

Kenya Checklist

Fungi & Bacteria

of
on
plants and other substrates

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Kenya Agricultural Research Institute
International Mycological Institute
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The original information on fungi and bacteria and their hosts was produced in a text file. This was converted into a database (Access) from which text was produced, and formatted in Word 7 on a PC. Two typefaces were used: Garamond for the introduction and Annex 1; Gill Sans for the lists. Camera ready copy was printed on a Laserjet 4M using high quality laser paper (smooth coated, 100gsm). The cover was designed in Corel Draw, exported from a PC to an Apple Mac and printed direct to a Chromapress machine on A4 240 gsm card. The Chromapress is a colour laser printer suitable and cost-effective for short print runs up to 1000 copies.

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FOREWORD

Microorganisms play a crucial role in several areas affecting mankind such as agriculture, the food industry and medicine, but few people appreciate their economic significance. Most natural processes within ecosystems depend on microorganisms such as carbon and nitrogen cycles, biodegradation of environmental pollutants (e.g. sewage and agrochemicals) and production of humus (recycling of nutrients). Biodeterioration of agricultural, pharmaceutical and industrial products such as fabrics, leather, vegetables, fruits, cereals, animal products, medicines, paints and petroleum compounds is caused by microorganisms. They are an important component (over 10% of the estimated terrestrial and freshwater species) of global biodiversity. They are also an essential resource for the emerging biotechnology-based industries without which the potential for breeding new plants and animals, the designing and production of new drugs and development of new bioproducts would be severely constrained. Microorganisms are thus a valuable genetic resource, a knowledge and inventory of which should be maintained not only for the sake of conservation but also for optimal and continuous development of new bioproducts.

Inventories of microbial diversity and monitoring of the spatial and temporal variations of these organisms in our ecosystems is essential to agriculture in a number of ways. These include the development of sustainable integrated pest management systems, quarantine legislation and phytosanitary regulations which would aid in decisions involving introduction or importation of germplasm or other microbial products, without the risk of upsetting the natural balance of local ecosystems.

Despite the fact that Kenya, like other tropical countries, is endowed with a rich biodiversity, we have no comprehensive inventories of microorganisms from most environments. Over the years, however, the Kenya Agricultural Research Institute (KARI) has made efforts to keep an up to date inventory of Kenya's micro flora, particularly plant disease causing microorganisms which are constantly increasing. This new list of fungi and bacteria of Kenya, which I am pleased to introduce, is a result of this effort.

Strategies to manage plant diseases or patenting a microbial process or product must be based on correct identifications of the organisms involved. The new list, I believe, will aid in the identification of future collections of fungi and bacteria and I hope it will stimulate the search for new records. My challenge to our scientists working in microbiology is to continuously search for "new" microorganisms, particularly those which are a potential threat to our agriculture and those with novel bioproducts or usage. In searching for "new" organisms, it is important that new methods of identification, specifically molecular techniques, are utilised not for the sake of science but to help in better understanding and providing solutions to problems caused by fungi and bacteria.

The list covers fungi and bacteria occurring on or associated with plants in Kenya, including phytopathogenic and non-phytopathogenic species. A significant number of fungi and bacteria from soil and other substrates such as dead wood, animal dung and forest litter have also been

included. Also listed is a small number of fungicolous, entomopathogenic and human/animal pathogenic fungi.

The authors make no claims that the list is exhaustive and would welcome any additional information or ways of improving the content and the text of the next edition.

C G Ndiritu, PhD
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Ms R Mbithe and Mrs A Moraa assisted in data input.

INTRODUCTION

Sources of information

The purpose of this checklist is to update previous records of fungi and bacteria from Kenya. The first list appeared in 1926, when Duke published records of fungi from Kenya Colony (as it was then designated). Subsequent lists have emphasised the plant diseases caused by fungi, beginning with McDonald in 1929 and 1936. The 1936 publication (*Revised List of Plant Diseases in Kenya Colony*) has been used in compiling the present checklist since it is the more comprehensive. Robinson (1960) updated information on plant diseases whilst Natrass (1961) took a more mycological approach, including non-phytopathogenic fungi (and bacteria). Natrass was the first author to include herbarium numbers.

Host Lists of Kenya Fungi and Bacteria were published by Ondieki (1973) and Gatumbi (1986), covering the periods 1961 to 1970 and 1971 to 1980 respectively. Both include herbarium numbers. Ondieki is the more comprehensive and continued the practice, first introduced by Natrass, of listing fungi recorded from a series of miscellaneous substrates, such as wood and forest debris and soils. Both authors used records compiled by the Plant Pathology section of the Ministry of Agriculture and Livestock Development at the National Agricultural Research Laboratories (NAL), and the University of Nairobi.

The present checklist is mainly concerned with fungi and bacteria that cause plant diseases. It does not include information on symptoms or other disease details. Such information can be obtained from Robinson (1960) and McDonald (1936) and other more recent research publications.

The majority of fungi and bacteria in this checklist are referenced by an herbarium or specimen number. A guide to the letter code which prefaces these numbers is shown below. Where no specimen or herbarium number is available the published source of the record is noted.

Records include specimens collected by Gordon and Hitchcock and first noted by Natrass (1961). The Gordon collection is held by NAL whilst Hitchcock specimens are at the U.S. National Herbarium. It has not been possible to include fungal records published by Mibey and Hawksworth (1997).

Herbaria

ATCC	American Type Culture Collection, USA
CAT	C.A. Thorold (as noted in Natrass, 1961; held at NAL)
CBS	Centraalbureau voor Schimmelcultures, Netherlands
EA	East African Herbarium, Kenya
IASG	I.A.S. Gibson (as noted in Natrass, 1961; held at NAL)
IMI	CAB International Mycological Institute, UK

NAI	University of Nairobi herbarium
NAL	National Agricultural Research Laboratories, Nairobi, Kenya
SAL	Scott Agricultural Laboratories (now held at NAL)
UAMH	University of Alberta Microfungus Collection and Herbarium, Canada
U.S. Nat. Herb.	United States National Herbarium (as noted by Ondieki, 1973)

Scientific names

FUNGI: Names of fungi appear as originally published with the exception of obvious spelling errors and old synonyms. However, no systematic attempt has been made to use names preferred by current taxonomies. The eighth edition of the Dictionary of the Fungi (Hawksworth et. al., 1996) provides up to date information on names of fungal genera.

BACTERIA: Non-preferred names have been updated to reflect current taxonomies, a task made simpler by the much shorter list of bacterial records from Kenya. An approved list of plant pathogenic bacteria names has been published by Young *et. al.* (1996).

PLANTS: Mabberley (1990) lists valid genus names for all plants but only selected species names and their synonyms. Original host names have been changed to reflect any changes noted in Mabberley. A separate list of host species and families is shown in Annex 1.

HOST NAME CHANGED FROM THAT IN ORIGINAL PUBLICATION

Original publication	Checklist host name
<i>Acidanthera bicolor</i>	<i>Gladiolus callianthus</i>
<i>Anthemis nobilis</i>	<i>Chamaemelum nobile</i>
<i>Commicarpus pedunculatus</i>	<i>Boerhavia pedunculatus</i>
<i>Cypholephis yemenica</i>	<i>Coelachyrum yemenica</i>
<i>Eugenia jambolana</i>	<i>Syzygium cumini</i>
<i>Gynandropsis gynandra</i>	<i>Cleome gynandra</i>
<i>Kyllinga sp.</i>	<i>Cyperus sp.</i>
<i>Lablab niger</i>	<i>Lablab purpureus</i>
<i>Laggera alata</i>	<i>Blumea alata</i>
<i>Ludwigia abyssinica</i>	<i>Ludwigia abyssinica</i>
<i>Luffa cylindrica</i>	<i>Luffa aegyptiaca</i>
<i>Mariscus sieberanus</i>	<i>Cyperus sieberanus</i>
<i>Pennisetum typhoides</i>	<i>Pennisetum americanum</i>

Original publication	Checklist host name
Phaseolus limensis	<i>Phaseolus lunatus</i>
Raphia ruffia	<i>Raphia farinifera</i>
Smilax kruassiana	<i>Smilax anceps</i>
Solanum aculeastrum	<i>Solanum aculcatissimum</i>
Stephanorossia	<i>Oenanthe</i> sp.
Triticum vulgare	<i>Triticum aestivum</i>
Tylasema fassoglensis	<i>Bauhinia fassoglensis</i>
Voandzeia subterranea	<i>Vigna subterranea</i>

Authorities have been omitted for host plants, fungi and bacteria. Current taxonomic opinion emphasises the responsibility of the publishing author(s) to guarantee the accuracy of authorities and not to repeat the citation of the original reference. Many of these were found to be incorrect during the preparation of this list.

Organisation of records

The two main lists order fungal and bacterial records by hosts. The miscellaneous substrates list only includes fungal records. The second set of lists indexes fungi and bacteria and records the hosts and substrates on which they were found. Herbarium numbers and references only appear in the host lists.

The original searching of sources and listing of the information was carried out by J. Kung'u. This information was sorted and formatted by E. Boa at the CAB International Mycological Institute, from which camera ready copy was prepared. The authors would welcome additional information on Kenyan records not included in this checklist and notification of any errors.

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host list

Host — Fungus

ABUTILON LONGECUSPE

Puccinia abutili IMI 43647; IMI 80362

ABUTILON MAURITIANA

Puccinia abutili SAL 1591
Stagonospora sp. IMI 131262

ABUTILON SP.

Ascochyta abutilonis IMI 79647

ACACIA ABYSSINICA

Ravenelia volkensis SAL 3203

ACACIA CYCLOPS

Fusarium sp. EA 696

ACACIA GERRARDII SUBSP. CALOPHYLLA

Ravenelia evansii IMI 52473

ACACIA MEARNsii

Chaetomium globosum IMI 45774
Daldinia sp. SAL 1078
Phoma henningsii CBS 104.80
Trichoderma viride SAL 1057

ACACIA MELANOXYLON

Armillaria mellea EA 2122
Corioloopsis occidentalis Anon., 1926
Inonotus cichoriaceus EA 728b
Nectria flavolanata Anon., 1926
Rhizoctonia lamellifera McDonald, 1936
Trametes acupunctata EA 728a
Trametes meyenii EA 862

ACACIA SP.

Ravenelia evansii IMI 80363
Ravenelia volkensis IMI 41119; IMI 81753

ACALYPHA PANICULATA

Cercospora acalyphae IMI 79802

ACANTHOSPERMUM GLABRATUM

Oidium sp. NAL 3553

ACANTHUS MOLLIS

Phloeospora aethiopica IMI 72902

ACHYRANTHES ASPERA

Glomerella cingulata Ondleki, 1973
Phyllachora sp. IMI 79664
Septoria achyranthis IMI 136732

ACROCARPUS FRAXINIFOLIUS

Armillaria mellea Anon., 1949
Dothiorella sp. IMI 83673
Poria subambigua IASG 637; EA637

AEOLLANTHUS MYRIANTHUS

Verticillium dahliae IMI 139653

AFZELIA QUANZENSIS

Phyllachora afzeliae IMI 139205
Xylaria ianthino-velutina Duke, 1926

AGAPANTHUS AFRICANUS

Cladosporium macrocarpum IMI 139054

AGAPANTHUS SP.

Mycosphaerella agapanthi NAL 3638

AGAVE SISALANA

Aspergillus niger IMI 45631
Colletotrichum agaves Duke, 1926; McDonald, 1936; IMI 57462
Diplodia sp. SAL 1126
Fusarium oxysporum IMI 49899
Leptostroma vestitae IMI 87301
Penicillium duclauxii IMI 50124
Pythium ophanidermatum McDonald, 1936

AGERATUM CONYZOIDES

Alternaria zinniae IMI 131258
Mycovellosiella perfoliata IMI 73764
Phyllachora ficuum IMI 82893

AGROSTIS PRODUCTA

Puccinia graminis f.sp. *avenae* Green et al., 1970

AGUARIA SALICIFOLIA

Asteridiella aguariae 0107 NAI

AJUGA REMOTA

Ramularia sp. SAL 1179; SAL 1195

ALBIZIA CORIARIA

Fusarium lateritium IMI 49104
Periconia byssoides IMI 41515a
Polystigmia sp. IMI 41515b
Ravenelia minima IMI 47154
Sphaerophragmium sp. IMI 80459
Stigmochora albizziae IMI 41068; IMI 41514

ALBIZIA SP.

Phaeoisariopsis sp. IMI 148632

ALBUCA WAKEFIELDII

Uromyces albucae IMI 51479

ALCHEMILLA ELLENBECKII

Hemidothis sp. IMI 72485

ALCHEMILLA SP.

Puccinia aliena Duke, 1926; McDonald, 1936
Trachyspora intrusa Duke, 1926; IMI 45151

ALEURITES FORDII

Lasiodiplodia theobromae IMI 56290

ALISMA PLANTAGO-AQUATICA

Rhynchosporium alismatis IMI 148700

ALLIUM CEPA

- Alternaria porri* IMI 34113
Athelia rolfsii IMI 11197; IMI 11198
Colletotrichum circinans IMI 73882
Geotrichum sp. SAL 3231
Peronospora destructor IMI 75312
Puccinia allii IMI 45429

ALLIUM SATIVUM

- Puccinia allii* McDonald, 1936; IMI 82892

ALLOTEROPSIS CIMICINA

- Cercospora* sp. IMI 88928

ALOE SP.

- Montagnella maxima* IMI 37971
Uromyces aloes IMI 37970

ALSTROEMERIA HYBRIDA

- Alternaria* sp. NAL 4047

ALTHAEA ROSEA

- Cercospora althaeina* IMI 78912
Puccinia malvacearum SAL 3074

AMARANTHUS GRAECIZANS

- Cercospora brachiata* IMI 131263

AMARANTHUS HYBRIDUS

- Alternaria tenuissima* IMI 131264

AMARANTHUS SP.

- Albugo bliti* IMI 44528
Sphacelia amarantida IMI 41308

AMARANTHUS TRICOLOR

- Phoma* sp. NAL 4027
Sphacelia amarantida SAL 2197

AMARYLLIS SP.

- Botrytis cinerea* IMI 102748

AMPHICARPAEA AFRICANA

- Synchytrium aecidioides* IMI 44011; IMI 43276

ANACARDIUM OCCIDENTALE

- Aspergillus nidulans* IMI 139820
Aspergillus niger NAL 3586
Curvularia senegalensis IMI 139818
Lasiodiplodia theobromae IMI 139821
Penicillium crustosum IMI 139817
Pestalotiopsis disseminata IMI 139819
Pestalotiopsis versicolor IMI 139822
Phomopsis sp. IMI 136470
Pseudocercospora anacardii NAL 3788

ANANAS COMOSUS

- Ceratocystis paradoxa* IMI 96377
Cladosporium atriellum NAL 3561
Cladosporium herbarum IMI 101588
Fusarium solani IMI 48623

Penicillium dangeardii IMI 45653

Penicillium duclauxii IMI 139649

ANDROPOGON SCHINIZII

- Claviceps purpurea* SAL 1582
Puccinia erythraeensis IMI 53472

ANDROPOGON SP.

- Claviceps purpurea* SAL 1197
Phyllachora assimilis IMI 79665

ANEILEMA AEQUINOCTIALE

- Cercospora commelinicola* IMI 148710

ANETHUM GRAVEOLENS

- Cercosporidium punctum* NAL 3689; NAL 3846; IMI 296839
Phoma anethi IMI 4001

ANNONA RETICULATA

- Ascochyta* sp. IMI 3099; IMI 42231
Phoma medicaginis IMI 87300

ANTIRRHINUM MAJUS

- Alternaria anagallidis* var. *linariae* IMI 136743

ANTIRRHINUM ORONTIUM

- Phytophthora cactorum* IMI 34844
Puccinia antirrhini IMI 82411

APIUM GRAVEOLENS

- Septoria apiicola* Duke, 1926; McDonald, 1936; IMI 53751

AQUILEGIA SP.

- Leveillula taurica* IMI 72901

ARACHIS HYPOGAEA

- Ascochyta* sp. IMI 82887
Aspergillus flavus IMI 90977
Botrytis cinerea IMI 150944
Macrophomina phaseolina McDonald, 1936; SAL 2082
Mycosphaerella berkeleyi McDonald, 1936; IMI 61514
Puccinia arachidis NAL 3624
Rhizoctonia sp. SAL 2092
Rhizopus arrhizus IMI 90978
Sclerotium rolfsii SAL 2047

ARAUCARIA ANGUSTIFOLIA

- Armillaria mellea* EA 1749
Phomopsis araucariae IMI 98495a; EA 938
Poria hypobrunnea EA 1886

ARAUCARIA CUNNINGHAMII

- Armillaria mellea* EA 1020
Periconia byssoides IMI 81332b
Pestalotia sp. SAL 1173
Pestalotiopsis versicolor IMI 81332a
Pithomyces sp. IMI 81332d
Thanatephorus cucumeris EA 693

ARCTOTIS GRANDIS

- Uredo* sp. IMI 45432

ARISTEA ALATA*Puccinia dehiscens* IMI 83919**ARISTIDA ADSCENIONIS***Puccinia aristidae* IMI 44187**ARISTIDA SP.***Ustilago goniospora* Duke, 1926; McDonald, 1936**ARMORACIA RUSTICANA***Entylomella armoraciae* IMI 67880**ARRABIDAEA MAGNIFICA***Uredo* sp. NAL 3642**ARTEMISIA SP.***Botrytis cinerea* SAL 1468**ARTOCARPUS INTEGRIFOLIUS***Rhizopus stolonifer* IMI 134749**ARUNDINARIA ALPINA***Arthrimum phaeospermum* IMI 84403*Engleromyces goetzei* Duke, 1926; McDonald, 1936; SAL 1311; SAL 2043; SAL 2128*Phyllachora permutata* SAL 3264**ASPARAGUS OFFICINALIS***Ascochyta* sp. SAL 1841*Cercospora asparagi* IMI 136463a*Pleospora herbarum* IMI 136463b*Puccinia asparagi* Duke, 1926; McDonald, 1936; IMI 39120**ASPARAGUS SETACEUS***Setosphaeria rostrata* NAL 3542**ASTRAGALUS ABYSSINICUS***Uromyces punctatus* IMI 83672**ASYSTASIA SCHIMPERI***Oidium* sp. IMI 150793*Plasmopara wildermaniana* IMI 53208**AVENA SATIVA***Epicoccum* sp. SAL 1846*Puccinia coronata* McDonald, 1936; IMI 80364*Puccinia graminis* Duke, 1926; McDonald, 1936; IMI 80369*Pyrenophora chaetomioides* Robinson, 1960*Ustilago avenae* McDonald, 1936; SAL 2057**AZALEA SP.***Exobasidium vaccinii* var. *japonicum* Patel, 1965**BASELLA RUBRA***Cercospora* sp. IMI 68747; IMI 69377**BAUHINIA FASSOGLENSIS***Uromyces pustulatus* Duke, 1926; McDonald, 1936**BECKEROPSIS UNISETA***Puccinia substriata* var. *penicillariae* IMI 78545; IMI 82038**BEGONIA SP.***Actinomucor elegans* IMI 56159**BERBERIS HOLSTII***Aecidium* sp. McDonald, 1936; IMI 43650**BERSAMA SP.***Cercospora* sp. IMI 82530b*Phyllachora* sp. IMI 82530a**BETA VULGARIS***Cercospora beticola* McDonald, 1936; IMI 44287*Peronospora farinosa* Robinson, 1960*Uromyces betae* IMI 80366**BIDENS PILOSA***Alternaria zinniae* IMI 80998*Cercospora bidentis* IMI 43406*Entyloma bidentis* IMI 41077*Periconia byssoides* IMI 131269b*Pithomyces chartarum* IMI 131269a*Uromyces bidenticola* IMI 43019**BIXA ORELLANA***Oidium bixae* Gatumbi, 1986*Oidium* sp. IMI 92183**BLUMEA ALATA***Septoria* sp. IMI 14709**BOERHAVIA PEDUNCULOSUS***Cercospora furfurella* IMI 148691**BOMBAX RHODOGNAPHALON***Armillaria mellea* EA 1643*Colletotrichum acutatum* Ondieki, 1973**BOTHRIOCHLOA INSCULPTA***Cerebella* sp. SAL 1630*Puccinia duthiae* IMI 82192**BOTHRIOCHLOA RADICANS***Cerebella* sp. SAL 2117; SAL 2121*Fusarium equiseti* IMI 49893*Gibberella zeae* SAL 1728**BOUGAINVILLEA SP.***Alternaria tenuissima* IMI 148386c*Cladosporium oxysporum* IMI 148386b*Glomerella cingulata* IMI 148386a*Phomopsis bougainvilleae* IMI 148732**BRACHIARIA BRIZANTHA***Cerebella andropogonis* IMI 79657; McDonald, 1936*Claviceps* sp. SAL 1575*Phaeoramularia fusimaculans* IMI 83671c*Phyllachora bonariensis* IMI 148725a; IMI 83671b*Physopella africana* IMI 83671a

Uromyces setariae-italicae IMI 148721
Ustilaginoidea virens IMI 148725b

BRACHIARIA DICTYONEURA

Claviceps sp. SAL 1576
Uromyces setariae-italicae IMI 44189; IMI 53428

BRACHIARIA DISTACHYA

Phyllachora setariicola SAL 1908

BRACHIARIA ERUCAEFORMIS

Uromyces setariae-italicae Natrass, 1961

BRACHIARIA RUZZIENSIS

Phaeoseptoria sp. IMI 110718
Physopella africana IMI 115777a

BRACHIARIA SOLUTA

Cerebella andropogonis McDonald, 1936
Claviceps sp. SAL 1577

BRASSICA CAMPESTRIS VAR. SARSON PRIN

Albugo candida SAL 1566
Alternaria brassicae IMI 52914

BRASSICA NAPUS

Pseudocercospora capsellae IMI 82889

BRASSICA OLERACEA

Pseudocercospora capsellae IMI 87171

BRASSICA OLERACEA VAR. ACEPHALA

Peronospora parasitica SAL 1831

BRASSICA OLERACEA VAR. BULLATA

Albugo candida SAL 2180
Erysiphe cruciferarum NAL 3907
Mycosphaerella brassicicola SAL 2250

BRASSICA OLERACEA VAR. GEMMIFERA

Mycosphaerella brassicicola IMI 69378

BRASSICA RAPA

Alternaria brassicae IMI 33086

BROMUS UNIOLOIDES

Fusarium avenaceum IMI 49520
Puccinia sp. IMI 79253; IMI 78539
Ustilago bullata SAL 2119

CAESALPINIA DECAPETALA

Pestalotiopsis sp. SAL 1592

CAESALPINIA SP.

Oidium sp. NAL 3590

CASEARIA BATTISCOMBEI

Appendiculella mauensis 0128 NAI

CAJANUS CAJAN

Fusarium lateritium IMI 78271
Leveillula taurica IMI 78547
Mycovellasiella cajani IMI 68281; IMI 81002
Uredo cajani IMI 82527; IMI 82815

CALENDULA OFFICINALIS

Entyloma calendulae IMI 82412

CALODENDRUM CAPENSE

Cercospora sp. IMI 78013; IMI 78014
Erythricium salmonicolor IASG 401; Natrass, 1961
Phyllosticta sp. IMI 136751

CALOTROPIS PROCERA

Cercospora calotropidis IMI 68285
Cercospora sp. IMI 344482

CAMELLIA SINENSIS

Armillaria mellea McDonald, 1936; SAL 2178
Chaetomium bostrychodes IMI 125864a
Coniothyrium fuckelii IMI 120337b
Cylindrocarpon destructans IMI 125863
Erythricium salmonicolor NAL 3598
Fusarium oxysporum IMI 49357; IMI 49358
Glomerella cingulata McDonald, 1936; SAL 1917
Hypoxyton michelianum IMI 45777
Lasiodiplodia theobromae IMI 120337a
Marasmius sp. SAL 1723
Monochaetia natrassii IMI 38807
Nectria coccinea IMI 120337c
Nectria discophora IMI 120337f
Penicillium corylophilum IMI 45636
Pestalotiopsis gigas IMI 38806
Pestalotiopsis maculans IMI 120337a
Pestalotiopsis theae Duke, 1926; IMI 22497
Phomopsis sp. IMI 22630
Phomopsis theae IMI 120337d
Phyllosticta sp. SAL 1332
Pithomyces chartarum NAL 3600
Rosellinia arcuata McDonald, 1936
Trichoderma viride SAL 2089

CAMELLIA SP.

Armillaria mellea EA 1236

CAMPANULA SP.

Erysiphe cichoracearum NAL 4026
Fusarium sp. NAL 4026

CANAVALIA MARITIMA

Ramularia sp. IMI 82410

CAPILLIPEDIUM PARVIFLORUM

Puccinia cesatii IMI 53425

CAPPARIS SP.

Uredo schefferi Duke, 1926; McDonald, 1936

CAPSELLA BURSA-PASTORIS

Albugo candida IMI 41061

CAPSICUM FRUTESCENS

- Colletotrichum capsici* IMI 57463
Fusarium pallidoroseum IMI 49891
Leveillula taurica IMI 61512
Phaeoramularia capsicicola IMI 61513; IMI 68743

CARDUUS KIKUYORUM

- Puccinia cnici-oleracei* IMI 44523

CARICA CANDINAMARCENSIS

- Cladosporium cladosporioides* IMI 139587

CARICA PAPAYA

- Armillaria mellea* EA 1642
Asperisporium caricae NAL 3754
Cladosporium herbarum NAL 4036
Colletotrichum acutatum Ondieki, 1973
Gloeosporium sp. SAL 1080
Graphium sp. IMI 115885
Macrophomina phaseolina SAL 2083
Oidium caricae IMI 73880
Ovulariopsis papayae SAL 1861
Phoma caricae-papayae IMI 19899
Phoma sp. SAL 1209
Phomopsis caricae-papayae IMI 19899
Pythium aphanidermatum IMI 139651

CARTHAMUS SP.

- Alternaria carthami* IMI 91157

CARTHAMUS TINCTORIUS

- Alternaria carthami* IMI 136744
Botrytis cinerea IMI 136745
Glomerella cingulata IMI 46820
Puccinia calcitrapae var. *centaureae* IMI 43645

CASSIA OCCIDENTALIS

- Oidium* sp. NAL 3540

CASSIA SIAMEA LAM.

- Lasiodiplodia theobromae* EA 2050
Phomopsis sp. IMI 42241

CASSIPOUREA ELLIOTTI

- Corioloopsis occidentalis* IMI 83026

CASSIPOUREA ROTUNDIFOLIA

- Hexagonia* sp. EA 1080
Xylodon versiporus EA 1927

CATHA EDULIS

- Oidium* sp. IMI 78550

CATHARANTHUS ROSEUS

- Alternaria solani* NAL 3637
Fusarium oxysporum IMI 23707

CAUCANTHUS AURICULATA

- Puccinia haematites* Duke, 1926; McDonald, 1936

CEANOTHUS HYBRIDUS

- Septobasidium* sp. IMI 73763

CENCHRUS CILIARIS

- Cerebella andropogonis* IMI 49456
Fusarium heterosporum IMI 49106
Puccinia cenchri var. *africana* IMI 81751
Ramulispora sp. IMI 79658
Sorosporium penniseti IMI 128165

CENCHRUS MITIS

- Puccinia cenchri* SAL 1901

CENCHRUS PENNISETIFORMIS

- Puccinia penicillariae* McDonald, 1936

CHAMAEMELUM NOBILE

- Rhizoctonia* sp. NAL 3909

CHENOPODIUM ALBUM

- Cercosporidium dubium* IMI 136740

CHENOPODIUM FASCICULOSUM SUBSP. MURALIFORME

- Stagonospora atriplicis* IMI 150268

CHENOPODIUM OPULIFOLIUM

- Macrophomina phaseolina* IMI 136752
Stagonospora atriplicis IMI 78538

CHENOPODIUM PROCERUM

- Alternaria tenuissima* IMI 131277b
Peronospora farinosa IMI 131278

CHENOPODIUM SP.

- Alternaria tenuissima* IMI 136742a
Leptosphaerulina trifolii IMI 136742c
Phoma sp. IMI 136742b

CHLORIS GAYANA

- Ascochyta leptospora* IMI 115778
Aspergillus flavus IMI 46818
Cerebella sp. SAL 2129
Claviceps sp. Natrass, 1961
Cochliobolus heterostrophus IMI 67876
Fusarium equiseti IMI 49525
Puccinia chloridis IMI 8281
Uromyces kenyensis SAL 2190

CHLORIS MYRIOSTACHYA

- Phyllachora cynodontis* SAL 1870
Uromyces kenyensis IMI 44183

CHLORIS PYCNOTHRIX

- Phyllachora cynodontis* IMI 148741
Puccinia chloridis IMI 39113

CHLORIS VIRGATA*Drechslera* sp. IMI 148749**CHLOROPHORA EXCELSA***Cercospora* sp. IASG 360; Nattrass, 1961
Helicobasidium brebissonii SAL 2024**CHLOROPHYTUM SP.***Cercospora* sp. IMI 42234**CHRYSANTHEMUM CINERARIIFOLIUM***Absidia glauca* IMI 37741
Alternaria alternata IMI 40548
Ascochyta sp. SAL 1939
Botrytis cinerea IMI 48687
Candida sp. IMI 49112
Chaetomium globosum IMI 148599
Colletotrichum destructivum NAL 3685
Coniothyrium sp. SAL 1681
Corticium sp. SAL 1748
Didymella ligulicola IMI 102077
Fusarium equiseti Gordon 2895; Nattrass, 1961; IMI 49898
Fusarium lateritium IMI 49897
Fusarium oxysporum NAL 3547
Fusarium pallidoroseum IMI 49355
Gliocladium roseum NAL 3520
Glomerella cingulata SAL 1750
Harzia acremonioides NAL 3521
Mucor subtilissimus IMI 49114
Pythium sp. SAL 1657
Ramularia bellunensis IMI 10947
Rhizopus stolonifer IMI 49113
Sclerotinia minor IMI 46228
Sclerotinia sclerotiorum SAL 1559
Sclerotinia sp. NAL 3632
Sordaria destruens IMI 49111**CHRYSANTHEMUM LEUCANTHERMUM***Alternaria* sp. IMI 43404
Cercospora sp. SAL 1343**CHRYSANTHEMUM MAXIMUM***Puccinia tanacetii* IMI 39119
Septoria chrysanthemi IMI 53752**CHRYSANTHEMUM MORIFOLIUM***Didymella ligulicola* IMI 13745
Stemphylium lycopersici NAL 3627**CHRYSANTHEMUM SP.***Fusarium camptoceras* IMI 190455**CICER ARIETINUM***Fusarium oxysporum* sp. NAL 3871
Macrophomina phaseolina NAL 3872
Rhizoctonia solani NAL 3874
Sclerotium rolfsii NAL 3873
Uromyces ciceris-arietini Duke, 1926**CICHORIUM INTYBUS***Aspergillus ostianus* IMI 38799*Botrytis cinerea* SAL 1514**CINCHONA LEDGERIANA***Armillaria mellea* EA 1899
Phytophthora citrophthora IMI 139652**CINCHONA SP.***Colletotrichum capsici* NAL 3680
Dendrodochium sp. IMI 241154
Fusarium moniliforme NAL 3770
Pestalotiopsis neglecta NAL 3781
Pestalotiopsis versicolor NAL 3651
Phytophthora cinnamomi NAL 3717
Rhizopus sp. NAL 3771**CINERARIA GRANDIFLORA***Plasmopara halstedii* IMI 72593**CINNAMOMUM ZEYLANICUM***Cladosporium oxysporum* NAL 3552
Guignardia sp. NAL 3552**CISSUS ERYTHROCHLORA***Aecidium vitis* IMI 47155
Elsinoe sp. SAL 1606; SAL 1788**CISSUS SP.***Exobasidium* sp. SAL 1740
Puccinia cissi IMI 44192**CITRULLUS LANATUS***Cercospora citrullina* NAL 3584
Setosphaeria rostrata NAL 3584**CITRUS AURANTIUM***Dothiorella* sp. SAL 1734**CITRUS LIMON***Dothiorella placenta* IMI 102353
Guignardia citricarpa IMI 114791**CITRUS SINENSIS***Coniosporium geophilum* McDonald, 1936
Elsinoe fawcettii IMI 78918
Erythricium salmonicolor McDonald, 1936; IMI 83423
Fusarium equiseti IMI 49354
Fusarium lateritium IMI 48622
Fusarium limonis Duke, 1926; McDonald, 1936
Fusarium oxysporum IMI 49192
Geotrichum sp. IMI 68033
Glomerella cingulata McDonald, 1936; SAL 1296
Penicillium digitatum SAL 1296
Penicillium italicum McDonald, 1936**CITRUS SP.***Aithaloderma citri* IMI 92191
Botryosphaeria ribis NAL 3562
Colletotrichum sp. NAL 3562
Diaporthe citri NAL 3562
Fusarium pallidoroseum NAL 3859
Fusarium solani EA 1235

CITRUS SPP.*Phaeoramularia angolensis* NAL 3877**CITRUS X LIMONIA***Alternaria citri* IMI 52915**CLEMATIS HIRSUTA***Aecidium englerianum* IMI 52478*Coleosporium clematidis* IMI 77950**CLEMATIS SP.***Aecidium englerianum* McDonald, 1936*Caeoma clematidis* Duke, 1926**CLEOME GYNANDRA***Albugo candida* IMI 41063**CLEOME MONOPHYLLA***Peronospora parasitica* IMI 136731**CLITORIA TERNATEA***Cercospora ternateae* IMI 74195*Septoria lablabina* IMI 75999**CLUTIA ABYSSINICA***Pseudocercospora cluytiae* IMI 44282**CLUTIA MOLLIS***Uromyces cluytiae* IMI 81007**CLUTIA RICHARDIANA***Cladosporium herbarum* Duke, 1926; McDonald, 1936**COCCINIA GRANDIS***Cladosporium cucumerinum* IMI 81755*Puccinia cucumeris* IMI 51477*Ramularia* sp. IMI 44281**COCOS NUCIFERA***Glomerella cingulata* NAL 3549*Lasiodiplodia theobromae* IMI 57356*Marasmiellus cocophilus* EA 2125a; Pegler 1969*Melanotus proteus* EA 2090b*Panus crinitus* EA 2092*Pestalotiopsis palmarum* Duke, 1926*Phomopsis cocoina* NAL 3556*Psathyrella* sp. EA 2090a**COELACHYRUM YEMENICA***Uromyces eragrostidis* IMI 45149**COFFEA ARABICA***Acremonium* sp. IMI 349588*Acrostalagmus cinnabarinus* IMI 141448*Alternaria alternata* IMI 141447*Armillaria mellea* McDonald, 1936*Arthrimum phaeospermum* IMI 115302*Ashbya gossypii* McDonald, 1936*Aspergillus flavipes* IMI 343180*Aspergillus niger* IMI 343177*Aspergillus ochraceus* IMI 343175*Aspergillus terreus* IMI 343176*Bipolaris coffeana* ATCC 60827*Botrytis cinerea* McDonald, 1936*Capnodium brasiliense* McDonald, 1936*Cercospora coffeicola* Duke, 1926; McDonald, 1936*Cladosporium cladosporioides* IMI 141445*Cladosporium* sp. IMI 343158*Cochliobolus ellisii* IMI 343170*Colletotrichum acutatum* Ondieki, 1973; CBS 979.69*Colletotrichum dematium* IMI 73296*Colletotrichum gloeosporioides* Hindorf, 1972*Colletotrichum kahawae* Duke, 1926; McDonald, 1936; ATCC 526337*Curvularia prasadii* ATCC 34602*Curvularia verruculosa* IMI 144158*Epicoccum nigrum* IMI 147467*Erythricium salmonicolor* McDonald, 1936*Fomes lamaensis* McDonald, 1936*Fusarium oxysporum* IMI 79191*Fusarium pallidoroseum* IMI 147466*Fusarium* sp. IMI 343161*Fusarium stilboides* SAL 1060*Gliocladium* sp. IMI 119590*Glomerella cingulata* Duke, 1926; McDonald, 1936*Hemileia vastatrix* Duke, 1926; McDonald, 1936*Hymenochaete noxia* Anon., 1914*Nematospora coryli* McDonald, 1936*Nigrospora sphaerica* IMI 141457*Penicillium glabrum* IMI 343166*Periconia byssoides* IMI 115298*Pestalotiopsis funerea* McDonald, 1936*Phoma glomerata* IMI 141450*Phoma* sp. IMI 115300*Phomopsis* sp. SAL 1902*Physarum cinereum* McDonald, 1936*Polystictus occidentalis* McDonald, 1936*Rhizoctonia lamellifera* Duke, 1926; McDonald, 1936*Rosellinia* sp. McDonald, 1936*Sclerotium rofsii* IMI 84469*Stemphyliomma* sp. IMI 141446*Stilbum* sp. IMI 120390*Thanatephorus cucumeris* McDonald, 1936*Trichoderma harzianum* IMI 343178*Tripaspermum gardneri* IMI 148643**COFFEA ARABICA (BEANS)***Aspergillus ochraceus* NAL 3595; IMI 183673*Colletotrichum kahawae* IMI 359452**COFFEA SP.***Ascochyta tarda* IMI 113744; IMI 93531; IMI 100344*Colletotrichum kahawae* CBS 135.30; CBS 440.67*Colletotrichum* sp. IMI 348837*Fusarium solani* IMI 168978*Pestalotia coffeae* CBS 442.67*Phomopsis coffeae* IMI 164527**COLEUS SP.***Armillaria mellea* IMI 86052*Septoria* sp. IMI 52923

COMBRETUM TAVENTENSE*Asterina combreti* McDonald, 1936**COMMELINA AFRICANA***Cylindrosporium kilimandscharicum* IMI 148627**COMMELINA BENGHALENSIS***Cylindrosporium kilimandscharicum* IMI 43408; IMI 43409*Kordyana celebensis* IMI 44108*Pyricularia oryzae* var. *commelinae* IMI 150791*Uromyces commelinae* IMI 43027; IMI 43028**COMMELINA FORSKALAEI***Ascochyta* sp. IMI 148712**COMMELINA SP.***Kordyana celebensis* IMI 4000**COMMIPHORA ZIMMERMANNII***Camptomeris* sp. IMI 80371*Leveillula taurica* IMI 81003*Uromyces paradoxus* SAL 1063**CONVOLVULUS SP.***Macrophoma convolvulacearum* NAL 3916**CONYZA BONARIENSIS***Oidium* sp. IMI 136720**CONYZA NEWII***Aecidium hoffmannii* IMI 51470; IMI 78553**CONYZA PYRRHOPAPPA***Puccinia aurata* IMI 51476**CONYZA SP.***Cercospora bidentis* IMI 80458**CONYZA VOLKENZII***Aecidium macowanianum* IMI 52474**CORDIA ABYSSINICA***Armillaria mellea* Anon., 1949**COREOPSIS GRANDIFLORA***Oidium* sp. IMI 114794**CORIANDRUM SATIVUM***Oidium* sp. NAL 3682**COSMOS SP.***Alternaria* sp. SAL 1458**CRAMBE ABYSSINICA***Cercospora brassiicola* IMI 104523**CRASSOCEPHALUM CREPIDIOIDES***Alternaria cinerariae* IMI 131284*Oidium* sp. IMI 139050*Septoria* sp. IMI 131283**CRASSOCEPHALUM RUBENS***Septoria* sp. IMI 148753**CRASSOCEPHALUM SP.***Aecidium crassocephali* IMI 43520*Mycosphaerella* sp. IMI 78913b*Septoria* sp. IMI 78913a**CRINUM KIRKII***Aecidium crini* IMI 40406**CROTALARIA AGATIFLORA***Aecidium crotalariae* McDonald, 1936; IMI 1936*Marvalia crotalariae* IMI 80367; IMI 82195**CROTALARIA JUNCEA***Fusarium moniliforme* Gordon 2891; Nattrass, 1961**CROTALARIA LEBRUNII***Fusarium graminearum* IMI 49196**CROTALARIA SP.***Aecidium crotalariae* Duke, 1926; IMI 44525*Parodiella hedysari* SAL 1916*Septoria* sp. IMI 136736*Uromyces harmsianus* IMI 42247; IMI 45154**CROTON MACROSTACHYUS***Cercospora* sp. IMI 81012*Helminthosporium* sp. IMI 737662*Septoria crotonis* SAL 1007**CROTON MEGALOCARPUS***Uraecium magnisporum* IMI 43016**CRYPTOLEPIS HYPOGLAUCA***Hemileia* sp. IMI 82116**CRYPTOSTEGIA GRANDIFLORA***Hemileia cryptostegiae* IMI 39121; IMI 82117**CUCUMIS MELO***Alternaria tenuissima* IMI 83879*Cercospora citrullina* IMI 114784*Colletotrichum orbiculare* SAL 2147*Didymella bryoniae* IMI 37248*Erysiphe cichoracearum* Robinson, 1960*Fusarium sporotrichioides* NAL 3530*Pseudoperonospora cubensis* SAL 2154**CUCUMIS SATIVUS***Cercospora citrullina* IMI 86656*Cladosporium cucumerinum* McDonald, 1936*Erysiphe cichoracearum* McDonald, 1936*Fusarium oxysporum* IMI 48621*Leveillula taurica* IMI 85256*Pseudoperonospora cubensis* McDonald, 1936; IMI 41556*Setosphaeria rostrata* NAL 3585

CUCURBITA PEPO

- Erysiphe cichoracearum* McDonald, 1936; SAL 1423
Septoria cucurbitacearum McDonald, 1936

CUPRESSUS BENTHAMII

- Armillaria mellea* EA 632; EA 1813
Botrytis cinerea EA 868
Cerinomyces grandinioides EA 1257b
Cytospora cenisia f. *littoralis* IMI 98504; EA 945
Favolaschia thwaitesii EA 1258
Lepteutypa cupressi SAL 1190
Melanotus proteus EA 1024a
Nigrospora sphaerica EA 874
Phoma tenella EA 1051
Phomopsis juniperivora IMI 114086; EA 1248
Phomopsis sp. SAL 1142
Polyporus nivicolor EA 740a
Poria hypobrunnea IMI 103817; EA 934; EA 1719
Sclerophoma pythiophila IMI 109469; EA 1117
Torula ligniperda EA 705
Trametes versicolor EA 735
Tyromyces caesius EA 609; EA 1239a

CUPRESSUS FORBESII

- Lepteutypa cupressi* IMI 52255

CUPRESSUS FUNEBRIS

- Armillaria mellea* IMI 158158

CUPRESSUS MACROCARPA

- Amphisphaeria incrustans* IMI 41303
Armillaria mellea EA 894
Botryodiplodia sp. IMI 38565; IMI 38566
Botryosphaeria obtusa IMI 38560; IMI 38563
Ceratocystis paradoxa IMI 45851
Chaetospermum chaetosporum IMI 40097
Cytospora sp. IMI 41303
Erythrimum salmonicolor McDonald, 1936
Kirschsteiniotelia aethiops CBS 109.53
Lepteutypa cupressi IMI 5817; IMI 40096
Pestalotiopsis funerea SAL 1117
Phomopsis juniperivora IMI 38651; IMI 38652
Sarea resinae IASG 266; Natrass, 1961

CUPRESSUS SEMPERVIRENS VAR. STRICTA

- Lepteutypa cupressi* SAL 1392
Sphaeropsis sp. SAL 1393

CUPRESSUS SP.

- Coniophora cerebella* EA 629
Gloeophyllum striatum EA 766
Gloeophyllum trabeum EA 734
Monochaetia unicornis CBS 319.51; CBS 320.51
Odontia sp. EA 781
Polyporus tenuiculus EA 725
Poria revolutus EA 747

CUPRESSUS TORULOSA

- Armillaria mellea* EA 1996
Diplodia sp. SAL 1210

CUSSONIA SPICATA

- Colletotrichum gloeosporioides* Ondieki, 1973

CYAMOPSIS TETRAGONOLOBA

- Alternaria tenuissima* IMI 114790b
Leveillula taurica IMI 114790a

CYATHULA MANNII

- Puccinia cyathulicola* var. *kenyensis* SAL 1813

CYATHULA POLYCEPHALA

- Puccinia cyathulicola* var. *kenyensis* IMI 148634

CYATHULA UNCINULATA

- Puccinia cyathulicola* var. *kenyensis* IMI 42245; IMI 43018

CYDONIA OBLONGA

- Diplocarpon mespili* IMI 78555
Glomerella cingulata Duke, 1926; McDonald, 1936

CYHOSTEMMA SP.

- Elsinoe* sp. IMI 148727

CYMBIDIUM SP.

- Colletotrichum* sp. NAL 4062

CYMBOPOGON CITRATUS

- Puccinia cymbopogonis* McDonald, 1936

CYMBOPOGON EXCAVATUS

- Puccinia nakanishikii* IMI 79617

CYMBOPOGON GIGANTEUS

- Puccinia nakanishikii* IMI 82031

CYMBOPOGON POSPISCHILII

- Puccinia nakanishikii* IMI 82536

CYMBOPOGON SP.

- Phyllosticta cymbopogonis* IMI 148730
Puccinia cymbopogonis IMI 78552

CYNARA SCOLYMUS

- Ascochyta cynarae* IMI 57457

CYNODON PLECTOSTACHYUS

- Cerebella andropogonis* SAL 1098
Claviceps purpurea SAL 1198
Erysiphe graminis IMI 81005
Fusarium equiseti IMI 2890
Phyllachora cynodontis IMI 81005
Puccinia cynodontis McDonald, 1936; IMI 53424
Ramulispora sp. IMI 80999
Tetraploa aristata SAL 2079
Ustilago cynodontis IMI 81006

CYNODON SP.

- Ustilago cynodontis* Duke, 1926; McDonald, 1936

CYNODON TRANSVAALENSIS

- Cercospora* sp. IMI 83877
Cerebella andropogonis Duke, 1926; McDonald, 1936
Claviceps sp. Natrass, 1961
Cochliobolus cynodontis IMI 45768; IMI 45769
Drechslera cynodontis CBS 285.51
Fusarium equiseti IMI 49890
Fusarium heterosporum McDonald, 1936
Gloeocercospora sp. IMI 84804b; IMI 83878
Phyllachora cynodontis IMI 47481; IMI 84803
Puccinia cynodontis IMI 80372
Ustilago cynodontis IMI 49458
Ustilago hitchcockiana IMI 84804a; IMI 83896

CYPERUS BLYSMOIDES

- Puccinia pegleriana* IMI 47156

CYPERUS EXALTUS

- Uredo cypericola* SAL 1873

CYPERUS MARANGUENSIS

- Ceratochaete* sp. IMI 121290c
Mycosphaerella sp. IMI 131290b
Tripospermum sp. IMI 131290a
Uredo sp. IMI 131289

CYPERUS ROTUNDUS

- Cintractia limitata* IMI 123719
Puccinia conclusa NAL 3641

CYPERUS SIEBERANUS

- Curvularia oryzae* IMI 131326

CYPERUS SP.

- Cintractia limitata* McDonald, 1936
Phyllachora cyperina IMI 79644; IMI 79646
Puccinia flavovirens IMI 78920
Puccinia mysorensis IMI 45157

CYPHOMANDRA BETACEA

- Armillaria mellea* NAL 3847
Glomerella cingulata NAL 3869

CYTISUS PROLIFERUS

- Gliocladium roseum* IMI 73293

DACTYLUS GLOMERATA

- Claviceps* sp. SAL 1747
Fusarium avenaceum IMI 49895
Puccinia graminis McDonald, 1936; IMI 40409
Puccinia graminis f.sp. *avenae* Green et. al., 1970

DACTYLOCTENIUM AEGYPTIUM

- Cercospora tessellata* IMI 41306
Claviceps sp. SAL 1747
Curvularia pallescens IMI 47724
Fusarium avenaceum IMI 49895
Uromyces dactyloctenii IMI 44176

DACTYLOCTENIUM SP.

- Ustilago* sp. IMI 111906

DAHLIA SP.

- Entyloma dahliae* IMI 41075; IMI 41076

DATURA STRAMONIUM

- Alternaria crassa* McDonald, 1936; IMI 52912

DAUCUS CAROTA

- Alternaria dauci* SAL 1067
Cercospora carotae IMI 70231
Erysiphe ranunculi NAL 3911
Leveillula taurica NAL 3868
Rhizoctonia solani NAL 3769

DELONIX REGIA

- Armillaria mellea* EA 929

DELPHINIUM SP.

- Alternaria* sp. NAL 4056
Athelia rolfsii NAL 3734
Cercospora sp. IMI 72900
Erysiphe ranunculi IMI 72898

DIANTHUS BARBATUS

- Uromyces dianthi* IMI 41123

DIANTHUS CARYOPHYLLUS

- Athelia rolfsii* SAL 2133
Colletotrichum sp. IMI 68120
Didymellina dianthi McDonald, 1936; IMI 52918
Epicoccum nigrum NAL 3622
Fusarium graminearum NAL 3622
Fusarium oxysporum IMI 49356
Fusarium solani IMI 2893
Heteropatella valtellenensis IMI 63662
Septoria dianthi McDonald, 1936; IMI 47726
Stemphylium vesicarium NAL 3622
Ulocladium chartarum NAL 3622
Uromyces dianthi McDonald, 1936; SAL 1465

DIANTHUS SP.

- Botrytis cinerea* NAL 3917
Corticium rolfsii IMI 70829

DICHANTHIUM PAPILLOSUM

- Cerebella* sp. SAL 1628
Phyllachora ischaemi IMI 79660

DICHONDRA REPENS

- Leptosphaerulina trifolii* IMI 136723
Puccinia dichondrae IMI 40404; IMI 40405

DICHROCEPHALA INTEGRIFOLIA

- Cercospora dichrocephalae* IMI 131300
Septoria dichrocephalae IMI 136749

DIGITARIA ABYSSINICA

- Cercospora digitariae* IMI 41305
Puccinia oahuensis IMI 44188

DIGITARIA ERIANTHA VAR. STOLONIFERA

- Phyllachora* sp. McDonald, 1936

- Puccinia oahuensis* McDonald, 1936
- DIGITARIA GAZENSIS**
Uromyces peglerae Hitchcock 24763 (U.S. Nat. Herb.);
Natrass, 1961
- DIGITARIA NITENS**
Cerebella andropogonis Duke, 1926; McDonald, 1936
- DIGITARIA SCALARUM**
Phyllachora digitariae SAL 2183
Puccinia digitariae-vestitae 1015 (U.S. Nat. Herb.)
Puccinia oahuensis SAL 1904
- DIGITARIA SP.**
Ceratospheeria grisea IMI 44288
Cerebella andropogonis Duke, 1926
Phyllachora paspalicola IMI 47480
Puccinia oahuensis McDonald, 1936
Ustilago syntherismae SAL 1048; SAL 1107
- DIGITARIA VELUTINA**
Ceratospheeria grisea IMI 131293; IMI 81004
Phyllachora digitariae IMI 131292
Phyllosticta sp. IMI 131297
Puccinia digitariae-vestitae IMI 131294
Puccinia oahuensis Hitchcock 24683 (U.S. Nat. Herb.);
Natrass, 1961
Ustilago syntherismae IMI 36140; IMI 81000
- DIMORPHOTHECA**
Sclerotinia minor SAL 1886
- DIOSCOREA SP.**
Alternaria tenuissima IMI 91158
Armillaria mellea EA 1092
Cercospora sp. IMI 44291
Mycosphaerella contraria IMI 82816
Phloeospora sp. IMI 78911
Pseudocercospora dioscoreae IMI 82814
Uredo dioscoreae Duke, 1926; McDonald, 1936; IMI 78541
- DIOSCOREA SYLVATICA**
Cladosporium herbarum IMI 101590
- DIPLOTARIX SP.**
Aecidium sp. IMI 44194
Albugo candida Duke, 1926; McDonald, 1936
- DODONAEA VISCOSA**
Phloeospora dodonaeae SAL 1105; SAL 1119
- DOMBEYA BURGESSIAE**
Phyllachora dombeyae IMI 148689
Puccinia dombeyae IMI 43029
- DOMBEYA GOETZENII**
Armillaria mellea EA 1296
- DOYYALIS ABYSSINICA**
Uredo doyyalidis IMI 78909; SAL 2886
- DOYYALIS CAFFRA**
Ascochyta sp. IMI 136753
- DRACAENA SP.**
Glomerella cingulata IMI 83425
- DROGUETIA DEBILIS**
Cercospora apii IMI 131301
- ECHINOCHLOA PYRAMIDALIS**
Gloeocercospora tassellata IMI 80464
Leptostroma sp. IMI 78548
Sphacelia sp. Natrass, 1961
- EHRETIA CYMOSA**
Asteridiella mathengeiana 0120 NAI
- ELEUSINE CORACANA**
Fusarium sp. Robinson, 1960
Phyllachora eleusines IMI 115779
Pyricularia sp. SAL 1920
- ELEUSINE JAEGERI**
Cercospora tessellata IMI 78544
Phyllachora eleusines IMI 78921
- ENCEPHALARTOS HILDEBRANTII**
Pestalotia sp. SAL 1863
- ENSETE VENTRICOSUM**
Glomerella cingulata Ondieki, 1973
Mycosphaerella sp. IMI 148677
- ENTOLASIA IMBRICATA**
Hendersonia sp. IMI 82034b
Mycosphaerella sp. IMI 82034a
Phoma sp. IMI 82034c
Tilletia sp. IMI 79661
- ERAGROSTIS BRAUNII**
Phyllachora eleusines IMI 47476
- ERAGROSTIS CAESPITOSA**
Tilletia sp. IMI 80374
Uromyces eragrostidis IMI 53426
- ERAGROSTIS HETEROMERA**
Uromyces eragrostidis IMI 44186
- ERAGROSTIS MACILENTA**
Puccinia eragrostidis IMI 131302a
- ERAGROSTIS PAPPOSA**
Uromyces eragrostidis McDonald, 1936
- ERAGROSTIS SP.**
Leptostromella septorioides Duke, 1926; McDonald, 1936
- ERAGROSTIS TENUIFOLIA**
Uromyces eragrostidis IMI 131303

ERIGERON FLORIBUNDUS

- Cercospora bidentis* IMI 131281
Oidium sp. IMI 131280

ERIOBOTRYA JAPONICA

- Botryosphaeria obtusa* IMI 140713b
Colletotrichum gloeosporioides Ondieki, 1973
Diplocarpon mespili NAL 35411
Erythricium salmonicolor McDonald, 1936
Phomopsis eriotryae IMI 140713a

ERIOCHLOA MEYERIANA

- Uromyces setariae-italicae* Hitchcock 24863 (U.S. Nat. Herb.); Nattrass, 1961

ERLANGEA CORDIFOLIA

- Oidium* sp. IMI 115785

ERLANGEA SP.

- Leveillula taurica* IMI 81754
Septoria sp. SAL 2104

ERLANGEA TOMENTOSA

- Dimeriella claviseta* IMI 148624
Puccinia erlangeae Duke, 1926; McDonald, 1936

ERUCASTRUM ARABICUM

- Albugo candida* SAL 1913
Alternaria tenuissima IMI 131304e
Cercospora apii IMI 131304c
Cercospora sp. IMI 43405
Peronospora parasitica IMI 41558

ERYNGIUM SP.

- Alternaria* sp. NAL 4048
Botrytis cinerea NAL 3912
Septoria eryngicola NAL 4049

ERYTHRINA ABYSSINICA

- Cephaleuros virescens* IMI 41120
Cercospora tomentosae IMI 83876

ERYTHROCOCCA BONGENSIS

- Asterina radio-fissilis* IMI 148681b
Phomopsis sp. IMI 148681a

ESCHSCHOLZIA CALIFORNICA

- Leveillula taurica* IMI 139049

EUCALYPTUS GLOBULUS

- Botrytis cinerea* SAL 1161

EUCALYPTUS GRANDIS

- Glomerella cingulata* IMI 356658

EUCALYPTUS MAIDENI

- Coremiella cubispora* IASG 34; IMI 52854
Mycosphaerella molleriana IMI 52648c
Periconia byssoides IMI 52648c
Pestalotiopsis disseminata IMI 52648b

EUCALYPTUS MICROCORYS

- Armillaria mellea* EA 1296

EUCALYPTUS RESINIFERA

- Armillaria mellea* EA 679

EUCALYPTUS SALIGNA

- Botrytis cinerea* EA 1234
Cylindrocarpon destructans var. *crassum* IMI 123733; EA 1701a

EUCALYPTUS SP.

- Armillaria mellea* EA 2128
Cytospora eucalypticola EA 2053b
Lasiodiplodia theobromae EA 2053a
Phaeoseptoria eucalypti NAL 3792
Phellinus gilvus EA 691

EUPHORBIA ENGLERI

- Uredo* sp. IMI 148682

EUPHORBIA FULGENS

- Melampsora euphorbiae-dulcis* SAL 1942

EUPHORBIA GENICULATA

- Aecidium euphorbiae* IMI 148685

EUPHORBIA HETEROPHYLLA

- Melampsora euphorbiae* IMI 51472
Uredo euphorbiae-engleri McDonald, 1936

EUPHORBIA PULCHERRIMA

- Leveillula clavata* IMI 39647
Melampsora euphorbiae-dulcis IMI 43519

EUPHORBIA SP.

- Peronospora* sp. SAL 1613

EUSTACHYS PASPALOIDES

- Claviceps purpurea* IMI 80373

EUSTOMA SP.

- Peronospora chlorae* NAL 4047, IMI 369311

FESTUCA PRATENSIS

- Puccinia graminis* IMI 53423

FICUS CAPENSIS

- Cryptocline tremuloides* IMI 148628a
Glomerella cingulata IMI 148628b

FICUS CARICA

- Cerotelium fici* Duke, 1926; McDonald, 1936; IMI 47158
Phyllachora ficuum SAL 1903

FICUS GNAPHALOCARPA

- Colletotrichum gloeosporioides* Ondieki, 1973

FICUS HOCHSTETTERI

- Cerotelium fici* IMI 80456
Glomerella cingulata IMI 80997

Mycosphaerella pittieri IMI 80992
Phyllachora ficum IMI 78557; IMI 41064
Uncinula aspera IMI 56288

FICUS NATALENSIS

Phyllachora ficum IMI 131382

FICUS SP.

Coccomyces sp. IMI 286852

FICUS THONNINGII

Colletotrichum acutatum Ondieki, 1973
Phyllachora sp. IMI 148630

FICUS VOGELII

Phyllachora ficum SAL 2013

FLACOURTIA INDICA

Kuehneola flacourtiiae IMI 78906
Oidium sp. IMI 131305
Phyllosticta sycophila IMI 131307

FRAGARIA VESCA

Botrytis cinerea Robinson, 1960
Colletotrichum acutatum NAL 3852
Cylindrocarpon destructans IMI 142118
Mycosphaerella fragraeae McDonald, 1936
Rosellinia necatrix Anon., 1948
Thanatephorus cucumeris SAL 2125

FREESIA REFRACTA

Uromyces ecklonii IMI 45160

FUCHSIA SP.

Botryosphaeria ribis IMI 52265
Pythium sp. IMI 73297

GALINSOGA PARVIFLORA

Alternaria alternata IMI 131313
Cercospora apii IMI 131310
Cercospora sp. IMI 44103
Protomyces sp. Ondieki, 1973
Septoria galinsogae IMI 136734

GALIUM APARINE

Puccinia difformis IMI 78558

GALIUM SPURIUM VAR. ECHINOSPERMUM

Puccinia difformis IMI 131317
Titaea sp. IMI 131318

GARCINIA LIVINGSTONEI

Phyllachora sp. IMI 44195

GERANIUM ACULEOLATUM

Puccinia leveillei IMI 45159
Uromyces geranii IMI 79547

GERANIUM SP.

Puccinia granularis IMI 36862

GERBERA JAMESONII

Albugo tragopogonis IMI 41062
Ascochyta doronici IMI 57459
Botrytis cinerea SAL 2230
Oidium sp. IMI 139045
Puccinia gerberae IMI 40403; IMI 44522
Septoria gerberae IMI 73877

GIRARDINIA CONDENSATA

Cercospora sp. IMI 81014

GLADIOLUS CALLIANTHUS

Uromyces ixiae Duke, 1926; IMI 82526

GLADIOLUS PSITTACINUS

Uromyces gladioli IMI 39116; IMI 39117

GLADIOLUS SP.

Fusarium oxysporum f.sp. *gladioli* IMI 62567
Mycosphaerella sp. IMI 148668
Sclerotinia draytonii IMI 57363; IMI 62568
Septoria gladioli SAL 1564
Uromyces transversalis McDonald, 1936; IMI 83918

GLYCINE JAVANICA

Ascochyta sojicola IMI 57456
Cercospora sp. IMI 80451
Oidium sp. IMI 136465
Synchytrium dolichi McDonald, 1936; IMI 43477

GLYCINE MAX

Alternaria macrospora IMI 136464b
Alternaria tenuissima IMI 75995
Ascochyta sojicola IMI 89409
Cercospora canescens IMI 136464a
Macrophomina phaseolina IMI 135109
Pythium sp. IMI 134747
Synchytrium dolichi Robinson, 1960

GLYCINE WIGHTII

Aecidium glycines IMI 148684

GMELINA ARBOREA

Pseudocercospora ranjita IASG 661; IMI 87419a; Natrass, 1961

GOSSYPIUM HIRSUTUM

Alternaria gossypina IMI 119093a
Alternaria macrospora IMI 78549
Ascochyta gossypii IMI 111903a
Athelia rolfsii NAL 3548
Cunninghamella sp. SAL 1085
Fusarium solani NAL 3828
Fusarium sp. Robinson, 1960
Glomerella gossypii McDonald, 1936
Lasioidiplodia theobromae SAL 1031
Macrophomina phaseolina SAL 1005; SAL 1971
Nigrospora sp. IMI 7203

Pestalotia gossypii SAL 1054
Phakopsora gossypii IMI 39112
Phoma sp. SAL 1087
Phomopsis lavaterae SAL 1052
Ramularia gossypii McDonald, 1936; SAL 1528
Verticillium sp. Robinson, 1960

GOSSYPIMUM SP.

Bipolaris gossypina ATCC 60829

GREVILLEA ROBUSTA

Armillaria mellea EA 1256
Mariannaea elegans IMI 114248
Polyporus tenuiculus EA 2180

GUIZOTIA SCABRA

Puccinia guizotiae IMI 52481

HALLERIA LUCIDA

Cocconia halleriae IMI 80453

HAPLOCARPHA SCHIMPERI

Uredo sp. IMI 45433

HELIANTHUS ANNUUS

Albugo tragopogonis IMI 41060
Alternaria solani NAL 3762
Alternaria zinniae SAL 1226
Ascochyta sp. SAL 1222
Fusarium oxysporum NAL 3722
Phoma oleracea var. *helianthi-tuberosi* Martens et al., 1970
Plasmopara halstedii NAL 3625
Puccinia helianthi IMI 45428
Sclerotinia minor SAL 1266
Sclerotinia sclerotiorum SAL 1658
Septoria helianthi IMI 53744
Verticillium albo-atrum Martens et al., 1970

HELIANTHUS TUBEROSUS

Thanatephorus cucumeris IMI 68031

HELICHRYSUM FOETIDUM

Colletotrichum helichrysi IMI 148626

HERACLEUM ABYSSINICUM

Septoria sp. IMI 82414

HIBISCUS CALYPHYLLUS

Puccinia exilis var. *hibisci* IMI 80995

HIBISCUS CANNABINUS

Aecidium garckeianum IMI 52475; IMI 52477
Fusarium pallidoroseum IMI 49892
Glomerella cingulata SAL 1746; IMI 1758
Leveillula taurica IMI 119442
Oidium sp. IMI 123717
Sclerotinia sclerotiorum SAL 1895

HIBISCUS DIVERSIFOLIUS

Botrytis cinerea SAL 1794
Phomopsis lavaterae McDonald, 1936

Phyllosticta sp. IMI 80460

HIBISCUS ESCULENTUS

Oidium sp. IMI 115787
Pseudocercospora abelmoschi NAL 3545
Verticillium dahliae IMI 151435

HIPPEASTRUM SP.

Stagonospora sp. SAL 1868

HORDEUM VULGARE

Cochliobolus sativus McDonald, 1936; IMI 75223
Dendryphion nanum IMI 67878
Erysiphe graminis Robinson, 1960
Fusarium equiseti IMI 49888
Gaeumannomyces graminis Robinson, 1960
Puccinia graminis IMI 79256
Puccinia hordei Anon., 1913; IMI 79623
Puccinia striiformis McDonald, 1936; IMI 79254
Pyrenophora graminea McDonald, 1936; IMI 45770
Pyrenophora teres McDonald, 1936; IMI 47722
Rhynchosporium secalis IMI 75222; IMI 78556
Ustilago hordei McDonald, 1936; SAL 1794
Ustilago nuda McDonald, 1936

HYMENOCALLIS TUBIFLORA

Botrytis cinerea SAL 1188

HYPARRHENIA CYMBARIA

Claviceps sp. SAL 1641

HYPARRHENIA DIPLANDRA

Puccinia andropogonicola IMI 82036

HYPARRHENIA DISSOLUTA

Puccinia erythraeensis SAL 1430

HYPARRHENIA FILIPENDULA

Puccinia erythraeensis IMI 44180

HYPARRHENIA HIRTA

Puccinia erythraeensis IMI 44181

HYPARRHENIA LINTONII

Claviceps sp. SAL 1640
Puccinia erythraeensis IMI 44182

HYPARRHENIA RUFA

Puccinia erythraeensis IMI 44179

HYPARRHENIA SCHIMPERI

Puccinia erythraeensis IMI 78546

HYPERICUM LANCEOLATUM

Puccinia keniensis IMI 79258; IMI 79556; IMI 79260
Puccinia sp. IMI 79800a

HYPERICUM ROEPERIANUM

Puccinia sp. IMI 78345

HYPERICUM SP.*Puccinia* sp. McDonald, 1936**HYPOESTIS SP.***Puccinia isoglossae* IMI 44526; IMI 44527**IMPATIENS SP.***Cercospora nojimae* IMI 79662*Colletotrichum* sp. NAL 3910*Rhizoctonia solani* IMI 211175; Nattrass, 1961*Thanatephorus cucumeris* NAL 3699**INDIGOFERA SP.***Parodiella hedysari* SAL 1073*Uromyces orientalis* IMI 43522**INDIGOFERA SWAZIENSIS***Parodiella hedysari* IMI 148649**IPOMOEA BATATAS***Ascochyta* sp. IMI 148739*Botryodiplodia theobromae* IMI 45771*Fusarium lateritium* NAL 3908*Phomopsis ipomoeae-batatas* NAL 3902**IPOMOEA HILDEBRANTII***Cercospora ipomoeae* IMI 68282**IPOMOEA INTRAPILOSA***Periconia byssoides* Gatumbi, 1986**IPOMOEA PURPUREA***Alternaria sesami* SAL 1037**IPOMOEA SP.***Albugo ipomoeae-panduratae* IMI 41059; IMI 44530*Cercospora ipomoeae* IMI 79666*Puccinia holosericea* IMI 42244; IMI 80994*Ramularia* sp. SAL 1360*Uromyces ipomoeae* IMI 81009**IPOMOEA SPP.***Phomopsis ipomoeae-batatas* IMI 148637a**IRIS SP.***Mycosphaerella iridis* SAL 1666; IMI 2150**ISCHAEMUM BRACHYATHERUM***Puccinia versicolor* IMI 47157; IMI 79650**ISOGLOSSA LACTEA***Aschersonia aleyrodii* IMI 148715**JACARANDA MIMOSIFOLIA***Cochliobolus hawaiiensis* IMI 41304*Macrophomina phaseolina* IMI 42242*Trichoderma viride* IMI 40963**JASAMINUM FLUMINENSE***Puccinia exhauriens* IMI 60506**JASMINUM FLORIBUNDUM***Uromyces hobsonii* McDonald, 1936**JASMINUM OFFICINALE***Uromyces hobsonii* IMI 77944**JASMINUM SOMALIENSE***Puccinia exhauriens* CAT 6; IMI 79765; Nattrass, 1961**JASMINUM SP.***Uromyces hobsonii* IMI 54536**JUNIPERUS PROCERA***Botrytis cinerea* McDonald, 1936*Caliciopsis nigra* McDonald, 1936; SAL 1526; EA 723*Daedalea juniperina* IASG 15; Nattrass, 1961*Fomes demidoffii* EA 674*Fomes juniperinus* Duke, 1926*Hormiscium pithyophilum* McDonald, 1936*Pyrofomes demidoffii* CBS 169.32*Rhynchosphaeria cupressi* SAL 1417**JUSTICIA FLAVA***Aecidium justiciae* IMI 139263**JUSTICIA SP.***Puccinia* sp. IMI 79801**JUSTICIA STRIATA***Puccinia semiloculata* IMI 148714**KNIPHOFIA SP.***Septoria* sp. SAL 1667**KOSTELETZKYA ADOENSIS***Puccinia exilis* IMI 79799; IMI 80368**LABIATE (UNIDENTIFIED)***Puccinia menthae* Duke, 1926**LABLAB PURPUREUS***Elsinoe phaseoli* SAL 1947; IMI 1938*Septoria lablabina* IMI 34007**LABLAB PURPUREUS SUBSP. BENGALENSIS***Leveillula taurica* IMI 150266**LACTUCA CAPENSIS***Mycosphaerella* sp. IMI 148723*Septoria lactucae* IMI 84599**LACTUCA GLANDULIFERA***Alternaria tenuissima* IMI 131321*Ascochyta* sp. IMI 131320**LACTUCA SATIVA***Bremia lactucae* IMI 114792*Erysiphe cichoracearum* NAL 3906*Sclerotinia sclerotiorum* SAL 2170*Septoria lactucae* IMI 47727

LAELIOCATTLEYA SP.*Uredo behnickiana* IMI 51473**LAGENARIA PATTERSONII***Ascochyta* sp. NAL 3765**LAGENARIA SICERARIA***Cercospora lagenariae* NAL 3752*Cladosporium* sp. NAL 3752*Leptosphaeria musarum* NAL 3718*Oidium* sp. NAL 3554*Phoma herbarum* NAL 3719*Pseudocercospora* sp. NAL 3672**LATHYRUS ODORATUS***Erysiphe trifolii* SAL 1513; IMI 2151*Glomerella cingulata* IMI 74144**LAUNAEA CORNUTA***Epicoccum nigrum* IMI 136722b*Oidium* sp. IMI 136722a**LEONOTIS NEPETIFOLIA***Oidium* sp. IMI 136718*Puccinia leonotidicola* Duke, 1926; McDonald, 1936; IMI 45430**LEPIDIUM BONARIENSE***Oidium* sp. IMI 139048**LEPISTEMONOPSIS VOLKENSII***Albugo ipomoeae-panduratae* SAL 2071**LEPTOCHLOA OBTUSIFLORA***Uromyces leptochloae* IMI 53427**LEUCAENA LEUCOCEPHALA***Fusarium chlamydosporum* NAL 3878*Fusarium solani* NAL 3878**LEUCAS MASAIENSIS***Puccinia leucadis* IMI 43525**LEUCAS MOLLIS***Oidium* sp. IMI 136729**LILIUM SP.***Alternaria tenuissima* IMI 102749c*Botrytis cinerea* IMI 102749a*Colletotrichum dematium* IMI 102749b**LIMONIUM SP.***Alternaria* sp. NAL 4054*Colletotrichum* sp. NAL 4055*Pestalotiopsis* sp. NAL 4053**LIMONIUM SINUATUM***Botrytis cinerea* NAL 3761*Cercospora insulana* IMI 52920; IMI 82888*Chaetomium globosum* SAL 1762**LINARIA SP.***Sclerotinia minor* SAL 1887**LINUM USITATISSIMUM***Alternaria linicola* IMI 35216*Aureobasidium pullulans* var. *lini* Duke, 1926; McDonald, 1936*Fusarium avenaceum* IMI 2894*Fusarium oxysporum* f.sp. *lini* Duke, 1926; McDonald, 1936*Macrophomina phaseolina* McDonald, 1936*Melampsora lini* McDonald, 1936; IMI 45435*Mycosphaerella linicola* SAL 1919*Oidium lini* SAL 1232*Penicillium* sp. SAL 1246*Phoma linicola* Anon., 1950*Phomopsis* sp. McDonald, 1936*Septoria linicola* SAL 1914**LIPPIA CARVIODORA***Leveillula* sp. SAL 1867**LIPPIA JAVANICA***Aecidium nairobiannum* IMI 42248*Aecidium* sp. McDonald, 1936*Puccinia lippiicola* IMI 45427; IMI 82533**LIPPIA SP.***Aecidium evansii* IMI 43927**LIPPIA UKAMBENSIS***Aecidium nairobiannum* IMI 43926**LOBELIA KENIENSIS***Septoria* sp. IMI 111905**LOBELIA SP.***Phomopsis lobeliae* Duke, 1926; McDonald, 1936**LOLIUM MULTIFLORUM***Puccinia graminis* f.sp. *secalis* Green et al., 1970**LOLIUM PERRENE***Puccinia coronata* SAL 1965*Puccinia graminis* IMI 78502*Puccinia loliina* IMI 81011**LOLIUM TEMULENTUM***Puccinia graminis* IMI 79648**LORANTHUS FISCHERI***Aecidium cookeanum* SAL 1816**LOUDETIA ARUNDINACEA***Phakopsora loudetiae* IMI 82037; IMI 82039*Puccinia loudetiae* IMI 82039; IMI 82040**LUDWIGIA ABYSSINICA***Septoria jussiaeae* IMI 80457

LUFFA AEGYPTIACA*Oidium* sp. IMI 136727**LUPINUS ALBUS***Uromyces renovatus* IMI 45434**LUPINUS MUTABILIS***Corticium solani* SAL 1618**LUPINUS SP.***Coniothecium* sp. IMI 72125*Fusarium lateritium* IMI 49523*Fusarium oxysporum* IMI 49524**LUPINUS TERMIS***Uromyces renovatus* McDonald, 1936**LYCOPERSICON ESCULENTUM***Alternaria solani* IMI 53746*Fulvia fulva* IMI 39648*Fusarium oxysporum* NAL 3446*Fusarium sambucinum* Gordon 2892; Nattrass, 1961*Leveillula taurica* SAL 1848*Myrothecium roridum* IMI 63664*Periconia byssoides* IMI 131324b*Phoma* sp. SAL 1811*Phytophthora infestans* Nattrass, 1961*Phytophthora parasitica* IMI 68707*Septoria lycopersici* Duke, 1926; McDonald, 1936; IMI 3746*Spegazzinia tessartha* IMI 37935*Thanatephorus cucumeris* SAL 1853; NAL 3679**LYSIMACHIA RUHMERIANA***Septoria* sp. IMI 44532**MACADAMIA SP.***Armillaria mellea* EA 1270*Coniothyrium olivaceum* NAL 3713**MAESA LANCEOLATA***Guignardia* sp. IMI 83250b*Sphaceloma* sp. IMI 83250a**MAESOPSIS EMINII***Corioloopsis occidentalis* EA 1656*Coriolus hirsutus* EA 788*Fusarium solani* EA 823; IMI 92278*Pestalotiopsis cruenta* IMI 90778c**MALOPE SP.***Chaetomium globosum* SAL 1761*Mycosphaerella pomi* NAL 3899**MALUS SYLVESTRIS***Armillaria mellea* Anon., 1948*Botryodiplodia theobromae* Duke, 1926; McDonald, 1936*Coniothecium chomatosporum* McDonald, 1936*Corticium rolfsii* IMI 49110*Gloeosporium* sp. SAL 1736*Glomerella cingulata* McDonald, 1936*Phomopsis pernicioso* McDonald, 1936*Phyllosticta pyrina* McDonald, 1936*Physalospora cydoniae* Duke, 1926; McDonald, 1936*Podosphaera leucotricha* SAL 2023*Rosellinia necatrix* SAL 2088*Sclerophoma mali* McDonald, 1936*Trichoderma viride* SAL 2090*Venturia inaequalis* McDonald, 1936; SAL 2165**MALVA SP.***Cercospora* sp. IMI 68741**MALVA VERTICILLATA***Cercospora* sp. IMI 79649*Puccinia malvacearum* IMI 80365**MANDEVILLA SP.***Hemileia mandevillae* IMI 43518**MANGIFERA INDICA***Aspergillus awamori* IMI 45629*Aspergillus niger* IMI 45628*Aspergillus stromatoides* IMI 45630*Cladosporium* sp. NAL 3844*Curvularia lunata* IMI 49677*Elsinoe mangiferae* NAL 3697*Glomerella cingulata* McDonald, 1936; Robinson, 1960; SAL 1844; SAL 2172*Guignardia mangiferae* NAL 3783*Oidium mangiferae* IMI 73878*Pestalotiopsis glandicola* IMI 38808*Rhizopus stolonifer* NAL 3844**MANIHOT ESCULENTA***Alternaria* sp. NAL 3700*Botryodiplodia* sp. SAL 2042*Fusarium oxysporum* NAL 3681*Glomerella cingulata* SAL 2042*Mycosphaerella henningsii* McDonald, 1936; IMI 57362*Nattrassia toruloidea* SAL 1724*Phomopsis* sp. IMI 56289**MANILKARA ZAPOTA***Glomerella cingulata* IMI 11493**MARISCUS HEMISPHAERICUS***Puccinia hennopsiana* IMI 42249**MATRICARIA CHAMOMILLA***Oidium* sp. IMI 139047*Puccinia anthemidis* NAL 1995*Puccinia onici-oleracei* NAL 4063, IMI 369922**MATTHIOLA INCANA***Glomerella cingulata* IMI 62879**MAYTENUS SENEGALENSIS***Asterina dissiliens* IMI 148697**MEDICAGO SATIVA***Armillaria mellea* EA 1898*Colletotrichum trifolii* McDonald, 1936

- Gloeosporium morianum* IMI 78915
Helicobasidium purpureum SAL 1205
Leptosphaerulina trifolii SAL 1275
Peronospora trifoliorum IMI 52928
Pseudopeziza medicaginis McDonald, 1936; IMI 78922
Pythium hydnosporum SAL 1096
Rosellinia necatrix SAL 2087
Uromyces striatus Duke, 1926; McDonald, 1936; IMI 41122
- MELANTHERA SCANDENS SUBSP. MADAGASCARIENSIS**
Uromyces melantherae IMI 148706
- MELIA AZEDARACH**
Septoria meliae IMI 53753
- MELINIS MINUTIFLORA**
Fusarium sambucinum IMI 49896
Sphacelia sp. Nattrass, 1961
- MELOTHRIA TOMENTOSA**
Puccinia melothriicola IMI 81749
- MENTHA ARVENSIS VAR. PIPERESCENS**
Puccinia menthae McDonald, 1936
- MENTHA SP.**
Septoria sp. NAL 4023
- MENTHA X PIPERATA**
Puccinia menthae McDonald, 1936
- MICROGLOSSA PYRIFOLIA**
Aecidium sp. SAL 2110
Puccinia aurata IMI 45155; IMI 45162
- MIKANIA CORDATA**
Aecidium mikaniae IMI 148707
- MILLETIA DURA**
Phyllachora milletiae IMI 41066; IMI 78551
- MILLETIA SP.**
Diplodia sp. IMI 115780
- MILLETIA USARAMENSIS**
Cercosporidium sp. IMI 82529
- MOLUCELLA LAEVIS**
Cercospora molucellae NAL 3841
Sclerotinia sclerotiorum Gatumbi, 1987
- MOLUCELLA SP.**
Myrothecium roridum IMI 129244
- MOMORDICA CHARANTIA**
Alternaria tenuissima IMI 75998
- MOMORDICA FOETIDA**
Puccinia momordicae IMI 148621
- MOMORDICA SCHIMPERIANA**
Cercospora citrullina IMI 68284; IMI 81013
Uredo sp. IMI 79549
- MONECHMA DEBILE**
Oidium sp. IMI 136721
- MORUS SP.**
Ovulariopsis sp. IMI 115781
Phloeospora mori IMI 52755; Duke, 1926; McDonald, 1936
- MURDANNIA SIMPLEX**
Phyllosticta sp. IMI 148713
- MUSA NANA VAR. SAPIENTUM**
Colletotrichum musae IMI 52264
- MUSA SAPIENTUM**
Alternaria tenuissima NAL 3703
Armillaria mellea Anon., 1950
Ceratocystis paradoxa IMI 136567
Cochliobolus cynodontis NAL 3528
Colletotrichum musae McDonald, 1936; NAL 3702; IMI 212757
Curvularia brachyspora NAL 3703
Drechslera sp. NAL 3570
Fusarium chlamydosporum NAL 3525
Fusarium equiseti IMI 49103
Fusarium oxysporum f.sp. *cubense* IMI 50184
Fusarium solani IMI 146937
Glomerella cingulata IMI 49679
Microthyriella sp. NAL 3703
Mycosphaerella musicola NAL 3904; IMI 343470
Nectria inventa IMI 84402
Phaeoseptoria musae NAL 3718
Phoma jolyana NAL 3670
Phoma sorghina NAL 3572
Rhizopus stolonifer IMI 77835
Verticillium theobromae SAL 3217
- MUSA X PARADISIACA**
Mycosphaerella fijiensis NAL 3905
- NARCISSUS PSEUDONARCISSUS**
Fusarium oxysporum IMI 81750
- NERIUM OLEANDER**
Fusarium solani NAL 3603
Gliocladium roseum NAL 3603
Neocosmospora vasinfecta NAL 3603
- NICANDRA PHYSALODES**
Alternaria solani IMI 70425
- NICOTIANA SP.**
Alternaria longipes IMI 80969
Leveillula taurica IMI 80454

NICOTIANA TABACUM

- Alternaria longipes* Robinson, 1960
Cercospora nicotianae Duke, 1926; McDonald, 1936; IMI 68745
Erysiphe cichoracearum McDonald, 1936; IMI 82891

NIDORELLA SP.

- Puccinia aecidiiformis* IMI 42246; IMI 43015

NUXIA CONGESTA

- Armillaria mellea* EA 1860
Asteridiella nuxiae 0111 NAI

NYPHAEAE CAPENSIS

- Cercoseptoria nymphaeacea* IMI 80455
Doassansiopsis nymphaeae IMI 80566

OCIMUM BASILICUM

- Oidium* sp. IMI 136726

OCIMUM SUAVE

- Peronospora lamii* NAL 3907
Peronospora sp. IMI 87170
Puccinia ocimi IMI 82525; IMI 82532

OCOTEA USAMBARENSIS

- Armillaria mellea* IMI 158164
Coriolus versicolor EA 1824
Fomes setulosus EA 722
Ganoderma applanatum EA 748
Septoria sp. IASG 592; IMI 78344

OENANTHE PALUSTRIS

- Mycosphaerella* sp. IMI 44533; IMI 72594

OENANTHE SP.

- Mycosphaerella stephanorossiae* Duke, 1926; McDonald, 1936

OLEA EUROPAEA SUBSP. AFRICANA

- Fomes yucatanensis* Duke, 1926; McDonald, 1936

OLEA HOCHSTETTERI

- Ganoderma* sp. EA 767b

OLEA WELWITSCHII

- Meliola petiolaris* IMI 90200a; EA 783

OPILIA CELTIDIFOLIA

- Meliola opiliae* IMI 148680

OPLISMENUS COMPOSITUS

- Tilletia vittata* IMI 96382

ORNITHOGALUM ORNITHOGALUM

- Heterosporium ornithogali* NAL 3894

ORNITHOGALUM SP.

- Uromyces maireanus* IMI 131328

ORNITHOPUS SATIVUS

- Colletotrichum trifolii* SAL 1832
Fusarium equiseti IMI 49889

ORYZA SATIVA

- Alternaria padwickii* IMI 136436a
Cochliobolus ellisii IMI 85596
Epicoccum nigrum NAL 3567
Fusarium equiseti NAL 3576
Fusarium graminearum NAL 3568
Fusarium oxysporum NAL 3564
Helminthosporium sp. IMI 87174
Khuskia oryzae NAL 3566
Leptosphaeria oryzina IMI 63389
Magnaporthe grisea Duke, 1926; McDonald, 1936
Magnaporthe salvinii NAL 3649; IMI 63388
Melanospora zamiae NAL 3543
Ophiobolus oryzinus IMI 63390
Phoma glomerata NAL 3575
Pyricularia oryzae Robinson, 1960
Sarocladium oryzae IMI 356657; CBS 361.75
Xylaria sp. NAL 3626

OXALIS LATIFOLIA

- Puccinia oxalidis* NAL 3787

OXYGONUM ATRIPICIFOLIUM

- Puccinia polygoni-amphibii* IMI 40407

PANICUM COLORATUM

- Uromyces linearis* IMI 53429

PANICUM MAXIMUM

- Cercoseptoria* sp. IMI 72595a
Claviceps sp. SAL 1638; SAL 1642
Fusarium heterosporum IMI 49107
Fusarium oxysporum IMI 49353
Periconia digitata IMI 72595d
Periconia echinochloae IMI 72595c
Periconia lateralis IMI 72595b
Phyllachora setariicola Duke, 1926; McDonald, 1936
Tilletia ayresii IMI 49460; IMI 79654
Uromyces setariae-italicae IMI 43430

PANICUM SP.

- Sphacelia* sp. SAL 1102

PASPALUM NOTATUM

- Claviceps paspali* Nattrass, 1961
Omphalia sp. Nattrass, 1961

PASSIFLORA CAERULEA

- Stemphylium* sp. Nattrass, 1961

PASSIFLORA EDULIS

- Alternaria passiflorae* SAL 2026
Colletotrichum capsici NAL 3696
Colletotrichum passiflorae SAL 1058a
Dendryphiella vinosa IMI 75307
Fusarium oxysporum IMI 49194; IMI 49520
Fusarium scirpi SAL 1041

Fusarium solani SAL 1042; IMI 48624
Glomerella cingulata IMI 15072
Phomopsis sp. IMI 22632; IMI 22633
Pythium acanthicum IMI 32039
Septoria passiflorae IMI 20292

PASSIFLORA LIGULARIS

Glomerella cingulata SAL 1020

PASSIFLORA SP.

Rhizopus stolonifer NAL 3551

PAVONIA URENS VAR. SCHIMPERIANA

Cercospora sp. IMI 69241
Pseudocercospora pavoniae IMI 68741
Puccinia malvacearum IMI 43646

PELARGONIUM FISCHERI

Puccinia granularis IMI 51475

PELARGONIUM GRAVEOLENS

Puccinia pelargonii-zonalis IMI 73879
Septoria geranii IMI 73688
Septoria sp. IMI 73686

PELARGONIUM SP.

Puccinia granularis IMI 36862

PELARGONIUM ZONALE

Botrytis cinerea SAL 1615
Fusarium oxysporum IMI 2896
Puccinia pelargonii-zonalis SAL 2065

PEMPHIS ACIDULA

Septonema sp. IMI 83422

PENNISETUM AMERICANUM

Cerebella andropogonis McDonald, 1936; SAL 2117
Puccinia substriata var. *penicillariae* IMI 78537; McDonald, 1936
Sclerospora graminicola McDonald, 1936
Tolyposporium penicillariae Duke, 1926; Thorold 1935; McDonald, 1936

PENNISETUM CLANDESTINUM

Beniowskia sphaeroidea SAL 1410
Mucilago crustacea McDonald, 1936; SAL 1918
Phakopsora apoda IMI 44177
Puccinia penicillariae Hitchcock 24824 (U.S. Nat. Herb.); Natrass, 1961

PENNISETUM GLABRUM

Claviceps sp. SAL 1639
Fusarium heterosporum IMI 49193

PENNISETUM MEZIANUM

Cerebella andropogonis IMI 57358
Phyllachora minutissima SAL 1632

PENNISETUM POLYSTACHYON

Beniowskia sphaeroidea IMI 44102

PENNISETUM PURPUREUM

Apiospora camptospora IMI 80360
Beniowskia sphaeroidea SAL 2010
Cercospora fusimaculans IMI 81756
Cercospora sorghi IMI 73691
Didymosphaeria panici IMI 73689
Khuskia oryzae NAL 3690
Magnaporthe grisea IMI 83420
Phyllosticta healdii NAL 3691

PENNISETUM SCHIMPERI

Phyllachora bonariensis IMI 82033

PENNISETUM SP.

Cintractia dubiosa McDonald, 1936

PENNISETUM SQUAMULATUM

Puccinia substriata var. *penicillariae* IMI 82035

PENNISETUM STRAMINEUM

Puccinia substriata var. *penicillariae* IMI 53431

PENNISETUM TRACHYPHYLLUM

Fusarium acuminatum IMI 48620

PENSTEMON SP.

Ascochyta sp. IMI 57458
Sclerotinia sclerotiorum SAL 1278

PENTANISIA OURANOGYNE

Puccinia pentanisiae IMI 45153

PERIPLUCA LINEARIFOLIA

Meliola sp. IMI 78908

PERSEA AMERICANA

Cephaleuros mycordeae McDonald, 1936; SAL 1996
Colletotrichum sp. NAL 3539
Diplodia theobromae NAL 4024
Glomerella cingulata NAL 3688
Oidium sp. NAL 3544
Stromiopeltis rubi NAL 3587

PETROSELINUM HORTENSE

Fusarium solani IMI 49526
Septoria petroselini IMI 53750

PHASEOLUS AUREUS

Ascochyta phaseolorum IMI 73881
Elsinoe phaseoli IMI 18863
Erysiphe pisi IMI 82890

PHASEOLUS LUNATUS

Ascochyta phaseolorum IMI 73687
Colletotrichum truncatum IMI 74196
Phoma exigua NAL 3804

PHASEOLUS MUNGO

- Cercospora* sp. IMI 82197a
Erysiphe pisi IMI 82197b

PHASEOLUS RADIATUS

- Sclerotinia sclerotiorum* NAL 3550

PHASEOLUS SP.

- Fusarium oxysporum* NAL 3838
Rhizoctonia sp. IMI 346729

PHASEOLUS VULGARIS

- Alternaria cucumerina* IMI 206021
Alternaria sp. NAL 3709
Ascochyta phaseolorum IMI 49109
Aspergillus flavipes IMI 359546
Aspergillus niger IMI 359542
Chaetomium spirale NAL 3557
Colletotrichum lindemuthianum McDonald, 1936; IMI 57460
Elsinoe phaseoli NAL 3698
Fusarium semitectum NAL 3533
Macrophomina phaseolina IMI 62566
Mycovellosiella phaseoli IMI 91195a; CBS 102.80; SAL 1154
Penicillium aurantiogriseum IMI 68119
Phoma exigua NAL 3803
Phoma exigua var. *dispersispora* IMI 331907; ATCC 58123
Sclerotinia sclerotiorum IMI 141593
Thanatephorus cucumeris NAL 3863
Uromyces appendiculatus Duke, 1926; SAL 1839
Uromyces viciae-fabae McDonald, 1936

PHLOX SP.

- Septoria drummondii* Anon., 1936

PHOENIX DACTYLIFERA

- Botryodiplodia palmarum* IMI 186121
Ceratocystis radicola NAL 3605
Glyphiola phoenicis McDonald, 1936; IMI 80361

PHOENIX RECLINATA

- Stigmia palmivora* IMI 8824

PHORMIUM TENAX

- Glomerella phacidioromorpha* IMI 89205
Physalospora sp. McDonald, 1936

PHYLLANTHUS ODONTADENIUS

- Oidium* sp. IMI 136719

PHYLLANTHUS RETICULATUS VAR. GLABER

- Aecidium* sp. IMI 79763

PHYLLANTHUS SP.

- Mycosphaerella phyllanthi* Ondieki, 1973

PHYSALIS PERUVIANA

- Alternaria solani* IMI 131338
Entyloma australe IMI 41078; IMI 75801

PINUS CANARIENSIS

- Armillaria mellea* IMI 85625

- Mycosphaerella pini* EA 970

PINUS CARIBAEA

- Armillaria mellea* EA 2055
Macrophoma pinea IMI 114778; EA 1292

PINUS CONTORTA

- Mycosphaerella pini* EA 1301

PINUS ELLIOTTI

- Armillaria mellea* EA 838
Epicoccum purpurascens IMI 108132; EA 1096
Glomerella cingulata IMI 90974b
Mycosphaerella pini EA 932
Pestalotia cryptomeriae IMI 90974a

PINUS ENGELMANII

- Cyclaneusma niveum* EA 911b
Hebeloma crustuliniforme EA 718
Mycosphaerella pini EA 998a

PINUS HONDURENSIS

- Cyclaneusma niveum* EA 866
Mycosphaerella pini IMI 95451a; EA 866
Mycosphaerella pinicola EA 866

PINUS INSULARIS

- Fusarium* sp. EA 697
Hebeloma crustuliniforme EA 840
Mycosphaerella pini EA 1191

PINUS MASSONIANA

- Epicoccum purpurascens* EA 1097

PINUS MONTEZUMAE

- Mycosphaerella pini* EA 1316
Sydowia polyspora IMI 122835

PINUS MURICATA

- Mycosphaerella pini* EA 1186

PINUS PALUSTRIS

- Mycosphaerella pini* EA 1183

PINUS PATULA

- Alternaria alternata* EA 1219b
Armillaria mellea EA 727; IMI 158162; IMI 86060
Coremiella cubispora IMI 124364
Cyclaneusma niveum EA 873
Macrophoma sapinea EA 706
Periconia echinochloae IMI 214166
Pithomyces chartarum EA 2054
Pythium ultimum IMI 36352
Rosellinia necatrix SAL 1930
Sphaeropsis sp. IMI 116339
Stereum sanguinolentum EA 1125
Sydowia polyspora EA 769a; IMI 90331
Thelephora terrestris EA 677

PINUS PINASTER

- Cyclaneusma niveum* EA 911a
Laccaria lateritia EA 1692
Mycosphaerella pini EA 1124
Sydowia polyspora EA 830

PINUS PONDEROSA

- Mycosphaerella pini* EA 1043

PINUS PSEUDOSTROBUS VAR. TENUIFOLIA

- Fusicoccum* sp. EA 1974
Mycosphaerella pini EA 2034

PINUS RADIATA

- Alternaria alternata* EA 1002
Armillaria mellea EA 791
Aspergillus wentii IMI 193657
Botryosphaeria ribis IMI 89063
Botrytis cinerea EA 796
Cladosporium sp. EA 801
Colletotrichum sp. EA 884; IMI 95993
Cyclaneusma niveum IMI 5912
Glomerella cingulata EA 824
Macrophoma sapinea IASG 491; IMI 74242
Mycosphaerella pini EA 866
Mycosphaerella pinicola EA 864; IMI 95092
Pestalotia microspora IASG 570; Nattrass, 1961
Pestalotiopsis gigas IASG 570; Nattrass, 1961
Pestalotiopsis stictica IMI 63329
Pestalotiopsis virgatula IASG 382; Nattrass, 1961
Phomopsis conorum IMI 82517a
Phyllosticta sp. EA 773; IMI 89254
Poria hypobrunnea EA 2076
Rhizopogon sp. EA 633
Schizophyllum commune EA 716
Septoriella septospora EA 853
Sphaeropsis sapinea IMI 181955
Stereum hirsutum EA 626; IMI 90249
Stereum sanguinolentum EA 1125
Trichoderma viride IMI 40962
Xylodon versiporus EA 1109

PINUS ROXBURGHII

- Mycosphaerella pini* EA 1094

PINUS TAEDA

- Mycosphaerella pini* EA 1121
Mycosphaerella pinicola EA 1279
Trichothecium roseum IMI 122146; EA 1688

PINUS TORREYANA

- Mycosphaerella pini* EA 1189

PIPER CAPENSE

- Uredo* sp. IMI 148687

PISUM SATIVUM

- Ascochyta pisi* IMI 57455
Cercospora sp. NAL 4020
Erysiphe pisi IMI 56287
Macrophomina phaseolina NAL 4021
Mycosphaerella pinodes IMI 72599

- Peronospora viciae* SAL 2167

- Septoria pisi* IMI 53754

PLUMERIA ALBA

- Glomerella cingulata* IMI 148660

PODOCARPUS GRACILIOR

- Actinomucor elegans* IMI 40054
Chlorosplenium aeruginosum Nattrass, 1961
Corynelia uberata Duke, 1926; McDonald, 1936; IMI 52925

PODOCARPUS MILANJIANUS

- Polyporus caesius* EA 765a

PODOCARPUS SP.

- Armillaria mellea* EA 913
Corynelia uberata EA 1822

POLIANTHES TUBEROSA

- Fusarium* sp. NAL 4052

POLYGONUM CONVULVULUS

- Puccinia polygoni-amphibii* IMI 51474; IMI 79645

POLYGONUM SENEGALENSE

- Melanopsichium pennsylvanicum* SAL 1511
Ustilago utriculosa NAL 3602

POLYGONUM SETOSULUM

- Melanopsichium pennsylvanicum* IMI 78554
Puccinia polygoni-weyrichii IMI 80465
Puccinia sp. IMI 148652

POLYGONUM SP.

- Botrytis cinerea* SAL 1617
Melanopsichium pennsylvanicum IMI 36136; IMI 36137
Puccinia polygoni-amphibii IMI 39114
Ustilago utriculosa IMI 36138

POPULUS ILICIFOLIA

- Armillaria mellea* EA 1621
Melampsora populnea IMI 72048
Mycosphaerella sp. EA 1844

PORTULACA OLERACEA

- Albugo portulacaeae* IMI 44529
Glomerella cingulata IMI 13139b

PRUNUS AFRICANA

- Armillaria mellea* IMI 63587
Hexagonia discopoda EA 782
Phyllosticta sp. NAL 3654
Poria hypobrunnea EA 190a

PRUNUS ALLAGHENIENSIS

- Parmotrema austrosinense* NAL 3914
Ramalina celastri NAL 3915

PRUNUS AMYGDALUS

- Taphrina deformans* Natrass, 1961
Tranzschelia pruni-spinosae Natrass, 1961

PRUNUS ARMENIACA

- Armillaria mellea* Anon., 1948
Tranzschelia pruni-spinosae McDonald, 1936

PRUNUS CERASOIDES

- Cercospora graphioides* NAL 3789

PRUNUS DOMESTICA

- Armillaria mellea* Anon., 1957
Colletotrichum acutatum Ondieki, 1973
Cytospora sp. SAL 1893
Ganoderma lucidum McDonald, 1936
Stilbum sp. NAL 3583
Tranzschelia pruni-spinosae IMI 52479; IMI 81010
Venturia carpophila SAL 1261

PRUNUS PERSICA

- Armillaria mellea* Anon., 1949
Sphaerotheca pannosa McDonald, 1936
Taphrina deformans McDonald, 1936; IMI 52926
Tranzschelia pruni-spinosae Duke, 1926; McDonald, 1936

PSIDIUM GUAJAYA

- Glomerella cingulata* McDonald, 1936
Glomerella psidii Duke, 1926

PSYCHOTRIA NAIROBIENSIS

- Hemileia holstii* IMI 43020

PTERIDIUM AQUILINUM

- Acarella* sp. IMI 81752
Uredinopsis pteridis IMI 79548

PUNICA GRANATUM

- Pestalotiopsis* sp. Gatumbi, 1986
Pseudocercospora punicae IMI 42236

PYRUS COMMUNIS

- Armillaria mellea* Robinson, 1960; NAL 4022
Botrytis cinerea SAL 1245
Cephalotrichum microsporum NAL 3652
Corticium salmonicolor IMI 92184
Peroneutypa sp. McDonald, 1936
Physalospora cydoniae McDonald, 1936
Rosellinia necatrix SAL 2201
Sclerophoma mali McDonald, 1936
Ustulina deusta Duke, 1926; McDonald, 1936
Xylaria sp. NAL 3667

QUERCUS ROBUR

- Oidium* sp. EA 1715

RAPHANUS RAPHANISTRUM

- Albugo candida* SAL 1825

RAPHANUS SATIVUS

- Albugo candida* NAL 3842

- Pythium* sp. IMI 49926

RAPHIA FARINIFERA

- Torula* sp. SAL 1737

RHEUM RHAPONTICUM

- Ascochyta rhei* IMI 57355

RHOICISSUS ERYTHRODES

- Pseudocercospora rhoicissi* IMI 68742

RHUS GLAUCESCENS

- Muribasidiospora hesperidum* IMI 44101

RHUS VILLOSA

- Muribasidiospora hesperidum* IMI 44290

RHYNCHELYTRUM REPENS

- Phyllachora tricholaenae* Duke, 1926; McDonald, 1936; IMI 47478
Puccinia levis IMI 39115; IMI 79618

RHYNCHOSIA ELEGANS

- Aphysa rhynchosiae* IMI 79651
Synchytrium phaseoli IMI 51471
Uromyces dolicholi IMI 82817

RICHARDIA BRASILIENSIS

- Curvularia richardiae* IMI 131342
Oidium sp. IMI 148736

RICINUS COMMUNIS

- Alternaria ricini* IMI 114787
Ascochyta sp. IMI 136750a
Aspergillus itaconicus IMI 45632
Aspergillus quercinus IMI 45633
Botryodiplodia ricinicola SAL 1981
Botryodiplodia sp. IMI 57357
Cercospora ricinella IMI 68283; IMI 78543
Macrophomina phaseolina SAL 2040
Melampsora ricini Duke, 1926; McDonald, 1936; IMI 44193
Mucor fragilis IMI 38955
Phyllosticta ricini IMI 92190

ROMNEYA COULTERI

- Leveillula taurica* IMI 73080

ROSA DAMASCENA

- Diplocarpon rosae* SAL 1957
Phragmidium mucronatum McDonald, 1936

ROSA SP.

- Botrytis cinerea* SAL 1623; SAL 2200
Cladosporium sp. NAL 3879
Diplocarpon rosae McDonald, 1936; SAL 1181
Elsinoe rosarum SAL 1897
Fusarium oxysporum NAL 3531
Mycosphaerella rosicola McDonald, 1936; IMI 68746
Penicillium aurantiogriseum NAL 3879
Peronospora sparsa NAL 4046
Phomopsis sp. SAL 1921

- Phragmidium subcorticium* McDonald, 1936
Phragmidium tuberculatum IMI 47159; IMI 83424
Sphaerotheca pannosa McDonald, 1936
- ROTTBOELLIA EXALTATA**
Sphacelotheca ophiuri IMI 36139; IMI 79261
- RUBIA CORDIFOLIA**
Puccinia colletiana IMI 148638
- RUBUS IDAEUS**
Septoria rubi McDonald, 1936; IMI 44283
- RUBUS KENIENSIS**
Appendiculella rubi 0115 NAI
- RUBUS SP.**
Alternaria sp. NAL 3751
Gloeosporium sp. SAL 1191
Hamaspora longissima IMI 40410; IMI 78917
Oidium sp. IMI 136730
Rosellinia necatrix Anon., 1949
Septoria rubi SAL 2146
- RUBUS STEUDNERI VAR. DICTYOPHYLLUS**
Hamaspora longissima IMI 148679
- RUBUS STUEDNERI**
Pseudocercospora heteromalla IMI 44104
- RUDBECKIA SP.**
Alternaria sp. NAL 4051
- RUMEX SP.**
Ramularia rubella IMI 56158
Septoria sp. IMI 53743
- SACCHARUM OFFICINARUM**
Armillaria mellea EA 872
Aspergillus flavus IMI 40413
Cercospora longipes IMI 38393
Claviceps purpurea NAL 3536
Epicoccum nigrum NAL 3710
Epicoccum sp. SAL 1242
Fusarium moniliforme IMI 49102
Leptosphaeria bicolor ATCC 42652
Leptosphaeria sacchari McDonald, 1936
Paraphaeosphaeria michotii IMI 75313
Periconia sacchari NAL 3710
Phaeocystostroma sacchari IMI 119346
Phyllosticta sp. IMI 115775
Pithomyces chartarum NAL 3710
Pleospora scirrhoides NAL 3710
Puccinia erianthi IMI 132761a
Septoria sp. IMI 132761c
Ustilago scitaminea var. *scitaminea* IMI 73082
- SACCHARUM SP.**
Leptosphaeria bicolor IMI 215888
- SAINTPAULIA SP.**
Botrytis cinerea NAL 3919
Cercospora sp. NAL 4025
- SALVADORA PERSICA**
Polystomella salvadorae IMI 82534
- SAMBUCUS AFRICANA**
Septoria ebuli IMI 53745; IMI 80370
- SANSEVIERA SP.**
Botryodiplodia theobromae NAL 3546
- SCABIOSA SP.**
Sclerotium rofsii SAL 1090
- SCHIZOLOBIUM PARAHYBUM**
Cercosporidium sp. IMI 148676
- SCHMIDTIA BULBOSA**
Ustilago sp. IMI 82029
- SCIRPUS CORYMBOSUS**
Uredo scirpi-corymbosi IMI 44524
- SECALE CEREALE**
Cerebella andropogonis McDonald, 1936
Cochliobolus sativus SAL 2130
Puccinia graminis McDonald, 1936; IMI 45150
Puccinia recondita McDonald, 1936
- SENECIO MOOREI**
Septoria senecionis IMI 136733
- SENECIO SP.**
Mycosphaerella sp. IMI 79663
- SEQUOIA SEMPERVIRENS**
Armillaria mellea EA 1972
- SESAMUM ANGOLENSE**
Ascochyta sp. IMI 73883
Cercospora sesami McDonald, 1936
- SESAMUM INDICUM**
Alternaria sesami NAL 3538
Cercospora sesami NAL 3538
Macrophomina phaseolina IMI 134748
- SESBANIA SP.**
Cyphella villosa Duke, 1926
Poria sp. McDonald, 1936
- SETARIA HOLSTII**
Puccinia substriata var. *insolita* IMI 53433
- SETARIA ITALICA**
Ustilago crameri McDonald, 1936

SETARIA LONGISETA*Tilletia echinosperma* IMI 74463**SETARIA PALLIDIFUSCA***Puccinia substriata* var. *insolita* IMI 148746*Uromyces leptodermus* IMI 131347**SETARIA PHLEOIDES***Cerebella andropogonis* IMI 74465**SETARIA PLICATILLIS***Phyllachora setariicola* IMI 80463**SETARIA SP.***Claviceps microcephala* Anon., 1914*Fusarium heterosporum* Duke, 1926; McDonald, 1936**SETARIA SPHACELATA***Beniowskia sphaeroidea* McDonald, 1936*Ceratospheeria grisea* NAL 3711*Cerebella andropogonis* IMI 148737*Phloeospora* sp. IMI 78914; IMI 78916*Phyllachora bonariensis* IMI 148742*Phyllachora* sp. IMI 47479*Phyllosticta* sp. IMI 78916*Tilletia echinosperma* IMI 49459; IMI 79656**SETARIA SPLENDIDA***Tilletia echinosperma* IMI 74464; IMI 79652**SETARIA TRINERVIA***Tilletia echinosperma* IMI 74461; IMI 74466; IMI 79653**SETARIA VERTICILLATA***Puccinia substriata* var. *penicillariae* IMI 44175*Uromyces leptodermus* Duke, 1926; McDonald, 1936**SIDA RHOMBIFOLIA***Puccinia heterospora* IMI 43030**SILENE GALLICA***Septoria silenicola* IMI 136737**SMILAX ANCEPS***Colletotrichum acutatum* Ondieki, 1973**SMILAX GOETZEANA***Cercospora smilacis* IMI 148648**SNOWDENIA POLYSTACHYA***Uromyces snowdeniae* IMI 78910**SOLANUM ACULCATISSIMUM***Leveillula taurica* SAL 1881**SOLANUM INCANUM***Aecidium solani-unguiculati* IMI 43014; IMI 45161*Cercospora brachycarpa* IMI 44104; IMI 78540*Cercospora solani-melangenae* IMI 57361*Leveillula taurica* SAL 1373*Phyllosticta* sp. IMI 57360*Phytophthora infestans* IMI 44286; IMI 43294**SOLANUM MAURITIANUM***Cercospora brachycarpa* IMI 150790**SOLANUM MELONGENA***Aecidium solani-unguiculati* IMI 145578*Cercospora egenula* IMI 134751*Cladosporium cladosporioides* NAL 3669*Fusarium moniliforme* var. *anthophilum* IMI 49195b*Fusarium oxysporum* IMI 49195a*Leveillula taurica* IMI 75995*Phomopsis vexans* NAL 3780*Puccinia substriata* var. *penicillariae* IMI 75315*Verticillium dahliae* SAL 1084**SOLANUM NIGRUM***Ascochyta solanicola* IMI 131348*Cercospora solani* IMI 136739*Pseudocercospora atromarginalis* IMI 73081**SOLANUM SP.***Aecidium solani-unguiculati* Duke, 1926; McDonald, 1936;

IMI 43021

Colletotrichum sp. IMI 57461*Phomopsis tulasnei* NAL 36685**SOLANUM TUBEROSUM***Alternaria solani* McDonald, 1936*Colletotrichum coccodes* SAL 1045; NAL 3560*Fusarium oxysporum* IMI 2899*Fusarium* sp. McDonald, 1936*Geotrichum candidum* IMI 68032*Mycovellosiella concors* IMI 52924*Oidium* sp. IMI 80467*Phytophthora infestans* SAL 2086*Pythium ultimum* IMI 77834*Sclerotium rolfsii* SAL 2177*Spongospora subterranea* McDonald, 1936*Thanatephorus cucumeris* McDonald, 1936; SAL 3208**SONCHUS ASPER***Septoria sonchifolia* IMI 43047**SONCHUS LUXURIANS***Ascochyta sonchi* IMI 131353a*Mycosphaerella* sp. IMI 131352c*Oidium* sp. IMI 131355*Periconia byssoides* IMI 131354**SONCHUS OLERACEUS***Alternaria sonchi* IMI 43292*Bremia lactucae* IMI 41559*Oidium* sp. IMI 131356*Septoria sonchifolia* SAL 1688**SONCHUS SP.***Alternaria sonchi* IMI 43293

SORGHUM ALUM

- Cerebella andropogonis* IMI 80462
Puccinia purpurea IMI 82030

SORGHUM ARUNDINACEUM

- Cerebella andropogonis* IMI 80461

SORGHUM BICOLOR

- Didymella* sp. IMI 148729a
Phoma insidiosa IMI 148729b

SORGHUM CAUDATUM

- Cerebella andropogonis* McDonald, 1936; SAL 1959
Gloeocercospora sorghi IMI 73079
Peronosclerospora sorghi IMI 41555; IMI 75992
Puccinia cesatii IMI 62435
Puccinia purpurea McDonald, 1936; IMI 62434
Setosphaeria turcica IMI 44531
Sphacelotheca cruenta McDonald, 1936; IMI 49454
Sphacelotheca reiliana Duke, 1926; McDonald, 1936; IMI 80359
Sphacelotheca sorghi McDonald, 1936; IMI 49455

SORGHUM SP.

- Cerebella andropogonis* Duke, 1926

SORGHUM SUDANENSE

- Peronosclerospora sorghi* IMI 75993
Puccinia purpurea SAL 2213
Setosphaeria turcica IMI 67877
Sphacelotheca cruenta IMI 49453
Sphacelotheca sorghi McDonald, 1936

SPATHODEA CAMPANULATA

- Leptoxyphium* sp. IMI 83421a

SPILANTHES MAURITIANA

- Puccinia africana* IMI 45156; IMI 45158

SPINACIA OLERACEA

- Cercospora beticola* Gatumbi, 1986
Fusarium graminearum NAL 3623

SPOROBOLUS FIMBRIATUS VAR. LATIFOLIUS

- Epichloe* sp. SAL 1218
Puccinia kakamariensis IMI 44185

SPOROBOLUS PYRAMIDALIS

- Puccinia arundinellae-setosae* IMI 82190
Uromyces tenuicutis IMI 44184

SPOROBOLUS SP.

- Epichloe cinerea* McDonald, 1936

SPREKELIA FORMOSISSIAMA

- Cercospora pancratii* IMI 139053

STAPELIA SP.

- Phloeospora* sp. SAL 1064

STELLARIA MEDIA

- Septoria stellariae* IMI 131358

STELLARIA SENII

- Septoria stellariae* IMI 136738

STRELITZIA REGINAE

- Drechslera musae-sapientum* IMI 147334

SYMPHYTUM PEREGRINUM

- Pleospora herbarum* IMI 70828

SYZGIUM CUMINI

- Cercospora* sp. IMI 115786

TAGETES MINUTA

- Alternaria* sp. IMI 44106
Alternaria tagetica IMI 131359
Cercospora tageticola IMI 131361a

TARCHONANTHUS CAMPHORATUS

- Cladosporium* sp. IMI 93518b
Coryneum sp. IMI 80452
Phoma sp. IMI 93518a

TECLEA NOBILIS

- Duportella tristicula* EA 1926
Stereum hirsutum EA 765

TECLEA SIMPLICIFOLIA

- Puccinia tecleae* IMI 148695

TECTONA GRANDIS

- Helicobasidium compactum* EA 1739

TELFAIRIA PEDATA

- Alternaria* sp. SAL 1079
Colletotrichum sp. SAL 1081

TEPHROSIA CANDIDA

- Cylindrosporium tephrosiae* IMI 44284

TERAMNUS SP.

- Oidium* sp. SAL 1792

TERMINALIA BROWNII

- Uredo* sp. IMI 83428

TETRAGONIA TETRAGONOIDES

- Cercospora tetragoniae* IMI 78907

THALICTRUM RHYNCHOCARPUM

- Uromyces wedeliae* IMI 44191

THEMEDA TRIANDRA

- Sorosporium holstii* SAL 1954
Sphacelotheca themedae Duke, 1926; McDonald, 1936

- THUNBERGIA ALATA**
Oidium sp. IMI 84408a
Puccinia thunbergiae-alatae IMI 43649
- TITHONIA DIVERSIFOLIA**
Sclerotinia sclerotiorum SAL 1558
- TRAGIA SP.**
Phoma euphorbiae Duke, 1926; McDonald, 1936
Puccinia tragiae IMI 83676
- TRICHOCLADUS ELLIPTICUS**
Asteridiella trichocladi 0104 NAI
- TRIDAX PROCUMBENS**
Cercospora tridaxis-procumbentis IMI 82191
- TRIFOLIUM BURCHELLIANUM VAR. JOHNSTONII**
Uromyces elegans IMI 42250
- TRIFOLIUM MASAIENSIS**
Erysiphe trifolii SAL 3262
- TRIFOLIUM REPENS VAR. GIGANTEUM**
Curvularia trifolii IMI 74459
- TRIFOLIUM RUEPPELLIANUM**
Mycosphaerella killianii IMI 104522
- TRIFOLIUM SEMIPILOSUM**
Aecidium sp. IMI 139052
Uromyces elegans SAL 2002
- TRIFOLIUM SP.**
Aecidium sp. McDonald, 1936
- TRIGONELLA FOENUM-GRECUM**
Oidium sp. IMI 152459
- TRIMERIA TROPICA**
Mycosphaerella sp. IMI 83417
Pseudocercospora dovyalidis IMI 78919; IMI 80996
- TRITICUM AESTIVUM**
Aspergillus tamarii IMI 46817
Chaetomium globosum McDonald, 1936
Cladosporium herbarum McDonald, 1936
Cochliobolus sativus McDonald, 1936; IMI 47725
Erysiphe graminis Anon., 1950
Fusarium culmorum Duke, 1926; McDonald, 1936
Fusarium graminearum McDonald, 1936; IMI 49105
Fusarium oxysporum IMI 49191
Gaeumannomyces graminis IMI 63386; IMI 63387
Leptosphaeria nodorum McDonald, 1936; IMI 47730
Mycosphaerella graminicola McDonald, 1936; IMI 47729
Myrothecium verrucaria IMI 45776
Puccinia graminis Duke, 1926; McDonald, 1936
Puccinia recondita Duke, 1926; McDonald, 1936; IMI 52480
Puccinia striiformis Duke, 1926; McDonald, 1936; SAL 1121
Pyrenophora tritici-repentis IMI 74469
Setosphaeria prolata IMI 176935
- Tilletia laevis* SAL 1847
Ustilago nuda McDonald, 1936; IMI 49457
- TRIUMFETTA MACROPHYLLA**
Puccinia sp. IMI 148636
- TRIUMFETTA RHOMBOIDEA**
Stigmia sp. IMI 81001
- TROPAEOLUM MAJUS**
Acroconiella tropaeoli IMI 52917
Leveillula taurica IMI 39646; IMI 79668
Oidium sp. IMI 148745
- TURRAEA SP.**
Aecidium ugandense Duke, 1926; McDonald, 1936
- URENA LOBATA**
Botrytis cinerea IMI 44100
- UROCHLOA TRICHOPUS**
Phyllachora heterospora IMI 82194
Uromyces leptodermus IMI 82193
- VANGUERIA LINEARISEPALA**
Aecidium vangueriae IMI 43524
Alternaria sp. Gatumbi, 1986
Hemileia woodii IMI 82531a
- VANGUERIA SP.**
Hemileia woodii IMI 43017
- VERBENA SP.**
Oidium sp. SAL 1338
- VERNONIA CISTIFOLIA**
Puccinia kenyaana IMI 43523
- VERNONIA DUEMMERI**
Melampsora junodii IMI 52482
- VERNONIA PAUCIFLORA**
Uredo sp. IMI 148639
- VERNONIA SP.**
Aecidium vernoniae-podocoma IMI 43022
Lasiostemma cordicola IMI 44107
Puccinia aurata IMI 82413
Puccinia vernoniicola IMI 41121
- VERONICA LANGIFOLIA**
Alternaria sp. NAL 4057
- VICIA FABA**
Ascochyta pisi McDonald, 1936
Botrytis cinerea SAL 1285
Corticium sp. SAL 2156
Uromyces appendiculatus McDonald, 1936
Uromyces viciae-fabae Duke, 1926; McDonald, 1936; IMI 51478

VICIA SATIVA*Fusarium avenaceum* IMI 49894**VIGNA RADIATA***Uromyces appendiculatus* IMI 148740**VIGNA SINENSIS***Phoma exigua* NAL 3805**VIGNA SP.***Ramularia* sp. IMI 44292**VIGNA SUBTERRANEA***Cercospora canescens* Robinson, 1960*Fusarium oxysporum* SAL 1805**VIGNA UNGUICULATA***Ascochyta phaseolorum* SAL 1237*Cercospora canescens* IMI 73690*Erysiphe polygoni* McDonald, 1936*Phoma exigua* NAL 3644*Septoria* sp. McDonald, 1936*Septoria vignae* NAL 3537; IMI 159606*Synchytrium dolichi* SAL 2199**VIGNA VEXILLATA***Synchytrium dolichi* McDonald, 1936**VIOLA SP.***Botrytis cinerea* SAL 2060**VISCUM NERVOSUM***Aecidium* sp. IMI 148750**VITEX KENIENSIS***Botrytis cinerea* EA 623*Phoma viticis* IMI 112533*Phyllosticta ragatensis* IMI 106606**VITIS SP.***Botrytis cinerea* McDonald, 1936*Elsinoe ampelina* McDonald, 1936*Pestalotia uvicola* Duke, 1926; McDonald, 1936*Uncinula necator* McDonald, 1936**VITIS VINIFERA***Elsinoe ampelina* SAL 2056*Plasmopara viticola* SAL 1990*Septoria melanopsis* IMI 52927*Uncinula necator* SAL 1851**WEDELIA MENOTRICHE***Tuberculina persicina* Anon., 1925*Uredo* sp. IMI 41124; IMI 83674**WITHANIA SOMNIFERA***Pseudocercospora withaniae* IMI 68744*Puccinia atropae* IMI 43648**ZEA MAYS***Acremonium ochraceum* IMI 68118; CBS 428.67*Acremonium strictum* McDonald, 1936*Aspergillus repens* NAL 3589*Cercospora* sp. NAL 4045*Cochliobolus carbonum* IMI91273; IMI92314*Fusarium moniliforme* McDonald, 1936; Gordon 2897; Nattrass, 1961*Fusarium oxysporum* IMI 48625; IMI 49522*Fusarium pallidoroseum* W3980*Khuskia oryzae* McDonald, 1936*Nigrospora sphaerica* McDonald, 1936; IMI 57359*Paecilomyces ochraceus* ATCC 18507; CBS 428.67*Popularia sphaerosperma* McDonald, 1936*Penicillium aurantiogriseum* IMI 60206*Penicillium* sp. McDonald, 1936*Peronosclerospora sorghi* IMI 62665*Phyllosticta zeae* IMI 82486; IMI 82535*Physoderma maydis* IMI 63663*Puccinia polysora* IMI 50121; IMI 56022a*Puccinia sorghi* IMI 47160*Setosphaeria turcica* IMI 44285; Duke, 1926; McDonald, 1936*Sphacelotheca reiliana* Duke, 1926; McDonald, 1936; SAL 1804*Stenocarpella macrospora* NAL 3870*Stenocarpella maydis* McDonald, 1936; NAL 4039; IMI 360767*Ustilago zeae* NAL 3714**ZEHNERIA SCABRA***Oidium* sp. IMI 139055b*Uredo zehneriae* IMI 139056a**ZINNIA ELEGANS***Alternaria zinniae* IMI 52916**ZINNIA PAUCIFLORA***Entyloma zinniae* IMI 79257

host list

Host — Bacterium

ACONITUM NAPELLUS*Pseudomonas* sp. NAL 4059**ALSTROEMERIA SP.***Erwinia* sp. NAL 4058**ARUM***Pseudomonas fluorescens* NAL 3817; IMI B10174**AVENA SATIVA***Pseudomonas syringae* MI 349220*Pseudomonas syringae* pv. *coronafaciens* IMI 349281; IMI B4591**BOUGAINVILLEA SP.***Burkholderia andropogonis* IMI 347456; IMI B4376**BRASSICA OLERACEA VAR. BULLATA***Xanthomonas campestris* SAL 1988**CAPSICUM ANNUUM***Ralstonia solanacearum* Ondieki, 1973**CAPSICUM FRUTESCENS***Ralstonia solanacearum* Ondieki, 1973**CHRYSANTHEMUM SP.***Xanthomonas* sp. IMI 350241; IMI 350242**CLEOME MONOPHYLLA***Ralstonia solanacearum* Ondieki, 1973**COFFEA ARABICA***Pseudomonas* sp. IMI B2150; IMI 347706*Pseudomonas syringae* pv. *garcae* IMI 347446; IMI 349226; IMI 349316; IMI 349314; IMI 34922*Pseudomonas syringae* pv. *syringae* NAL 3647; IMI 349138; IMI 349209**DATURA STRAMONIUM***Ralstonia solanacearum* Ondieki, 1973**DELPHINIUM ELATUM***Pseudomonas syringae* pv. *delphinii* IMI 349368**DELPHINIUM SP.***Pseudomonas syringae* pv. *delphinii* IMI 70424**DIANTHUS CARYOPHYLLUS***Pseudomonas* sp. NAL 3813; IMI B10170**ERLANGEA TOMENTOSA***Ralstonia solanacearum* Ondieki, 1973**GLYCINE MAX***Pseudomonas savastanoi* pv. *glycinae* IMI B2377*Pseudomonas syringae* IMI 349177**GLYCINE WIGHTII***Pseudomonas savastanoi* pv. *phaseolicola* IMI 349303**GOSSYPIUM HIRSUTUM***Xanthomonas axonopodis* pv. *malvacearum* IMI 349966; SAL 2017**HELIANTHUS ANNUUS***Erwinia caratovora* subsp. *caratovora* NAL 3581**HORDEUM VULGARE***Xanthomonas translucens* pv. *translucens* IMI 350149**LACTUCA SATIVA***Pseudomonas marginalis* SAL 3228**LYCOPERSICON ESCULENTUM***Clavibacter michiganensis* subsp. *michiganensis* IMI 347346*Ralstonia solanacearum* Nattrass, 1961*Xanthomonas campestris* pv. *vesicatoria* NAL 3814; IMI B10171**MANGIFERA INDICA***Pantoea agglomerans* Robinson, 1960**NEONOTONIA WIGHTII***Pseudomonas savastanoi* pv. *phaseolicola* NAL 3661**NICOTIANA SP.***Pseudomonas syringae* pv. *tabaci* IMI 80969**NICOTIANA TABACUM***Erwinia mangiferae* Robinson, 1960*Pseudomonas syringae* pv. *tabaci* Robinson, 1960**ORNITHOGALUM ARABICUM***Xanthomonas campestris* NAL 3816; IMI B10173**ORNITHOGALUM SP.***Erwinia* sp. NAL 4061**PETROSELINUM HORTENSE***Erwinia caratovora* Nattrass, 1961**PHASEOLUS LUNATUS***Curtobacterium flaccumfaciens* pv. *flaccumfaciens* IMI 347350; IMI B06057*Pseudomonas syringae* IMI B958**PHASEOLUS SP.***Pseudomonas savastanoi* pv. *phaseolicola* IMI 349303**PHASEOLUS VULGARIS***Pseudomonas savastanoi* pv. *phaseolicola* IMI 349176*Pseudomonas syringae* NAL 3815; IMI B10172**PISUM SATIVUM***Pseudomonas syringae* pv. *pisii* IMI 350063; IMI 350064

PORTULACA OLERACEA*Ralstonia solanacearum* Ondieki, 1973**PRUNUS AMYGDALUS***Agrobacterium tumefaciens* Duke 1926; McDonald, 1936**PRUNUS SP.***Agrobacterium tumefaciens* Robinson, 1960**PYRUS COMMUNIS***Agrobacterium tumefaciens* Robinson, 1960**RICINUS COMMUNIS***Xanthomonas axonopodis* pv. *ricini* IMI B2602**ROSA SP.***Agrobacterium tumefaciens* NAL 4060**RUBUS SP.***Agrobacterium tumefaciens* Robinson, 1960**SACCHARUM OFFICINARUM***Acidovorax avenae* subsp. *avenae* McDonald, 1936*Xanthomonas ablii* NAL 3629**SOLANUM INCANUM***Ralstonia solanacearum* Ondieki, 1973**SOLANUM INDICUM***Ralstonia solanacearum* Ondieki, 1973**SOLANUM MELONGENA***Ralstonia solanacearum* IMI 353852; IMI 353864*Ralstonia solanacearum* biovar II IMI 347560**SOLANUM TUBEROSUM***Acinetobacter baumannii* IMI 355462; IMI 355467*Arthrobacter* sp. IMI 355461*Aureobacterium* sp. IMI 355465*Bacillus megaterium* IMI 355463*Bacillus pumilus* IMI 355458; IMI 355459*Enterobacter asburiae* IMI 355466*Enterobacter intermedius* IMI 355475*Enterobacter* sp. IMI 355471*Erwinia carotovora* Nattrass, 1961*Kluyvera cryocrescens* IMI 355468*Kocuria kristinae* IMI 355464*Pantoea agglomerans* IMI 355460*Pseudomonas chlororaphis* IMI 355473; IMI 355457; IMI 355470*Pseudomonas fluorescens* IMI 355472; IMI 355474*Pseudomonas marginalis* IMI 355469*Ralstonia solanacearum* Nattrass, 1961**TRITICUM AESTIVUM***Xanthomonas translucens* pv. *translucens* IMI 350099*Xanthomonas translucens* pv. *undulosa* McDonald, 1936**ZEA MAYS***Erwinia chrysanthemi* NAL 3582**ZINNIA SP.***Pseudomonas syringae* IMI 349183

host list

**Miscellaneous
substrate
— Fungus**

♦ ANIMAL HOST / DUNG

ANTELOPE DUNG

- Achaetomium strumarium* ATCC 58406
Chaetomium bostrychodes var. *bostrychodes*
 ATCC 56544
Chaetomium indicum ATCC 56730; CBS
 720.84
Chaetomium strumarium IMI 291757
Sporormiella similis Gatumbi, 1986

BUFFALO DUNG

- Asordaria humana* CBS 248.89
Chaetomium cochliodes ATCC 56549
Lophotrichus ampullus ATCC 24470; CBS
 164.73
Sordaria humana ATCC 66236; UAMH 6418
Sporormiella similis Gatumbi, 1986

CHIMPANZEE

- Conidiobolus coronatus* ATCC 24734

COW DUNG

- Coniochaeta tetraspora* CBS 441.78
Nigrasabulum globosum ATCC 36708
Podospora deropodalis Gatumbi, 1986
Podospora multispora Gatumbi, 1986
Podospora pauciseta IMI 230595
Podospora spinulosa Gatumbi, 1986
Sporormia fimetaria Gatumbi, 1986
Sporormia fimicola Gatumbi, 1986
Sporormiella australis Gatumbi, 1986
Sporormiella copybarae Gatumbi, 1986
Sporormiella dubia Gatumbi, 1986
Sporormiella herculea Gatumbi, 1986
Sporormiella intermedia Gatumbi, 1986
Sporormiella kansensis Gatumbi, 1986
Sporormiella longispora Gatumbi, 1986
Sporormiella longisporopsis Gatumbi, 1986
Sporormiella macropulchella Gatumbi, 1986
Sporormiella megalospora Gatumbi, 1986
Sporormiella minima IMI 175093
Sporormiella minima ATCC 24780
Sporormiella minimoides Gatumbi, 1986
Sporormiella muskokensis Gatumbi, 1986
Sporormiella obliqua Gatumbi, 1986
Sporormiella pilosa Gatumbi, 1986
Sporormiella subtilis Gatumbi, 1986
Sporormiella tenuispora Gatumbi, 1986
Sporormiella teretispora Gatumbi, 1986
Sporormiella tetramera Gatumbi, 1986
Westerdykella cylindrica CBS 454.72

DUIKER DUNG

- Podospora setosa* ATCC 26492; ATCC 56722;
 CBS 613.84

ELEPHANT DUNG

- Chaetomium apiculatum* ATCC 56542
Chaetomium coarctatum ATCC 56548
Chaetomium jodhpurensis CBS 540.73
Chaetomium lentum ATCC 58417; CBS 126.85
Chaetomium mollicellum CBS 121.85
Chaetomium olivaceum ATCC 26489

- Chaetomium spirale* ATCC 60160
Chaetomium succineum CBS 488.85
Sporormiella isomera ATCC 24341; CBS 166.73
Sporormiella similis Gatumbi, 1986

HEDGEHOG

- Arthroderma benhamiae* ATCC 28433; ATCC 28434; ATCC 28435;
 ATCC 28436; ATCC 2843

HYRAX DUNG

- Chaetomium apiculatum* ATCC 26486
Chaetomium aureum ATCC 24776; CBS 538.73
Chaetomium dolichotrichum ATCC 24777; CBS 539.73
Chaetomium funicola IMI 175095
Chaetomium mollicellum IMI 181304; CBS 972.73
Petriella setifera IMI 181301
Podospora austro-americanana ATCC 24709
Podospora curvispora ATCC 36709
Schizothecium curvisporum IMI 230596
Sporormiella similis Gatumbi, 1986

MAN

- Microsporium ferrugineum* ATCC 42560; CBS 457.80

PRONGHORN

- Sporormiella similis* Gatumbi, 1986

RABBIT

- Sporormiella obliqua* Gatumbi, 1986

UNIDENTIFIED CARNIVORE

- Thelebolus crustaceus* IMI 144395; CBS 713.69

UNIDENTIFIED DUNG

- Chaetomium multispirale* ATCC 56248
Kernia nitida ATCC 22141
Sordaria humana IMI 332647

UNIDENTIFIED HERBIVORE

- Chaetomium bostrychodes* CBS 482.85
Chaetomium caprinum ATCC 60148
Chaetomium indicum CBS 212.74
Chaetomium multispirale IMI 283619
Chaetomium quadrangulatum ATCC 60158; CBS 493.85
Chaetomium retardatum ATCC 56555; CBS 197.84; UAMH 6021
Chaetomium spiralotrichum CBS 172.84

WILDEBEEST

- Chaetomium cuniculorum* ATCC 56550

ZEBRA

- Achaetomium strumarium* ATCC 58407
Eupenicillium brefeldianum ATCC 22279; CBS 170.71
Gelasinospora brevispora CBS 547.94; UAMH 7733
Podospora papillata Gatumbi, 1986
Podospora prethopodalis ATCC 24778; CBS 543.73

♦ FUNGUS HOST

CEPHALOSPORIUM SP.*Sypastospora parasitica* IMI 27464a**CERCOSPORA RANJITA***Dicyma pulvinata* IMI 874196**CERCOSPORA SP.***Hansfordia ugandensis* IMI 82197a**OIDIUM SP. (ON THUNBERGIA ALATA)***Cicinobolus cesatii* IMI 44289**OIDIUM SP. (ON VERBENA SP.)***Cicinobolus cesatii* IMI 84408**PHYLLACHORA ELEUSINES***Phaeodothis fallax* IMI 78921**PHYLLACHORA EVANSII***Cryptodidymosphaeria clandestina* IMI 80463**PHYLLACHORA HETEROSPORA***Cryptodidymosphaeria clandestina* IMI 72596**PUCCINIA ERIANTHI***Eudarlucacaricis* IMI 132761b**PUCCINIA GRAMINIS***Eudarluc australis* McDonald, 1936**PUCCINIA KAMPALENSIS***Eudarluc australis* IMI 41125**PUCCINIA KENIENSIS***Eudarluc australis* IMI 84406b**PUCCINIA LEVIS***Eudarluc caricis* IMI 131341a**PUCCINIA PENNISETI***Eudarluc australis* IMI 8203

♦ INSECT HOST

ACRIDIID*Empusa* sp. SAL 1379**ALEYRODIDAE SP.***Hirsutella* sp. IMI 331573**APHID (ON PISUM)***Empusa* sp. SAL 1998**APHID (ON TRITICUM)***Empusa* sp. SAL 1139**CASSAVA GREEN MITE***Hirsutella thompsonii* IMI 327488**COCCIDAE (SCALE INSECT)***Aschersonia* sp. IMI 344480*Hirsutella* sp. IMI 346737*Paecilomyces cinnamomeus* CBS 510.88

CBS 454.72

DIASPIDAE SP.*Verticillium* sp. Nattrass, 1961**HYPOTHENEMUS HAMPEI***Beauveria bassiana* IMI 327908**LEPIDOPTEROUS LARVA***Beauveria brongniartii* IMI 334663*Tarichium megaspermum* IMI 4859**NOMADACRIS SEPTEFASCIATA***Empusa gryllii* McDonald, 1936**ORYCTES MONOCEROS***Metarhizium anisopliae* SAL 1865**PHYSOPELLA AFRICANA***Eudarluc australis* IMI 115777**PLANOCOCCUS KENYAE***Cephalosporium* sp. IMI 27464b; IMI 27466**SPODOPTERA EXEMPTA***Nomuraea rileyi* IMI 140502**TERMITE HILL***Aegerita duthei* SAL 1083*Clavaria* sp. SAL 1982*Termitomyces albuminosus* SAL 1614*Termitomyces eurhizus* Pegler & Rayner, 1969*Termitomyces globulus* Pegler & Rayner, 1969*Termitomyces microcarpus* Pegler & Rayner, 1969*Xylaria nigripes* Duke, 1926; SAL 1983**THYLACHIUM AFRICANUM***Asterostomella africana* Duke, 1926; McDonald, 1936**WEEVIL (UNIDENTIFIED)***Beauveria brongniartii* IMI 334663*Tarichium megaspermum* IMI 4859

♦ MISCELLANEOUS

GROUND AND SOIL

- Absidia glauca* IMI 55191
Agaricus alphitochrous Pegler & Rayner, 1969
Agaricus augustus Pegler & Rayner, 1969
Agaricus campestris Pegler & Rayner, 1969
Agaricus endoxanthus Pegler & Rayner, 1969
Agaricus trisulphuratus Pegler & Rayner, 1969
Ascotricha chartarum ATCC 62430; CBS 477.86
Aspergillus niger NAL 3834
Aspergillus ochraceus NAL 3835
Aspergillus robustus CBS 649.93
Chaetomium fusiforme ATCC 62434; CBS 476.86
Chaetomium globosum IMI 309560
Chaetomium globosum var. *flavoviride* ATCC 56726; ATCC 62435; CBS 732.84; CBS 474.86
Chaetomium heterosporum ATCC 60155; UAMH 5985
Chaetomium jodhpurensis ATCC 56731; CBS 509.84
Chaetomium madrasense CBS 486.85
Chaetomium murorum CBS 566.85
Chaetomium undulatum ATCC 60163
Chlorophyllum molybdites Pegler & Rayner, 1969
Clitocybe cernusata Pegler & Rayner, 1969
Clitocybe diatreta Pegler & Rayner, 1969
Colletotrichum sp. NAL 3837
Collybia confluens Pegler & Rayner, 1969
Coprinus disseminatus Pegler & Rayner, 1969
Coprinus ephemerus Pegler & Rayner, 1969
Coprinus plicatilis Pegler & Rayner, 1969
Coprinus setulosus Pegler & Rayner, 1969
Coprinus sterquilinus Pegler & Rayner, 1969
Cryptococcus albidus var. *aerius* ATCC 42921
Cryptococcus albidus var. *albidus* ATCC 42920
Cryptococcus laurentii ATCC 42922
Cunninghamella echinulata IMI 45772
Cyathus sp. McDonald, 1936
Geastrum saccatum McDonald, 1936
Gilbertella persicaria IMI 354497
Hebeloma crustuliniforme IASG 592; Nattrass, 1961
Hydropus odoratus Pegler & Rayner, 1969
Hygrocybe apala Pegler & Rayner, 1969
Hygrocybe nigrescens Pegler & Rayner, 1969
Kloeckera apiculata ATCC 42923
Laccaria lateritia Pegler & Rayner, 1969
Lasiosphaeria fenzlii Duke, 1926
Laternea sp. SAL 1004
Lentinus tuber-regium Duke, 1926
Lepiota roseoalba Pegler & Rayner, 1969
Lepiota subincarnata Pegler & Rayner, 1969
Lepista longispora Pegler & Rayner, 1969
Macrolepiota dolichaula Pegler & Rayner, 1969
Marasmius bubalinus Pegler & Rayner, 1969
Micropsalliota arginea Pegler & Rayner, 1969
Mucor hiemalis f. *luteus* IMI 354503
Mucor plumbeus IMI 354498
Mucor racemosus IMI 354500
Omphalotus olearius Pegler & Rayner, 1969

- Penicillium janczewskii* NAL 3833
Phaeogyroporus portentosus Pegler & Rayner, 1969
Phialophora sp. UAMH 5877
Pleurotus sajor-caju Pegler & Rayner, 1969
Pleurotus tuber-reizium Pegler & Rayner, 1969
Podaxon loandensis Duke, 1926
Psathyrella atro-umbonata Pegler & Rayner, 1969
Psilocybe merdaria Pegler & Rayner, 1969
Rhexothecium globosum ATCC 62441; CBS 370.87
Rhizopogon sp. IASG 633; Nattrass, 1961
Rhodotorula glutinis var. *glutinis* ATCC 42924
Stereum thozetii Duke, 1926
Suillus luteus IASG 40; Nattrass, 1961
Syncephalastrum racemosum NAL 3836
Thielavia terricola UAMH 6000
Trichoderma harzianum IMI 342184
Trichoderma koningii IMI 309531
Tricholoma pratense Pegler & Rayner, 1969

PAINT

- Aureobasidium pullulans* IMI 68034
Curvularia pallescens IMI 68037
Curvularia senegalensis IMI 80784
Dothiorella sp. IMI 68035; IMI 68036

TIMBER (CONVERTED)

- Coniophora puteana* IASG 154; Nattrass, 1961
Coprinus sp. EA 76/7a
Corioliopsis occidentalis IASG 587; Nattrass, 1961
Cristella sp. EA 2101
Cymatoderma elegans EA 735a
Daldinia concentrica EA 883b
Earliella scabrosa EA 883f
Epicoccum nigrum IMI 38597
Fomes sp. EA 764
Fomitopsis cajanderi EA 883a
Gloeophyllum striatum EA 766
Gloeophyllum trabeum IASG 459; Nattrass, 1961
Harzia acremonioides IMI 38958
Helminthosporium sp. IMI 41304
Hexagonia sp. EA 1080
Hypoxylon truncatum Duke, 1926; IMI 40095
Lentinus sajor-caju EA 778
Lentinus stipiteus EA 761
Microdochium dimerum IMI 39601
Pleurotus hygrophanus IASG 660; Nattrass, 1961
Polyporus arcularius EA 1263
Polystictus fulvocinereus IASG 556; Nattrass, 1961
Polystictus proteus IASG 490; Nattrass, 1961
Polystictus xanthopus IASG 666; Nattrass, 1961
Pycnoporus cinnabarinus EA 883c
Trametes angulata IASG 663; Nattrass, 1961
Trametes cingulata IASG 587; Nattrass, 1961
Trametes socotrana EA 777c
Trametes versicolor EA 928

WOOD, FOREST DEBRIS AND LITTER

- Arcyria denudata* CAT 100; Nattrass, 1961
Auricularia auricula Duke, 1926
Auricularia cornea Duke, 1926
Auricularia emini McDonald, 1936
Auricularia indica EA 890d
Calvatia craniformis EA 882b

- Cordyceps* sp. IMI 342554
Corioliopsis occidentalis Duke, 1926
Cyathus limbatus EA 1001b
Cyathus microsporus EA 779
Cyathus olla EA 1276
Cyathus pallidus CAT 73; Nattrass, 1961
Cyathus sp. EA 981
Cymatoderma elegans EA 935a
Daldinia concentrica Duke, 1926
Daldinia eschscholtzii Duke, 1926
Diachea leucopodia CAT 99; Nattrass, 1961
Diderma radiatum var. *atro-purpurea* CAT 97; Nattrass, 1961
Duportella tristicula Duke, 1926
Earliella scabrosa Duke, 1926
Echinochaete sp. EA 979c
Entonaema sp. CAT 94; Nattrass, 1961
Favolaschia thwaitesii subsp. *dyboskyama* IASG 597; Nattrass, 1961
Favolaschia tonkinensis Pegler & Rayner, 1969
Favulus multiplex Duke, 1926
Favulus spathulatus EA 753
Fomes pseudosenex Duke, 1926
Fomes senex Duke, 1926
Fomes sp. EA 780
Fomitopsis rosea EA 915a
Ganoderma alluaudi Duke, 1926
Ganoderma applanatum Duke, 1926
Ganoderma applanatum var. *toratum* McDonald, 1936
Ganoderma emini Duke, 1926
Ganoderma lucidum Duke, 1926
Ganoderma pediforme McDonald, 1936
Ganoderma simulans Duke, 1926
Ganoderma sp. EA 979e
Geastrum saccatum EA 1005f
Geastrum triplex EA 1005d
Gelasinospora calospora IMI 291457
Grandinia arguta EA 979d
Grandinia rosea McDonald, 1936
Grandinia sp. McDonald, 1936
Gymnopilus pampeanus Pegler & Rayner, 1969
Gymnopilus sp. EA 890c
Heterochaete sp. CAT 83; Nattrass, 1961
Hexagonia discopoda McDonald, 1936
Hexagonia hydroides Duke, 1926
Hexagonia pobeguini Duke, 1926; EA 890e
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Hexagonia speciosa McDonald, 1936
Hexagonia subvelutina Duke, 1926
Hirneola nobilis McDonald, 1936
Hydnum decurrens McDonald, 1936
Hydnum glabrescens McDonald, 1936
Hymenochaete corrugata Duke, 1926
Hymenochaete luteobadia Duke, 1926
Hymenochaete semistupposa Duke, 1926
Hypholoma fasciculare IASG 43; Nattrass, 1961
Hypocrea brachycaulis Duke, 1926
Hypoxylon sp. CAT 80; Nattrass, 1961
Hypoxylon truncatum Duke, 1926; IMI 40093
Irpex flavus Duke, 1926
Irpex griseofuscescens EA 974a
Laschia sp. Nattrass, 1961
Laschia thwaitesii Nattrass, 1961
Lentinus fuscopurpureus McDonald, 1936
Lentinus sajor-caju EA 778
Lentinus stippeus EA 890a
Lentinus tigrinus EA 993b
Lentinus velutinus Duke, 1926
Lentinus villosus Duke, 1926
Lenzites abietina Duke, 1926
Lenzites corrugata EA 883
Lenzites palisoti Nattrass, 1961
Lenzites trabea EA 755
Lepiota procera EA 1089
Lepiota sp. EA 979b
Leptospora ovina Nattrass, 1961
Leucopaxillus albissimus EA 1005c
Lopharia cinerascens Nattrass, 1961
Lopharia mirabilis McDonald, 1936
Lycoperdon perlatum EA 1005e
Morchella intermedia EA 1001d
Nectria discophora Duke, 1926
Nectria meliolorpicola Duke, 1926
Panellus pusillus Duke, 1926
Panus conchatus Nattrass, 1961
Panus crinitus Pegler & Rayner, 1969
Peniophora cinerescens Nattrass, 1961
Peniophora occidentalis Nattrass, 1961
Phellinus badius Duke, 1926
Phellinus gilvus EA 664
Phellinus robiniae Duke, 1926
Pholiota sp. EA 1005a
Phyllopsora confusa NAL 4044
Pleurotus hygrophanus EA 660
Podascypha elegans EA 882d
Podascypha fulvomitens var. *simulans* EA 1239b
Polyporus arcularius Duke, 1926
Polyporus badius IASG 591; Nattrass, 1961
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Polyporus durus Duke, 1926
Polyporus gilvus Duke, 1926
Polyporus henningsii Duke, 1926
Polyporus tenuiculus EA 776a
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Polystictus byrsinus Duke, 1926
Polystictus caperatus Duke, 1926
Polystictus chrysites Duke, 1926
Polystictus concinnus EA 890f
Polystictus cotoneus Nattrass, 1961
Polystictus elongatus Duke, 1926
Polystictus floccosus Duke, 1926
Polystictus funalis Duke, 1926
Polystictus incomptus Duke, 1926
Polystictus luteo-olivaceus Duke, 1926
Polystictus obstinatus McDonald, 1936
Polystictus rigens Duke, 1926
Polystictus sp. EA 1001e
Polystictus velutinus Duke, 1926
Polystictus versatilis Duke, 1926
Polystictus xanthopus Duke, 1926

- Pycnoporus sanguineus* Duke, 1926
Sarcosypha coccinea var. *jurana* McDonald, 1936
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Schizophyllum commune Duke, 1926
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Stereum concolor McDonald, 1936
Stereum hirsutum Duke, 1926
Stereum ochraceo-flavum EA 935b
Stereum ostrea Duke, 1926
Stereum schomburgkii Duke, 1926
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Thelephora terrestris SAL 3263
Trametes acupunctata EA 882e
Trametes cingulata Duke, 1926
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Trametes incerta Duke, 1926
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Trametes paleacea McDonald, 1936
Trametes socotrana EA 982
Trametes sprucei Duke, 1926
Trametes versicolor Duke, 1926; EA 725c
Tremella mesenterica McDonald, 1936
Tyromyces caesius IASG 585; Nattrass, 1961; EA 758
Xeromphalina tenuipes EA 974d
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Coffea arabica

ACREMONIUM STRICTUM
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Ground and soil

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Ground and soil

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Wood, forest debris and litter

ARMILLARIA MELLEA*Acacia melanoxylon**Acrocarpus fraxinifolius**Araucaria angustifolia**Araucaria cunninghamii**Bombax rhodognaphalon**Camellia sinensis**Camellia* sp.*Carica papaya**Cinchona ledgeriana**Coffea arabica**Coleus* sp.*Cordia abyssinica**Cupressus benthamii**Cupressus funebris**Cupressus macrocarpa**Cupressus torulosa**Cyphomandra betacea**Delonix regia**Dioscorea* sp.*Dombeya goetzenii**Eucalyptus microcorys**Eucalyptus resinifera**Eucalyptus* sp.*Grevillea robusta**Macadamia* sp.*Malus sylvestris**Medicago sativa**Musa sapientum**Nuxia congesta**Ocotea usambarensis**Pinus canariensis**Pinus caribaea**Pinus elliottii**Pinus patula**Pinus radiata**Podocarpus* sp.*Populus ilicifolia**Prunus africana**Prunus armeniaca**Prunus domestica**Prunus persica**Pyrus communis**Saccharum officinarum**Sequoia sempervirens***ARTHRIINIUM PHAEOSPERMUM***Arundinaria alpina**Coffea arabica***ARTHRODERMA BENHAMIAE**

Hedgehog

ASCHERSONIA ALEYRODIS*Isoglossa lactea***ASCHERSONIA SP.***Coccidae* (Scale insect)**ASCOCHYTA ABUTILONIS***Abutilon* sp.**ASCOCHYTA CYNARAE***Cynara scolymus***ASCOCHYTA DORONICI***Gerbera jamesonii***ASCOCHYTA GOSSYPII***Gossypium hirsutum***ASCOCHYTA LEPTOSPORA***Chloris gayana***ASCOCHYTA PHASEOLORUM***Phaseolus aureus**Phaseolus lunatus**Phaseolus vulgaris**Vigna unguiculata***ASCOCHYTA PISI***Pisum sativum**Vicia faba*

- ASCOCHYTA RHEI**
Rheum rhaponticum
- ASCOCHYTA SOJICOLA**
Glycine javanica
Glycine max
- ASCOCHYTA SOLANICOLA**
Solanum nigrum
- ASCOCHYTA SONCHI**
Sonchus luxurians
- ASCOCHYTA SP.**
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Arachis hypogaea
Asparagus officinalis
Chrysanthemum cinerariifolium
Commelina forskalaei
Dovyalis caffra
Helianthus annuus
Ipomoea batatas
Lactuca glandulifera
Lagenaria pattersonii
Penstemon sp.
Ricinus communis
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Ground and soil
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Coffea arabica (beans)
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Ehretia cymosa
- ASTERIDIELLA NUXIAE**
Nuxia congesta
- ASTERIDIELLA TRICHOCLADI**
Trichocladius ellipticus
- ASTERINA COMBRETI**
Combretum taventense
- ASTERINA DISSILIENS**
Maytenus senegalensis
- ASTERINA RADIO-FISSILIS**
Erythrocca bongensis
- ASTEROSTOMELLA AFRICANA**
Thylachium africanum
- ATHELIA ROLFSSII**
Allium cepa
Delphinium sp.
Dianthus caryophyllus
Gossypium hirsutum
- AUREOBASIDIUM PULLULANS**
Paint
- AUREOBASIDIUM PULLULANS VAR. LINI**
Linum usitatissimum
- AURICULARIA AURICULA**
Wood, forest debris and litter
- AURICULARIA CORNEA**
Wood, forest debris and litter
- AURICULARIA EMINI**
Wood, forest debris and litter
- AURICULARIA INDICA**
Wood, forest debris and litter
- BEAUVERIA BASSIANA**
Hypothenemus hampei
- BEAUVERIA BRONGNIARTII**
Lepidopteros larva
Weevil (unidentified)
- BENIOWSKIA SPHAEROIDEA**
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Pennisetum polystachyon
Pennisetum purpureum
Setaria sphacelata
- BIPOLARIS COFFEANA**
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BOTRYOSPHAERIA OBTUSA

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Eriobotrya japonica

BOTRYOSPHAERIA RIBIS

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Fuchsia sp.
Pinus radiata

BOTRYTIS CINEREA

Amaryllis sp.
Arachis hypogaea
Artemisia sp.
Carthamus tinctorius
Chrysanthemum cinerariifolium
Cichorium intybus
Coffea arabica
Cupressus bentharii
Dianthus sp.
Eryngium sp.
Eucalyptus globulus
Eucalyptus saligna
Fragaria vesca
Gerbera jamesonii
Hibiscus diversifolius
Hymenocallis tubiflora
Juniperus procera
Lilium sp.
Limonium sinuatum
Pelargonium zonale
Pinus radiata
Polygonum sp.
Pyrus communis
Rosa sp.
Saintpaulia sp.
Urena lobata
Vicia faba
Viola sp.
Vitex keniensis
Vitis sp.

BREMIA LACTUCAE

Lactuca sativa
Sonchus oleraceus

CAEOMA CLEMATIDIS

Clematis sp.

CALICIOPSIS NIGRA

Juniperus procera

CALVATIA CRANIIFORMIS

Wood, forest debris and litter

CAMPTOMERIS SP.

Commiphora zimmermannii

CANDIDA SP.

Chrysanthemum cinerariifolium

CAPNODIUM BRASILIENSE

Coffea arabica

CEPHALEUROS MYCORDEA

Persea americana

CEPHALEUROS VIRESCENS

Erythrina abyssinica

CEPHALOSPORIUM SP.

Planococcus kenyae

CEPHALOTRICHUM MICROSPORUM

Pyrus communis

CERATOCHAETE SP.

Cyperus maranguensis

CERATOCYSTIS PARADOXA

Ananas comosus
Cupressus macrocarpa
Musa sapientum

CERATOCYSTIS RADICICOLA

Phoenix dactylifera

CERATOSPHAERIA GRISEA

Digitaria sp.
Digitaria velutina
Setaria sphacelata

CERCOSEPTORIA NYMPHAEACEA

Nymphaea capensis

CERCOSEPTORIA SP.

Panicum maximum

CERCOSPORA ALTHAEINA

Althaea rosea

CERCOSPORA APII

Droguetia debilis
Erucastrum arabicum
Galinsoga parviflora

CERCOSPORA ASPARAGI

Asparagus officinalis

CERCOSPORA BETICOLA

Beta vulgaris
Spinacia oleracea

CERCOSPORA BIDENTIS

Bidens pilosa
Conyza sp.
Erigeron floribundus

CERCOSPORA BRACHIATA

Amaranthus graecizans

CERCOSPORA BRACHYCARPA

Solanum incanum
Solanum mauritianum

CERCOSPORA BRASSICOLA

Crambe abyssinica

CERCOSPORA CALOTROPIDIS

Calotropis procera

CERCOSPORA CANESCENS

Glycine max
Vigna subterranea
Vigna unguiculata

CERCOSPORA CAROTAE

Daucus carota

CERCOSPORA CITRULLINA

Citrullus lanatus
Cucumis melo
Cucumis sativus
Momordica schimperiana

CERCOSPORA COFFEICOLA

Coffea arabica

CERCOSPORA COMMELINICOLA

Aneilema aequinoctiale

CERCOSPORA DICHROCEPHALAE

Dichrocephala integrifolia

CERCOSPORA DIGITARIAE

Digitaria abyssinica

CERCOSPORA EGENULA

Solanum melongena

CERCOSPORA FURFURELLA

Boerhavia pedunculatus

CERCOSPORA FUSIMACULANS

Pennisetum purpureum

CERCOSPORA GRAPHIOIDES

Prunus cerasoides

CERCOSPORA INSULANA

Limonium sinuatum

CERCOSPORA IPOMOEAE

Ipomoea hildebrandtii
Ipomoea sp.

CERCOSPORA LAGENARIAE

Lagenaria siceraria

CERCOSPORA LONGIPES

Saccharum officinarum

CERCOSPORA MOLUCELLAE
Molucella laevis

CERCOSPORA NICOTIANAE
Nicotiana tabacum

CERCOSPORA NOJIMAE
Impatiens sp.

CERCOSPORA PANCRATII
Sprekelia formosissima

CERCOSPORA RICINELLA
Ricinus communis

CERCOSPORA SESAMI
Sesamum angolense
Sesamum indicum

CERCOSPORA SMILACIS
Smilax goetzeana

CERCOSPORA SOLANI
Solanum nigrum

CERCOSPORA SOLANI-MELONGENAE
Solanum incanum

CERCOSPORA SORGHI
Pennisetum purpureum

CERCOSPORA SP.
Alloteropsis cimicina
Basella rubra
Bersama sp.
Calotropis procera
Chlorophora excelsa
Chlorophytum sp.
Chrysanthemum leucanthemum
Cynodon transvaalensis
Delphinium sp.
Dioscorea sp.
Erucastrum arabicum
Galinsoga parviflora
Girardinia condensata
Pavonia urens var. *schimperiana*
Phaseolus mungo
Pisum sativum
Saintpaulia sp.
Syzgium cumini
Zea mays

CERCOSPORA TAGETICOLA
Tagetes minuta

CERCOSPORA TERNATEAE
Clitoria ternatea

CERCOSPORA TESSELLATA
Dactyloctenium aegyptium
Eleusine jaegeri

CERCOSPORA TETRAGONIAE
Tetragonia tetragonoides

CERCOSPORA TOMENTOSAE
Erythrina abyssinica

**CERCOSPORA TRIDACIS-
PROCUMBENTIS**
Tridax procumbens

CERCOSPORELLA ACALYPHAE
Acalypha paniculata

CERCOSPORELLA SP.
Calodendrum capense
Croton macrostachyus
Glycine javanica
Malva sp.
Malva verticillata

CERCOSPORIDIUM DUBIUM
Chenopodium album

CERCOSPORIDIUM PUNCTUM
Anethum graveolens

CERCOSPORIDIUM SP.
Milletia usaramensis
Schizolobium parahybum

CEREBELLA ANDROPOGONIS
Brachiaria brizantha
Brachiaria soluta
Cenchrus ciliaris
Cynodon plectostachyus
Cynodon transvaalensis
Digitaria nitens
Digitaria sp.
Pennisetum americanum
Pennisetum megianum
Secale cereale
Setaria phleoides
Setaria sphacelata
Sorghum alum
Sorghum arundinaceum
Sorghum caudatum
Sorghum sp.

CEREBELLA SP.
Bothriochloa insculpta
Bothriochloa radicans
Chloris gayana
Dichanthium papillosum

CERINOMYCES GRANDINOIDES
Cupressus benthamii

CEROTELIUM FICI
Ficus carica
Ficus hochstetteri

CHAETOMIUM APICULATUM
Elephant dung
Hyrax dung

CHAETOMIUM AUREUM
Hyrax dung

CHAETOMIUM BOSTRYCHODES
Camellia sinensis
Unidentified herbivore

**CHAETOMIUM BOSTRYCHODES VAR.
BOSTRYCHODE**
Antelope dung

CHAETOMIUM CAPRINUM
Unidentified herbivore

CHAETOMIUM COARCTATUM
Elephant dung

CHAETOMIUM COCHLIODES
Buffalo dung

CHAETOMIUM CUNICULORUM
Wildebeest

CHAETOMIUM DOLICHOTRICHUM
Hyrax dung

CHAETOMIUM FUNICOLA
Hyrax dung

CHAETOMIUM FUSIFORME
Ground and soil

CHAETOMIUM GLOBOSUM
Acacia mearnsii
Chrysanthemum cinerariifolium
Ground and soil
Limonium sinuatum
Malope sp.
Triticum aestivum

**CHAETOMIUM GLOBOSUM VAR.
FLAVOVIRIDE**
Ground and soil

CHAETOMIUM HETEROSPORUM
Ground and soil

CHAETOMIUM INDICUM
Antelope dung
Unidentified herbivore

CHAETOMIUM JODHPURENSE
Elephant dung
Ground and soil

CHAETOMIUM LENTUM Elephant dung	<i>Cyperus</i> sp.	<i>Hyparrhenia lintonii</i> <i>Panicum maximum</i> <i>Pennisetum glabrum</i>
CHAETOMIUM MADRASENSE Ground and soil	CLADOSPORIUM ATRIELLUM <i>Ananas comosus</i>	CLITOCYBE CERRUSATA Ground and soil
CHAETOMIUM MOLLICELLUM Elephant dung Hyrax dung	CLADOSPORIUM CLADOSPORIODES <i>Carica candinamarcensis</i> <i>Coffea arabica</i> <i>Solanum melongena</i>	CLITOCYBE DIATRETA Ground and soil
CHAETOMIUM MULTISPIRALE Unidentified dung Unidentified herbivore	CLADOSPORIUM CUCUMERINUM <i>Coccinia grandis</i> <i>Cucumis sativus</i>	COCCOMYCES SP. <i>Ficus</i> sp.
CHAETOMIUM MURORUM Ground and soil	CLADOSPORIUM HERBARUM <i>Ananas comosus</i> <i>Carica papaya</i> <i>Clusia richardiana</i> <i>Dioscorea sylvatica</i> <i>Triticum aestivum</i>	COCCONIA HALLERIAE <i>Halleria lucida</i>
CHAETOMIUM OLIVACEUM Elephant dung	CLADOSPORIUM MACROCARPUM <i>Agapanthus africanus</i>	COCHLIOBOLUS CARBONUM <i>Zea mays</i>
CHAETOMIUM QUADRANGULATUM Unidentified herbivore	CLADOSPORIUM OXYSPORUM <i>Bougainvillea</i> sp. <i>Cinnamomum zeylanicum</i>	COCHLIOBOLUS CYNODONTIS <i>Cynodon transvaalensis</i> <i>Musa sapientum</i>
CHAETOMIUM RETARDATUM Unidentified herbivore	CLADOSPORIUM SP. <i>Coffea arabica</i> <i>Lagenaria siceraria</i> <i>Mangifera indica</i> <i>Pinus radiata</i> <i>Rosa</i> sp. <i>Tarchoanthus camphoratus</i>	COCHLIOBOLUS ELLISII <i>Coffea arabica</i> <i>Oryza sativa</i>
CHAETOMIUM SPIRALE Elephant dung <i>Phaseolus vulgaris</i>	CLAVARIA SP. Termite hill	COCHLIOBOLUS HAWAIIENSIS <i>Jacaranda mimosifolia</i>
CHAETOMIUM SPIRALOTRICHUM Unidentified herbivore	CLAVICEPS MICROCEPHALA <i>Setaria</i> sp.	COCHLIOBOLUS HETEROSTROPHUS <i>Chloris gayana</i>
CHAETOMIUM STRUMARIUM Antelope dung	CLAVICEPS PASPALI <i>Paspalum notatum</i>	COCHLIOBOLUS SATIVUS <i>Hordeum vulgare</i> <i>Secale cereale</i> <i>Triticum aestivum</i>
CHAETOMIUM SUCCINEUM Elephant dung	CLAVICEPS PURPUREA <i>Andropogon schinizzii</i> <i>Andropogon</i> sp. <i>Cynodon plectostachyus</i> <i>Eustachys paspaloides</i> <i>Saccharum officinarum</i>	COLEOSPORIUM CLEMATIDIS <i>Clematis hirsuta</i>
CHAETOMIUM UNDULATUM Ground and soil	CLAVICEPS SP. <i>Brachiaria brizantha</i> <i>Brachiaria dictyoneura</i> <i>Brachiaria soluta</i> <i>Chloris gayana</i> <i>Cynodon transvaalensis</i> <i>Dactylis glomerata</i> <i>Dactyloctenium aegyptium</i> <i>Hyparrhenia cymbaria</i>	COLLETOTRICHUM ACUTATUM <i>Bombax rhodognaphalon</i> <i>Carica papaya</i> <i>Coffea arabica</i> <i>Ficus thonningii</i> <i>Fragaria vesca</i> <i>Prunus domestica</i> <i>Smilax anceps</i>
CHAETOSPERMUM CHAETOSPORUM <i>Cupressus macrocarpa</i>		COLLETOTRICHUM AGAVES <i>Agave sisalana</i>
CHLOROPHYLLUM MOLYBDITES Ground and soil		COLLETOTRICHUM CAPSICI <i>Capsicum frutescens</i> <i>Cinchona</i> sp. <i>Passiflora edulis</i>
CHLOROSPLENIUM AERUGINOSUM <i>Podocarpus gracilior</i>		COLLETOTRICHUM CIRCINANS <i>Allium cepa</i>
CICINOBOLUS CESATII <i>Oidium</i> sp. (on <i>Thunbergia alata</i>) <i>Oidium</i> sp. (on <i>Verbena</i> sp.)		
CINTRACTIA DUBIOSA <i>Pennisetum</i> sp.		
CINTRACTIA LIMITATA <i>Cyperus rotundus</i>		

COLLETOTRICHUM COCCODES
Solanum tuberosum

COLLETOTRICHUM DEMATIUM
Coffea arabica
Lilium sp.

COLLETOTRICHUM DESTRUCTIVUM
Chrysanthemum cinerariifolium

COLLETOTRICHUM GLOEOSPORIOIDES
Coffea arabica
Cussonia spicata
Eriobotrya japonica
Ficus gnaphalocarpa

COLLETOTRICHUM HELICHRYSI
Helichrysum foetidum

COLLETOTRICHUM KAHAWAE
Coffea sp.
Coffea arabica
Coffea arabica (beans)

COLLETOTRICHUM LINDEMUTHIANUM
Phaseolus vulgaris

COLLETOTRICHUM MUSAE
Musa nana var. sapientum
Musa sapientum

COLLETOTRICHUM ORBICULARE
Cucumis melo

COLLETOTRICHUM PASSIFLORAE
Passiflora edulis

COLLETOTRICHUM SP.
Citrus sp.
Coffea sp.
Cymbidium sp.
Dianthus caryophyllus
Ground and soil
Impatiens sp.
Limonium sp.
Persea americana
Pinus radiata
Solanum sp.
Telfairia pedata

COLLETOTRICHUM TRIFOLII
Medicago sativa
Ornithopus sativus

COLLETOTRICHUM TRUNCATUM
Phaseolus lunatus

COLLYBIA CONFLUENS
Ground and soil

CONIDIOBOLUS CORONATUS
Chimpanzee

CONIOCHAETA TETRASPORA
Cow dung

CONIOPHORA CEREBELLA
Cupressus sp.

CONIOPHORA PUTEANA
Timber (converted)

CONIOSPORIUM GEOPHILUM
Citrus sinensis

CONIOTHECIUM CHOMATOSPORUM
Malus sylvestris

CONIOTHECIUM SP.
Lupinus sp.

CONIOTHYRIUM FUEKELII
Camellia sinensis

CONIOTHYRIUM OLIVACEUM
Macadamia sp.

CONIOTHYRIUM SP.
Chrysanthemum cinerariifolium

COPRINUS DISSEMINATUS
Ground and soil

COPRINUS EPHEMERUS
Ground and soil

COPRINUS PLOCATILIS
Ground and soil

COPRINUS SETULOSUS
Ground and soil

COPRINUS SP.
Timber (converted)

COPRINUS STERQUILINUS
Ground and soil

CORDYCEPS SP.
Wood, forest debris and litter

COREMIELLA CUBISPORA
Eucalyptus maideni
Pinus patula

CORIOLOPSIS OCCIDENTALIS
Acacia melanoxylon
Cassipourea elliotii
Maesopsis eminii
Timber (converted)

Wood, forest debris and litter

CORIOLUS HIRSUTUS
Maesopsis eminii

CORIOLUS VERSICOLOR
Ocotea usambarensis

CORTICIUM ROLFII
Dianthus sp.
Malus sylvestris

CORTICIUM SALMONICOLOR
Pyrus communis

CORTICIUM SOLANI
Lupinus mutabilis

CORTICIUM SP.
Chrysanthemum cinerariifolium
Vicia faba

CORYNELIA UBERATA
Podocarpus gracilior
Podocarpus sp.

CORYNEUM SP.
Tarchonanthus camphoratus

CRISTELLA SP.
Timber (converted)

CRYPTOCLINE TREMULOIDES
Ficus capensis

CRYPTOCOCCUS ALBIDUS VAR. AERIUS
Ground and soil

CRYPTOCOCCUS ALBIDUS VAR. ALBIDUS
Ground and soil

CRYPTOCOCCUS LAURENTII
Ground and soil

CRYPTODIDYMOSPHAERIA CLANDESTINA
Phyllachora evansii
Phyllachora heterospora

CUNNINGHAMELLA ECHINULATA
Ground and soil

CUNNINGHAMELLA SP.
Gossypium hirsutum

CURVULARIA BRACHYSPORA
Musa sapientum

- CURVULARIA LUNATA**
Mangifera indica
- CURVULARIA ORYZAE**
Cyperus sieberanus
- CURVULARIA PALLESCENS**
Dactyloctenium aegyptium
Paint
- CURVULARIA PRASADII**
Coffea arabica
- CURVULARIA RICHARDIAE**
Richardia brasiliensis
- CURVULARIA SENEGALENSIS**
Anacardium occidentale
Paint
- CURVULARIA TRIFOLII**
Trifolium repens var. *giganteum*
- CURVULARIA VERRUCULOSA**
Coffea arabica
- CYATHUS LIMBATUS**
Wood, forest debris and litter
- CYATHUS MICROSPORUS**
Wood, forest debris and litter
- CYATHUS OLLA**
Wood, forest debris and litter
- CYATHUS PALLIDUS**
Wood, forest debris and litter
- CYATHUS SP.**
Ground and soil
Wood, forest debris and litter
- CYCLANEUSMA NIVEUM**
Pinus engelmannii
Pinus hondurensis
Pinus patula
Pinus pinaster
Pinus radiata
- CYLINDROCARPON DESTRUCTANS**
Camellia sinensis
Fragaria vesca
- CYLINDROCARPON DESTRUCTANS VAR. CRASSUM**
Eucalyptus saligna
- CYLINDROSPORIUM KILIMANDSCHARICUM**
Commelina africana
Commelina benghalensis
- CYLINDROSPORIUM TEPHROSIAE**
Tephrosia candida
- CYMATODERMA ELEGANS**
Timber (converted)
Wood, forest debris and litter
- CYPHELLA VILLOSA**
Sesbania sp.
- CYTOSPORA CENISIA F. LITTORALIS**
Cupressus benthamii
- CYTOSPORA EUCALYPTICOLA**
Eucalyptus sp.
- CYTOSPORA SP.**
Cupressus macrocarpa
Prunus domestica
- DAEDALEA JUNIPERINA**
Juniperus procera
- DALDINIA CONCENTRICA**
Timber (converted)
Wood, forest debris and litter
- DALDINIA ESCHSCHOLTZII**
Wood, forest debris and litter
- DALDINIA SP.**
Acacia mearnsii
- DENDRODOCHIUM SP.**
Cinchona sp.
- DENDRYPHIELLA VINOSA**
Passiflora edulis
- DENDRYPHION NANUM**
Hordeum vulgare
- DIACHEA LEUCOPODIA**
Wood, forest debris and litter
- DIAPORTHE CITRI**
Citrus sp.
- DICYMA PULVINATA**
Cercospora ranjita
- DIDERMA RADIATUM VAR. ATROPURPUREA**
Wood, forest debris and litter
- DIDYMELLA BRYONIAE**
Cucumis melo
- DIDYMELLA LIGULICOLA**
Chrysanthemum cinerariifolium
- Chrysanthemum morifolium*
- DIDYMELLA SP.**
Sorghum bicolor
- DIDYMELLINA DIANTHI**
Dianthus caryophyllus
- DIDYMOSPHAERIA PANICI**
Pennisetum purpureum
- DIMERIELLA CLAVISETA**
Erlangea tomentosa
- DIPLOCARPON MESPILI**
Cydonia oblonga
Eriobotrya japonica
- DIPLOCARPON ROSAE**
Rosa damascena
Rosa sp.
- DIPLODIA SP.**
Agave sisalana
Cupressus torulosa
Millettia sp.
- DIPLODIA THEOBROMAE**
Persea americana
- DOASSANSIOPSIS NYMPHAEAE**
Nymphaea capensis
- DOTHIORELLA PLACENTA**
Citrus limon
- DOTHIORELLA SP.**
Acrocarpus fraxinifolius
Citrus aurantium
Paint
- DRECHSLERA CYNODONTIS**
Cynodon transvaalensis
- DRECHSLERA MUSAE-SAPIENTUM**
Strelitzia reginae
- DRECHSLERA SP.**
Chloris virgata
Musa sapientum
- DUPORTELLA TRISTICULA**
Teclea nobilis
Wood, forest debris and litter
- EARLIELLA SCABROSA**
Timber (converted)
Wood, forest debris and litter
- ECHINOCHAETE SP.**
Wood, forest debris and litter

- ELSINOE AMPELINA**
Vitis sp.
Vitis vinifera
- ELSINOE FAWCETTII**
Citrus sinensis
- ELSINOE MANGIFERAE**
Mangifera indica
- ELSINOE PHASEOLI**
Lablab purpureus
Phaseolus aureus
Phaseolus vulgaris
- ELSINOE ROSARUM**
Rosa sp.
- ELSINOE SP.**
Cissus erythrochlora
Cyathostemma sp.
- EMPUSA GRYLLI**
Nomadacris septemfasciata
- EMPUSA SP.**
Acridiid
Aphid (on *Pisum*)
Aphid (on *Triticum*)
- ENGLEROMYCES GOETZEI**
Arundinaria alpina
- ENTONAEMA SP.**
Wood, forest debris and litter
- ENTYLOMA AUSTRALE**
Physalis peruviana
- ENTYLOMA BIDENTIS**
Bidens pilosa
- ENTYLOMA CALENDULAE**
Calendula officinalis
- ENTYLOMA DAHLIAE**
Dahlia sp.
- ENTYLOMA ZINNIAE**
Zinnia pauciflora
- ENTYLOMELLA ARMORACIAE**
Armoracia rusticana
- EPICHLÖE CINEREA**
Sporobolus sp.
- EPICHLÖE SP.**
Sporobolus fimbriatus var. *latifolius*
- EPICOCOCCUM NIGRUM**
Coffea arabica
Dianthus caryophyllus
Launaea cornuta
Oryza sativa
Saccharum officinarum
Timber (converted)
- EPICOCOCCUM PURPURASCENS**
Pinus elliotii
Pinus massoniana
- EPICOCOCCUM SP.**
Avena sativa
Saccharum officinarum
- ERYSIPHE CICHORACEARUM**
Campanula sp.
Cucumis melo
Cucumis sativus
Cucurbita pepo
Lactuca sativa
Nicotiana tabacum
- ERYSIPHE CRUCIFERARUM**
Brassica oleracea var. *bullata*
- ERYSIPHE GRAMINIS**
Cynodon plectostachyus
Hordeum vulgare
Triticum aestivum
- ERYSIPHE PISI**
Phaseolus aureus
Phaseolus mungo
Pisum sativum
- ERYSIPHE POLYGONI**
Vigna unguiculata
- ERYSIPHE RANUNCULI**
Daucus carota
Delphinium sp.
- ERYSIPHE TRIFOLII**
Lathyrus odoratus
Trifolium masaiensis
- ERYTHRICIUM SALMONICOLOR**
Calodendrum capense
Camellia sinensis
Citrus sinensis
Coffea arabica
Cupressus macrocarpa
Eriobotrya japonica
- EUDARLUCA AUSTRALIS**
Physopella africana
Puccinia graminis
Puccinia kampalensis
Puccinia keniensis
Puccinia penniseti
- EUDARLUCA CARICIS**
Puccinia erianthi
Puccinia levis
- EUPENICILLIUM BREFELDIANUM**
Zebra
- EXOBASIDIUM SP.**
Cissus sp.
- EXOBASIDIUM VACCINII VAR. JAPONICUM**
Azalea sp.
- FAVOLASCHIA THWAITESII**
Cupressus bentharii
- FAVOLASCHIA THWAITESII SUBSP. DYBOSKYAMA**
Wood, forest debris and litter
- FAVOLASCHIA TONKINENSIS**
Wood, forest debris and litter
- FAVOLUS MULTIPLEX**
Wood, forest debris and litter
- FAVOLUS SPATHULATUS**
Wood, forest debris and litter
- FOMES DEMIDOFFII**
Juniperus procera
- FOMES JUNIPERINUS**
Juniperus procera
- FOMES LAMAOENSIS**
Coffea arabica
- FOMES PSEUDOSENEX**
Wood, forest debris and litter
- FOMES SENEX**
Wood, forest debris and litter
- FOMES SETULOSUS**
Ocotea usambarensis
- FOMES SP.**
Timber (converted)
Wood, forest debris and litter
- FOMES YUCATANENSIS**
Olea europaea subsp. *africana*
- FOMITOPSIS CAJANDERI**
Timber (converted)
- FOMITOPSIS ROSEA**
Wood, forest debris and litter

FULVIA FULVA*Lycopersicon esculentum***FUSARIUM ACUMINATUM***Pennisetum trachyphyllum***FUSARIUM AVENACEUM***Bromus unioloides*
Dactylis glomerata
Dactyloctenium aegyptium
Linum usitatissimum
*Vicia sativa***FUSARIUM CAMPTOCERAS***Chrysanthemum* sp.**FUSARIUM CHLAMYDOSPORUM***Leucaena leucocephala*
*Musa sapientum***FUSARIUM CULMORUM***Triticum aestivum***FUSARIUM EQUISETI***Bothriochloa radicans*
Chloris gayana
Chrysanthemum cinerariifolium
Citrus sinensis
Cynodon plectostachyus
Cynodon transvaalensis
Hordeum vulgare
Musa sapientum
Ornithopus sativus
*Oryza sativa***FUSARIUM GRAMINEARUM***Crotalaria lebrunii*
Dianthus caryophyllus
Oryza sativa
Spinacia oleracea
*Triticum aestivum***FUSARIUM HETEROSPORUM***Cenchrus ciliaris*
Cynodon transvaalensis
Panicum maximum
Pennisetum glabrum
Setaria sp.**FUSARIUM LATERITUM***Albizia coriaria*
Cajanus cajan
Chrysanthemum cinerariifolium
Citrus sinensis
Ipomoea batatas
Lupinus sp.**FUSARIUM LIMONIS***Citrus sinensis***FUSARIUM MONILIFORME***Cinchona* sp.
Crotalaria juncea
Saccharum officinarum
*Zea mays***FUSARIUM MONILIFORME VAR.****ANTHOPHILUM***Solanum melongena***FUSARIUM OXYSPORUM***Agave sisalana*
Camellia sinensis
Catharanthus roseus
Chrysanthemum cinerariifolium
Citrus sinensis
Coffea arabica
Cucumis sativus
Dianthus caryophyllus
Helianthus annuus
Lupinus sp.
Lycopersicon esculentum
Manihot esculenta
Narcissus pseudonarcissus
Oryza sativa
Panicum maximum
Passiflora edulis
Pelargonium zonale
Phaseolus sp.
Rosa sp.
Solanum melongena
Solanum tuberosum
Triticum aestivum
Vigna subterranea
*Zea mays***FUSARIUM OXYSPORUM F.SP. CUBENSE***Musa sapientum***FUSARIUM OXYSPORUM F.SP. GLADIOLI***Gladiolus* sp.**FUSARIUM OXYSPORUM F.SP. LINI***Linum usitatissimum***FUSARIUM OXYSPORUM SP.***Cicer arietinum***FUSARIUM PALLIDOROSEUM***Capsicum frutescens*
Chrysanthemum cinerariifolium
Citrus sp.
Coffea arabica
*Hibiscus cannabinus***FUSARIUM SAMBUCINUM***Lycopersicon esculentum*
*Melinis minutiflora***FUSARIUM SCIRPI***Passiflora edulis***FUSARIUM SEMITECTUM***Phaseolus vulgaris***FUSARIUM SOLANI***Ananas comosus*
Citrus sp.
Coffea sp.
Dianthus caryophyllus
Gossypium hirsutum
Leucaena leucocephala
Maesopsis eminii
Musa sapientum
Nerium oleander
Passiflora edulis
*Petroselinum hortense***FUSARIUM SP.***Acacia cyclops*
Campanula sp.
Coffea arabica
Eleusine coracana
Gossypium hirsutum
Pinus insularis
Polianthes tuberosa
*Solanum tuberosum***FUSARIUM SPOROTRICHIOIDES***Cucumis melo***FUSARIUM STILBOIDES***Coffea arabica***FUSICOCCUM SP.***Pinus pseudostrobus* var. *tenuifolia***GAEUMANNOMYCES GRAMINIS***Hordeum vulgare*
*Triticum aestivum***GANODERMA ALLUAUDI**

Wood, forest debris and litter

GANODERMA APPLANATUM*Ocotea usambarensis*
Wood, forest debris and litter**GANODERMA APPLANATUM VAR. TORNATUM**

Wood, forest debris and litter

GANODERMA EMINI

Wood, forest debris and litter

GANODERMA LUCIDUM*Prunus domestica*
Wood, forest debris and litter

GANODERMA PEDIFORME
Wood, forest debris and litter

GANODERMA SIMULANS
Wood, forest debris and litter

GANODERMA SP.
Olea hochstetteri
Wood, forest debris and litter

GEASTRUM SACCATUM
Ground and soil
Wood, forest debris and litter

GEASTRUM TRIPLEX
Wood, forest debris and litter

GELASINOSPORA BREVISPIORA
Zebra

GELASINOSPORA CALOSPORA
Wood, forest debris and litter

GEOTRICHUM CANDIDUM
Solanum tuberosum

GEOTRICHUM SP.
Allium cepa
Citrus sinensis

GIBBERELLA ZEAE
Bothriochloa radicans

GILBERTELLA PERSICARIA
Ground and soil

GLIOCLADIUM ROSEUM
Chrysanthemum cinerariifolium
Cytisus proliferus
Nerium oleander

GLIOCLADIUM SP.
Coffea arabica

GLOEOCERCOSPORA SORGHI
Sorghum caudatum

GLOEOCERCOSPORA SP.
Cynodon transvaalensis

GLOEOCERCOSPORA TASSELLATA
Echinochloa pyramidalis

GLOEOPHYLLUM STRIATUM
Cupressus sp.
Timber (converted)

GLOEOPHYLLUM TRABEUM
Cupressus sp.
Timber (converted)

GLOEOSPORIUM MORIANUM
Medicago sativa

GLOEOSPORIUM SP.
Carica papaya
Malus sylvestris
Rubus sp.

GLOMERELLA CINGULATA
Achyranthes aspera
Bougainvillea sp.
Camellia sinensis
Carthamus tinctorius
Chrysanthemum cinerariifolium
Citrus sinensis
Cocos nucifera
Coffea arabica
Cydonia oblonga
Cyphomandra betacea
Dracaena sp.
Ensete ventricosum
Eucalyptus grandis
Ficus capensis
Ficus hochstetteri
Hibiscus cannabinus
Lathyrus odoratus
Malus sylvestris
Mangifera indica
Manihot esculenta
Manilkara zapota
Matthiola incana
Musa sapientum
Passiflora edulis
Passiflora ligularis
Persea americana
Pinus eliottii
Pinus radiata
Plumeria alba
Portulaca oleracea
Psidium guajava

GLOMERELLA GOSSYPII
Gossypium hirsutum

GLOMERELLA PHACIDIOMORPHA
Phormium tenax

GLOMERELLA PSIDII
Psidium guajava

GRANDINIA ARGUTA
Wood, forest debris and litter

GRANDINIA ROSEA
Wood, forest debris and litter

GRANDINIA SP.
Wood, forest debris and litter

GRAPHIOLA PHOENICIS
Phoenix dactylifera

GRAPHIUM SP.
Carica papaya

GUIGNARDIA CITRICARPA
Citrus limon

GUIGNARDIA MANGIFERAE
Mangifera indica

GUIGNARDIA SP.
Cinnamomum zeylanicum
Maesa lanceolata

GYMNOPIIUS PAMPEANUS
Wood, forest debris and litter

GYMNOPIIUS SP.
Wood, forest debris and litter

HAMASPIORA LONGISSIMA
Rubus sp.
Rubus steudneri var. *dictyophyllus*

HANSFORDIA UGANDENSIS
Cercospora sp.

HARZIA ACREMONIOIDES
Chrysanthemum cinerariifolium
Timber (converted)

HEBELOMA CRUSTULIFORME
Ground and soil
Pinus engelmannii
Pinus insularis

HELICOBASIDIUM BREISSONII
Chlorophora excelsa

HELICOBASIDIUM COMPACTUM
Tectona grandis

HELICOBASIDIUM PURPUREUM
Medicago sativa

HELMINTHOSPORIUM SP.
Croton macrostachyus
Oryza sativa
Timber (converted)

HEMIDOTHIS SP.
Achemilla ellenbeckii

HEMILEIA CRYPTOSTEGIAE
Cryptostegia grandiflora

HEMILEIA HOLSTII
Psychotria nairobiensis

HEMILEIA MANDEVILLAE
Mandevilla sp.

- HEMILEIA SP.**
Cryptolepis hypoglauca
- HEMILEIA VASTATRIX**
Coffea arabica
- HEMILEIA WOODII**
Vangueria linearispala
Vangueria sp.
- HENDERSONIA SP.**
Entolasia imbricata
- HETEROCHAETE SP.**
Wood, forest debris and litter
- HETEROPATELLA VALTELLINENSIS**
Dianthus caryophyllus
- HETEROSPORIUM ORNITHOGALI**
Ornithogalum ornithogalum
- HEXAGONIA DISCOPODA**
Prunus africana
Wood, forest debris and litter
- HEXAGONIA HYDNOIDES**
Wood, forest debris and litter
- HEXAGONIA POBEGUINI**
Wood, forest debris and litter
- HEXAGONIA SERICATA**
Wood, forest debris and litter
- HEXAGONIA SP.**
Cassipourea rotundifolia
Timber (converted)
- HEXAGONIA SPECIOSA**
Wood, forest debris and litter
- HEXAGONIA SUBVELUTINA**
Wood, forest debris and litter
- HIRNEOLA NOBILIS**
Wood, forest debris and litter
- HIRSUTELLA SP.**
Aleyrodidae sp.
Coccidae (Scale insect)
- HIRSUTELLA THOMPSONII**
Cassava green mite
- HORMISCIMUM PITHYOPHILUM**
Juniperus procera
- HYDNUM DECURRENS**
Wood, forest debris and litter
- HYDNUM GLABRESCENS**
Wood, forest debris and litter
- HYDROFUS ODORATUS**
Ground and soil
- HYGROCYBE APALA**
Ground and soil
- HYGROCYBE NIGRESCENS**
Ground and soil
- HYMENOCHAETE CORRUGATA**
Wood, forest debris and litter
- HYMENOCHAETE LUTEOBADIA**
Wood, forest debris and litter
- HYMENOCHAETE NOXIA**
Coffea arabica
- HYMENOCHAETE SEMISTUPPOSA**
Wood, forest debris and litter
- HYPHLOMA FASCICULARE**
Wood, forest debris and litter
- HYPOCREA BRACHYCAULIS**
Wood, forest debris and litter
- HYPOXYLON MICHELIANUM**
Camellia sinensis
- HYPOXYLON SP.**
Wood, forest debris and litter
- HYPOXYLON TRUNCATUM**
Timber (converted)
Wood, forest debris and litter
- INONOTUS CICHORIACEUS**
Acacia melanoxylon
- IRPEX FLAVUS**
Wood, forest debris and litter
- IRPEX GRISEOFUSCESCENS**
Wood, forest debris and litter
- KERNIA NITIDA**
Unidentified dung
- KHUSKIA ORYZAE**
Oryza sativa
Pennisetum purpureum
Zea mays
- KIRSCHSTEINIOTHELIA AETHIOPS**
Cupressus macrocarpa
- KLOECKERA APICULATA**
Ground and soil
- KORDYANA CELEBENSIS**
Commelina benghalensis
Commelina sp.
- KUEHNEOLA FLACOURTIAE**
Flacourtia indica
- LACCARIA LATERITIA**
Ground and soil
Pinus pinaster
- LASCHIA SP.**
Wood, forest debris and litter
- LASCHIA THWAITESII**
Wood, forest debris and litter
- LASIODIPLODIA THEOBROMAE**
Aleurites fordii
Anacardium occidentale
Camellia sinensis
Cassia siamea Lam.
Cocos nucifera
Eucalyptus sp.
Gossypium hirsutum
- LASIOSPHAERIA FENZLII**
Ground and soil
- LASIOSTEMMA CORDIICOLA**
Vernonia sp.
- LATERNEA SP.**
Ground and soil
- LENTINUS FUSCOPURPUREUS**
Wood, forest debris and litter
- LENTINUS SAJOR-CAJU**
Timber (converted)
Wood, forest debris and litter
- LENTINUS STUPPEUS**
Timber (converted)
Wood, forest debris and litter
- LENTINUS TIGRINUS**
Wood, forest debris and litter
- LENTINUS TUBER-REGIUM**
Ground and soil
- LENTINUS VELUTINUS**
Wood, forest debris and litter
- LENTINUS VILLOSUS**
Wood, forest debris and litter

LENZITES ABIETINA
Wood, forest debris and litter

LENZITES CORRUGATA
Wood, forest debris and litter

LENZITES PALISOTI
Wood, forest debris and litter

LENZITES TRABEA
Wood, forest debris and litter

LEPIOTA PROCERA
Wood, forest debris and litter

LEPIOTA ROSEOALBA
Ground and soil

LEPIOTA SP.
Wood, forest debris and litter

LEPIOTA SUBINCARNATA
Ground and soil

LEPISTA LONGISPORA
Ground and soil

LEPTEUTYPA CUPRESSI
Cupressus benthamii
Cupressus forbesii
Cupressus macrocarpa
Cupressus sempervirens var. *stricta*

LEPTOSPHAERIA BICOLOR
Saccharum officinarum
Saccharum sp.

LEPTOSPHAERIA MUSARUM
Lagenaria siceraria

LEPTOSPHAERIA NODORUM
Triticum aestivum

LEPTOSPHAERIA ORYZINA
Oryza sativa

LEPTOSPHAERIA SACCHARI
Saccharum officinarum

LEPTOSPHAERULINA TRIFOLII
Chenopodium sp.
Dichondra repens
Medicago sativa

LEPTOSPORA OVINA
Wood, forest debris and litter

LEPTOSTROMA SP.
Echinochloa pyramidalis

LEPTOSTROMA VESTITAE
Agave sisalana

LEPTOSTROMELLA SEPTORIOIDES
Eragrostis sp.

LEPTOXYPHIUM SP.
Spathodea campanulata

LEUCOPAXILLUS ALBISSIMUS
Wood, forest debris and litter

LEVEILLULA CLAYATA
Euphorbia pulcherrima

LEVEILLULA SP.
Lippia carviadora

LEVEILLULA TAURICA
Aquilegia sp.
Cajanus cajan
Capsicum frutescens
Commiphora zimmermannii
Cucumis sativus
Cyamopsis tetragonoloba
Daucus carota
Erlangea sp.
Eschscholzia californica
Hibiscus cannabinus
Lablab purpureus subsp. *bengalensis*
Lycopersicon esculentum
Nicotiana sp.
Romneya coulteri
Solanum aculcatissimum
Solanum incanum
Solanum melongena
Tropaeolum majus

LOPHARIA CINERASCENS
Wood, forest debris and litter

LOPHARIA MIRABILIS
Wood, forest debris and litter

LOPHOTRICHUS AMPULLUS
Buffalo dung

LYCOPERDON PERLATUM
Wood, forest debris and litter

MACROLEPIOTA DOLICHAULA
Ground and soil

MACROPHOMA CONVULVACEARUM
Convolvulus sp.

MACROPHOMA PINEA
Pinus caribaea

MACROPHOMA SAPINEA
Pinus patula

Pinus radiata

MACROPHOMINA PHASEOLINA

Arachis hypogaea
Carica papaya
Chenopodium opulifolium
Cicer arietinum
Glycine max
Gossypium hirsutum
Jacaranda mimosifolia
Linum usitatissimum
Phaseolus vulgaris
Pisum sativum
Ricinus communis
Sesamum indicum

MAGNAPORTHE GRISEA

Oryza sativa
Pennisetum purpureum

MAGNAPORTHE SALVINII

Oryza sativa

MARASMIELLUS COCOPHILUS

Cocos nucifera

MARASMIUS BUBALINUS

Ground and soil

MARASMIUS SP.

Camellia sinensis

MARAVALLIA CROTALARIAE

Crotalaria agatiflora

MARIANNAEA ELEGANS

Grevillea robusta

MELAMPSORA EUPHORBIAE

Euphorbia heterophylla

MELAMPSORA EUPHORBIAE-DULCIS

Euphorbia fulgens
Euphorbia pulcherrima

MELAMPSORA JUNODII

Vernonia duemmeri

MELAMPSORA LINI

Linum usitatissimum

MELAMPSORA POPULNEA

Populus ilicifolia

MELAMPSORA RICINI

Ricinus communis

MELANOPSISCHIUM PENNSYLVANICUM

Polygonum senegalense
Polygonum setosulum
Polygonum sp.

MELANOSPORA ZAMIAE*Oryza sativa***MELANOTUS PROTEUS***Cocos nucifera*
*Cupressus benthamii***MELIOLA OPILIAE***Opilia celtidifolia***MELIOLA PETIOLARIS***Olea welwitschii***MELIOLA SP.***Periploca linearifolia***METARHIZIUM ANISOPLIAE***Oryctes monoceros***MICRODOCHIUM DIMERUM**

Timber (converted)

MICROPSALLIOTA ARGINEA

Ground and soil

MICROSPORUM FERRUGINEUM

Man

MICROTHYRIELLA SP.*Musa sapientum***MONOCHAETIA NATTRASSII***Camellia sinensis***MONOCHAETIA UNICORNIS***Cupressus* sp.**MONTAGNELLA MAXIMA***Aloe* sp.**MORCHELLA INTERMEDIA**

Wood, forest debris and litter

MUCILAGO CRUSTACEA*Pennisetum clandestinum***MUCOR FRAGILIS***Ricinus communis***MUCOR HIEMALIS F. LUTEUS**

Ground and soil

MUCOR PLUMBEUS

Ground and soil

MUCOR RACEMOSUS

Ground and soil

MUCOR SUBTILISSIMUS*Chrysanthemum cinerariifolium***MURIBASIDIOSPORA HESPERIDUM***Rhus glaucescens*
*Rhus villosa***MYCOSPHAERELLA AGAPANTHI***Agapanthus* sp.**MYCOSPHAERELLA BERKELEYI***Arachis hypogaea***MYCOSPHAERELLA BRASSICICOLA***Brassica oleracea* var. *bullata*
Brassica oleracea var. *gemmifera***MYCOSPHAERELLA CONTRARIA***Dioscorea* sp.**MYCOSPHAERELLA FAGRAEAE***Fragaria vesca***MYCOSPHAERELLA FIJIENSIS***Musa x paradisiaca***MYCOSPHAERELLA GRAMINICOLA***Triticum aestivum***MYCOSPHAERELLA HENNINGSII***Manihot esculenta***MYCOSPHAERELLA IRIDIS***Iris* sp.**MYCOSPHAERELLA KILLIANII***Trifolium rueppellianum***MYCOSPHAERELLA LINICOLA***Linum usitatissimum***MYCOSPHAERELLA MOLLERIANA***Eucalyptus maideni***MYCOSPHAERELLA MUSICOLA***Musa sapientum***MYCOSPHAERELLA PHYLLANTHI***Phyllanthus* sp.**MYCOSPHAERELLA PINI***Pinus canariensis*
Pinus contorta
Pinus elliotii
Pinus engelmannii
Pinus hondurensis
Pinus insularis
Pinus montezumae
Pinus muricata
Pinus palustris
Pinus pinaster
Pinus ponderosa
Pinus pseudostrobus var. *tenuifolia*
*Pinus radiata**Pinus roxburghii**Pinus taeda**Pinus torreyana***MYCOSPHAERELLA PINICOLA***Pinus hondurensis*
Pinus radiata
*Pinus taeda***MYCOSPHAERELLA PINODES***Pisum sativum***MYCOSPHAERELLA PITTIERI***Ficus hochstetteri***MYCOSPHAERELLA POMI***Malope* sp.**MYCOSPHAERELLA ROSICOLA***Rosa* sp.**MYCOSPHAERELLA SP.***Crassocephalum* sp.
Cyperus maranguensis
Ensete ventricosum
Entolasia imbricata
Gladiolus sp.
Lactuca capensis
Oenanthe palustris
Populus ilicifolia
Senecio sp.
Sonchus luxurians
*Trimeria tropica***MYCOSPHAERELLA STEPHANOROSSIAE***Oenanthe* sp.**MYCOVELLOSIELLA CAJANI***Cajanus cajan***MYCOVELLOSIELLA CONCORDS***Solanum tuberosum***MYCOVELLOSIELLA PERFOLIATA***Ageratum conyzoides***MYCOVELLOSIELLA PHASEOLI***Phaseolus vulgaris***MYROTHECIUM RORIDUM***Lycopersicon esculentum*
Molucella sp.**MYROTHECIUM VERRUCARIA***Triticum aestivum***NATRASSIA TORULOIDEA***Manihot esculenta***NECTRIA COCCINEA***Camellia sinensis*

MELANOSPORA ZAMIAE*Oryza sativa***MELANOTUS PROTEUS***Cocos nucifera**Cupressus bentharii***MELIOLA OPIILAE***Opilia celtidifolia***MELIOLA PETIOLARIS***Olea welwitschii***MELIOLA SP.***Periploca linearifolia***METARHIZIUM ANISOPLIAE***Oryctes monoceros***MICRODOCHIUM DIMERUM**

Timber (converted)

MICROPSALLIOTA ARGINEA

Ground and soil

MICROSPORUM FERRUGINEUM

Man

MICROTHYRIELLA SP.*Musa sapientum***MONOCHAETIA NATTRASSII***Camellia sinensis***MONOCHAETIA UNICORNIS***Cupressus sp.***MONTAGNELLA MAXIMA***Aloe sp.***MORCHELLA INTERMEDIA**

Wood, forest debris and litter

MUCILAGO CRUSTACEA*Pennisetum clandestinum***MUCOR FRAGILIS***Ricinus communis***MUCOR HIEMALIS F. LUTEUS**

Ground and soil

MUCOR PLUMBEUS

Ground and soil

MUCOR RACEMOSUS

Ground and soil

MUCOR SUBTILISSIMUS*Chrysanthemum cinerariifolium***MURIBASIDIOSPORA HESPERIDUM***Rhus glaucescens**Rhus villosa***MYCOSPHAERELLA AGAPANTHI***Agapanthus sp.***MYCOSPHAERELLA BERKELEYI***Arachis hypogaea***MYCOSPHAERELLA BRASSICICOLA***Brassica oleracea var. bullata**Brassica oleracea var. gemmifera***MYCOSPHAERELLA CONTRARIA***Dioscorea sp.***MYCOSPHAERELLA FAGRAEAE***Fragaria vesca***MYCOSPHAERELLA FIJIENSIS***Musa x paradisiaca***MYCOSPHAERELLA GRAMINICOLA***Triticum aestivum***MYCOSPHAERELLA HENNINGSII***Manihot esculenta***MYCOSPHAERELLA IRIDIS***Iris sp.***MYCOSPHAERELLA KILLIANII***Trifolium rueppellianum***MYCOSPHAERELLA LINICOLA***Linum usitatissimum***MYCOSPHAERELLA MOLLERIANA***Eucalyptus maideni***MYCOSPHAERELLA MUSICOLA***Musa sapientum***MYCOSPHAERELLA PHYLLANTHI***Phyllanthus sp.***MYCOSPHAERELLA PINI***Pinus canariensis**Pinus contorta**Pinus elliottii**Pinus engelmannii**Pinus hondurensis**Pinus insularis**Pinus montezumae**Pinus muricata**Pinus palustris**Pinus pinaster**Pinus ponderosa**Pinus pseudostrobus var. tenuifolia**Pinus radiata**Pinus roxburghii**Pinus taeda**Pinus torreyana***MYCOSPHAERELLA PINICOLA***Pinus hondurensis**Pinus radiata**Pinus taeda***MYCOSPHAERELLA PINODES***Pisum sativum***MYCOSPHAERELLA PITTIERI***Ficus hochstetteri***MYCOSPHAERELLA POMI***Malope sp.***MYCOSPHAERELLA ROSICOLA***Rosa sp.***MYCOSPHAERELLA SP.***Crassocephalum sp.**Cyperus maranguensis**Ensete ventricosum**Entolasia imbricata**Gladiolus sp.**Lactuca capensis**Oenanthe palustris**Populus ilicifolia**Senecio sp.**Sonchus luxurians**Trimeria tropica***MYCOSPHAERELLA STEPHANOROSSIAE***Oenanthe sp.***MYCOVELLOSIELLA CAJANI***Cajanus cajan***MYCOVELLOSIELLA CONCORS***Solanum tuberosum***MYCOVELLOSIELLA PERFOLIATA***Ageratum conyzoides***MYCOVELLOSIELLA PHASEOLI***Phaseolus vulgaris***MYROTHECIUM RORIDUM***Lycopersicon esculentum**Moluccella sp.***MYROTHECIUM VERRUCARIA***Triticum aestivum***NATTRASSIA TORULOIDEA***Manihot esculenta***NECTRIA COCCINEA***Camellia sinensis*

PERICONIA BYSSOIDES

Albizia coriaria
Araucaria cunninghamii
Bidens pilosa
Coffea arabica
Eucalyptus maideni
Ipomoea intrapilosa
Lycopersicon esculentum
Sonchus luxurians

PERICONIA DIGITATA

Panicum maximum

PERICONIA ECHINOCHLOAE

Panicum maximum
Pinus patula

PERICONIA LATERALIS

Panicum maximum

PERICONIA SACCHARI

Saccharum officinarum

PERONEUTYPA SP.

Pyrus communis

PERONOSCLEROSPORA SORGHI

Sorghum caudatum
Sorghum sudanense
Zea mays

PERONOSPORA CHLORAE

Eustoma sp.

PERONOSPORA DESTRUCTOR

Allium cepa

PERONOSPORA FARINOSA

Beta vulgaris
Chenopodium procerum

PERONOSPORA LAMII

Ocimum suave

PERONOSPORA PARASITICA

Brassica oleracea var. *acephala*
Cleome monophylla
Erucastrum arabicum

PERONOSPORA SPARSA

Rosa sp.

PERONOSPORA SP.

Euphorbia sp.
Ocimum suave

PERONOSPORA TRIFOLIORUM

Medicago sativa

PERONOSPORA VICIAE

Pisum sativum

PESTALOTIA COFFEAEE

Coffea sp.

PESTALOTIA CRYPTOMERIAE

Pinus elliottii

PESTALOTIA GOSSYPII

Gossypium hirsutum

PESTALOTIA MICROSPORA

Pinus radiata

PESTALOTIA SP.

Araucaria cunninghamii
Encephalartos hildebrandtii

PESTALOTIA UVICOLA

Vitis sp.

PESTALOTIOPSIS CRUENTA

Maesopsis eminii

PESTALOTIOPSIS DISSEMINATA

Anacardium occidentale
Eucalyptus maideni

PESTALOTIOPSIS FUNEREA

Coffea arabica
Cupressus macrocarpa

PESTALOTIOPSIS GIGAS

Camellia sinensis
Pinus radiata

PESTALOTIOPSIS GLANDICOLA

Mangifera indica

PESTALOTIOPSIS MACULANS

Camellia sinensis

PESTALOTIOPSIS NEGLECTA

Cinchona sp.

PESTALOTIOPSIS PALMARUM

Cocos nucifera

PESTALOTIOPSIS SP.

Caesalpinia decapetala
Limonium sp.
Punica granatum

PESTALOTIOPSIS STICTICA

Pinus radiata

PESTALOTIOPSIS THEAE

Camellia sinensis

PESTALOTIOPSIS VERSICOLOR

Anacardium occidentale
Araucaria cunninghamii
Cinchona sp.

PESTALOTIOPSIS VIRGATULA

Pinus radiata

PETRIELLA SETIFERA

Hyrax dung

PHAEOCYTOSTROMA SACCHARI

Saccharum officinarum

PHAEODOTHIS FALLAX

Phyllachora eleusines

PHAEOGYROPORUS PORTENTOSUS

Ground and soil

PHAEOSARIOPSIS SP.

Albizia sp.

PHAEORAMULARIA ANGOLENSIS

Citrus spp.

PHAEORAMULARIA CAPSICICOLA

Capsicum frutescens

PHAEORAMULARIA FUSIMACULANS

Brachiaria brizantha

PHAEOSEPTORIA EUCALYPTI

Eucalyptus sp.

PHAEOSEPTORIA MUSAE

Musa sapientum

PHAEOSEPTORIA SP.

Brachiaria ruziziensis

PHAKOPSORA APODA

Pennisetum clandestinum

PHAKOPSORA GOSSYPII

Gossypium hirsutum

PHAKOPSORA LOUDETIAE

Loudetia arundinacea

PELLINUS BADIUS

Wood, forest debris and litter

PELLINUS GILVUS

Eucalyptus sp.
 Wood, forest debris and litter

PELLINUS ROBINIAE

Wood, forest debris and litter

PHIALOPHORA SP.

Ground and soil

PHLOESPORIA AETHIOPICA

Acanthus mollis

PHLOEOSPORA DODONAEAE*Dodonaea viscosa***PHLOEOSPORA MORI***Morus* sp.**PHLOEOSPORA SP.***Dioscorea* sp.
Setaria sphacelata
Stapelia sp.**PHOLIOTA SP.**

Wood, forest debris and litter

PHOMA ANETHI*Anethum graveolens***PHOMA CARICAE-PAPAYAE***Carica papaya***PHOMA EUPHORBIAE***Tragia* sp.**PHOMA EXIGUA***Phaseolus lunatus*
Phaseolus vulgaris
Vigna sinensis
*Vigna unguiculata***PHOMA EXIGUA VAR. DISPERSISPORA***Phaseolus vulgaris***PHOMA GLOMERATA***Coffea arabica*
*Oryza sativa***PHOMA HENNINGSII***Acacia mearnsii***PHOMA HERBARUM***Lagenaria siceraria***PHOMA INSIDIOSA***Sorghum bicolor***PHOMA JOLYANA***Musa sapientum***PHOMA LINICOLA***Linum usitatissimum***PHOMA MEDICAGINIS***Annona reticulata***PHOMA OLERACEA VAR. HELIANTHI-TUBEROSI***Helianthus annuus***PHOMA SORGHINA***Musa sapientum***PHOMA SP.***Amaranthus tricolor*
Carica papaya
Chenopodium sp.
Coffea arabica
Entolasia imbricata
Gossypium hirsutum
Lycopersicon esculentum
*Tarhonanthus camphoratus***PHOMA TENELLA***Cupressus benthamii***PHOMA VITICIS***Vitex keniensis***PHOMOPSIS ARAUCARIAE***Araucaria angustifolia***PHOMOPSIS BOUGAINVILLEAE***Bougainvillea* sp.**PHOMOPSIS CARICAE-PAPAYAE***Carica papaya***PHOMOPSIS COCOINA***Cocos nucifera***PHOMOPSIS COFFEAEE***Coffea* sp.**PHOMOPSIS CONORUM***Pinus radiata***PHOMOPSIS ERIOBOTRYAE***Eriobotrya japonica***PHOMOPSIS IPOMOEAE-BATATAS***Ipomoea batatas*
Ipomoea spp.**PHOMOPSIS JUNIPERIVORA***Cupressus benthamii*
*Cupressus macrocarpa***PHOMOPSIS LAVATERAE***Gossypium hirsutum*
*Hibiscus diversifolius***PHOMOPSIS LOBELIAE***Lobelia* sp.**PHOMOPSIS PERNICIOSA***Malus sylvestris***PHOMOPSIS SP.***Anacardium occidentale*
Camellia sinensis
Cassia siamea
Coffea arabica
*Cupressus benthamii**Erythrococca bongensis**Linum usitatissimum*
Manihot esculenta
Passiflora edulis
Rosa sp.**PHOMOPSIS THEAE***Camellia sinensis***PHOMOPSIS TULASNEI***Solanum* sp.**PHOMOPSIS VEXANS***Solanum melongena***PHRAGMIDIUM MUCRONATUM***Rosa damascena***PHRAGMIDIUM SUBCORTICIUM***Rosa* sp.**PHRAGMIDIUM TUBERCULATUM***Rosa* sp.**PHYLLACHORA AFZELIAE***Afzelia quanzensis***PHYLLACHORA ASSIMILIS***Andropogon* sp.**PHYLLACHORA BONARIENSIS***Brachiaria brizantha*
Pennisetum schimperii
*Setaria sphacelata***PHYLLACHORA CYNODONTIS***Chloris myriostachya*
Chloris pycnothrix
Cynodon plectostachyus
*Cynodon transvaalensis***PHYLLACHORA CYPERINA***Cyperus* sp.**PHYLLACHORA DIGITARIAE***Digitaria scalarum*
*Digitaria velutina***PHYLLACHORA DOMBEYAE***Dombeya burgessiae***PHYLLACHORA ELEUSINES***Eleusine coracana*
Eleusine jaegeri
*Eragrostis braunii***PHYLLACHORA FICNUM***Ficus natalensis***PHYLLACHORA FICUUM***Ageratum conyzoides*

- Ficus carica*
Ficus hochstetteri
Ficus vogelii
- PHYLLACHORA HETEROSPORA**
Urochloa trichopus
- PHYLLACHORA ISCHAEMI**
Dichanthium papillosum
- PHYLLACHORA MILLETIAE**
Millettia dura
- PHYLLACHORA MINUTISSIMA**
Pennisetum mezianum
- PHYLLACHORA PASPALICOLA**
Digitaria sp.
- PHYLLACHORA PERMUTATA**
Arundinaria alpina
- PHYLLACHORA SETARIICOLA**
Brachiaria distachya
Panicum maximum
Setaria plicatillis
- PHYLLACHORA SP.**
Achyranthes aspera
Bersama sp.
Digitaria eriantha var. stolonifera
Ficus thonningii
Garcinia livingstonei
Setaria sphacelata
- PHYLLACHORA TRICHOLAENAE**
Rhynchelytrum repens
- PHYLOPSORA CONFUSA**
Forest litter
- PHYLLOSTICTA CYMBOPOGONIS**
Cymbopogon sp.
- PHYLLOSTICTA HEALDII**
Pennisetum purpureum
- PHYLLOSTICTA PYRINA**
Malus sylvestris
- PHYLLOSTICTA RAGATENSIS**
Vitex keniensis
- PHYLLOSTICTA RICINI**
Ricinus communis
- PHYLLOSTICTA SP.**
Calodendrum capense
Camellia sinensis
Digitaria velutina
Hibiscus diversifolius
- Murdannia simplex*
Pinus radiata
Prunus africana
Saccharum officinarum
Setaria sphacelata
Solanum incanum
- PHYLLOSTICTA SYCOPHILA**
Flacourtia indica
- PHYLLOSTICTA ZEAE**
Zea mays
- PHYSALOSPORA CYDONIAE**
Malus sylvestris
Pyrus communis
- PHYSALOSPORA SP.**
Phormium tenax
- PHYSARUM CINEREUM**
Coffea arabica
- PHYSODERMA MAYDIS**
Zea mays
- PHYSOPELLA AFRICANA**
Brachiaria brizantha
Brachiaria ruziziensis
- PHYTOPHTHORA CACTORUM**
Antirrhinum orontium
- PHYTOPHTHORA CINNAMOMI**
Cinchona sp.
- PHYTOPHTHORA CITROPHTHORA**
Cinchona ledgeriana
- PHYTOPHTHORA INFESTANS**
Lycopersicon esculentum
Solanum incanum
Solanum tuberosum
- PHYTOPHTHORA PARASITICA**
Lycopersicon esculentum
- PITHOMYCES CHARTARUM**
Bidens pilosa
Camellia sinensis
Pinus patula
Saccharum officinarum
- PITHOMYCES SP.**
Araucaria cunninghamii
- PLASMOPARA HALSTEDII**
Cineraria grandiflora
Helianthus annuus
- PLASMOPARA VITICOLA**
Vitis vinifera
- PLASMOPARA WILDEMANIANA**
Asystasia schimperi
- PLEOSPORA HERBARUM**
Asparagus officinalis
Symphytum peregrinum
- PLEOSPORA SCIRRHOIDES**
Saccharum officinarum
- PLEUROTUS HYGROPHANUS**
Timber (converted)
Wood, forest debris and litter
- PLEUROTUS SAJOR-CAJU**
Ground and soil
- PLEUROTUS TUBER-REIZIUM**
Ground and soil
- PODAXON LOANDENSIS**
Ground and soil
- PODOSCYPHA ELEGANS**
Wood, forest debris and litter
- PODOSCYPHA FULVONITENS VAR. SIMULANS**
Wood, forest debris and litter
- PODOSPHAERA LEUCOTRICHA**
Malus sylvestris
- PODOSPORA AUSTRAL-AMERICANA**
Hyrax dung
- PODOSPORA CURVISPIORA**
Hyrax dung
- PODOSPORA DEROPODALIS**
Cow dung
- PODOSPORA MULTISPORA**
Cow dung
- PODOSPORA PAPILLATA**
Zebra
- PODOSPORA PAUCISETA**
Cow dung
- PODOSPORA PRETHOPODALIS**
Zebra
- PODOSPORA SETOSA**
Duiker dung

- PODOSPORA SPINULOSA**
Cow dung
- POLYPORUS ARCULARIUS**
Timber (converted)
Wood, forest debris and litter
- POLYPORUS BADIUS**
Wood, forest debris and litter
- POLYPORUS BICOLOR**
Wood, forest debris and litter
- POLYPORUS CAESIUS**
Podocarpus milanjianus
- POLYPORUS CONJUNCTUS**
Wood, forest debris and litter
- POLYPORUS DURUS**
Wood, forest debris and litter
- POLYPORUS GILVUS**
Wood, forest debris and litter
- POLYPORUS HENNINGSII**
Wood, forest debris and litter
- POLYPORUS NIVICOLOR**
Cupressus benthamii
- POLYPORUS TENUICULUS**
Cupressus sp.
Grevillea robusta
Wood, forest debris and litter
- POLYPORUS WEDDELLII**
Wood, forest debris and litter
- POLYSTICTUS ARATUS**
Wood, forest debris and litter
- POLYSTICTUS BYRSINUS**
Wood, forest debris and litter
- POLYSTICTUS CAPERATUS**
Wood, forest debris and litter
- POLYSTICTUS CHRYSITES**
Wood, forest debris and litter
- POLYSTICTUS CONCINNUS**
Wood, forest debris and litter
- POLYSTICTUS COTONEUS**
Wood, forest debris and litter
- POLYSTICTUS ELONGATUS**
Wood, forest debris and litter
- POLYSTICTUS FLOCCOSUS**
Wood, forest debris and litter
- POLYSTICTUS FULVOCINEREUS**
Timber (converted)
- POLYSTICTUS FUNALIS**
Wood, forest debris and litter
- POLYSTICTUS INCOMPTUS**
Wood, forest debris and litter
- POLYSTICTUS LUTEO-OLIVACEUS**
Wood, forest debris and litter
- POLYSTICTUS OBSTINATUS**
Wood, forest debris and litter
- POLYSTICTUS OCCIDENTALIS**
Coffea arabica
- POLYSTICTUS PROTEUS**
Timber (converted)
- POLYSTICTUS RIGENS**
Wood, forest debris and litter
- POLYSTICTUS SP.**
Wood, forest debris and litter
- POLYSTICTUS VELUTINUS**
Wood, forest debris and litter
- POLYSTICTUS VERSATILIS**
Wood, forest debris and litter
- POLYSTICTUS XANTHOPUS**
Timber (converted)
Wood, forest debris and litter
- POLYSTIGMINA SP.**
Albizia coriaria
- POLYSTOMELLA SALVADORAE**
Salvadora persica
- PORIA HYPOBRUNNEA**
Araucaria angustifolia
Cupressus benthamii
Pinus radiata
Prunus africana
- PORIA REVOLUTUS**
Cupressus sp.
- PORIA SP.**
Sesbania sp.
- PORIA SUBBAMBIGUA**
Acrocarpus fraxinifolius
- PROTOMYCES SP.**
Galinsoga parviflora
- PSATHYRELLA ATRO-UMBONATA**
Ground and soil
- PSATHYRELLA SP.**
Cocos nucifera
- PSEUDOCERCOSPORA ABELMOSCHI**
Hibiscus esculentus
- PSEUDOCERCOSPORA ANACARDII**
Anacardium occidentale
- PSEUDOCERCOSPORA**
ATROMARGINALIS
Solanum nigrum
- PSEUDOCERCOSPORA CLUYTIAE**
Clusia abyssinica
- PSEUDOCERCOSPORA DOVYALIDIS**
Trimeria tropica
- PSEUDOCERCOSPORA HETEROMALLA**
Rubus stuedneri
- PSEUDOCERCOSPORA PUNICAE**
Punica granatum
- PSEUDOCERCOSPORA RANJITA**
Gmelina arborea
- PSEUDOCERCOSPORA RHOICISSI**
Rhoicissus erythrodes
- PSEUDOCERCOSPORA SP.**
Lagenaria siceraria
- PSEUDOCERCOSPORA WITHANIAE**
Withania somnifera
- PSEUDOCERCOSPORELLA CAPSELLAE**
Brassica napus
Brassica oleracea
- PSEUDOCERCOSPORELLA DIOSCOREAE**
Dioscorea sp.
- PSEUDOCERCOSPORELLA PAVONIAE**
Pavonia urens var. schimperiana
- PSEUDOPERONOSPORA CUBENSIS**
Cucumis melo
Cucumis sativus
- PSEUDOPEZIZA MEDICAGINIS**
Medicago sativa

PSILOCYBE MERDARIA
Ground and soil

Puccinia abutili
Abutilon longecuspe
Abutilon mauritiana

Puccinia aecidiiformis
Nidorella sp.

Puccinia africana
Spilanthes mauritiana

Puccinia aliena
Alchemilla sp.

Puccinia allii
Allium cepa
Allium sativum

Puccinia andropogonicola
Hyparrhenia diplandra

Puccinia anthemidis
Matricaria chamomilla

Puccinia antirrhini
Antirrhinum orontium

Puccinia arachidis
Arachis hypogaea

Puccinia aristidae
Aristida adscensionis

Puccinia arundinellae-setosae
Sporobolus pyramidalis

Puccinia asparagi
Asparagus officinalis

Puccinia atropae
Withania somnifera

Puccinia aurata
Conyza pyrrophappa
Microglossa pyrifolia
Vernonia sp.

Puccinia calcitrapae var. centaureae
Carthamus tinctorius

Puccinia cenchri
Cenchrus mitis

Puccinia cenchri var. africana
Cenchrus ciliaris

Puccinia cesatii
Capillipedium parviflorum
Sorghum caudatum

Puccinia chloridis
Chloris gayana
Chloris pycnothrix

Puccinia cissi
Cissus sp.

Puccinia cnici-oleracei
Carduus kikuyorum

Puccinia colletiana
Rubia cordifolia

Puccinia conclusa
Cyperus rotundus

Puccinia coronata
Avena sativa
Lolium perrene

Puccinia cucumeris
Coccinia grandis

Puccinia cyathulicola var. kenyensis
Cyathula mannii
Cyathula polycephala
Cyathula uncinulata

Puccinia cybopogonis
Cymbopogon citratus
Cymbopogon sp.

Puccinia cynodontis
Cynodon plectostachyus
Cynodon transvaalensis

Puccinia dehiscens
Aristea alata

Puccinia dichondrae
Dichondra repens

Puccinia difformis
Galium aparine
Galium spurium var. echinospermum

Puccinia digitariae-vestitae
Digitaria scalarum
Digitaria velutina

Puccinia dombeyae
Dombeya burgessiae

Puccinia duthiae
Bothriochloa insculpta

Puccinia eragrostidis
Eragrostis macilentia

Puccinia erianthi
Saccharum officinarum

Puccinia erlangeae
Erlangea tomentosa

Puccinia erythraeensis
Andropogon schinizzii
Hyparrhenia dissoluta
Hyparrhenia filipendula
Hyparrhenia hirta
Hyparrhenia lintonii
Hyparrhenia rufa
Hyparrhenia schimperii

Puccinia exhauriens
Jasaminum fluminense
Jasminum somaliense

Puccinia exilis
Kosteletzkya adoensis

Puccinia exilis var. hibisci
Hibiscus calyphyllus

Puccinia flavovirens
Cyperus sp.

Puccinia gerberae
Gerbera jamesonii

Puccinia graminis
Avena sativa
Dactylis glomerata
Festuca pratensis
Hordeum vulgare
Lolium perrene
Lolium temulentum
Secale cereale
Triticum aestivum

Puccinia graminis f.sp. avenae
Agrostis producta
Dactylis glomerata

Puccinia graminis f.sp. secalis
Lolium multiflorum

Puccinia granularis
Geranium sp.
Pelargonium fischeri
Pelargonium sp.

Puccinia guizotiae
Guizotia scabra

Puccinia haematites
Caucanthus auriculata

PUCCINIA HELIANTHI
Helianthus annuus

PUCCINIA HENNOPSIANA
Mariscus hemisphaericus

PUCCINIA HETEROSPORA
Sida rhombifolia

PUCCINIA HOLOSERICEA
Ipomoea sp.

PUCCINIA HORDEI
Hordeum vulgare

PUCCINIA ISOGLOSSAE
Hypoestis sp.

PUCCINIA KAKAMARIENSIS
Sporobolus fimbriatus var. latifolius

PUCCINIA KENIENSIS
Hypericum lanceolatum

PUCCINIA KENYANA
Vernonia cistifolia

PUCCINIA LEONOTIDICOLA
Leonotis nepetifolia

PUCCINIA LEUCADIS
Leucas masaiensis

PUCCINIA LEVEILLEI
Geranium aculeolatum

PUCCINIA LEVIS
Rhynchelytrum repens

PUCCINIA LIPPICOLA
Lippia javanica

PUCCINIA LOLIINA
Lolium perrene

PUCCINIA LOUDETIAE
Loudetia arundinacea

PUCCINIA MALVACEARUM
Althaea rosea
Malva verticillata
Pavonia urens var. schimperiana

PUCCINIA MELOTHRIICOLA
Melothria tomentosa

PUCCINIA MENTHAE
Labiata (unidentified)
Mentha arvensis var. piperescens
Mentha x piperata

PUCCINIA MOMORDICAE
Momordica foetida

PUCCINIA MYSORENSIS
Cyperus sp.

PUCCINIA NAKANISHIKII
Cymbopogon excavatus
Cymbopogon giganteus
Cymbopogon pospischilii

PUCCINIA OAHUENSIS
Digitaria abyssinica
Digitaria eriantha var. stolonifera
Digitaria scalarum
Digitaria sp.
Digitaria velutina

PUCCINIA OCIMI
Ocimum suave

PUCCINIA CNICI-OLERACEI
Matricaria chamomilla

PUCCINIA OXALIDIS
Oxalis latifolia

PUCCINIA PEGLERIANA
Cyperus blysmoides

PUCCINIA PELARGONII-ZONALIS
Pelargonium graveolens
Pelargonium zonale

PUCCINIA PENICILLARIAE
Cenchrus pennisetiformis
Pennisetum clandestinum

PUCCINIA PENTANISIAE
Pentania ouranogyne

PUCCINIA POLYGONI-AMPHIBII
Oxygonum atripicifolium
Polygonum convolvulus
Polygonum sp.

PUCCINIA POLYGONI-WEYRICHII
Polygonum setosulum

PUCCINIA POLYSORA
Zea mays

PUCCINIA PURPUREA
Sorghum alum
Sorghum caudatum
Sorghum sudanense

PUCCINIA RECONDITA
Secale cereale
Triticum aestivum

PUCCINIA SEMILOCOLATA
Justicia striata

PUCCINIA SORGHII
Zea mays

PUCCINIA SP.
Bromus unioloides
Hypericum lanceolatum
Hypericum roeperianum
Hypericum sp.
Justicia sp.
Polygonum setosulum
Triumfetta macrophylla

PUCCINIA STRIFORMIS
Hordeum vulgare
Triticum aestivum

PUCCINIA SUBSTRIATA VAR. INSOLITA
Setaria holstii
Setaria pallidifusca

PUCCINIA SUBSTRIATA VAR. PENICILLARIAE
Beckeropsis uniseta
Pennisetum americanum
Pennisetum squamulatum
Pennisetum stramineum
Setaria verticillata
Solanum melongena

PUCCINIA TANACETI
Chrysanthemum maximum

PUCCINIA TECLEAE
Teclea simplicifolia

PUCCINIA THUMBERGIAE-ALATAE
Thunbergia alata

PUCCINIA TRAGIAE
Tragia sp.

PUCCINIA VERNONIICOLA
Vernonia sp.

PUCCINIA VERSICOLOR
Ischaemum brachyatherum

PYCNOPORUS CINNABARINUS
Timber (converted)

PYCNOPORUS SANGUINEUS
Wood, forest debris and litter

PYRENOPHORA CHAETOMIODES
Avena sativa

PYRENOPHORA GRAMINEA
Hordeum vulgare

- PYRENOPHORA TERES**
Hordeum vulgare
- PYRENOPHORA TRITICI-REPENTIS**
Triticum aestivum
- PYRICULARIA ORYZAE**
Oryza sativa
- PYRICULARIA ORYZAE VAR. COMMELINAE**
Commelina benghalensis
- PYRICULARIA SP.**
Eleusine coracana
- PYROFOMES DEMIDOFFII**
Juniperus procera
- PYTHIUM ACANTHICUM**
Passiflora edulis
- PYTHIUM APHANIDERMATUM**
Agave sisalana
Carica papaya
- PYTHIUM HYDNOSPORUM**
Medicago sativa
- PYTHIUM SP.**
Chrysanthemum cinerariifolium
Fuchsia sp.
Glycine max
Raphanus sativus
- PYTHIUM ULTIMUM**
Pinus patula
Solanum tuberosum
- RAMALINA CELASTRI**
Prunus allagheniensis
- RAMULARIA BELLUNENSIS**
Chrysanthemum cinerariifolium
- RAMULARIA GOSSYPYII**
Gossypium hirsutum
- RAMULARIA RUBELLA**
Rumex sp.
- RAMULARIA SP.**
Ajuga remota
Canavalia maritima
Coccinia grandis
Ipomoea sp.
Vigna sp.
- RAMULISPORA SP.**
Cenchrus ciliaris
Cynodon plectostachyus
- RAVENELIA EVANSII**
Acacia gerrardii subsp. *calophylla*
Acacia sp.
- RAVENELIA MINIMA**
Albizia coriaria
- RAVENELIA VOLKENSII**
Acacia abyssinica
Acacia sp.
- RHEXOTHECIUM GLOBOSUM**
Ground and soil
- RHIZOCTONIA LAMELLIFERA**
Acacia melanoxylon
Coffea arabica
- RHIZOCTONIA SOLANI**
Cicer arietinum
Daucus carota
Impatiens sp.
- RHIZOCTONIA SP.**
Arachis hypogaea
Chamaemelum nobile
Phaseolus sp.
- RHIZOPOGON SP.**
Ground and soil
Pinus radiata
- RHIZOPUS ARRHZIZUS**
Arachis hypogaea
- RHIZOPUS SP.**
Cinchona sp.
- RHIZOPUS STOLONIFER**
Artocarpus integrifolius
Chrysanthemum cinerariifolium
Mangifera indica
Musa sapientum
Passiflora sp.
- RHODOTORULA GLUTINIS VAR. GLUTINIS**
Ground and soil
- RHYNCHOSPHAERIA CUPRESSI**
Juniperus procera
- RHYNCHOSPORIUM ALISMATIS**
Alisma plantago-aquatica
- RHYNCHOSPORIUM SECALIS**
Hordeum vulgare
- ROSELLINIA ARCUATA**
Camellia sinensis
- ROSELLINIA NECATRIX**
Fragaria vesca
Malus sylvestris
Medicago sativa
Pinus patula
Pyrus communis
Rubus sp.
- ROSELLINIA SP.**
Coffea arabica
- SARCOSCYPHA COCCINEA VAR. JURANA**
Wood, forest debris and litter
- SARCOXYLON AURANTIACUM**
Wood, forest debris and litter
- SAREA RESINAE**
Cupressus macrocarpa
- SAROCLADIUM ORYZAE**
Oryza sativa
- SCHIZOPHYLLUM COMMUNE**
Pinus radiata
Wood, forest debris and litter
- SCHIZOTHECIUM CURVISPORUM**
Hyrax dung
- SCLEROPHOMA MALI**
Malus sylvestris
Pyrus communis
- SCLEROPHOMA PYTHIOPHILA**
Cupressus benthamii
- SCLEROSPORA GRAMINICOLA**
Pennisetum americanum
- SCLEROTINIA DRAYTONII**
Gladiolus sp.
- SCLEROTINIA MINOR**
Chrysanthemum cinerariifolium
Dimorphotheca
Helianthus annuus
Linaria sp.
- SCLEROTINIA SCLEROTIORUM**
Chrysanthemum cinerariifolium
Helianthus annuus
Hibiscus cannabinus
Lactuca sativa
Molucella laevis
Penstemon sp.
Phaseolus radiatus
Phaseolus vulgaris
Tithonia diversifolia

SCLEROTINIA SP.*Chrysanthemum cinerariifolium***SCLEROTIUM ROLFSII***Arachis hypogaea*
Cicer arietinum
Coffea arabica
Scabiosa sp.
*Solanum tuberosum***SEPTOBASIDIUM SP.***Ceanothus hybridus***SEPTONEMA SP.***Pemphis acidula***SEPTORIA ACHYRANTHIS***Achyranthes aspera***SEPTORIA APICOLA***Apium graveolens***SEPTORIA CHRYSANTHEMI***Chrysanthemum maximum***SEPTORIA CROTONIS***Croton macrostachyus***SEPTORIA CUCURBITACEARUM***Cucurbita pepo***SEPTORIA DIANTHI***Dianthus caryophyllus***SEPTORIA DICHROCEPHALAE***Dichrocephala integrifolia***SEPTORIA DRUMMONDII***Phlox* sp.**SEPTORIA EBULI***Sambucus africana***SEPTORIA ERYNGICOLA***Eryngium* sp.**SEPTORIA GALINSOGAE***Galinsoga parviflora***SEPTORIA GERANII***Pelargonium graveolens***SEPTORIA GERBERAE***Gerbera jamesonii***SEPTORIA GLADIOLI***Gladiolus* sp.**SEPTORIA HELIANTHI***Helianthus annuus***SEPTORIA JUSSIAEAE***Ludwigia abyssinica***SEPTORIA LABLABINA***Clitoria ternatea*
*Lablab purpureus***SEPTORIA LACTUCAE***Lactuca capensis*
*Lactuca sativa***SEPTORIA LINICOLA***Linum usitatissimum***SEPTORIA LYCOPERSICI***Lycopersicon esculentum***SEPTORIA MELANOPSIS***Vitis vinifera***SEPTORIA MELIAE***Melia azedarach***SEPTORIA PASSIFLORAE***Passiflora edulis***SEPTORIA PETROSELINI***Petroselinum hortense***SEPTORIA PISI***Pisum sativum***SEPTORIA RUBI***Rubus idaeus*
Rubus sp.**SEPTORIA SENEACIONIS***Senecio moorei***SEPTORIA SILENICOLA***Silene gallica***SEPTORIA SONCHIFOLIA***Sonchus asper*
*Sonchus oleraceus***SEPTORIA SP.***Blumea alata*
Coleus sp.
Crassocephalum crepidioides
Crassocephalum rubens
Crassocephalum sp.
Crotalaria sp.
Erlangea sp.
Heraclium abyssinicum
Kniphofia sp.
Lobelia keniensis
Lysimachia ruhmeriana
Mentha sp.
Ocotea usambarensis
*Pelargonium graveolens**Rumex* sp.*Saccharum officinarum*
*Vigna unguiculata***SEPTORIA STELLARIAE***Stellaria media*
*Stellaria senii***SEPTORIA VIGNAE***Vigna unguiculata***SEPTORIELLA SEPTOSPORA***Pinus radiata***SETOSPHERIA PROLATA***Triticum aestivum***SETOSPHERIA ROSTRATA***Asparagus setaceus*
Citrullus lanatus
*Cucumis sativus***SETOSPHERIA TURCICA***Sorghum caudatum*
Sorghum sudanense
*Zea mays***SORDARIA DESTRUENS***Chrysanthemum cinerariifolium***SORDARIA HUMANA**Buffalo dung
Unidentified dung**SOROSPORIUM HOLSTII***Themeda triandra***SOROSPORIUM PENNISETI***Cenchrus ciliaris***SPEGAZZINIA TESSARTHRA***Lycopersicon esculentum***SPHACELIA AMARANTICIDA***Amaranthus* sp.
*Amaranthus tricolor***SPHACELIA SP.***Echinochloa pyramidalis*
Melinis minutiflora
Panicum sp.**SPHACELOMA SP.***Maesa lanceolata***SPHACELOTHECA CRUENTA***Sorghum caudatum*
*Sorghum sudanense***SPHACELOTHECA OPHIURI***Rottboellia exaltata*

- SPHACELOTHECA REILIANA**
Sorghum caudatum
Zea mays
- SPHACELOTHECA SORGHI**
Sorghum caudatum
Sorghum sudanense
- SPHACELOTHECA THEMEDAE**
Themeda triandra
- SPHAEROPHRAGMIUM SP.**
Albizia coriaria
- SPHAEROPSIS SAPINEA**
Pinus radiata
Wood, forest debris and litter
- SPHAEROPSIS SP.**
Cupressus sempervirens var. stricta
Pinus patula
- SPHAEROTHECA PANNOSA**
Prunus persica
Rosa sp.
- SPONGOSPORA SUBTERRANEA**
Solanum tuberosum
- SPORORMIA FIMETARIA**
Cow dung
- SPORORMIA FIMICOLA**
Cow dung
- SPORORMIELLA AUSTRALIS**
Cow dung
- SPORORMIELLA CAPYBARAE**
Cow dung
- SPORORMIELLA DUBIA**
Cow dung
- SPORORMIELLA HERCULEA**
Cow dung
- SPORORMIELLA INTERMEDIA**
Cow dung
- SPORORMIELLA ISOMERA**
Elephant dung
- SPORORMIELLA KANSENSIS**
Cow dung
- SPORORMIELLA LONGISPORA**
Cow dung
- SPORORMIELLA LONGISPOROPSIS**
Cow dung
- SPORORMIELLA MACROPULCHELLA**
Cow dung
- SPORORMIELLA MEGALOSPORA**
Cow dung
- SPORORMIELLA MINIMA**
Cow dung
- SPORORMIELLA MINIMOIDES**
Cow dung
- SPORORMIELLA MUSKOKENSIS**
Cow dung
- SPORORMIELLA OBLIQUA**
Cow dung
Rabbit
- SPORORMIELLA PILOSA**
Cow dung
- SPORORMIELLA SIMILIS**
Antelope dung
Buffalo dung
Elephant dung
Hyrax dung
Pronghorn
- SPORORMIELLA SUBTILIS**
Cow dung
- SPORORMIELLA TENUISPORA**
Cow dung
- SPORORMIELLA TERETISPORA**
Cow dung
- SPORORMIELLA TETRAMERA**
Cow dung
- STAGONOSPORA ATRIPLICIS**
Chenopodium fasciculosum subsp. muraliforme
Chenopodium opulifolium
- STAGONOSPORA SP.**
Abutilon mauritiana
Hippeastrum sp.
- STEMPHYLIOMMA SP.**
Coffea arabica
- STEMPHYLIUM LYCOPERSICI**
Chrysanthemum morifolium
- STEMPHYLIUM SP.**
Passiflora caerulea
- STEMPHYLIUM VESICARIUM**
Dianthus caryophyllus
- STENOCARPELLA MACROSPORA**
Zea mays
- STENOCARPELLA MAYDIS**
Zea mays
- STEREUM AFFINE**
Wood, forest debris and litter
- STEREUM CONCOLOR**
Wood, forest debris and litter
- STEREUM HIRSUTUM**
Pinus radiata
Teclea nobilis
Wood, forest debris and litter
- STEREUM OCHRACEO-FLAVUM**
Wood, forest debris and litter
- STEREUM OSTREA**
Wood, forest debris and litter
- STEREUM SANGUIOLENTUM**
Pinus patula
Pinus radiata
- STEREUM SCHOMBURGKII**
Wood, forest debris and litter
- STEREUM THOZETII**
Ground and soil
- STIGMINA PALMIVORA**
Phoenix reclinata
- STIGMINA SP.**
Triumfetta rhomboidea
- STIGMOCHORA ALBIZZIAE**
Albizia coriaria
- STILBUM SP.**
Coffea arabica
Prunus domestica
- STOMIOPELTIS RUBI**
Persea americana
- SUILLUS LUTEUS**
Ground and soil
- SYDOWIA POLYSPORA**
Pinus montezumae
Pinus patula
Pinus pinaster

SYNCEPHALASTRUM RACEMOSUM
Ground and soil

SYNCHYTRIUM AECIDIOIDES
Amphicarpaea africana

SYNCHYTRIUM DOLICHI
Glycine javanica
Glycine max
Vigna unguiculata
Vigna vexillata

SYNCHYTRIUM PHASEOLI
Rhynchosia elegans

SYSPASTOSPORA PARASITICA
Cephalosporium sp.

TAPHRINA DEFORMANS
Prunus amygdalus
Prunus persica

TARICHIUM MEGASPERMUM
Lepidopterous larva
Weevil (unidentified)

TERMITOMYCES ALBUMINOSUS
Termite hill

TERMITOMYCES EURHIZUS
Termite hill

TERMITOMYCES GLOBULUS
Termite hill

TERMITOMYCES MICROCARPUS
Termite hill

TETRAPLOA ARISTATA
Cynodon plectostachyus

THAMNIDIUM SIMPLEX
Wood, forest debris and litter

THANATEPHORUS CUCUMERIS
Araucaria cunninghamii
Coffea arabica
Fragaria vesca
Helianthus tuberosus
Impatiens sp.
Lycopersicon esculentum
Phaseolus vulgaris
Solanum tuberosum

THELEBOLUS CRUSTACEUS
Unidentified carnivore

THELEPHORA TERRESTRIS
Pinus patula
Wood, forest debris and litter

THIELAVIA TERRICOLA
Ground and soil

TILLETIA AYRESII
Panicum maximum

TILLETIA ECHINOSPERMA
Setaria longiseta
Setaria sphacelata
Setaria splendida
Setaria trinervia

TILLETIA LAEVIS
Triticum aestivum

TILLETIA SP.
Entolasia imbricata
Eragrostis caespitosa

TILLETIA VITTATA
Oplismenus compositus

TITAEA SP.
Galium spurium L. var.
echinospermum

TOLYPOSPORIUM PENICILLARIAE
Pennisetum americanum

TORULA LIGNIPERDA
Cupressus benthamii

TORULA SP.
Raphia farinifera

TRACHYSPORA INTRUSA
Alchemilla sp.

TRAMETES ACUPUNCTATA
Acacia melanoxylon
Wood, forest debris and litter

TRAMETES ANGULATA
Timber (converted)

TRAMETES CINGULATA
Timber (converted)
Wood, forest debris and litter

TRAMETES FLOCCOSA
Wood, forest debris and litter

TRAMETES HIRSUTA
Wood, forest debris and litter

TRAMETES INCERTA
Wood, forest debris and litter

TRAMETES MEYENII
Acacia melanoxylon
Wood, forest debris and litter

TRAMETES PALEACEA
Wood, forest debris and litter

TRAMETES SOCOTRANA
Timber (converted)
Wood, forest debris and litter

TRAMETES SPRUCEI
Wood, forest debris and litter

TRAMETES VERSICOLOR
Cupressus benthamii
Timber (converted)
Wood, forest debris and litter

TRANZSCHELLIA PRUNI-SPINOSAE
Prunus amygdalus
Prunus armeniaca
Prunus domestica
Prunus persica

TREMELLA MESENERICA
Wood, forest debris and litter

TRICHODERMA HARZIANUM
Coffea arabica
Ground and soil

TRICHODERMA KONINGII
Ground and soil

TRICHODERMA VIRIDE
Acacia mearnsii
Camellia sinensis
Jacaranda mimosifolia
Malus sylvestris
Pinus radiata

TRICHOLOMA PRATENSE
Ground and soil

TRICHOTHECIUM ROSEUM
Pinus taeda

TRIPOSPERMUM GARDNERI
Coffea arabica

TRIPOSPERMUM SP.
Cyperus maranguensis

TUBERCULINA PERSICINA
Wedelia menotriche

TYROMYCES CAESIUS
Cupressus benthamii
Wood, forest debris and litter

ULOCADIUM CHARTARUM
Dianthus caryophyllus

UNCINULA ASPERA
Ficus hochstetteri

UNCINULA NECATOR
Vitis sp.
Vitis vinifera

URAECIUM MAGNISPORUM
Croton megalocarpus

UREDINOPSIS PTERIDIS
Pteridium aquilinum

UREDO BEHNICKIANA
Laeliocattleya sp.

UREDO CAJANI
Cajanus cajan

UREDO CYPERICOLA
Cyperus exaltus

UREDO DIOSCOREAE
Dioscorea sp.

UREDO DOVYALIDIS
Dovyalis abyssinica

UREDO EUPHORBIAE-ENGLERI
Euphorbia heterophylla

UREDO SCHEFFLERI
Capparis sp.

UREDO SCIRPI-CORYMBOSI
Scirpus corymbosus

UREDO SP.
Arctotis grandis
Arrabidaea magnifica
Cyperus maranguensis
Euphorbia engleri
Haplocarpha schimperii
Momordica schimperiana
Piper capense
Terminalia brownii
Vernonia pauciflora
Wedelia menotriche

UREDO ZEHNERIAE
Zehneria scabra

UROMYCES ALBUCAE
Albuca wakefieldii

UROMYCES ALOES
Aloe sp.

UROMYCES APPENDICULATUS
Phaseolus vulgaris
Vicia faba

Vigna radiata

UROMYCES BETAE
Beta vulgaris

UROMYCES BIDENTICOLA
Bidens pilosa

UROMYCES CICERIS-ARIETINI
Cicer arietinum

UROMYCES CLUYTIAE
Clutia mollis

UROMYCES COMMELINAE
Commelina benghalensis

UROMYCES DACTYLOCTENII
Dactyloctenium aegyptium

UROMYCES DIANTHI
Dianthus barbatus
Dianthus caryophyllus

UROMYCES DOLICHOLI
Rhynchosia elegans

UROMYCES ECKLONII
Freesia refracta

UROMYCES ELEGANS
Trifolium burchellianum var. *johnstonii*
Trifolium semipilosum

UROMYCES ERAGROSTIDIS
Coelochyrum yemenica
Eragrostis caespitosa
Eragrostis heteromera
Eragrostis papposa
Eragrostis tenuifolia

UROMYCES GERANII
Geranium aculeolatum

UROMYCES GLADIOLI
Gladiolus psittacinus

UROMYCES HARMSIANUS
Crotalaria sp.

UROMYCES HOBSONII
Jasminum floribundum
Jasminum officinale
Jasminum sp.

UROMYCES IPOMOEAE
Ipomoea sp.

UROMYCES IXIAE
Gladiolus callianthus

UROMYCES KENYENSIS
Chloris gayana
Chloris myriostachya

UROMYCES LEPTOCHLOAE
Leptochloa obtusiflora

UROMYCES LEPTODERMUS
Setaria pallidifusca
Setaria verticillata
Urochloa trichopus

UROMYCES LINEARIS
Panicum coloratum

UROMYCES MAIREANUS
Ornithogalum sp.

UROMYCES MELANTHERAE
Melanthera scandens subsp.
madagascariensis

UROMYCES ORIENTALIS
Indigofera sp.

UROMYCES PARADOXUS
Commiphora zimmermannii

UROMYCES PEGLERAE
Digitaria gazensis

UROMYCES PUNCTATUS
Astragalus abyssinicus

UROMYCES PUSTULATUS
Bauhinia fassoglensis

UROMYCES RENOVATUS
Lupinus albus
Lupinus termis

UROMYCES SETARIAE-ITALICAE
Brachiaria brizantha
Brachiaria dictyoneura
Brachiaria erucaeformis
Eriochloa meyeriana
Panicum maximum

UROMYCES SNOWDENIAE
Snowdenia polystachya

UROMYCES STRIATUS
Medicago sativa

UROMYCES TENUICUTIS
Sporobolus pyramidalis

UROMYCES TRANSVERSALIS
Gladiolus sp.

UROMYCES VICIAE-FABAE

Phaseolus vulgaris
Vicia faba

UROMYCES WEDELIAE

Thalictrum rhynchocarpum

USTILAGINOIDEA VIRENS

Brachiaria brizantha

USTILAGO AVENAE

Avena sativa

USTILAGO BULLATA

Bromus unioloides

USTILAGO CRAMERI

Setaria italica

USTILAGO CYNODONTIS

Cynodon plectostachyus
Cynodon sp.
Cynodon transvaalensis

USTILAGO GONIOSPORA

Aristida sp.

USTILAGO HITCHCOCKIANA

Cynodon transvaalensis

USTILAGO HORDEI

Hordeum vulgare

USTILAGO NUDA

Hordeum vulgare
Triticum aestivum

**USTILAGO SCITAMINEA VAR.
SCITAMINEA**

Saccharum officinarum

USTILAGO SP.

Dactyloctenium sp.
Schmidtia bulbosa

USTILAGO SYNTHESISMAE

Digitaria sp.
Digitaria velutina

USTILAGO UTRICULOSA

Polygonum senegalense
Polygonum sp.

USTILAGO ZEAЕ

Zea mays

USTULINA DEUSTA

Pyrus communis

VENTURIA CARPOPHILA

Prunus domestica

VENTURIA INAEQUALIS

Malus sylvestris

VERTICILLIUM ALBO-ATRUM

Helianthus annuus

VERTICILLIUM DAHLIAE

Aeollanthus myrianthus
Hibiscus esculentus
Solanum melongena

VERTICILLIUM SP.

Diaspidae sp.
Gossypium hirsutum

VERTICILLIUM THEOBROMAE

Musa sapientum

WESTERDYKELLA CYLINDRICA

Cow dung

XEROMPHALINA TENUIPES

Wood, forest debris and litter

XERULA RADICATA

Wood, forest debris and litter

XYLARIA ALLANTOIDEA

Wood, forest debris and litter

XYLARIA ELLISII

Wood, forest debris and litter

XYLARIA IANTHINO-VELUTINA

Afzelia quanzensis

XYLARIA NIGRIPES

Termite hill

XYLARIA SP.

Oryza sativa
Pyrus communis

XYLOBOLUS SUBPILEATUS

Wood, forest debris and litter

XYLODON VERSIPORUS

Cassipourea rotundifolia
Pinus radiata

XYLOSPHAERA SP.

Wood, forest debris and litter

index of fungi and bacteria

Bacteria

- ACIDOVORAX AVENAE SUBSP. AVENAE**
Saccharum officinarum
- ACINETOBACTER BAUMANII**
Solanum tuberosum
- AGROBACTERIUM TUMEFACIENS**
Prunus amygdalus
Prunus sp.
Pyrus communis
Rubus sp.
- ARTHROBACTER SP.**
Solanum tuberosum
- AUREOBACTERIUM SP.**
Solanum tuberosum
- BACILLUS MEGATERIUM**
Solanum tuberosum
- BACILLUS PUMILUS**
Solanum tuberosum
- BURKHOLDERIA ANDROPOGONIS**
Bougainvillea sp.
- CLAVIBACTER MICHIGANENSIS SUBSP. MICHIGANENSIS**
Lycopersicon esculentum
- CURTOBACTERIUM FLACCUMFACIENS PV. FLACCUMFACIENS**
Phaseolus lunatus
- ENTEROBACTER ASBURIAE**
Solanum tuberosum
- ENTEROBACTER INTERMEDIUS**
Solanum tuberosum
- ENTEROBACTER SP.**
Solanum tuberosum
- ERWINIA CARATOVORA SUBSP. CARATOVORA**
Helianthus annuus
- ERWINIA CAROTOVORA**
Petroselinum hortense
Solanum tuberosum
- ERWINIA CHRYSANTHEMI**
Zea mays
- ERWINIA MANGIFERAE**
Nicotiana tabacum
- KLUYVERA CRYOCRESCENS**
Solanum tuberosum
- KOCURIA KRISTINAE**
Solanum tuberosum
- PANTOEA AGGLOMERANS**
Mangifera indica
Solanum tuberosum
- PSEUDOMONAS CHLORORAPHIS**
Solanum tuberosum
- PSEUDOMONAS FLUORESCENS**
Arum sp.
Solanum tuberosum
- PSEUDOMONAS MARGINALIS**
Lactuca sativa
Solanum tuberosum
- PSEUDOMONAS SAVASTANOI PV. GLYCINAE**
Glycine max
- PSEUDOMONAS SAVASTANOI PV. PHASEOLICOLA**
Glycine wightii
Neonotonia wightii
Phaseolus sp.
Phaseolus vulgaris
- PSEUDOMONAS SP.**
Coffea arabica
Dianthus caryophyllus
- PSEUDOMONAS SYRINGAE**
Avena sativa
Glycine max
Phaseolus lunatus
Phaseolus vulgaris
Zinnia sp.
- PSEUDOMONAS SYRINGAE PV. CORONAFACIENS**
Avena sativa
- PSEUDOMONAS SYRINGAE PV. CORONOFACIENS**
Avena sativa
- PSEUDOMONAS SYRINGAE PV. DELPHINII**
Delphinium elatum
Delphinium sp.
- PSEUDOMONAS SYRINGAE PV. PISI**
Pisum sativum
- PSEUDOMONAS SYRINGAE PV. TABACI**
Nicotiana sp.
Nicotiana tabacum
- PSEUDOMONAS SYRINGAE PV. GARCAE**
Coffea arabica
- PSEUDOMONAS SYRINGAE PV. SYRINGAE**
Coffea arabica
- RALSTONIA SOLANACEARUM**
Capsicum annuum
Capsicum frutescens
Cleome monophylla
Datura stramonium
Erlangea tomentosa
Lycopersicon esculentum
Portulaca oleracea
Solanum incanum
Solanum indicum
Solanum melongena
Solanum tuberosum
- RALSTONIA SOLANACEARUM BIOVAR II**
Solanum melongena
- XANTHOMONAS ABLILINEANS**
Saccharum officinarum
- XANTHOMONAS AXONOPODIS PV. MALVACEARUM**
Gossypium hirsutum
- XANTHOMONAS AXONOPODIS PV. RICINI**
Ricinus communis
- XANTHOMONAS CAMPESTRIS**
Brassica oleracea var. bullata
Ornithogalum arabicum
- XANTHOMONAS CAMPESTRIS PV. VESICATORIA**
Lycopersicon esculentum
- XANTHOMONAS SP.**
Chrysanthemum sp.
- XANTHOMONAS TRANSLUCENS PV. TRANSLUCENS**
Hordeum vulgare
Triticum aestivum
- XANTHOMONAS TRANSLUCENS PV. UNDULOSA**
Triticum aestivum

Annex 1

**Host genera
and
families**

- Abutilon - MALVACEAE**
longecuspe; mauritiana
- Acacia - MIMOSACEAE**
abyssinica; cyclops; gerrardii subsp.
calophylla; mearnsii; melanoxylon
- Acalypha - EUPHORBIACEAE**
paniculata
- Acanthospermum - COMPOSITAE**
glabratum
- Acanthus - ACANTHACEAE**
mollis
- Achyranthes - AMARANTHACEAE**
aspera
- Acrocarpus - LEGUMINOSAE**
fraxinifolius
- Aeollanthus - LABIATAE**
myrianthus
- Afzelia - CAESALPINIACEAE**
quanzensis
- Agapanthus - LILIACEAE**
africanus
- Agave - AGAVACEAE**
sisalana
- Ageratum - COMPOSITAE**
conyzoides
- Agrostis - GRAMINEAE**
producta
- Ajuga - LABIATAE**
remota
- Albizia - MIMOSACEAE**
coriaria
- Albuca - LILIACEAE**
wakefieldii
- Alchemilla - ROSACEAE**
ellenbeckii
- Aleurites - EUPHORBIACEAE**
fordii
- Alisma - ALISMATACEAE**
plantago - aquatica
- Allium - ALLIACEAE**
cepa; sativum
- Alloteropsis - GRAMINEAE**
cimicina
- Aloe - ALOEACEAE**
- Althaea - MALVACEAE**
rosea
- Amaranthus - AMARANTHACEAE**
graecizans; hybridus; tricolor
- Amaryllis - AMARYLLIDACEAE**
- Amphicarpaea - LEGUMINOSAE**
africana
- Anacardium - ANACARDIACEAE**
occidentale
- Ananas - BROMELIACEAE**
comosus
- Andropogon - GRAMINEAE**
schinizii
- Aneilema - COMMELINACEAE**
aequinociale
- Anethum - UMBELLIFERAE**
graveolens
- Annona - ANNONACEAE**
reticulata
- Antirrhinum - SCROPHULARIACEAE**
majus; orontium
- Apium - UMBELLIFERAE**
graveolens
- Aquilegia - RANUNCULACEAE**
- Arachis - PAPILIONACEAE**
hypogaea
- Araucaria - ARAUCARIACEAE**
angustifolia; cunninghamii
- Arctotis - COMPOSITAE**
grandis
- Aristea - IRIDACEAE**
alata
- Aristida - GRAMINEAE**
adscenionis
- Armoracia - CRUCIFERAE**
rusticana
- Arrabidaea - BIGNONIACEAE**
magnifica
- Artemisia - COMPOSITAE**
- Artocarpus - MORACEAE**
integrifolius

Arum - ARACEAE

Arundinaria - GRAMINEAE
alpina

Asparagus - LILIACEAE
officinalis; setaceus

Astragalus - LEGUMINOSAE
abyssinicus

Asystasia - ACANTHACEAE
schimperii

Avena - RAMINEAE
sativa

Azalea - ERICACEAE

Basella - BASELLACEAE
rubra

Bauhinia - LEGUMINOSAE
fassoglensis

Beckeropsis - GRAMINEAE
uniseta

Begonia - BEGONIACEAE

Berberis - BERBERIDAE
holstii

Bersama - MELIANTHACEAE

Beta - CHENOPODIACEAE
vulgaris

Bidens - COMPOSITAE
pilosa

Bixa - BIXACEAE
orellana

Blumea - COMPOSITAE
alata

Boerhavia - NYCTAGINACEAE
pedunculatus

Bombax - BOMBACACEAE
rhodognaphalon

Bothriochloa - GRAMINEAE
insculpta; radicans

Bougainvillea - NYCTAGINACEAE

Brachiaria - GRAMINEAE
brizantha; dictyoneura; distachya;
erucaeformis; ruziziensis; soluta

Brassica - CRUCIFERAE
campestris var. *Sarson Prain; napus;*

oleracea; oleracea var. *acephala; oleracea*
var. *bullata; oleracea* var. *gemmifera; rapa*

Bromus - GRAMINEAE
unioloides

Caesalpinia - CAESALPINIACEAE
decapetala

Cajanus - LEGUMINOSAE
cajan

Calendula - COMPOSITAE
officinalis

Calodendrum - RUTACEAE
capense

Calotropis - ASCLEPIADACEAE
procera

Camellia - THEACEAE
sinensis

Campanula - CAMPANULACEAE

Canavalia - LEGUMINOSAE
maritima

Capillipedium - GRAMINEAE
parviflorum

Capparis - CAPPARIDACEAE

Capsella - CRUCIFERAE
bursa-pastoris

Capsicum - SOLANACEAE
annuum; frutescens

Carduus - COMPOSITAE
kikuyorum

Carica - CARICACEAE
candinamarcensis; papaya

Carthamus - COMPOSITAE
tinctorius

Cassia - LEGUMINOSAE
occidentalis; siamea.

Cassipourea - RHISOPHORACEAE
elliottii; rotundifolia

Catha - CELASTRACEAE
edulis

Catharanthus - APOCYNACEAE
roseus

Caucanthus - MALPHIGIACEAE
auriculata

- Ceanothus** - RHAMNACEAE
hybridus
- Cenchrus** - GRAMINEAE
ciliaris; mitis; pennisetiformis
- Chamaemelum** - COMPOSITAE
nobile
- Chenopodium** - CHENOPODIACEAE
album; fasciculosum subsp. *muraliforme*;
opulifolium; procerum
- Chloris** - GRAMINEAE
gayana; myriostachya; pycnothrix; virgata
- Chlorophora** - MORACEAE
excelsa
- Chlorophytum** - LILIACEAE
- Chrysanthemum** - COMPOSITAE
cinerariifolium; leucanthemum; maximum;
morifolium
- Cicer** - LEGUMINOSAE
arietinum
- Cichorium** - COMPOSITAE
intybus
- Cinchona** - RUBIACEAE
ledgeriana
- Cineraria** - COMPOSITAE
grandiflora
- Cinnamomum** - LAURACEAE
zeylanicum
- Cissus** - VITACEAE
erythrochlora
- Citrullus** - CUCURBITACEAE
lanatus
- Citrus** - RUTACEAE
aurantium; limon; sinensis; x limonia
- Clematis** - RANUNCULACEAE
hirsuta
- Cleome** - CAPPARIADACEAE
gynandra; monophylla
- Clitoria** - LEGUMINOSAE
ternatea
- Clutia** - EUPHORBIACEAE
abyssinica; mollis; richardiana
- Coccinia** - CUCURBITACEAE
grandis
- Cocos** - PALMAE
nucifera
- Coelachyrum** - GRAMINEAE
yemenica
- Coffea** - RUBIACEAE
arabica
- Coleus** - LABIATAE
- Combretum** - COMBRETACEAE
taventense
- Commelina** - COMMELINACEAE
africana; benghalensis; forskalaei
- Commiphora** - BURSERACEAE
zimmermannii
- Convolvulus** - CONVULVULACEAE
- Conyza** - COMPOSITAE
bonariensis; newii; pyrhopappa; volkenzii
- Cordia** - BORAGINACEAE
abyssinica
- Coreopsis** - COMPOSITAE
grandiflora
- Coriandrum** - UMBELLIFERAE
sativum
- Cosmos** - COMPOSITAE
- Crambe** - CRUCIFERAE
abyssinica
- Crassocephalum** - COMPOSITAE
crepidioides; rubens
- Crinum** - AMARYLLIDACEAE
kirkii
- Crotalaria** - PAPILIONACEAE
agatiflora; juncea; lebrunii
- Croton** - EUPHORBIACEAE
macrostachyus; megalocarpus
- Cryptolepis** - ASCLEPIADACEAE
hypoglauca
- Cryptostegia** - ASCLEPIADACEAE
grandiflora
- Cucumis** - CUCURBITACEAE
melo; sativus
- Cucurbita** - CUCURBITACEAE
pepo

- Cupressus - CUPRESSACEAE**
benthamii; *forbesii*; *funnebris*; *macrocarpa*;
sempervirens var. *stricta*; *torulosa*
- Cussonia - ARALIACEAE**
spicata
- Cyamopsis - PAPILIONACEAE**
tetragonoloba
- Cyathula - AMARANTHACEAE**
mannii; *polycephala*; *uncinulata*
- Cydonia - ROSACEAE**
oblonga
- Cyhostemma - VITACEAE**
- Cymbopogon - GRAMINEAE**
*citratu*s; *excavatus*; *giganteus*; *pospischilii*
- Cynara - COMPOSITAE**
scolymus
- Cynodon - GRAMINEAE**
plectostachyus; *transvaalensis*
- Cyperus - CYPERACEAE**
blysomoides; *exaltus*; *maranguensis*;
rotundus; *sieberanus*
- Cyphomandra - SOLANACEAE**
betacea
- Cytisus - LEGUMINOSAE**
proliferus
-
- Dactylis - GRAMINEAE**
glomerata
- Dactyloctenium - GRAMINEAE**
aegyptium
- Dahlia - COMPOSITAE**
- Datura - SOLANACEAE**
stramonium
- Daucus - UMBELLIFERAE**
carota
- Delonix - LEGUMINOSAE**
regia
- Delphinium - RANUNCULACEAE**
elatum
- Dianthus - CARYOPHYLLACEAE**
barbatus; *caryophyllus*
- Dichanthium - GRAMINEAE**
papillosum
- Dichondra - CONVULVULACEAE**
repens
- Dichrocephala - COMPOSITAE**
integrifolia
- Digitaria - GRAMINEAE**
abyssinica; *eriantha* var. *stolonifera*;
gazensis; *nitens*; *scalarum*; *velutina*
- Dimorphotheca - COMPOSITAE**
- Dioscorea - DIOSCOREACEAE**
sylvatica
- Diplotarix - CRUCIFERAE**
- Discopodium - SOLANACEAE**
penninervium
- Dodonaea - SAPINDACEAE**
viscosa
- Dombeya - STERCULIACEAE**
burgessiae
goetzenii
- Dovyalis - FLACOURTIACEAE**
abyssinica; *caffra*
- Dracaena - AGAVACEAE**
- Droguetia - URTICACEAE**
debilis
-
- Echinochloa - GRAMINEAE**
pyramidalis
- Eleusine - GRAMINEAE**
coracana; *jaegeri*
- Encephalartos - ZAMIACEAE**
hildebrandtii
- Ensete - MUSACEAE**
ventricosum
- Entolasia - GRAMINEAE**
imbricata
- Eragrostis - GRAMINEAE**
braunii; *caespitosa*; *heteromera*; *macilenta*;
papposa; *tenuifolia*
- Erigeron - COMPOSITAE**
floribundus
- Eriobotrya - ROSACEAE**
japonica
- Eriochloa - GRAMINEAE**
meyeriana

- Erlangea** - COMPOSITAE
cordifolia; *tomentosa*
- Erucastrum** - CRUCIFERAE
arabicum
- Eryngium** - UMBELLIFERAE
- Erythrina** - LEGUMINOSAE
abyssinica
- Erythrococca** - EUPHORBIACEAE
bongensis
- Eschscholzia** - PAPAVERACEAE
californica
- Eucalyptus** - MYRTACEAE
globulus; *grandis*; *maideni*; *microcorys*;
resinifera; *saligna*
- Euphorbia** - EUPHORBIACEAE
engleri; *fulgens*; *geniculata*; *heterophylla*;
pulcherrima
- Eustachys** - GRAMINEAE
paspaloides
- Eustoma** - GENTIANACEAE
-
- Festuca** - GRAMINEAE
pratensis
- Ficus** - MORACEAE
capensis; *carica*; *gnaphalocarpa*; *hochstetteri*;
natalensis; *thonningii*; *vogelii*
- Flacourtia** - FLACOURTIACEAE
indica
- Fragaria** - ROSACEAE
vesca
- Freesia** - IRIDACEAE
refracta
- Fuchsia** - ONAGRACEAE
-
- Galinsoga** - COMPOSITAE
parviflora
- Galium** - RUBIACEAE
spurium var. *echinospermum*; *aparine*
- Garcinia** - GUTTIFERAE
livingstonei
- Geranium** - GERANIACEAE
aculeolatum
- Gerbera** - COMPOSITAE
jamesonii
- Girardinia** - URTICACEAE
condensata
- Gladiolus** - IRIDACEAE
callianthus; *psittacinus*
- Glycine** - PAPILIONACEAE
javanica; *max*; *wightii*
- Gmelina** - VERBENACEAE
arborea
- Gossypium** - MALVACEAE
hirsutum
- Grevillea** - PROTEACEAE
robusta
- Guizotia** - COMPOSITAE
scabra
-
- Halleria** - SCROPHULARIACEAE
lucida
- Haplocarpha** - COMPOSITAE
schimperi
- Helianthus** - COMPOSITAE
annuus; *tuberosus*
- Helichrysum** - COMPOSITAE
foetidum
- Heracleum** - UMBELLIFERAE
abyssinicum
- Hibiscus** - MALVACEAE
calyphyllus; *cannabinus*; *diversifolius*;
esculentus
- Hippeastrum** - AMARYLLIDACEAE
- Hordeum** - GRAMINEAE
vulgare
- Hymenocallis** - AMARYLLIDACEAE
tubiflora
-
- Hyparrhenia** - GRAMINEAE
cymbaria; *diplandra*; *dissoluta*; *filipendula*;
hirta; *lintonii*; *rufa*; *schimperi*
- Hypericum** - GUTTIFERAE
lanceolatum; *roeperianum*
- Hypoestis** - ACANTHACEAE
-
- Impatiens** - BALSAMINACEAE
- Indigofera** - PAPILIONACEAE
swaziensis

Ipomoea - CONVULVACEAE
batatas; hildebrandtii; intrapilosa; purpurea

Iris - IRIDACEAE

Ischaemum - GRAMINEAE
brachyatherum

Isoglossa - ACANTHACEAE
lactea

Jacaranda - BIGNONIACEAE
mimosifolia

Jasaminum - OLEACEAE
fluminense

Jasminum - OLEACEAE
floribundum; officinale; somaliense

Juniperus - CUPRESSACEAE
procera

Justicia - ACANTHACEAE
flava; striata

Kniphofia - LILIACEAE

Kosteletzkya - MALVACEAE
adoensis

Lablab - PAPILIONACEAE
purpureus

Lactuca - COMPOSITAE
capensis; glandulifera; sativa

Laeliocattleya - ORCHIDACEAE

Lagenaria - CUCURBITACEAE
pattersonii; siceraria

Lathyrus - LEGUMINOSAE
odoratus

Launaea - COMPOSITAE
cornuta

Leonotis - LABIATAE
nepetifolia

Lepidium - CRUCIFERAE
bonariense; larva

Lepistemonopsis - CONVULVACEAE
volkensii

Leptochloa - GRAMINEAE
obtusiflora

Leucaena - LEGUMINOSAE
leucocephala

Leucas - LABIATAE
masaiensis; mollis

Lilium - LILIACEAE

Limonium - PLUMBAGINACEAE
sinuatum

Linaria - SCROPHULARIACEAE

Linum - LINACEAE
usitatissimum

Lippia - VERBENACEAE
carvioidora; javanica; ukambensis

Lobelia - CAMPANULACEAE
keniensis

Lolium - GRAMINEAE
multiflorum; perrene; temulentum

Loranthus - LORANTHACEAE
fischeri

Loudetia - GRAMINEAE
arundinacea

Ludwigia - ONAGRACEAE
abyssinica

Luffa - CUCURBITACEAE
aegyptiaca

Lupinus - LEGUMINOSAE
albus; mutabilis; termis

Lycopersicon - SOLANACEAE
esculentum

Lysimachia - PRIMULACEAE
rubmeriana

Macadamia - PROTEACEAE

Maesa - MYRSINACEAE
lanceolata

Maesopsis - RHAMNACEAE
eminii

Magnolia - MAGNOLIACEAE
x soulangeana

Malope - MALVACEAE

Malus - ROSACEAE
sylvestris

Malva - MALVACEAE
verticillata

- Mandevilla** - APOCYNACEAE
- Mangifera** - ANACARDIACEAE
indica
- Manihot** - EUPHORBIACEAE
esculenta
- Manilkara** - SAPOTACEAE
zapota
- Mariscus** - CYPERACEAE
hemisphaericus
- Matricaria** - COMPOSITAE
chamomilla
- Matthiola** - CRUCIFERAE
incana
- Maytenus** - CELASTRACEAE
senegalensis
- Medicago** - PAPILIONACEAE
sativa
- Melanthera** - COMPOSITAE
scandens subsp. *madagascariensis*
- Melia** - MELIACEAE
azedarach
- Melinis** - GRAMINEAE
minutiflora
- Melothria** - CUCUBITACEAE
tomentosa
- Mentha** - LABIATAE
arvensis var. *piperescens*; x *piperata*
- Microglossa** - COMPOSITAE
pyrifolia
- Mikania** - COMPOSITAE
cordata
- Millettia** - PAPILIONACEAE
dura; *usaramensis*
- Molucella** - LABIATAE
laevis
- Momordica** - CUCURBITACEAE
charantia
foetida; *schimperiana*
- Monechma** - ACANTHACEAE
debile
- Morus** - MORACEAE
- Murdannia** - COMMELINACEAE
simplex
- Musa** - MUSACEAE
nana var. *sapientum*; *sapientum*; x
paradisiaca
- Narcissus** - LILIACEAE
pseudonarcissus
- Neonotonia** - PAPILIONACEAE
wightii
- Nerium** - APOCYNACEAE
oleander
- Nicandra** - SOLANACEAE
physalodes
- Nicotiana** - SOLANACEAE
tabacum
- Nidorella** - COMPOSITAE
- Nuxia** - LONGANIACEAE
congesta
- Nymphaea** - NYMPHAEACEAE
capensis
- Ocimum** - LABIATAE
basilicum; *suave*
- Ocotea** - LAURACEAE
usambarensis
- Oenanthe** - UMBELLIFERAE
palustris
- Olea** - OLEACEAE
europaea subsp. *africana*; *hochstetteri*;
welwitschii
- Opilia** - OPILIACEAE
celtidifolia
- Oplismenus** - GRAMINEAE
compositus
- Ornithogalum** - LILIACEAE
arabicum; *ornithogalum*
- Ornithopus** - LEGUMINOSAE
sativus; *monoceros*
- Oryza** - GRAMINEAE
sativa
- Oxalis** - OXALIDACEAE
latifolia
- Oxygonum** - POLYGONACEAE
atripicipifolium
- Panicum** - GRAMINEAE
coloratum; *maximum*

- Paspalum - GRAMINEAE**
notatum
- Passiflora - PASSIFLORACEAE**
caerulea; edulis; ligularis
- Pavonia - MALVACEAE**
urens var. *schimperiana*
- Pelargonium - GERANIACEAE**
fischeri; graveolens; zonale
- Pemphis - LYTHRACEAE**
acidula
- Pennisetum - GRAMINEAE**
americanum; clandestinum; glabrum; meianum; polystachyon; purpureum; schimperii; squamulatum; stramineum; trachyphyllum
- Penstemon - SCROPHULARIACEAE**
- Pentanisia - RUBIACEAE**
ouranogyne
- Periploca - ASCLEPIADACEAE**
linearifolia
- Persea - LAURACEAE**
americana
- Petroselinum - UMBELLIFERAE**
hortense
- Phaseolus - LEGUMINOSAE**
aureus; lunatus; mungo; radiatus; vulgaris
- Phlox - POLEMONIACEAE**
- PHOENIX - PALMAE**
dactylifera; reclinata
- Phormium - AGAVACEAE**
tenax
- Phyllanthus - EUPHORBIACEAE**
odontadenius; reticulatus var. *glaber*
- Physalis - SOLANACEAE**
peruviana
- Pinus - PINACEAE**
canariensis; caribaea; contorta; elliottii; engelmannii; hondurensis; insularis; massoniana; montezumae; muricata; palustris; patula; pinaster; ponderosa; pseudostrobus var. *tenuifolia; radiata; roxburghii; taeda; torreyana*
- Piper - PIPERACEAE**
capense
- Pisum - LEGUMINOSAE**
sativum
- Plumeria - APOCYNACEAE**
alba
- Podocarpus - PODOCARPACEAE**
gracilior; milanjanus
- Polygonum - POLYGONACEAE**
convolvulus; senegalense; setosulum
- Populus - SALICACEAE**
ilicifolia
- Portulaca - PORTULACACEAE**
oleracea
- Prunus - ROSACEAE**
africana; allagheniensis; amygdalus; armeniaca; cerasoides; domestica; persica
- Psidium - MYRTACEAE**
guajava
- Psychotria - RUBIACEAE**
nairobiensis
- Pteridium - DENNSTAEDTIACEAE**
aquilinum
- Punica - PUNICACEAE**
granatum
- Pyrus - ROSACEAE**
communis
-
- Quercus - FAGACEAE**
robur
-
- Raphanus - CRUCIFERAE**
raphanistrum; sativus
- Raphia - PALMAE**
farinifera
- Rheum - POLYGONACEAE**
rhaponticum
- Rhoicissus - VITACEAE**
erythrodes
- Rhus - ANACARDIACEAE**
glaucescens; villosa
- Rhynchelytrum - GRAMINEAE**
repens
- Rhynchosia - LEGUMINOSAE**
elegans
- Richardia - RUBIACEAE**
brasiliensis

- Ricinus - EUPHORBIACEAE
communis
- Romneya - PAPAVERACEAE
coulteri
- Rosa - ROSACEAE
damascena
- Rottboellia - GRAMINEAE
exaltata
- Rubia - RUBIACEAE
cordifolia
- Rubus - ROSACEAE
idaeus; *stuedneri* var. *dictyophyllus*;
stuedneri
- Rumex - POLYGONACEAE
-
- Saccharum - GRAMINEAE
officinatum
- Saintpaulia - GESNERIACEAE
- Salvadora - SALVADORACEAE
persica
- Sambucus - CAPRIFOLIACEAE
africana
- Sansevieria - AGAVACEAE
- Scabiosa - DIPSACACEAE
- Schizolobium - CAESALIPINACEAE
parahybum
- Schmidtia - GRAMINEAE
bulbosa
- Scirpus - CYPERACEAE
corymbosus
- Secale - GRAMINEAE
cereale
- Senecio - COMPOSITAE
moorei
- Sequoia - TAXODIACEAE
sempervirens
- Sesamum - PEDALIACEAE
angolense; *indicum*
- Sesbania - LEGUMINOSAE
- Setaria - GRAMINEAE
sphaelatasplendida; *holstii*; *italica*;
longisetata; *pallidifusca*; *phleoides*; *plicatillis*;
trinervia; *verticillata*
- Sida - MALVACEAE
rhombifolia
- Silene - CARYOPHYLLACEAE
gallica
- Smilax - SMILACACEAE
anceps; *goetzeana*
- Snowdenia - GRAMINEAE
polystachya
- Solanum - SOLANACEAE
aculcatissimum; *incanum*; *indicum*;
mauritianum; *melongena*; *nigrum*; *tuberosum*
- Sonchus - COMPOSITAE
asper; *luxurians*; *oleraceus*
- Sorghum - GRAMINEAE
alum; *arundinaceum*; *bicolor*; *caudatum*;
sudanense
- Spathodea - BIGNONIACEAE
campanulata
- Spilanthes - COMPOSITAE
mauritiana
- Spinacia - CHENOPODIACEAE
oleracea
- Sporobolus - GRAMINEAE
fimbriatus var. *latifolius*; *pyramidalis*
- Sprekelia - AMARYLLIDACEAE
formosissiana
- Stapelia - ASCLEPIADACEAE
- Stellaria - CARYOPHYLLACEAE
media; *senii*
- Strelitzia - STRELITZIACEAE
reginae
- Symphytum - BORAGINACEAE
peregrinum
- Syzgium - MYRTACEAE
cumini
-
- Tagetes - COMPOSITAE
minuta
- Tarchonanthus - COMPOSITAE
camphoratus
- Teclea - RUTACEAE
nobilis; *simplicifolia*
- Tectona - VERBENACEAE
grandis

Telfairia - CUCURBITACEAE
pedata

Tephrosia - LEGUMINOSAE
candida

Teramnus - LEGUMINOSAE

Terminalia - COMBRETACEAE
brownii

Tetragonia - AIZOACEAE
tetragonoides

Thalictrum - RANUNCULACEAE
rhynchocarpum

Themeda - GRAMINEAE
triandra

Thunbergia - ACANTHACEAE
alata

Tithonia - COMPOSITAE
diversifolia

Tragia - EUPHORBIACEAE

Tridax - COMPOSITAE
procumbens

Trifolium - LEGUMINOSAE
burchellianum var. *johnstonii*; *masaiensis*;
repens var. '*giganteum*'; *rueppellianum*;
semipilosum

Trigonella - PAPILIONACEAE
foenum - grecum

Trimeria - FLACOURTIACEAE
tropica

Triticum - GRAMINEAE
aestivum

Triumfetta - TILIACEAE
macrophylla; *rhomboidea*

Tropaeolum - TROPAEOLACEAE
majus

Turraea - MELIACEAE

Urena - MALVACEAE
lobata

Urochloa - GRAMINEAE
trichopus

Vangueria - RUBIACEAE
linearisepala

Verbena - VERBENACEAE

Vernonia - COMPOSITAE
cistifolia; *duemmeri*; *pauciflora*

Vicia - LEGUMINOSAE
fabas; *sativa*

Vigna - PAPILIONACEAE
radiata; *sinensis*; *subterranea*; *unguiculata*;
vexillata

Vinca - APOCYNACEAE

Viola - VIOLACEAE

Viscum - VISCACEAE
nervosum

Vitex - VERBENACEAE
keniensis

Vitis - VITACEAE
vinifera

Wedelia - COMPOSITAE
menotriche

Withania - SOLANACEAE
somnifera

Zea - GRAMINEAE
mays

Zehneria - CURCUBITACEAE
scabra

Zinnia - GRAMINEAE
elegans; *pauciflora*

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