteus subcervinus (Berk. & Br.) Sacc. (Saccardo, 1887)
Pouzaromyces lasius (Berk. & Br.) Pegler (Pegler, 1977)
Pouzaromyces myodermus (Berk. & Br.) Pegler (1977)
Psathyrella amauroa (Berk. & Br.) Pegler (Berkeley and Broome, 1871)
Psathyrella candolleana (Fr.) Maire (Pegler, 1986)
Psathyrella efflorescens (Berk. & Br.) Pegler (Pegler, 1986)
Psathyrella lucipeta (Berk. & Br.) Pegler (Berkeley and Broome, 1871)
Psathyrella reticulata Petch (Petch, 1917)
Psathyrella rufescens (Petch) Pegler (Pegler, 1986)
Psathyrella tiarella (Berk. & Br.) Sacc. (Saccardo, 1887)
Psathyrella trechispora (Petch) Pegler (Pegler, 1986)
Psilocybe crobula (Fr.) M. Lange ex Singer (Singer, 1962)
Psilocybe goniospora (Berk. & Br.) Singer (Singer, 1962)
Psilocybe ochreate (Berk. & Br.) Horak ex Guzman (Guzmán, 1983)
Psilocybe pseudobullacea (Petch) Pegler (Pegler, 1977)
Psilocybe rostrata (Petch) Pegler (Pegler, 1986)
Pulveroboletus xylophilus (Petch) Pegler (Pegler, 1986)
Pyrrhoglossum hepatizon (Berk.) Singer (Singer, 1951)
Pyrrhoglossum holocrocinum (Berk.) Singer (Singer, 1955)
Resupinatus silvanus (Sacc.) Singer (Singer, 1949)
Rhacophyllus lilacinus Berk. & Br. (Berkeley and Broome, 1871)
Rhodocybe retroflexa (Berk. & Br.) Pegler (Pegler, 1977)
Rhodocybe subgilva (Berk. & Br.) Pegler (Pegler, 1977)
Rickenella straminea (Petch) Pegler (Pegler, 1986)
Russula fuscogrisea Petch (Petch, 1922)
Russula periglypta Berk. & Br. (Berkeley and Broome, 1871)
Russula purpureonigra Petch (Petch, 1917)
Schizophyllum commune Fr. (Fries, 1821)
Simocybe gnopholopus (Berk. & Br.) Pegler (Pegler, 1986)
Termitomyces eurrhizus (Berk.) Heim (Heim, 1942)
Termitomyces microcarpus (Berk. & Br.) Heim (Heim, 1942)
Tricholoma crassum (Berk.) Sacc. (Saccardo 1887)
Tricholoma rhacophorum (Berk. & Br.) Sacc (Saccardo, 1887)
Tricholomopsis crocoba (Berk. & Br.) Pegler (Pegler, 1977)
Tricholomopsis nigra (Petch) Pegler (Pegler, 1986)
Trogia grisea (Berk.) Pat. (Patouillard, 1900)
Trogia inaequalis (Berk. & Br.) Corner (Corner, 1966)
Trogia infundibuliformis Berk. & Br. (Berkeley and Broome, 1873)
Volvaria diplasia (Berk. & Br.) Singer (Singer, 1951)
Volvariella apalotricha (Berk. & Br.) Pegler (Pegler, 1986)
Volvariella glandiformis (Berk. & Br.) Pegler (Pegler, 1986)
Volvariella pseudovolvacea (Berk. & Br.) Singer (Singer, 1962)
Volvariella terastia (Berk. & Br.) Singer (Singer, 1961)
Xerocomus sylvestris (Petch) Pegler (Pegler, 1986)
Xerulina asprata (Berk.) Pegler (Pegler, 1972)
Xerulina myochroa Berk. & Br



Cookeina tricholoma (Mont.) Kuntze
 Ascomycota, Pezizomycotina, Pezizales, Sarcoscyphaceae,
 Origin: Native
 Habitat: Fallen twigs & wood
 Place and year: Morella forest reserve, Knuckles, 2019
 Photographed by: Deepthi Yakandawala



Dictyophora indusiata (Vent.) Desv.
 Basidiomycota, Agaricomycotina, Phallales, Phallaceae
 Origin: Native
 Habitat: Grass, soil
 Place and year: Peradeniya, 2012
 Photographed by: Nimal Adikaram



Geastrum saccatum Fr.
 Basidiomycota, Agaricomycotina, Geastrales, Geastraceae
 Origin: Native
 Habitat: Woodlands, Plant litter
 Place and Year: Peradeniya, 2018
 Photographed by: Deepthi Yakandawala



Helvella crispa (Scop.) Fr.
 Ascomycota, Pezizomycotina, Pezizales, Hevellaceae
 Origin: Native Habitat: Soil, grass
 Place and year: Hantana, Kandy, 2020 (This is the first record in Sri Lanka)
 Photographed by: Nimal Adikaram

References

- Abayasekara, C.L., Adikaram, N.K.B., Wanigasekara, U.W.N.P. and Bandara, B.M.R. (2013). *Phyllosticta musarum* infection-induced defences suppress anthracnose disease caused by *Colletotrichum musae* in banana fruits cv 'Embul'. *The Plant Pathology Journal* 29 (1): 77-86.
- Abeygunawardhana, D.V.W. (1969). *Diseases in cultivated plants*. Their diagnosis and treatment in Ceylon. The Colombo Apothecaries Co. Ltd., Colombo 287 pp.
- Abeywickrama, K. and Bean, G.A. (1992). Cytotoxicity of *Fusarium* species mycotoxins and culture filtrates of *Fusarium* species isolated from the medicinal plant *Tribulus terrestris* to mammalian cells *Mycopathologia* 120: 189-193.
- Abeywickrama, K., Wijerathna, C., Rajapaksha, N., Sarananda, K. and Kannangara, S. (2012). Disease control strategies for extending storage life of papaya (*Carica papaya*), cultivars 'Red Lady' and 'Rathna'. *Ceylon Journal of Science (Bio. Sci.)* 41(1): 27-34.
- Adikaram, N.K.B. (1986/87). A survey of postharvest losses in some fruits and vegetables and the fungi associated with them. *Ceylon Journal of Science (Bio. Sci.)* 19&20: 1-10.
- Adikaram, N.K.B. (2004). Fungal taxonomy and current status of knowledge of fungi of Sri Lanka. *Biodiversity Secretary, Ministry of Environment National Workshop on Current Status of Lower Plants in Sri Lanka, 28th October 2004, Peradeniya (Abs)*.
- Adikaram, N.K.B. and Karunaratne, A. (1998). Suppression of anthracnose and stem end rot in avocado by endogenous antifungal substances and a natural inhabitant *Pestalotiopsis* sp. *Proceedings of an International Workshop, Chiang Mai, Thailand, 18-21 May 1997, ACIAR Proceedings No. 80. Disease Resistance in Fruit*, 72-77.
- Adikaram, N.K.B. and Theivendirarajah, K. (1981). Studies on the storage of avocado fruits and their spoilage organisms. *Ceylon Journal of Science (Bio. Sci.)* 14(1&2): 8387.
- Adikaram, N.K.B. and Weeraratne, T.P. (2006). Biology of *Plumeria* leaf rust disease caused by *Coleosporium plumeriae*. *Ceylon Journal of Science (Bio. Sci.)* 35(2): 157-162.
- Adikaram, N.K.B. and Wijepala, M. (1995). *Asperisporium* black spot in *Carica papaya*: A new disease in Sri Lanka. *Journal of the National Science Council Sri Lanka* 23(4): 213219.
- Adikaram, N.K.B., Jayasinghe, L. and Dinesh Singh (2019). Postharvest diseases and their management – Tropical fruits Part 11. Pineapple and banana. In: *Postharvest Pathology of Fruits and Vegetables*. Ed. Dov Prusky and James Adaskaveg. *American Phytopathological Society Press, USA* (in press).
- Adikaram, N.K.B., Mailewa, G. and Weerahewa, D. (2002). Changes in pigment composition, acid metabolism etc. in *Pedilanthus tithimaloides* leaf following powdery mildew infection. *Journal of the National Science Foundation Sri Lanka* 30: 1-11.
- Adikaram, N.K.B., Ranawana, K.B. and Weerasuriya, A. (2007). *Forest die-back in the Horton Plains National Park*. Department of Wildlife Conservation, Sri Lanka, ISBN 95501580, 54 pp.
- Adikaram, N.K.B., Vithanage, I.S.K. & Yakandawala Deepthi (2013). New rust diseases in three ornamental plant species in Sri Lanka. *Tropical Agriculturist* 161: 53-55.
- Adikaram, N.K.B., Weerasooriya, A. and Mahaliyanage, T.D. (2001). Occurrence of red thread disease in the grasses of Horton Plains National Park. *Journal of the National Science Foundation Sri Lanka* 29 (3&4): 117-120.
- Agnihotrudu Y. (1961). Note on fungi from North-East India VII. *Tunstaliia* gen. nov., causing 'Thorny Stem Blight of Tea' (*Camellia sinensis* O.Kuntze). *Phytopathology. Z.* 40: 277-282.
- Alahakoon, P.W., Jayawardana, N.H., Kalphashika, H.G. and K.C. Madushani (2008). Development of environmentally friendly control method to minimize fruits rot diseases of guava (*Psidium guava*), using plant extracts. *Annals of the Sri Lanka Department of Agriculture* 10: 19 - 29.
- Alahakoon, P.W., Jayawardana, N.H., Madhushani, K.C. and Ruvini, R.H.A.W. (2010). Effectiveness of some fungicides and herbal extracts to control the powdery mildew (*Oidium nephelii*) in rambutan during wet and dry weather conditions. *Annals of the Sri Lanka Department of Agriculture* 12: 267-271.

- Anthony, S., Abeywickrama, K., Dayananda, Wijeratnam, R.S.W. and Arambewela, L. (2004). Fungal pathogens associated with banana fruit in Sri Lanka, and their treatment with essential oils. *Mycopathologia* 157(1): 91- 97.
- Araskesasry, S.J., Bowleeswaran, B., Atputhachandran, P., Hearth, S. and B.G.R.C. Balasooriya (2016). A promising multiplier onion (*Allium cepa*) line with field resistance to major fungal diseases and possessing moderate flowering efficiency. *Annals of Sri Lanka Department of Agriculture*. 18: 37– 45.
- Arnolds, E. J. M. and de Vries, B. (1993). Conservation of fungi in Europe. In: D. N. Pegler, et al. (eds.), *Fungi of Europe: Investigation, Recording & Conservation*. Royal Botanic Gardens, Kew. pp. 211–230
- Arulpragasam, P. V. (1988). *Report on Plant Pathology Division*. Technical Report. TRI Annual Report, 68-79.
- Arulpragasam, P. V. (1989). Root diseases of tea, *Tea Bulletin* 8(1): 23–29.
- Balasuriya, A. (2008). Common diseases of tea and their management. In: *Handbook on Tea*. Tea Research Institute of Sri Lanka, Talawakelle, Sri Lanka, pp. 173–209.
- Balasuriya, A. and Adikaram, N.K.B. (2009). Some spatial, temporal and spatio-temporal considerations of wood decay of tea (*Camellia sinensis*), caused by *Nemania diffusa* (Syn. *Hypoxylon vestitum*). *Crop Protection* 28(3): 273-279.
- Bandara, R.H. and Attanayake, R.N. (2016). Phylogenetic complexity of *Lasiodiplodia* species found in Sri Lankan dry zone forests. In *proceedings of the 16th Conference of the Science Council of the Asia, Colombo, Sri Lanka. 30th May – 1st June 2016*. 221 pp.
- Bandara, R.H., Deraniyagala, S.R.A.S. and Attanayake, R.N. (2016). *Pleurostomophora richardsiae* associated with decaying woods in a dry zone forest of Sri Lanka. In *Proceedings of the International Research Symposium on Pure and Applied Sciences (IRSPAS 2016), Faculty of Science, University of Kelaniya, Sri Lanka*. p 16.
- Benkert, D. (1982). Vorläufige Liste der verschollenen und gefährdeten Grosspilzarten der DDR. *Boletus* 6: 21–32.
- Berkeley, M.J. (1842). Enumeration of fungi, collected by H. Cuming, Esq. F.L.S. in the Philippine Islands. *London Journal of Botany* 1(3): 142-157
- Berkeley, M.J. (1847). Decades of fungi. Decade XV-XIX. Ceylon fungi. *London Journal of Botany* 6: 479-514.
- Berkeley, M.J. and Broome, C.E. (1871). The fungi of Ceylon. (Hymenomycetes, from *Agaricus* to *Cantharellus*). *Botanical Journal of the Linnean Society* 11: 494-567
- Berkeley, M.J. and Broome, C.E. (1873). Enumeration of the fungi of Ceylon. Part II. *Journal of the Linnean Society, Botany*. 14: 29-141
- Berkeley, M.J. and Broome, C.E. (1877). Supplement to the enumeration of fungi of Ceylon. *Botanical Journal of the Linnean Society* 15: 82-86.
- Berkeley, M.J. and Curtis, M.A. (1869). Fungi *Cubenses* (Hymenomycetes). *Journal of the Linnean Society* 10: 280-392
- Boedijn, K.B. (1940). The Mycetozoa, fungi and lichens of the Krakatau group. *Bulletin du Jardin Botanique de Buitenzorg* 16(4): 358-429
- Boedijn, K.B. (1951a). Notes on Indonesian fungi. The genus *Amanita*. *Sydowia* 5(3-6): 317-327
- Boedijn, K.B. (1951b). Some mycological notes. *Sydowia* 5(3-6): 211-229
- Bond, T.E.T. (1947). Notes on Ceylon fungi and plant diseases Part I (1 – 15). *Ceylon Journal of Science (A)* XII (4): 171–193.
- Cheanieha Queen, A., Safeena, M.I.S. and M.C.M. Zakeel (2016). Identification of suitable potential pathogens for biocontrol of water hyacinth [*Eichhornia crassipes* Mart. Solms]. *5th Annual Science Research Sessions 2016, South Eastern University of Sri Lanka* 231–236.
- Chee, K. H. (1969). Variability of *Phytophthora* species from *Hevea brasiliensis*. *Transactions of the British Mycological Society* 52: 425-436.
- Chee, K. H. and Wastie, R. L. (1970). Black pod disease of cacao. *Planter, Kuala Lumpur* 46, 294-297.
- Comstock, L.C. (2000). Eye spot. In *A Guide to Sugarcane Diseases* (Ed.) Philippe Rott. CIRAD, 339 pp.

- Corner, E.J.H. (1966). *A monograph of Cantharelloid fungi*. 1-255
- Corner, E.J.H. (1969). Notes on cantharelloid fungi. *Nova Hedwigia* 18: 783-818
- Corner, E.J.H. and Bas, C. (1962). The genus *Amanita* in Singapore and Malaya. *Persoonia* 2(3): 241- 304
- Cunningham, D.D. (1895). A new and parasitic species of *Choanephora*. *Annals of the Royal Botanic Gardens Peradeniya* 6: 169.
- Dahanayake, S. and Wijesundera, R. L. C. (1994). *Penicillium purpurogenum* on fruits of *Averrhoa bilimbi*. *Journal of the National Science Council Sri Lanka* 22: 23-24.
- Dahlberg, A. and Mueller, G.M. (2011). Applying IUCN red-listing criteria for assessing and reporting on the conservation status of fungal species. *Fungal Ecology* 4: 147-16.
- Damunupola, J.W. and Adikaram, N.K.B. (2000). Response of two pineapple cultivars to black rot disease caused by *Thielaviopsis paradoxa*. *Proceedings of Annual Research Sessions, University of Peradeniya, Sri Lanka*, p 21.
- Dantanarayana, D. M., Peries, O.S. and A. de S. Liyanage (1984). Taxonomy of *Phytophthora* species isolated from rubber in Sri Lanka. *Transactions British Mycological Society* 82(1): 113–126.
- De Silva, R.S.Y., Vithanage, K.D. and Kelaniyangoda, D.B. (2005). Import risk analysis (IRA) of *Carnation*. *Annals of the Sri Lanka Department of Agriculture* 7: 67-86.
- Dennis, R.W.G. (1961). Fungi venezuelani: IV, Agaricales. *Kew Bulletin* 15(1):67-156
- Department of Export Agriculture, Sri Lanka http://www.exportagridept.gov.lk/web/index.php?option=com_view=article&id=128&Itemid=159&lang=en
- Dissanayaka, D. M. S., Adikaram, N. K. B. and Yakandawala, D. M. D. (2016). Morphological and molecular characterization of *Colletotrichum* causing anthracnose in ripe avocado (*Persea americana* Mill.). *Proceedings of The Peradeniya University International Research Sessions, iPURSE 2016*, 4th and 5th November 2016. 20: 378.
- Dissanayake, N. and Wickramasinghe, D.B. (1999). Effect of N, P and K application on the occurrence and severity of narrow brown leaf spot in different rice varieties. In: *Proceedings of the Annual Symposium of DOA*, 267–276.
- Ediriweera, S.S., Wijesundera, R.L.C., Nanayakkara, C.M. and Weerasena, O.V.D.S.J. (2014). Microfungi from the Sigiriya wilderness in Sri Lanka. *Journal of Mycopathological Research* 52(1): 47 – 51.
- Fayod, M.V. (1889). Prodrome d'une histoire naturelle des Agaricinés. *Annales des Sciences Naturelles Botanique. ser. 7* 9: 181-411
- Fernando, L. and Abeywickrama, L. (1996). Isolation of toxigenic fungi from commercially available medicinal plant material. *Journal of National Council of Sri Lanka*. 24(1): 80-88.
- Fernando, T., Senaviratne, P., Siriwardane, D. and Madushani, H. (2016). White root disease of *Murraya koenigii* from Sri Lanka caused by *Rigidoporus microporus*. *Journal of the National Science Foundation Sri Lanka* 44(3): 347–348.
- Fries, E. (1838). *Epicrisis Systematis Mycologici*. :1- 610
- Fries, E.M. (1821). *Systema Mycologicum*1: 1-520
- Fries, E.M. (1825). *Systema Orbis Vegetabilis*. 1:1-374
- Fries, E.M. (1830). *Eclogae fungorum, praecipue ex herbaris germanorum de scriptorum. Linnaea*. 5: 497-553
- Fries, E.M. (1832). *Systema Mycologicum*. 3:261-524.
- Gray, S.F. (1821). *A natural arrangement of British plants* 1: 1-824
- Gunasekera, S. A, Liyanage, N. P. and Rice, T. V. (1985). *Choanephora* blight of winged bean flowers in Sri Lanka. *Transactions of the British Mycological Society* 85: 344-345.
- Gunawardana, A.G.K. and Bandara, J.M.R.S. (1993). *Silver scurf disease of potato in Sri Lanka*. Faculty of Agriculture, University of Peradeniya, Sri Lanka.
- Gunawardana, H. (1955). Stem Bleeding of Coconuts. *Ceylon Coconut Quarterly* VI: 89-96.
- Guruge, B.M.A., Somachandra, K.P. and Attanayake, R.N. (2015). *Sclerotinia sclerotiorum* causing cabbage head rot in Sri Lanka. *Proceedings of the 35th Annual Sessions of the Institute of Biology, 25th September 2015*, 74.
- Guzmán, G. (1983). The genus *Psilocybe*. A systematic revision of the known species including the history, distribution and chemistry of the hallucinogenic species. *Beihefte zur Nova Hedwigia* 74: 1-439

- Habarakada, R. and S.N. de S. Seneviratne (1987). *Alternaria brassicicola*, a pathogen causing leaf diseases in crucifer vegetables. *Proceedings of the 43rd Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 43 (1): 84(Abs.)
- Heim, R. (1942). Nouvelles études descriptives sur les agarics termitophiles d'Afrique tropicale. *Archives du Muséum National d'Histoire Naturelle* 18:107-166
- Heinemann, P. (1981). *Hymenagaricus* Heinem. gen. nov. (Agaricaceae). *Bulletin du Jardin Botanique National de Belgique* 51(3-4): 465-466
- Heinemann, P.; Little Flower, Sr. (1984). *Hymenagaricus* (Agaricaceae) de Kerala (Inde) et de Sri Lanka. *Bulletin du Jardin Botanique National de Belgique* 54(1-2): 151-182
- Hennings, P. (1900). Fungi monsunenses. *Monsunia* 1: 137-174
- Hewage, L.C., Ekanayaka, H.M.R.K., Fernando, K.N.S., Nimalananda, N.P.H., Fernando W.M.R. and Weerasinghe, R.U. (2007). Insect, mite and diseases infestations in export foliage nurseries in Sri Lanka. *Annals of the Sri Lanka Department of Agriculture* 9: 227 - 232.
- Höhnelt, F. von. (1909). Fragmente zur Mykologie: VI. Mitteilung (Nr. 182 bis 288). Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften Math.-naturw. Klasse Abt. I. 118: 275-452
- Höhnelt, F. von. (1914). Fragmente zur Mykologie XVI (XVI. Mitteilung, Nr. 813 bis 875). Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften Math.-naturw. Klasse Abt. I. 123: 49-155
- Horak, E. (1978). *Mycena rorida* (Fr.) Quél. and related species from the Southern Hemisphere. *Berichte der Schweizerischen Botanischen Gesellschaft* 88 (1-2): 20-29
- Horak, E. (1980). *Inocybe* (Agaricales) in Indomalaya and Australasia. *Persoonia* 11: 1-37
- Hunupolagama, D.M., Chandrasekharan, N., Kathiriarachchi, H.S., Wijesundera, S. and Wijesundera, R.L.C. (2017). Unveiling members of the *Colletotrichum acutatum* Species Complex causing *Colletotrichum* leaf disease of *Hevea brasiliensis* in Sri Lanka. *Current Microbiology* 74(6): 747-756.
- Hunupolagama, D.M., Wijesundera, R.L.C., Chandrasekharan, N.V., Wijesundera, W.S.S., Kathiriarachchi, H.S., Fernando, T.H.P.S. (2015). Characterization of *Colletotrichum* isolates causing avocado anthracnose and first report of *Colletotrichum gigasporum* infecting avocado in Sri Lanka. *Plant Pathology & Quarantine* 5(2): 132-143.
- Indrakeerthi, S.R.P. and Adikaram, N.K.B. (2011). Control of crown rot of banana using *Carica papaya* latex. *Journal of the National Science Foundation Sri Lanka* 39(2): 155-162.
- Jayasekara, E.A.E.S.S., Somachandra, K.P., Gunasekara, W.M.S. Gunawardhana, K.K.N.N. and G A R. Somasiri (2016). An action threshold and a fungicide spraying schedule for rust and angular leaf spot in bean. *Annals of Sri Lanka Department of Agriculture*. 18: 241-244.
- Jayasinghe, C.K. (1993). Natural occurrence of *Thanatephorus cucumeris* leaf spots on *Hevea brasiliensis* in Sri Lanka. *Plant Pathology* 42: 473-474.
- Jayasinghe, C.K. and Fernando, T.H. (2004). Re-identification and characterization of pathogens causing ugurassa (*Flacourtia inermis*) fruit anthracnose. *Mycopathologia* 157(1): 81-85.
- Jayasinghe, C.K. and Silva, W.P.K. (1994) Foot canker and sudden wilt of *Hevea brasiliensis* associated with *Nattrassia mangiferae*. *Plant Pathology* 43: 938-940.
- Jayasinghe, C.K. and Wijesundera, R.L.C. (1995). *In vitro* evaluation of fungicides against the clove isolate of *Cylindrocladium quinqueseptatum*. *International Journal of Pest Management* 41: 219-223.
- Jayasinghe, G.G., Wasantha Kumara Liyanage, Wijayawardhana, M.W.G.C., Priyangika, K.M.M., Samaraweera, D.N. and K. G. G. Wijesinghe (2017). A study of rough bark disease on cinnamon (*Cinnamomum zeylanicum* Blume); disease symptoms, development and the causal agent with special reference to its morphology, histopathology and nutritional statuses of affected plants. *Proceedings of the symposium on minor export crops* (Ed: B. Marambe) 16 - 17 March 2017, Peradeniya, Sri Lanka 63 - 72.
- Jayawardana, W.A.D., Jayasekera, G.A.U., Wijesundera, R.L.C., Dissanayake, D.M.N., Sooriyapathirana, S.D.S.S., Weebadde, C.K., Perera, K.L.N.S., Gunapala, K.R.D. and Hettige, P. (2015). Evaluation

- of DNA markers linked to blast resistant genes, Pikh, Pit (p), and Pita, for parental selection in Sri Lankan rice breeding. *Tropical Agricultural Research* 26(1): 82–93.
- Jeyanandarajah, P. and Liyanage, T. (1995a). Fungi in seed crops of raddish (*Raphanus sativus* L.) raised at Kandapola. *Proceedings of the 51st Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 51(1): 48 (Abs.)
- Jeyanandarajah, P. and Liyanage, T. (1995b). The occurrence of scurf fungus, *Moniliochaetes infuscans* Halst. Ex. Harter in sweet potato (*Ipomoea batatas*). *Proceedings of the 51st Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 51(1): 99 (Abs.)
- Jeyanandarajah, P. and Wijesooriya, M. (1997). Fungal infections in some foliage plants. *Proceedings of the 42nd Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 42(1): 53(Abs.)
- Kalchbrenner, C. (1881). Fungi Macowaniani. *Grevillea* 9(52): 131-137
- Kalchbrenner, K. (1880). Fungi of Australia. I. Basidiomycetes. *Grevillea* 8(48): 151-154
- Kanakarathne, N.S. and Adikaram, N.K.B. (1985). Preliminary investigations on the mango anthracnose. *Proceedings of the 46th Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 41(1): 57 (Abs.)
- Kühner, R. (1935). Le genre *Galera* (Fries) Quélet. *Encyclopédie Mycologique* 7: 1-240
- Kularatne, R.S (1997). Evaluation of a population of coffee Arabica cultivar Catimor for the response towards the leaf rust disease caused by *Hemileia vastatrix* B & Br. *Proceedings of the 53rd Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 53(1): 47(Abs.)
- Kummer, P. (1871). Der Führer in die Pilzkunde. 1-146
- Leelananda, G., Jayatilake, G.A. and Sunil, H.K. (2000). Use of *in vitro* techniques for early screening of sugarcane lines against smut (*Ustilago scitaminae*) disease. *Proceedings of the 56th Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 56(1): 88(Abs.)
- Léveillé, J.H. (1844). Champignons exotiques. *Annales des Sciences Naturelles Botanique* 2: 167-221
- Linder, D.H. (1929). A monograph of the helicosporous Fungi Imperfecti. *Annals of the Missouri Botanical Garden* 16: 227-348.
- Liyanage A. de S., Jayasinghe C.K., Liyanage N.I.S. and Jayaratne A. H. R. (1986). *Corynespora* leaf spot disease of rubber (*Hevea brasiliensis*): a new record. *Journal of the Rubber Research Institute of Sri Lanka* 65, 47 – 50. Liyanage, N. I. S. (1989). *Phytophthora citricola* on rubber in Sri Lanka. *Plant Pathology* 38(3): 438-439.
- Liyanage, N. I. S. (1989). *Phytophthora citricola* on rubber in Sri Lanka. *Plant Pathology* 38(3): 438–439.
- Lloyd (1913). *Mycological Writing* 4 (Letter 47): 13
- Loos, C. A. (1951). Pathological problems. *Tea Quarterly* 22: 27–30.
- Maharachchikumbura, S.S.N. and Adikaram, N.K.B. (2009). Occurrence of leaf blotch disease in (*Botryosphaeria* sp.) in *Ficus religiosa* in Sri Lanka. *Ceylon Journal of Science (Bio. Sci.)* 38(2):51-56.
- Mahendranathan C, Terry LA and Adikaram N.K.B. (2010). Biological elicitation of resistance against anthracnose in aubergine. *Acta Horticulturae* 877: 1589-1595.
- Mahendranathan, C., Wijesundera, R.L.C. and Adikaram, N.K.B. (2011). First report of *Colletotrichum acutatum* on anthracnose of peppers (*Capsicum annum*) in Sri Lanka. *18th Australasian Plant Pathology Society Conference*, Darwin, Australia, 119.
- Mahindapala, R. (1978). Pest and diseases of coconut and their control. *Ceylon Coconut Quarterly* 29: 97–102.
- Malençon, G. (1966). *Laccaria lateritia* n. sp., espèce thermophile. *Bulletin de la Société Mycologique de France* 82: 181-189
- Mithrasena, V.J.P.K. and Wijesundera, R.L.C. (1989). Factors affecting growth and sporulation of *Sarocladium oryzae*, the rice sheath blight pathogen. *Proceedings of the 46th Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 45(1): 26 (Abs.)
- Mithrasena, Y.J.P.K., Silva, J.N., Adikari, A.A.W.P., Weerasingha, W.M.S.K. and Sumanasingha, H.P.D. (2012). Identification and management of brown

- leaf spot and grain discolouration diseases of rice (*Oryza sativa* L.) in Sri Lanka. *Annals of the Sri Lanka Department of Agriculture* 14: 77–86.
- Montagne, J.P.F.C. (1842). Cryptogamae nilgherienses seu plantarum cellularium in montibus peninsulae indicae Neel-Gherries dictis a cl. Perrottet collectarum enumeratio. *Annales des Sciences Naturelles Botanique. sér. 2*, 18: 12-23
- Montagne, J.P.F.C. (1854). Cryptogamia Guyanensis seu plantarum cellularium in Guyana gallica annis 1835-1849 a cl. Leprieur collectarum enumeratio universalis. *Annales des Sciences Naturelles Botanique* 1: 91-144
- Norris, R.V. (1930). Quarterly Report on the work of the Scientific Staff, Tea Research Institute. *Tea Quarterly* 3: 132-137.
- Padmathilake, K.G.E., Bandara, H.M.S.K.H., Qader, M.M., Kumar, N.S., Jayasinghe, L., Masubuti, H. and Fujimoto, Y. (2017). Talarofuranone, a new talaroconvolutin analog from the endophytic fungus *Talaromyces purpurogenus* from *Pouteria campechiana* Seeds. *Natural Product Communications* 12(4): 489-90.
- Park, M. and Chandraratne, M.F. (1940). Recent research in Ceylon on the Frog Eye disease in cigarette tobacco. *Tropical Agriculturist* XCV, 19–21.
- Patouillard, N. (1900). Essai taxonomique sur les familles et les genres des Hyménomycètes. 1-184.
- Patouillard, N.T. (1888). Quelques points de la classification des Agaricines. *Journal de Botanique (Morot)* 2: 12-16
- Patouillard, N.T. (1889). Fragments mycologiques. Notes sur quelques champignons de la Martinique. *Journal de Botanique (Morot)*.3: 335-343
- Pegler, D.N. (1972). A revision of the genus *Lepiota* from Ceylon. *Kew Bulletin* 27(1): 155-202
- Pegler, D.N. (1977). A preliminary Agaric flora of East Africa. *Kew Bulletin Additional Series* 6:1-615
- Pegler, D.N. (1983). Agaric flora of the Lesser Antilles. *Kew Bulletin Additional Series* 9:1-668
- Pegler, D.N. (1986). Agaric flora in Sri Lanka. *Kew Bulletin Additional Series XII. Kew, London: Royal Botanical Gardens*, 519 pp
- Pegler, D.N. and Rayner, R.W. (1969). A contribution to the agaric flora of Kenya. *Kew Bulletin*. 23(3): 347-412
- Peries, O.S. (1974). *Ganoderma* basal stem rot of coconut: A new record of the disease in Sri Lanka. *Plant Disease Reporter* 58(4): 293-295.
- Petch, T. (1906). Descriptions of new Ceylon fungi. *Annals of the Royal Botanic Gardens Peradeniya* 3(1), 1-10.
- Petch, T. (1909). New Ceylon fungi. *Annals of the Royal Botanic Gardens Peradeniya* 4, 299-307.
- Petch, T. (1910). Revisions of Ceylon fungi (Part II). *Annals of the Royal Botanic Gardens Peradeniya* 4: 373-444.
- Petch, T. (1912). Revisions of Ceylon fungi (Part III). *Annals of the Royal Botanic Gardens Peradeniya*. 5: 265-301
- Petch, T. (1912). Ustilagineae and Uredineae of Ceylon. *Annals of the Royal Botanic Gardens Peradeniya* 5(4):2 23-256.
- Petch, T. (1916). A preliminary list of Ceylon Polypori. *Annals of the Royal Botanic Gardens Peradeniya* 6(2): 87-144.
- Petch, T. (1917). Additions to Ceylon fungi. *Annals of the Royal Botanic Gardens Peradeniya* 6(3): 195-256.
- Petch, T. (1918). Fungus diseases of the food crops in Ceylon. *The Tropical Agriculturist* 50(3): 159- 163.
- Petch, T. (1919). Revisions of Ceylon fungi (Part VI). *Annals of the Royal Botanic Gardens Peradeniya* 7(1): 1-44.
- Petch, T. (1920). Hypocreaceae zeylanicae. *Annals of the Royal Botanic Gardens Peradeniya*. 7(2): 85-138.
- Petch, T. (1922). Additions to Ceylon fungi II. *Annals of the Royal Botanic Gardens Peradeniya*. 7(4): 279-322.
- Petch, T. (1923). *The Diseases of the Tea Bush*. McMillan and Co. Ltd., London, 220 pp.
- Petch, T. (1924). Revisions of Ceylon fungi (Part VII). *Annals of the Royal Botanic Gardens Peradeniya* 9(2): 119-184.

- Petch, T. (1925). Additions to Ceylon fungi. III. *Annals of the Royal Botanic Gardens Peradeniya* 9(3): 313-328.
- Petch, T. (1926). Additions to the Ceylon fungi, IV. Basidiomycetes. *Annals of the Royal Botanic Gardens Peradeniya* 10(1): 131-138.
- Petch, T. (1927). Revisions of Ceylon fungi. VIII. *Annals of the Royal Botanic Gardens Peradeniya*. 10: 161-180.
- Petch, T. (1944). Ceylon fungi, new and old. *Transactions of the British Mycological Society*. 27: 137-147.
- Petch, T. (1945). Ceylon fungi, new and old. Op. Cit. xxvii, pp. 137 – 147.
- Petch, T. (1947). A revision of Ceylon *Marasmii*. *Transactions of the British Mycological Society* 31(1): 19-44
- Petch, T. and Bisby, G.R. (1950). *The fungi of Ceylon*. Ceylon Government Press, Colombo, Ceylon 111 pp.
- Pilát, A. (1950). Revision of the types of some extra-european species of the genus *Crepidotus* Fr. *Transactions of the British Mycological Society* 33(3-4): 215-249
- Piyasena, K.N.P., Wickramarachchi, W.A.R.T., Kumar, N.S., Jayasinghe, L. and Fujimoto, Y. (2015). Two phytotoxic azaphilone derivatives from *Chaetomium globosum*, a fungal endophyte isolated from *Amaranthus viridis* leaves. *Mycology* 6 (3-4): 158-160.
- Priyantha, M.G.D.L., Piyadasa, S.G., Jayasinghe, J.V. and Kannangara, N.W.D.A.D. (2009). Occurrence of *Phomopsis* cane and leaf spot disease in grapes in Sri Lanka and its management. *Annals of the Sri Lanka Department of Agriculture* 11: 95–104.
- Qader, M., Kumar, N., Jayasinghe, L. and Fujimoto, Y. (2015). Production of antitumor antibiotic GKK1032B by *Penicillium citrinum*, an endophytic fungus isolated from *Garcinia mangostana* fruits. *Medicinal & Aromatic Plants* 5: 225.
- Quélet, L. (1888). Flore mycologique de la France et des pays limitrophes: 1-492
- Rabeendran, N. and Raveendranath, S. (1990). Testing the efficacy of some selected fungicides against *Fusarium solani* causing wilt in Jojoba plant (*Simmondsia chinensis*). *Proceedings of the 46th Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 46(1): 122 (Abs.).
- Rajapakse, R. G. A. S., Weerathna, W. A. P. G. and Priyantha, M. G. D. L. (2003). In Fifty Years of Research 1950-2000: Plant Pathological Research at Mahailuppallama. Eds. P.B. Dharmasena H. Samarathunge and M.S. Nijamudeen. *Field Crops Research and Development Institute, Department of Agriculture, Mahailuppallama, Sri Lanka*.
- Rajapakse, R.G.A.S. and Edirimanna, E.R.S.P. (2002). Management of bulb rot in big onion (*Allium cepa* L.) during storage using fungicides. *Annals of the Sri Lanka Department of Agriculture* 4: 319–326.
- Rajapakse, R.G.A.S., Sakalasuriya, S.M.I.S.K., Kahawatta, J., Sumanapala, R.V., Edirimanna, E.R.S.P. (2005). Identification of races of *Fusarium* wilt pathogen of banana in Sri Lanka and selection of resistant germplasm. *Annals of the Sri Lanka Department of Agriculture* 7: 225–232.
- Rajapakse, R.H.S. and Wasantha Kumara, K.L. (2007). A Review of Identification and management of pests and diseases of Cinnamon (*Cinnamomum zeylanicum* Blume). *Tropical Agricultural Research & Extension* 10: 1-10.
- Ramanathan, N., Sivakadacham, B. and Theivendirarajah, K. (1988). A new isolate of *Sclerotium rolfsii* Sacc. causing bulb rot in onion (*Allium cepa* L. variety Poona red). *Journal of the National Science Foundation Sri Lanka* 16(2): 183–194.
- Ratnayake, R., Daundasekera, W.A.M., Ariyaratne, H.M. and Ganehenegge, M.Y.U. (2016b). Some biochemical defense responses enhanced by soluble silicon in bitter melon-powdery mildew pathosystem. *Australasian Plant Pathology* 45(4): 425-443.
- Ravindranatha, S. and Kugathasan, S.M. (1990). Efficacy of different fungicides on purple blotch disease (*Alternaria porri*) of Red onion (*Allium ascalonicum*). *Proceedings of the 46th Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 46 (1): 44
- Reid, D.A. (1975). Type studies of the larger Basidiomycetes described from South Africa. *Contributions from the Bolus Herbarium* 7: 1-255.
- Saccardo, P.A. (1886). Sylloge Hyphomycetum. *Sylloge Fungorum* 4:1-807

- Saccardo, P.A. (1887). Sylloge Hymenomycetum, Vol. I. Agaricineae. *Sylloge Fungorum* 5: 1-1146
- Saccardo, P.A. (1891). Supplementum Universale, Pars I. Agaricaceae-Laboulbeniaceae. *Sylloge Fungorum* 9: 1-1141
- Saccardo, P.A. (1895). Supplementum Universale, Pars. III. *Sylloge Fungorum* 11: 1-753
- Saccardo, P.A. and Paoletti, G. (1888). Mycetes Malacenses. Funghi della penisola di Malacca raccolti nel 1885 dell' Ab. Benedetto Scortechini. *Atti dell'Istituto Veneto Scienze* 6: 387-428
- Samarajeewa, P.K. and Rathnayaka, R.M.U.S.K. (2004). Disease resistance and genetic variation of wild relatives of okra (*Abelmoschus esculentum* L.). *Annals of the Sri Lanka Department of Agriculture* 6: 167-176.
- Sapumohotti, W.P. (1995). Frequency of sectoring of *Fusarium oxysporum* f. sp. Niveum, the causal organism of vascular wilt disease in watermelon. *Proceedings of the 51st Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 51(1): 102 (Abs.).
- Senanayake, P.D., Mohotti, K. and Paranagama, P.A. (2015). Identification and substrate utilization of fungi associated with low country termite, *Glyptotermes delatatus* Bugnion & Popoff and the host plant *Camellia sinensis* LO. Kuntza. *Journal of the National Science Council Sri Lanka* 44(2):175-184.
- Senevirathna, J.G.D.T. and Takayuki Aoki (2009). Morphological and molecular identification of *Fusarium verticillioides* in Maize. *Annals of the Sri Lanka Department of Agriculture* 10: 191- 198.
- Seneviratne S.N. de S. (1978). Rice diseases in Sri Lanka – Review. *Proceedings of the 34th Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 34 (1): 19 (Abs.).
- Seneviratne, S.N. de S. and Jeyanandarajah, P. (2004). Rice diseases - problems and progress. *Tropical Agricultural Research and Extension* 7:30-48.
- Singer, R. (1945). The *Laschia* complex (Basidiomycetes). *Lloydia* 8: 170-230
- Singer, R. (1946). Type studies on Agarics-II. *Lloydia* 9: 114-131
- Singer, R. (1948). New and interesting species of Basidiomycetes. II. *Papers of the Michigan Academy of Sciences* 32: 103-150
- Singer, R. (1949). The Agaricales in modern taxonomy. *Lilloa* 22: 1-832
- Singer, R. (1951). Type studies on Basidiomycetes V. *Sydowia* 5(3-6): 445-475
- Singer, R. (1955). Type studies on Basidiomycetes VIII. *Sydowia* 9(1-6): 367-431
- Singer, R. (1958). Fungi Mexicani, series Prima, Agaricales. *Sydowia* 11: 354-374
- Singer, R. (1960). Monographs of South American Basidiomycetes, especially those of the east slope of the Andes and Brazil. 3. Reduced marasmioid genera in South America. *Sydowia*. 14: 258-280
- Singer, R. (1961). Mushrooms and Truffles: Botany, *Cultivation and Utilization*. 1-272
- Singer, R. (1962). Diagnoses fungorum novorum Agaricalium II. *Sydowia* 15(1-6): 45-83
- Singer, R. (1973). Diagnoses fungorum novorum Agaricalium III. *Beihefte zur Sydowia* 7:1-106
- Singer, R. (1976). Marasmiceae (Basidiomycetes - Tricholomataceae). *Flora Neotropica* 17: 1-347
- Singer, R. (1982). *Hydropus* (Basidiomycetes-Tricholomataceae-Myceneae). *Flora Neotropica* 32: 1-153
- Singer, R. (1966). Notes on cyphellaceous fungi. *Darwiniana* 14: 9-18
- Sinniah Ganga Devi (2010). Inflorescence diseases and natural disease resistance in mango in relation to anthracnose development'. Ph.D Thesis. University of Peradeniya, Sri Lanka.
- Sinniah, G.D., Adikaram, N.K.B. and Abayasekara, C.L. (2012). First report of *Cladosporium* infection of mango inflorescence in the mid-country of Sri Lanka. *Tropical Agriculturist* 160: 139-148.
- Sinniah, G.D., Adikaram, N.K.B., Vithanage, I.S.K., Abayasekara, C.L., Maymon, M. and Freeman, S. (2013). First report of mango malformation disease caused by *Fusarium mangiferae* in Sri Lanka. *Plant Disease* 97(2): 427-429.
- Sivakumar, D., Wijeratnam, R.S.W., Wijesundera, R.L.C. and Abeyesekera, M. (1997). Postharvest diseases

- of rambutan (*Nephelium lappaceum* Linn.) in the Western Province of Sri Lanka. *Journal of the National Science Council Sri Lanka* 25: 225-229.
- Sivanathan, S. and Adikaram, N.K.B. (1985). In vivo and in vitro toxin production by *Macrophomina phaseolina*. *Proceedings of the 46th Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 41(1): 56(Abs.).
- Sumith, J.A. and Bandara, J.M.R.S (2002). Effect of potassium on the development and severity of damping-off in Tobacco (*Nicotiana tabacum* L.). *Annals of the Sri Lanka Department of Agriculture* 4: 319-326
- Udugama, S. (2002). Septoria leaf spot disease of banana *Mycosphaerella eumusae*. *Annals of the Sri Lanka Department of Agriculture* 4: 337-343.
- Vithanage, I.S., Adikaram Nimal and Yakandawala Deepthi (2014). Molecular and morphological characterization of *Colletotrichum* causing mango anthracnose in Sri Lanka. *Proceedings of the Peradeniya University International Research Sessions, University of Peradeniya, 4th & 5th July 2004*, 18: 572.
- Walker, J. (1972). Type studies on *Gaeumannomyces graminis* and related fungi. *Transactions of the British Mycological Society* 58:4 27-457.
- Webster, B.N. (1952). Report on Pathological Division. *TRI Bulletin* 34: 45-49.
- Weeraratne, W.A.P.G. and De Costa, D.M. (2018) Molecular identification of *Fusarium* spp. from wilt-infected tomato and brinjal plants in selected regions of Sri Lanka and endophytic bacteria as a potential option for disease management. *Tropical Agricultural Research* 30(1):3 2 – 43.
- Weeraratne, W.A.P.G. and Jayasinghe, J.A.V.J. (2006). *Physoderma* brown spot disease in hybrid Maize. *Annals of the Sri Lanka Department of Agriculture* 8: 273-279.
- Weeraratne, W.A.P.G. and Priyantha, M. G. D. L. (2003). First report of *Phoma* black stem of sunflower in Sri Lanka and its management. *Annals of the Sri Lanka Department of Agriculture* 5: 263-270.
- Weeraratne, W.A.P.G., Nanayakkara, N.L.A.T.S., Anushika, A.D. and Darmadasa, D.D.D. (2016). Occurrence of anthracnose (*Colletotrichum gloeosporioides* Penz.) and rust (*Goplane dioscoreae* CUMMINS) diseases of *Dioscorea* in Sri Lanka. *Annals of Sri Lanka Department of Agriculture*. 18: 68-72.
- Wijesinghe, C.J., Wijeratnam, R.S.W., Smarasekera, J.K.R. and Wijesundera, R.L.C. (2010). Biological control of *Thielaviopsis paradoxa* on pineapple by an isolate of *Trichoderma asperellum*. *Biological Control* 53: 285-290.
- Wijesinghe, M.A.K and Rajapakse, P. (1997). Leaf twister disease in shallot onion *Fusarium oxysporum* f. sp. Cepae, *Colletotrichum gloeosporioides*. *Proceedings of the 53rd Annual Sessions of the Sri Lanka Association for Advancement of Sciences* 53(1): 50 (Abs.).
- Willis, K. J. (ed.) (2018). State of the World's Fungi 2018. Report. Royal Botanic Gardens, Kew.
- Dahlberg, A. & Mueller, G. M. (2011). Applying IUCN red-listing criteria for assessing and reporting on the conservation status of fungal species. *Fungal Ecology* 4: 147-162
- Wit, H.C.D. de (1959). *Rumphius Memorial Volume*: 292
- https://stateoftheworlds fungi.org/2018/reports/SOTWFungi_2018_Full_Report.pdf