

A LIST OF HYPHOMYCETES (AND AGONOMYCETES) IN BURMA

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Abstract

Hyphomycetes collected in lowland central Burma are listed following a traditional taxonomic approach. Over 200 taxa in 85 genera are recorded on various substrates including 70 plant families. *Alternaria*, *Cercospora* and *Fusarium* are common fungal genera. Arecaceae, Leguminosae, Poaceae, Asteraceae, Brassicaceae, Cucurbitaceae, Euphorbiaceae, Malvaceae, and Solanaceae are common host plant families. A host index is included. A fungus-host distribution frequency table is also appended. Collections are held in Herb. IMI and UC (= LAM).

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Introduction

This article updates and integrates earlier records to present a contemporary inventory of hyphomycetes in Burma. *Sclerotium oryzae* Catt. is probably the first record of an anamorphic fungus from Burma (Butler 1918). Other records include those of Butler & Bisby (1931), Mason (1928), Rhind (1928), Rhind & Seth (1945), and Thaug (1984). Hyphomycetes total well over 400 taxa including some 200 species of *Cercospora* complex reported by Thaug (1984) from 68 plant families; these *Cercospora*-like fungi are not repeated in the current list. *Alternaria*, *Cercospora* (Thaug 1984), and *Pyricularia* spp. are pathogenic on a wide range of plants. Hyphomycetes are moulds with fertile mycelia providing asexual states or anamorphs of ascomycetes and occasionally of basidiomycetes. Fertile mycelia produce asexual (mitotic) spores (conidia) on conidiophores without the formation of sporocarps. Sterile mycelia, also referred to as agonomycetes or *mycelia sterilia*, do not produce conidia, but rather may form sterile hyphal structures such as sclerotia, which occur in genera like *Rhizoctonia* and *Sclerotium*.

Materials and Methods

Specimens studied were identified consulting CABI database (<http://www.cababstractsplus.org/dfb/index.asp>) and the references herein cited. All specimens are listed under each species. They were first examined *in situ* through a binocular dissecting microscope for gross morphological characters, and then freehand sections were prepared and examined intact or teased or squashed in water, under a binocular light microscope. Lactic acid clearing medium was used, followed by warming to remove air bubbles and to hasten clearing action. Over 10 spores were measured to obtain a median of size in range. Specimens deposited in Herb. IMI and LAM (=UC) are also included.

Herbarium acronyms are taken from the Index Herbariorum database (<http://sciweb.nybg.org/science2/IndexHerbariorum.asp>), author abbreviations for plant names from the IPNI database (http://www.ipni.org/ipni/query_ipni.html) standardised according to the Brummitt & Powell rules of 1992, and fungus names from Index Fungorum database (<http://www.indexfungorum.org/Names/Names.asp>). Names on the old records being updated and integrated are retained enclosed, within brackets with equals (=) signs in front, after the current, accepted epithets, for historic links. Vernacular names, though not

specific are sometimes descriptive; these are given when available to help deficiencies in host nomenclature.

The inventory below is alphabetical by fungal genus together with details such as hosts, collection locations, date of collection, and herbarium accession numbers. This is followed by a host index and a fungus-host distribution frequency table (Table 1).

Hyphomycetes (and Agonomycetes)

1. **Acromonium** sp. on *Thyrsostachys siamensis* (= *Bambusa siamensis*), Rangoon Zoo, 19-viii-1972 (IMI 169365b). Note: probably a new sp. because of differences in shape and size of conidia from those of known spp.
2. **Acroconidiellina arecae** (Berk. & Broome) M.B. Ellis (Anamorphic **Zeuctomorpha arecae** Sivan., P.M. Kirk & Govindu, = *Helminthosporium arecae* Berk. & Broome) on living leaves of *Areca catechu*, Sinthawt village near Yezin, Pyinmana, 14-x-1977 (IMI 217594) with hyperbiotroph **Parachionomyces acroconidiellinae** Thaug, Burma (Sivanesan 1984); *Salacca wallichiana*, Mergui, 7-v-1980 (LAM 220922e).
3. **Alternaria alternata** (Fr.) Keissl. (= *Alternaria tenuis* Nees) on *Beta vulgaris*, Vegetable Bazaar, Rangoon, 29-ii-1980 (LAM 220904a); *Calotropis gigantea*, Mandalay, 12-x-1979 (LAM 220731d); *Cassia siamea*, Mandalay, 23-v-1973 (IMI 177250); *Gossypium* sp., Patheingyi, Mandalay District, 10-vi-1973 (IMI 177239a); Semegon, 5-xii-1977 (LAM220345). Cf. *Alternaria gossypii* (Jacz.) Y. Nisik., K. Kimura & Miyaw., *A. gossypina* (Thüm.) J.C.F. Hopkins and *A. macrospora* (Sacc.) Mussat recorded on *Gossypium* spp.
4. **Alternaria bataticola** Ikata ex W. Yamam. on *Ipomoea bona-nox*, Pyinmana, 28-xii-1977 (LAM 220890b).
5. **Alternaria bauhiniae** Hansf. on *Bauhinia acuminata*, Mandalay, 28-xii-1977 (LAM220346a). Cf. *Alternaria cassiae* Jurair & A. Khan on *Bauhinia purpurea*.
6. **Alternaria brassicae** (Berk.) Sacc. (= *Alternaria macrospora* (Sacc.) Mussat) on *Brassica alba*, Indaw, 01-i-1978 (LAM 220344); *B. campestris* and *B. campestris* var. *rapa* (Vernacular = *Mon-la-oo-ah-phyu*), Amarapura (Rhind & Seth 1945); *B. oleracea* var. *botrytis*, Rangoon, 12-i-1980 (LAM 220826); *B. oleracea* var. *capitata*, Vegetable Bazaar, Rangoon, 18-xi-1979 (LAM 220739); *B. oleracea* var. *caulorapa*, Rangoon, 26-i-1980 (LAM 220818).
7. **Alternaria brassicicola** (Schwein.) Wiltshire (= *Alternaria circinans* (Berk. & M.A. Curtis) P.C. Bolle) on *Brassica oleracea*, Mandalay (Rhind & Seth 1945); Burma (Ellis 1968, 1971b).
8. **Alternaria chrysanthemi** E.G. Simmons & Crosier on *Chrysanthemum* sp., Aungban, S.S.S., 27-xii-1979 (LAM 220827).
9. **Alternaria citri** Ellis & N. Pierce on *Citrus* spp., Burma (Ellis 1971b).
10. **Alternaria crassa** (Sacc.) Rands on *Datura stramonium*, Amarapura, 24-i-1978 (LAM 220414); Mandalay, 2-x-1979 (LAM 220738).
11. **Alternaria crotalariaicola** V. Rao on *Crotalaria juncea*, Yezin, 14-i-1977 (LAM 220534).
12. **Alternaria cucumerina** (Ellis & Everh.) J.A. Elliott on *Citrullus vulgaris*, Hlegu, 14-ii-1980 (LAM 220851b); *Cucumis melo*, Hlegu, 14-ii-1980 (LAM 220850); *Lagenaria vulgaris*, Insein, 29-ix-1979 (LAM 220593c). Cf. *Ulocladium cucurbitae* (Letendre & Roum.) E.G. Simmons (= *Alternaria cucurbitae* Letendre & Roum.) on *Cucurbita melo* (?*melo*pepo) and *Alternaria alternata* ?f. sp. *cucurbitae* Vakal.
13. **Alternaria dianthi** F. Stevens & J.G. Hall on *Jasminum* sp., Mandalay, 12-x-1979 (LAM 220734b).
14. **Alternaria eichhorniae** Nag Raj & Ponnappa on *Eichhornia crassipes*, Rangoon, 14-i-1980 (LAM 220825).
15. **Alternaria ficinae** Rak. Kumar, A.N. Rai & K.M. Vyas on *Ficus* sp., Yezin campus, 28-xi-1977 (LAM 220257e).
16. **Alternaria helianthi** (Hansf.) Tubaki & Nishih. on *Helianthus annuus*, Mandalay, 11-i-1974 (IMI 181621); Myar village, Meiktila Dist., 24-xii-1979 (LAM 220816a); Burma (Anahosur 1978).

17. ***Alternaria japonica*** Yoshii on *Raphanus sativus*, Aungban, S.S.S., 27-xii-1979 (LAM 220823). Cf. *Alternaria raphani* J.W.Groves & Skolko on the same host species.
18. ***Alternaria longissima*** Deighton & MacGarvie on *Imperata cylindrica*, Rangoon, 18-vii-1979 (LAM 220559g); *Sorghum vulgare*, Ta-da-u, 17-xii-1977 (LAM 220439c); *Sorghum* spp.; Taungtha, 20-xii-1977 (LAM 220329b); *Zea mays*, Myitkyina, 18-vi-1980 (LAM 220936c).
19. ***Alternaria macrospora*** Zimm. on *Sida rhombifolia*, Mandalay, 28-xi-1971 (IMI 172446).
20. ***Alternaria padwickii*** (Ganguly) M.B. Ellis (= *Trichoconis padwickii* Ganguly) on leaf, grains, and roots of *Oryza sativa*, Burma (Ou 1972, Thaug 1970).
21. ***Alternaria porri*** (Ellis) Cif. on *Allium cepa*, Mandalay, 12-x-1979 (LAM 220741a); *A. sativum*, Aungban, S.S.S., 27-xii-1979 (LAM 220819a). Cf. *Alternaria palandui* Ayyangar on cultivated spp. of *Allium* from India.
22. ***Alternaria putrefaciens*** (Fuckel) E.G. Simmons (Anamorphic ***Pleospora herbarum*** (Pers.) Rabenh.; = *Macrosporium parasiticum* Thüm.) on *Allium* sp., Myittha (Rhind & Seth 1945).
23. ***Alternaria solani*** (Ellis & G. Martin) L.R. Jones & Grout (= *Alternaria allii* Nolla) on leaves of *Solanum tuberosum*, Amarapura (Rhind & Seth 1945). Cf. *Alternaria grandis* E.G. Simmons on the same host species.
24. ***Alternaria tenuissima*** (Kunze ex Pers.) Wiltshire on *Adhatoda* sp., Mandalay, 6-x-1974 (IMI 188945a); *Althaea rosea*, Mandalay, 28-i-1973 (IMI 172875c); Rangoon, 8-iv-1979 (LAM 220471); *Brunfelsia pauciflora*, Botanical Garden, Maymyo, 18-v-1975 (IMI 194476a); *Carum carvi*, Mandalay, 28-i-1972 (IMI 163857b); *Centaurea* sp., Botanical Garden, Maymyo, 19-v-1975 (IMI 194475); *Euphorbia* sp., Myar village, Meiktila, 24-xii-1979 (LAM 220832); *Glycine hispida*, Shangale-kyun, near Amarapura, 4-iv-1971 (IMI 156319a); *Lilium sulphureum*, Botanical Garden, Maymyo, 19-v-1975 (IMI 194474a); *Livistona speciosa*, Pyinmana, 12-xii-1973 (IMI 181646c); *Momordica charantia*, Rangoon, 16-xi-1979 (LAM 220694c); *Rauvolfia serpentina*, School of Indigenous Medicine, Mandalay, 10-v-1975 (IMI 194465b); Mandalay, 16-v-1975 (LAM 220409b); *Solanum melongena*, Mandalay, 4-iv-1971 (IMI 156317a); *Tamarindus indica*, Rangoon, 11-xi-1979 (LAM 220727e).
25. ***Alternaria violae*** L.D. Galloway & Dorsett on *Viola* sp., Botanical Garden, Maymyo, 18-v-1975 (IMI 194473a).
26. ***Alternaria zinniae*** on *Calendula officinalis*, Kyetmauk village, Thazi, 26-xii-1979 (LAM 220821); *Callistephus chinensis*, Rangoon, 7-iii-1980 (LAM 220910); *Coreopsis tinctoria*, Rangoon, 24-ix-1979 (LAM 220669a); Rangoon, 7-iii-1980 (LAM 220905b); *Cosmos bipinnatus*, Rangoon, 7-iii-1980 (LAM 220907a); *Cosmos* sp., Rangoon, 20-iv-1978 (LAM 220416a); *Eclipta alba*, Mandalay, 2-x-1979 (LAM 220742); *Xanthium strumarium*, Mandalay, 2-ii-1973.
27. ***Alternaria*** sp. on *Andrographis paniculata* (Vernacular = *Sega-gy*), School of Indigenous Medicine, Mandalay, 8-i-1978 (LAM220347).
28. ***Alternaria*** sp. on Araceae (Vernacular = *Se-bwa-gamon*), Mandalay, 28-ix-1972 (IMI 170076b).
29. ***Alternaria*** sp. on *Azima ?tetracantha*, Thazi, 26-xii-1979 (LAM 220834a).
30. ***Alternaria*** sp. on *Balanites ?triflorus*, Thazi, 25-xii-1979 (LAM 220829a).
31. ***Alternaria*** sp. on *Bougainvillea spectabilis*, Mandalay, 28-ix-1973 (IMI 180197a); 19-xi-1974 (LAM 220828a).
32. ***Alternaria*** sp. on *Cinnamomum camphora*, Myay-Pade-Tha Kyun, Rangoon, 26-iv-1975 (IMI 194461a) together with ***Cladosporium*** and ***Nigrospora*** spp.
33. ***Alternaria*** sp. on *Curcuma aromatica*, Rangoon, 11-x-1979 (LAM 220624b).
34. ***Alternaria*** sp. on *Gilnus oppositifolius* (= *Mollugo spargula*), pink- red variety, Vegetable Bazaar, Rangoon, 7-i-1980 (LAM 220831).

35. **Alternaria** sp. on *Leucas aspera* (greyish leafspots), Amarapura, 12-x-1979 (LAM 220740a).
36. **Alternaria** sp. on *Lycopersicum esculentum*, Myar village, Meiktila Dist., 24-xii-1979 (LAM 220815a). Cf. *Alternaria cretica* E.G. Simmons & Vakal., *A. elegans* E.G. Simmons & J.C. David, *A. subcylindrica* E.G. Simmons & R.G. Roberts, *A. subtropica* E.G. Simmons, *A. tomato* (Cooke) L.R. Jones, and *A. tomatophila* E.G. Simmons recorded on the same host species.
37. **Alternaria** sp. on *Musa sapientum* var. *arakanensis*, Kyaukthanbut village, east of Yezin campus, 25-vii-1977 (LAM 220137b). Cf. *Alternaria alternata* (Fr.) Keissl., *A. dianthicola* Neerg., and *A. musae* Bouriquet & Bataille recorded on *Musa* spp.
38. **Alternaria** sp. on *Pastanica sativa* (Vernacular = *Ywetsa-monla*), Rangoon, 7-iii-1980 (LAM 220906). Cf. *Alternaria conjuncta* E.G. Simmons on the same host species.
39. **Alternaria** sp. on *Phlox* sp. (Vernacular = *Tha-yet-hte-pan*), Aungban, S.S.S., 27-xii-1979 (LAM 220819).
40. **Alternaria** sp. on *Pimpinella anisum*, Myar Village, Meiktila, 24-xii-1979 (LAM 220833a).
41. **Alternaria** sp. on *Prunus communis*, Aungban, S.S.S., 10-vii-1977 (LAM 220141a).
42. **Alternaria** sp. on *Ranunculus* sp. (a herb), Botanical Garden (near a small pond), Maymyo, 16-iv-1980 (LAM 220920).
43. **Alternaria** sp. on *Solanum melongena*, Shangale-kyun (near Amarapura), 19-i-1973 (IMI 172876a); *S. trilobatum*, Thazi, 26-xii-1979 (LAM 220817). Note: conidia on specimen IMI 172876a are larger than those of **Alternaria melongenae** Rangaswami & Samb. Cf. *Alternaria africana* E.G. Simmons, *A. beringelae* E.G. Simmons, and *A. polytricha* (Cooke) E.G. Simmons reported on *Solanum melongena*.
44. **Alternaria** sp. on *Spondias pinnata*, Monywe village, Monywa, 2-i-1978 (LAM 220566c).
45. **Alternaria** sp. on *Tribulus terrestris*, Kyetmauk village, Thazi, 26-xii-1979 (LAM 220822).
46. **Alternaria** sp. on *Valeriana hardwickii*, Rangoon, 18-ivi-1980 (LAM 220921a).
47. **Alternaria** sp. on an unknown herb (Vernacular = *tauk-te-let-wa*), Kyetmauk village, Thazi, 25-xii-1979 (LAM 220813b).
48. **Annellophora phoenicis** M.B. Ellis on *Phoenix* sp., Yezin campus, Pyinmana, 12-xii-1973 (IMI 185219); Rangoon, 7-viii-1977 (LAM 220165a).
49. **Annellophragmia coonoorensis** (Subram.) Subram. on *Thysanolaena maxima*, Sandoway, 10-iv-1974 (LAM 220047), (IMI 187224).
50. **Arthrinium arundinis** (Corda) Dyko & B. Sutton (Anamorphic **Apiospora montagnei** Sacc.) hypophyllous on *Bambusa* sp., Moulmein, 6-viii-1972 (IMI 170087b) with its teleomorph **Apiospora montagnei** (IMI 170087a) on the upper side; Bamboo, Moulmein, 31-xii-1973 (LAM 220074); Kyaikhtiy Range, 6-xi-1978 (LAM 220478b); *Thysanolaena maxima*, Mergui, 8-v-1980 (LAM 220923); Burma (Kirk 1991a). Cf. *Apiospora indica* Theiss. & Syd. on culms of *Bambusa* sp. from India.
51. **Arthrinium curvatum** var. **curvatum** Kunze & J.C. Schmidt on *Gladiolus* sp., Maymyo, 15-ix-1977 (LAM 220532).
52. **Arthrinium phaeospermum** (Corda) M.B. Ellis on bamboo, Htonbo near Mandalay, 28-x-1973 (IMI 180766); Myitkyina, 29-xii-1977 (LAM 220490b) with **Tetranacrium gramineum** H.J. Huds. & B. Sutton (LAM 220490a); *Dendrocalamus strictus*, near Kyaukchaw village, Mandalay, 14-i-1975 (IMI 192814b) with **Dasturella divina** (Syd.) Mund. & Khesw. (IMI 192814a).
53. **Arthrinium sacchari** (Speg.) M.B. Ellis on *Saccharum* sp. (Vernacular = *Kaing*), Kyaunggon, 2-xii-1977 (LAM 220531a).
54. **Arthrinium** sp. on *Calamus* sp., Mergui, 6-v-1980 (LAM 220928).
55. **Aspergillus aculeatus** Iizuka on rice cakes, Yankin, 0-vii-1973 (IMI 205484).

56. ***Aspergillus chevalieri*** Thom & Church, a white colony on an unknown convolvulaceous plant, Rangoon, 22-vi-1979.
57. ***Aspergillus clavatus*** Desm. on bread, Yankin, 0-vii-1973 (IMI 205482).
58. ***Aspergillus flavus*** Link, a sclerotial strain isolated from paddy soil, Mandalay, 0-viii-1927 (Mason 1928, Rhind & Seth 1945); from field soils, seeds of *Arachis hypogea*, and peanut cake from oil expellers, Central Burma, 0-iv-1973 and 0-v-1973, represented by 19 specimens (IMI 176168a to IMI 176186a); rice bran, Rangoon, 0-vii-1973 (IMI 205485).
59. ***Aspergillus fumigatus*** Fresen. on match stick, Mandalay (Rhind & Seth 1945).
60. ***Aspergillus glaucus*** (L.) Link (Anamorphic ***Eurotium herbariorum*** (F.H. Wigg.) Link) common on various substrates as laboratory mould, Burma (Butler & Bisby 1931).
61. ***Aspergillus niger*** var. ***niger*** Tiegh. isolated from paddy soil, Mandalay, 0-viii-1927 (Mason 1928, Rhind & Seth 1945); on scales of *Allium* sp., Mandalay (Rhind & Seth 1945); molasses, Insein, 0-vii-1973 (IMI 205486); *Citrus* fruit, Insein, 0-vii-1973 (IMI 205487); rice bran, Yankin, 0-viii-1973 (IMI 205488); and culture (IMI 193704).
62. ***Aspergillus tamarii*** Kita isolated from paddy soils, Mandalay, 0-viii-1927 (Mason 1928, Rhind & Seth 1945); rice bran, Insein, 0-vii-1973 (IMI 205483); cooked rice, Rangoon, 0-viii-1973 (IMI 205489) — this strain is more bronze than (IMI 205483).
63. ***Aspergillus terreus*** Thom isolated from paddy soils, Mandalay, 0-viii-1927 (Mason 1928, Rhind & Seth 1945).
64. ***Aspergillus*** spp. with ***Streptomyces*** spp. on stored rice grains from Burma (Iizuka 1958).
65. ***Bahusakala*** sp. on *Pentacme siamensis* (Vernacular = *In-gyin*) Maymyo, 28-i-1974 (IMI 182581a) and (IMI 187237); *Roystonea elata*, Rangoon, 25-xi-1979 (LAM 220763d) manifesting brown, verrucose, subglobose to globose, 0-1(-2)-septate, cylindrical arthroconidia with truncate ends, developing from fragmenting hyphae forming mycelial mats.
66. ***Bipolaris crustacea*** (Henn.) Alcorn (= *Helminthosporium crustaceum* Henn.) on inflorescences of *Sporobolus* sp. in Burma, forming black, crustose fungal masses which completely or partly envelop the inflorescences (Alcorn 1982, Sivanesan 1986b, 1987).
67. ***Bipolaris cynodontis*** (Marignoni) Shoemaker (Anamorphic ***Cochliobolus cynodontis*** R.R. Nelson; = *Drechslera cynodontis* (Marignoni) Subram. & B.L. Jain, *Helminthosporium cynodontis* Marignoni) on *Cynodon dactylon*, Mandalay, (Rhind & Seth 1945); 12-x-1979 (LAM 220750c).
68. ***Bipolaris hawaiiensis*** (M.B. Ellis) J.Y. Uchida & Aragaki (Anamorphic ***Cochliobolus hawaiiensis*** Alcorn; = *Drechslera hawaiiensis* (Bugnic.) Subram. & B.L. Jain, *D. hawaiiensis* M.B. Ellis) on *Artocarpus integrus*, Madaya, 9-iv-1972 (IMI 169352b); *Bauhinia* sp., Rangoon, 27 Mar 1975 (IMI 192815e); *Rauvolfia serpentina*, School of Indigenous Medicine, Mandalay, 10-v-1975 (IMI 194465c).
69. ***Bipolaris heveae*** (Petch) B.A. Khasanov (= *Drechslera heveae* (Petch.) M.B. Ellis, *Helminthosporium heveae* Petch) on leaves of *Hevea brasiliensis* in plant nursery; Mingaladon, 25-xi-1979 (LAM 220737d); Tenasserim Division (Turner & Myint 1980); Burma (Rhind 1926).
70. ***Bipolaris maydis*** (Y. Nisik. & C. Miyake) Shoemaker (Anamorphic ***Cochliobolus heterostrophus*** (Drechsler) Drechsler; = *Helminthosporium maydis* Y. Nisik. & C. Miyake, *Drechslera maydis* (Y. Nisik. & C. Miyake) Subram. & B.L. Jain) on *Oryza sativa*, Bassein, 23-xii-1977 (LAM 220348); dead portion of leaf of *Salacca wallichiana*, Mandalay, 4 Nov 1972 (IMI 171324a).
71. ***Bipolaris oryzae*** (Breda de Haan) Shoemaker (Anamorphic ***Cochliobolus miyabeanus*** (S. Ito & Kurib.) Drechsler ex Dastur; = *Drechslera oryzae* (Breda de Haan) Subram. & B.L. Jain, *Helminthosporium oryzae* Breda de Haan) as brown spots on leaves and grains of *Oryza sativa*, all over Burma (Rhind & Seth

- 1945), and presumably also on *Panicum colonum*, and additionally on *Leersia hexandra* as an alternative host in nature (Ou 1972, Su 1936).
72. ***Bipolaris ravenelii*** (M.A. Curtis) Shoemaker (Anamorphic ***Cochliobolus ravenelii*** Alcorn; = *Drechslera ravenelli* (M.A. Curtis) Subram. & B.L. Jain, *Helminthosporium ravenelli* M.A. Curtis ex Berk.) on *Sporobolus* sp. in Burma (Ellis 1971b, Sivanesan 1986a), causing a false smut.
73. ***Bipolaris sacchari*** (E.J. Butler) Shoemaker (= *Drechslera sacchari* (E.J. Butler) Subram. & Jain, *Helminthosporium sacchari* E.J. Butler) on *Saccharum* sp. (Vernacular = *Kaing*), Kyaunggon, 2-xii-1977 (LAM 220531b); *Imperata cylindrica*, Mingaladon (near Shwenyaungbin area), 25-xi-1979 (LAM 220764d).
74. ***Bipolaris sorokiniana*** (Sacc.) Shoemaker (Anamorphic ***Cochliobolus sativus*** (S. Ito & Kurib.) Drechsler ex Dastur; = *Helminthosporium sativum* Pammel, C.M. King & Bakke) on *Triticum aestivum*, all over Upper Burma (Rhind & Seth 1945).
75. ***Candida saitoana*** Nakase & M. Suzuki (= *Torulopsis candida* (Saito) Lodder) from fermented rice, Rangoon, i-1973.
76. ***Camptomeris albisiae*** (Petch) E.W. Mason on *Acacia concinna*, Anesakhan near Maymyo, 20-i-1974 (IMI 182579a); *A. pennata*, 60A Golden Valley, Rangoon, 31-xii-1973 (IMI 181624).
77. ***Cercospora erigeronicola*** U. Braun & Rogersonn on *Erigeron asteroides* (Vernacular = *Byaing-chi*), Mandalay.
78. ***Cercospora leucosticta*** Ellis & Everh. on leaves of *Melia azedarach* and *M. azadirachta*, Bassein (Mundkur 1938). Note: ***Pseudocercospora subsessilis*** (Syd. & P. Syd.) Deighton was also reported on *M. azadirachta* from Burma (Thaung 1984).
79. ***Cercospora longipes*** E.J. Butler on leaves of *Saccharum officinarum* throughout Burma (Butler & Bisby 1931).
80. ***Cercospora tridacis-procumbentis*** Thirum. & Govindu on *Tridax procumbens* (Vernacular = *Ne-gya-gale*), Mandalay (Anonymous 1961).
81. ***Cercospora*** sp. on *Congea tomentosa* (Vernacular = *Hmwe-zok*), Mandalay (Anonymous 1961).
82. ***Cercospora*** sp. on *Cordia dichotoma* (in dark spots on upper side of the leaf), Mandalay, 7-xii-1971 (IMI 163014b), manifesting characters similar to ***C. apii***.
83. ***Cercospora*** sp. on *Mangifera indica*, Maymyo, 10-v-1972 (IMI 166372). Note: not ***Cercospora mangiferae*** Koord. 1907 (= *Stigmina mangiferae* (Koord.) M.B. Ellis), temporarily disposed herein.
84. ***Chlamydomyces palmarum*** (Cooke) Mason on *Litsea* sp., Bassein, 15-iv-1973 (LAM 220848).
85. ***Cordana musae*** (Zimm.) Höhn. on *Musa paradisiaca* var. *arakanensis*, Sinthawt village, east of Yezin, 17-v-1977 (LAM 220101).
86. ***Coronospora dendrocalami*** M.B. Ellis on *Dendrocalamus strictus*, Sedaw-gyi, near Mandalay, Collector U Thet Su, 20-i-1929 (IMI 79773, typus), Burma (Ellis 1971a).
87. ***Cladosporium colocasiae*** Sawada on *Colocasia* sp., Rangoon, 4-viii-1977 (LAM 220140).
88. ***Cladosporium eriolobi*** Thaung on *Eriolobus indica*, Botanical Garden, Maymyo, 28-xii-1972 (IMI 175732, holotype). Note: *Stenella eriolobi* (Thaung) K. Schub. & U. Braun is probably sometimes present on the same host specimen They may be mistaken for each other, see under ***Stenella***.
89. ***Cladosporium miyakei*** Sacc. & Trotter on *Oryza sativa*, causing grain discolouration (Thaung 1970).
90. ***Cladosporium*** sp. on *Momordica charantia*, Rangoon, 16-xi-1979 (LAM 220694b).
91. ***Coniosporium bambusae*** (Thüm. & P.C. Bolle) Sacc. on culms of *Bambusa* sp., Insein (Rhind & Seth 1945).

92. ***Cordella johnstonii*** M.B. Ellis (Anamorphic ***Apiospora setosa*** Samuels, McKenzie & D.E. Buchanan) on *Bambusa siamensis* (Vernacular = *Htee-yo-wah*), on the way to Maymyo, 20-i-1973 (IMI 172862), (IMI 175729b); Burma (Dyko & Sutton 1979). Note: on *Bambusa blumeana* in Malaysia and *Bambusa* sp. in Great Britain.
93. ***Corynespora cassicola*** (Berk. & M.A. Curtis) C.T. Wei (Anamorphic ***Corynesporasca*** sp.) on *Agave sisalana*, Rangoon, 25-vii-1979 (LAM 220548c); *Annona squamosa*, Pyinmana, 12-xii-1973 (IMI 181629); Ava, 24-xii-1977 (LAM 220341); Kanbalu, 3-i-1978 (LAM 220915); Kyaukme, N.S.S., 20-i-1978 (LAM 220418d); *Butea monosperma*, Shwebo, 1-i-1978; *Cassia ?fistula/renigera*, Kyanggon, 20-xii-1977 (LAM 220340); *Ceiba pentandra* on Little Sisters Road, Rangoon, 7-xi-1973 (IMI 180765); *Clerodendrum macrosiphon*, Mandalay, 5-ii-1970 (IMI 146679b); *Clerodendrum serratum*, Hmawbi Farm, 26-x-1979 (LAM 220652a); *Croton calcococcus*, Mandalay, 7-xii-1971 (IMI 163073); *Duranta plumeri*, Rangoon, 28-ix-1979 (LAM 220654); *Garcinia mangostana*, Mergui, 7-v-1980 (LAM 220924); *Hydrangea macrophylla*, Rangoon, 1-v-1974 (IMI 187223), 23-ix-1979 (LAM 220653); *Leucas aspera* (greyish leafspots), Amarapura, 12-x-1979 (LAM 220740c); *Ocimum basilicum*, Aithabyu village, Henzada Dist., 8-xi-1979 (LAM 220746b); *Phyllanthus ?nirurij/leschenaultii*, Lashio, N.S.S., 12-xii-1977 (LAM 220342); *Plumeria acutifolia*, Rangoon, 29-ix-1979 (LAM 220588c); *Saccharum* sp., Rangoon, 12-viii-1979 (LAM 220557c); *Sapium ?beccatum*, Kyaunggon village, Pauk Township, 6-xii-1977 (LAM 220898); *Sesamum indicum*, Yezin near Pyinmana, 11-xii-1973 (IMI 181628); *Sida rhombifolia*, Sedawgalay, near Mandalay, 21-x-1973 (IMI 180198); Myitkyina, 17-viii-1972 (LAM 220841); *Solanum melongena*, Mandalay, 12-i-1974 (IMI 181635b); *Streptocaulon tomentosum*, North of Kyaukchaw en route Maymyo, 21-ii-1974 (IMI 182587a); wild bean plant (Papilionaceae), near Melamu Pagoda, Rangoon, 23-ix-1979 (LAM 220649c); Burma (Ellis & Holliday 1971).
94. ***Curvularia affinis*** Boedijn on *Clinogyne dichotoma*, Rangoon, 13-i-1980 (LAM 220856a).
95. ***Curvularia andropogonis*** (Zimm.) Boedijn on Rubiaceae (*Spermacoce* or *Hedyotis* sp.), Mingaladon, 25-xi-1979 (LAM 220751a).
96. ***Curvularia borreiae*** (Viégas) M.B. Ellis on Rubiaceae (*Spermacoce* or *Hedyotis* sp.), Taikkyi Farm, 25-x-1979 (LAM 220648a).
97. ***Curvularia eragrostidis*** (Henn.) J.A. Mey. (Anamorphic ***Cochliobolus eragrostidis*** (Tsuda & Ueyama) Sivan.; = *Pseudocochliobolus eragrostidis* Tsuda & Ueyama) on *Areca catechu*, Rangoon, 5-iv-1973 (IMI 175731); Burma (Sivanesan 1990a).
98. ***Curvularia geniculata*** (Tracy & Earle) Boedijn (Anamorphic ***Cochliobolus geniculatus*** R.R. Nelson) on *Amomum corynostachyum*, Rangoon, 21-x-1979 (LAM 220625c); *Axonopus compressus*, 60A Golden Valley, Rangoon, 14-xi-1975 (IMI 200323), 14-x-1979 (LAM 220650b); *Hedyotis/Spermacoce* sp., Mingaladon, 25-xi-1979 (LAM 220751b); grains of *Oryza sativa*, causing grain discolouration (Ou 1972, Thaung 1970); on dead portion of leaf of *Salacca wallichiana*, Mandalay, 4-xi-1972 (IMI 171324c).
99. ***Curvularia intermedia*** Boedijn on *Cynodon dactylon*, Rangoon, 4-vii-1979 (LAM 220553b); Mandalay, 12-x-1979 (LAM 220750a).
100. ***Curvularia lunatus*** (Wakker) Boedijn (Anamorphic ***Cochliobolus lunatus*** R.R. Nelson & Haasis; = *Acrothecium lunatum* Wakker) on *Adhatoda* sp., Mandalay, 6-x-1974 (IMI 188945b); *Agave sisalana*, Rangoon, 25-vii-1979 (LAM 220548b); *Artocarpus integra*, Madaya, 9-iv-1972 (IMI 169352d); *Axonopus compressus*, Rangoon, 14-x-1979 (LAM 220650a); *Calotropis gigantea*, Mandalay, 12-x-1979 (LAM 220731c); *Celosia argentea* var. *crispata*, Rangoon, 8-iv-1979 (LAM 220472a); *Clinogyne dichotoma*, Rangoon, 13-i-1980 (LAM 220856b); *Cynodon dactylon*, Mandalay, 12-x-1979 (LAM 220750b); on flowers of *Dichanthium annulatum*, Mandalay (Rhind & Seth 1945); *Helianthus annuus*, Mandalay, 2-x-1979 (LAM 220747b); *Imperata cylindrica*, Rangoon, 18-vii-1979 (LAM 220559c); *Leucas aspera* in greyish leafspots, Amarapura, 12-x-1979

- (LAM 220740b); *Oryza sativa*, Burma (Ou 1972, Thaug 1970), causing grain discolouration; on wild bean plant, near Melamu Pagoda, Rangoon, 23-ix-1979 (LAM 220649a); *Saccharum* sp., Rangoon, 12-viii-1979 (LAM 220557d); on dead portion of leaf of *Salacca wallichiana*, Mandalay, 4-xi-1972 (IMI 171324b); *Tamarindus indica*, Rangoon, 11-xi-1979 (LAM 220727c); isolated from paddy soils, Mandalay in ?-viii-1927 (Mason 1928).
101. ***Curvularia pallescens*** Boedijn 1933 (Anamorphic ***Cochliobolus pallescens*** (Tsuda & Ueyama) Sivan.; = *Pseudocochliobolus pallescens* Tsuda & Ueyama) on *Bauhinia* sp., Rangoon, 27-iii-1975 (IMI 192815b); *Bougainvillea spectabilis*, Mandalay, 4-i-1974 (IMI 185668a); wild bean plant, near Melamu Pagoda, Rangoon, 23-ix-1979 (LAM 220649b); Burma (Sivanesan 1990b).
102. ***Curvularia senegalensis*** (Speg.) Subram. on *Tamarindus indica*, Rangoon, 11-xi-1979 (LAM 220727d).
103. ***Curvularia trifolii*** (Kauffman) Boedijn on *Eurycles amboinensis* in pot near Convocation Bldg., University of Rangoon, 28-vii-1975 (IMI 197643a).
104. ***Curvularia verruculosa*** Tandon & Bilgrami ex M.B. Ellis (Anamorphic ***Cochliobolus verruculosus*** (Tsuda & Ueyama) Sivan.; = *Pseudocochliobolus verruculosus* Tsuda & Ueyama) on Poaceae in Burma (Sivanesan 1990c).
105. ***Curvularia*** spp. on *Cosmos* sp., Rangoon, 20-iv-1978 (LAM 220416b); *Hevea brasiliensis*, Mingaladon, 25-xi-1979 (LAM 220737b); *Lagenaria vulgaris*, Insein, 29-ix-1979 (LAM 220593b); Liliaceae (*Dracaena* or *Pleomele* sp.), Rangoon, 28-ix-1979 (LAM 220635b); *Piper nigrum*, Taikkyi Farm, 25-x-1979 (LAM 220638b).
106. ***Cylindrocarpon luteoviride*** Deighton & Piroz. with sooty molds on *Nephelium ?lit-chi* (Siamese variety), Maymyo, 14-xii-1977 (LAM 220398c).
107. ***Cylindrocarpon ukolayii*** Thaug (anamorphic ***Calonectria ukolayii*** Thaug) in colonies of *Meliola tabernaemontanicola* Hansf. & Thirum on living leaves of *Vallisneria spiralis*, Rangoon, 23-i-1975 (IMI 191468b, holotype).
108. ***Cylindrocarpon*** sp. on *Artocarpus incisus*, Rangoon, 29-x-1979 (LAM 220665c).
109. ***Deightoniella torulosa*** (Syd.) M.B. Ellis on *Musa sapientum*, Do-kwin, near Maymyo, 1-x-1972 (IMI 170082); *Musa sapientum* var. *rubra*, Rangoon, 15-vii-1979 (LAM 220535).
110. ***Dendryphiella vinosa*** (Berk. & M.A. Curtis) Reisinger on *Trichosanthes palmata* (Vernacular = *Kyi-ah* or ?*Kyi-ah-thee*), Rangoon, 20-xi-1979 (LAM 220729b).
111. ***Dictyospiropes*** sp. on *Vitex glabrata*, Botanical Garden, Maymyo, 12-ii-1974 (IMI 183214).
112. ***Dictyosporium heptasporum*** (Garov.) Damon on dead and decaying sprouts of *Cocos nucifera*, Pyinmana, 1-xii-1973 (IMI 181642a).
113. ***Drechslera euphorbiae*** (Hansf.) M.B. Ellis (Anamorphic ***Pyrenophora*** sp.; = *Helminthosporium euphorbiae* Hansford) on *Euphorbia geniculata* (Vernacular = *Say-pa-le*), Mandalay, 27-x-1971 (IMI 161577); 26-i-1974 (LAM 220095).
114. ***Drechslera graminea*** (Rabenh. ex Schltld.) Ito (Anamorphic ***Pyrenophora graminea*** S. Ito & Kurib.; = *Helminthosporium gramineum* Rabenh. ex Schltld.) on *Hordeum vulgare*, Amarapura (Rhind & Seth 1945).
115. ***Drechslera musae-sapientium*** (Hansf.) M.B. Ellis on *Musa sapientum* var. *rubra*, Rangoon, 15-vii-1979 (LAM 220536a).
116. ***Drechslera sesami*** (I. Miyake) M.J. Richardson & E.M. Fraser (= *Helminthosporium sesami* I. Miyake) on leaves, stems and capsules of *Sesamum orientale*, Allanmyo (= Aung-lan myo) (Rhind & Seth 1945).
117. ***Drechslera setariae*** (Sawada) Subram. & B.L. Jain (Anamorphic ***Cochliobolus setariae*** (Ito & Kurib.) Drechsler ex Dastur on *Setaria italica*, Mandalay (Anonymous 1961).

118. **Drechslera teres** (Sacc.) Shoemaker (Anamorphic **Pyrenophora teres** Drechsler; = *Helminthosporium teres* Sacc.) on *Hordeum vulgare*, Amarapura (Rhind & Seth 1945).
- 119-22. **Drechslera** spp. on: (1) *Croton calococcus*, Mandalay, 2-x-1979 (LAM 220773); (2) *Imperata ?cylindrica*, Mingaladon (Near Shwenyaungbin area), 25-xi-1979 (LAM 220764d); (3) *Leucas aspera* (greyish leafspots), Amarapura, 12-x-1979 (LAM 220740c); (4) *Salacca wallichiana*, Mergui, 7-v-1980 (LAM 220922e).
123. **Endocalyx melanoxanthus** (Berk. & Broome) Petch on *Elaeis guineensis*, Gyogon, 20-x-1979 (LAM 220639b); *Livistonia ?speciosa* (on petiole), Rangoon, 9-iv-1979 (LAM 220473).
124. **Epicoccum nigrum** Link (= *Epicoccum purpurascens* Ehrenb.) on *Bauhinia* sp., Rangoon, 27-iii-1975 (IMI 192815f); *Citharexylum suberratum*, Botanical Garden, Maymyo, 12-ii-1974 (IMI 183239); *Lilium sulphureum*, Botanical Garden, Maymyo, 19-v-1975 (IMI 194474b).
125. **Exosporium extensum** (Petch) M.B. Ellis (= *Helminthosporium extensum* Petch) on *Erythrina* sp., Rangoon, 28-ix-1979 (LAM 220656). Cf. *Stigmia erythrinae* M.B. Ellis on *Erythrina tomentosa*.
126. **Exserohilum turcicum** (Pass.) K.J. Leonard & Suggs (Anamorphic **Setosphaeria turcica** (Luttr.) K.J. Leonard & Suggs; = *Helminthosporium turcicum* Pass.) on *Zea mays*, Amarapura (Rhind & Seth 1945).
127. **Fusarium incarnatum** (Desm.) Sacc. (= *Fusarium semitectum* Berk. & Ravenel) on *Casimiroa edulis*, Agricultural Experiment Station, Maymyo, 18-v-1975 (IMI 194481c).
128. **Fusarium lateritium** Nees (Anamorphic **Gibberella baccata** (Wallr.) Sacc.) on *Celosia argentea* var. *cristata*, Rangoon, 8-xi-1973 (IMI 180764).
129. **Fusarium moniliforme** J. Sheld. (Anamorphic **Gibberella moniliformis** Wineland) on seeds, panicles and foot of *Oryza sativa* in Burma (Ou 1972); *Saccharum officinarum*, causing top rot in Burma, 13-viii-1974 (IMI 187236), (Rhind & Seth 1945, Thuang 1971); *Sorghum dochna*, Mandalay, 26-xii-1973 (IMI 182583).
130. **Fusarium oxysporum** f. sp. **batatas** W.C. Snyder & H.N. Hansen on *Ipomoea bona-nox*, Pyinmana, 28-xii-1977 (LAM 220890c).
131. **Fusarium oxysporum** f. sp. **callistephi** W.C. Snyder & H.N. Hansen on *Callistephus chinensis* Nees, causing wilt widespread (Thuang 1970).
132. **Fusarium oxysporum** f. sp. **ciceris** Matuo & K. Sato on *Cicer arietinum* in Burma (Brayford 1992a).
133. **Fusarium oxysporum** f. sp. **vasinfectum** W.C. Snyder & H.N. Hansen (= *Fusarium vasinfectum* G.F. Atk.) on roots of *Gossypium neglectum*, Mahlaing (Rhind & Seth 1945), causing cotton wilt in Meiktila, Myingyan, Lower Chindwin, Sagaing, and Thayetmyo; Burma (Booth & Waterston 1964, Brayford 1992b).
134. **Fusarium subglutinans** (Wollenw. & Reinking) P.E. Nelson, Toussoun & Marasas (= *Fusarium moniliforme* var. *subglutinans* Wollenw. & Reinking) on *Saccharum officinarum* (Thuang 1971).
135. **Fusarium udum** var. **cajani** Padwick on roots and stems of *Cajanus cajan*, Tatkon (Rhind & Seth 1945).
136. **Fusarium** spp. on *Citrus decumana*, Myitkyina, 28-x-1972 (IMI 171321b) and *Citrus aurantium*, Myitkyina, 28-x-1972 (IMI 171322b) both pinkish in color and associated with **Septobasidium** sp.; *Elaeagnus latifolia* (black specks in leafspots), Pyinmana (S.A.I), 26-xii-1977 (LAM 220849) with sporodochia and conidia 22.2 x 2.5 μ m; *Momordica charantia*, Rangoon, 16-xi-1979 (LAM 220694d); *Sesamum orientale*, all over Burma (Rhind & Seth 1945); wild legume near Melamu Pagoda, Rangoon, 23-ix-1979 (LAM 220649d).
137. **Fusicladium carpophilum** (Thüm.) Oudem. (Anamorphic **Venturia carpophila** E.E. Fisher) on *Prunus persica*, Lashio, N.S.S., 10-xii-1977 (LAM 220302).

138. **Fusicladium virescens** Bonord (Anamorphic **Venturia pyrina** Aderh.) on *Pyrus communis*, Kutkhine, N.S.S., 15-xii-1977 (LAM 220474).
139. **Gonatophragmium mangiferae** J.L. Mulder on *Mangifera indica*, Yinmapin near Kalaw, 25-i-1972 (IMI 164831); Burma (Ellis 1976). Note: a comparable taxon on the host is *Cercospora mangiferae-indicae* Munjal, Lall & Chona.
140. **Gonatophragmium mori** (Sawada) Deighton on *Ficus carica*, Rangoon, 28-vii-1975 (IMI 197644); *Trichosanthes palmata* (Vernacular = *Kyi-ah* or *?Kyi-ah-thee*), Rangoon, 20-xi-1979 (LAM 220729c).
141. **Haplobasidium lelebae** Sawada ex M.B. Ellis on bamboo, Kyaikhtiyo range, Kyaikhto, 15-v-1971 (IMI 157607a). Note: on *Bambusa vulgaris* in Bangladesh at Chittagong (IMI 292568).
142. **Hemibeltrania cinnamomi** (Deighton) Piroz. on *Cinnamomum ?inunctum*, Kyaukme, N.S.S., 21-iii-1974 (LAM 220094); Thandaung near Toungoo, 29-ix-1977 (LAM 220235); *Cinnamomum* sp., Pinyinmana, 16-vii-1977 (LAM 220541c).
143. **Hyalostachybotrys** sp. on *Saccharum* sp., Rangoon, 12-viii-1979 (LAM 220557e).
144. **Leptoxyphium** (= *Caldariomyces*) sp. as anamorphic **Aithaloderma** on living leaves of an unknown host, Yezin campus, 9-iii-1976, and on bamboo leaves, Rangoon, 27-iii-1976.
145. **Melanographium citri** (Frag. & Cif.) M.B. Ellis on *Arecaceae* sp., Maymyo, 2-xi-1977 (LAM 220225).
146. **Memnoniella subsimplex** (Cooke) Deighton (= *Stachybotrys subsimplex* Cooke) on *Dracaena* sp., Rangoon, 29-ix-1979 (LAM 220657).
147. **Metarhizium anisopliae** (Metschn.) Sorokin on grubs of coconut rhinoceros beetle *Oryctes rhinoceros*, Burma (Butler & Bisby 1931); Madaya (Rhind & Seth 1945).
148. **Microdochium dimerum** (Penz.) Arx (= *Fusarium dimerum* Penz.) on *Piper betle*, Mandalay (New Civil Lines), 5-ix-1974 (IMI 188962).
149. **Microxyphium artocarp** Bat., Nascim. & Cif., on living leaves of *Cassia siamea*, Mandalay, 8-viii-1973 (IMI 185679). Note: the cylindrical pycnidia are slightly fimbriate at the tip, and the conidia bacillar, non-septate, hyaline, 3–5 x 1–3 µm.
150. **Microxyphium** spp. on *Actinodaphne angustifolia* (Vernacular = *Na-lin-kyaw*), Botanical Garden, Maymyo, 7-x-1974 (IMI 188958c, immature); *Ficus religiosa*, Mandalay, 29-i-1976 (IMI 200635); *Trichosanthes palmata* (Vernacular = *Kyi-ah* or *?Kyi-ah-thee*), Rangoon, 20-xi-1979 (LAM 220729d, pycnidia dry, no conidia seen); unknown host plant (probably *Simarubaceae*), Yezin Campus, 9-iii-1976 (IMI 204817).
151. **Mitteriella ziziphi-rugosae** Thaug with **Clypeolella ziziphina** Thaug on *Ziziphus rugosa*, Maymyo 15-i-1974 (IMI 181958, holotype).
152. **Mycoleptodiscus** spp. on *Calamus* sp., Mandalay, 07-xii-1971 (IMI 163015 + 164840); *Carissa carandas*, Mandalay, 30-xii-1972 (IMI 175747); *Citrus medica*, Mandalay, 5-iii-1973 (IMI 175746); *Citrus medica* var. *limonum*, Mandalay, 5-iii-1973 (IMI 175745); *Eugenia* sp., Mandalay campus, 9-iii-1973 (IMI 173554); *Madhuca longifolia*, Mandalay, 9-x-1972 (IMI 173545); *Piper betle*, Tatkon, 1-ix-1973 (IMI 179287).
153. **Myrothecium gramineum** Lib. (= *Xepiculopsis graminea* (Lib.) Nag Raj) on dried leaf, leaf sheaths and stems of *Cynodon dactylon*, Mandalay, 25-x-1972 (IMI 170567); *Panicum repens*, Mandalay, 2-x-1979 (LAM 220749b).
154. **Myrothecium roridum** (Tode) Fr. on *Althaea rosea*, Pinyinmana, 12-x-1971 (IMI 161281); *Calotropis gigantea*, Mandalay, 12-x-1979 (LAM 220731b); Liliaceae (*Dracaena* or *Pleomele* sp.), Rangoon, 28-ix-1979 (LAM 220635c); *Viola* sp., Botanical Garden, Maymyo, 18-v-1975 (IMI 194473b).
155. **Myrothecium** state of **Nectria bactridiodes** Berk. & Broome on *Eichhornia crassipes*, Myaungmya, 13-xi-1979 (LAM 220770).

156. ***Neojohnstonia colocasiae*** (M.B. Ellis) B. Sutton (= *Johnstonia colocasiae* M.B. Ellis) on *Colocasia* sp. (Vernacular = *Pain bin/Pain Oo*), Rangoon, 21-viii-1973 (IMI 179285); Rangoon, 29-ix-1979 (LAM 220659).
157. ***Nigrospora sphaerica*** (Sacc.) E.W. Mason (Anamorphic ***Khuskia oryzae*** H.J. Huds.; plus Anamorph ***N. oryzae*** (Berk. & Broome) Petch) on *Bauhinia* sp., Rangoon, 27-iii-1975 (IMI 192815d); *Imperata cylindrica*, Rangoon, 18-vii-1979 (LAM 220559e); on glumes, culms, and leaves of *Oryza sativa*, Burma (Butler & Bisby 1931, Kirk 1991b, Rhind & Seth 1945).
158. ***Nimbya alternantherae*** (Holcomb & Antonop.) E.G. Simmons & Alcorn (= *Alternaria alternantherae* Holcomb & Antonop.) on *Alternanthera philoxeroides*, Rangoon, 8-xi-1973 (IMI 180768); Rangoon, 21-x-1979 (LAM 220668); *A. sessilis*, Rangoon, 10-vii-1977 (LAM 220159).
159. ***Nimbya gomphrenae*** (Togashi) E.G. Simmons (= *Alternaria gomphrenae* Togashi) on *Gomphrena globosa*, Mandalay, 10-x-1973 (IMI 185674); Yezin near Pyinmana, 18-xii-1973 (IMI 181626); Rangoon, 25-ix-1979 (LAM 220670a); *G.* sp., Thazi, 25-xi-1973 (IMI 180786); Burma (David 1991).
160. ***Nimbya pimpriana*** (V.G. Rao) E.G. Simmons (= *Alternaria pimpriana* V.G. Rao) on *Celosia argentea*, Yezin near Pyinmana, 18-xii-1973 (IMI 181625); Rangoon, 21-x-1979 (LAM 220667); *C. argentea* var. *cristata*, Thazi, 26-xii-1979 (LAM 220830); Rangoon, 8-iv-1979 (LAM 220472b).
161. ***Papilionospora aspergilloides*** (Speg.) V. Rao & B. Sutton (= *Sporocybe aspergilloides* (Speg.) Sacc.) on *Eriolobus indica*, Maymyo, 20-iii-1973 (IMI 177253).
162. ***Parachionomyces acroconidiellinae*** Thaug on *Acroconidiellina arecae* (Berk. & Broome) M.B. Ellis from living leaves of *Areca catechu*, Sinthawt village near Yezin, Pyinmana, 14-x-1977 (IMI 217594, holotype).
163. ***Parapithomyces brideliae*** Thaug on *Bridelia retusa*, Botanical Garden, Maymyo, 15-ii-1974 (IMI 183211, holotype).
164. ***Penicillium digitatum*** (Pers.) Sacc. on fruits of *Citrus aurantium*, Mandalay (Rhind & Seth 1945).
165. ***Penicillium italicum*** Wehmer on fruits of *Citrus aurantium*, Mandalay (Rhind & Seth 1945).
166. ***Penicillium marneffeii*** Segretain as human infections (penicillosis) in AIDS patients, probably associated with bamboo rats (*Rhizomys*), endemic in Burma, Cambodia, Southern China, Indonesia, Laos, Malaysia, Thailand and Vietnam (http://en.wikipedia.org/wiki/Penicillium_marneffeii).
167. ***Penicillium*** spp. on stored rice grains from Burma (Iizuka 1958).
168. ***Periconia byssoides*** Pers. ex Mérat on *Adhatoda* sp., Mandalay, 6-x-1974 (IMI 188945e); *Althaea rosea*, Mandalay, 28-i-1973 (IMI 172875b); *Bauhinia* sp., Rangoon, 27-iii-1975 (IMI 192815c); *Brassica alba*, Mandalay, 8-iii-1971 (IMI 155748b); *Brunfelsia ?pauciflora*, Botanical Garden, Maymyo, 18-v-1975 (IMI 194476c); *Carum carvi*, Mandalay, 28-i-1972 (IMI 163857c); *Cinnamomum inunctum*, Mandalay, 28-i-1972 (IMI 163857c); *Coriandrum sativum* (Burman variety), Shangalekyun near Amarapura, 25-i-1974 (IMI 182576b); *Ipomoea ?batatas* or *digitata*, Kyaukse, 3-xii-1977 (LAM 220517b); on flower petals of *Nerium odorum*, Mandalay, 24-xi-1973 (IMI 180779); *Solanum melongena*, Shangalekyun (near Amarapura), 19-i-1973 (IMI 172876c).
169. ***Periconia lateralis*** Ellis. & Everh. on dried leaf sheaths of *Cynodon dactylon*, Mandalay, 25-x-1972 (IMI 170566); grass, Rangoon, 6-viii-1975 (IMI 197642b).
170. ***Periconia manihoticola*** (Vincens) Viégas (= *Periconia heveae* J.A. Stev. & Imle) on *Hevea brasiliensis*, Mergui, 30-xii-1971 (IMI 164834).
171. ***Periconia*** spp. on *Bauhinia acuminata*, Mandalay, 28-xii-1977 (LAM220346b); *Citrullus vulgaris*, Hlegu, 14-ii-1980 (LAM 220851c).
172. ***Periconiella*** sp. (close to ***P. rapanae*** M.B. Ellis) on *Combretum* sp. (Vernacular =

- Nabu-chon-boke*, climber) Paukkon Village (near Kanbalu), 11-ii-1973 (IMI 173538); *Lygodium flexuosum*, Rangoon, 24-i-1980 (LAM 220852); *Musa sapientum* var. *arakanensis*, Kyaukthanbut village, east of Yezin campus, 25-vii-1977 (LAM 220137a).
173. ***Phaeodactylium alpiniae*** (Sawada) M.B. Ellis (= *Dactylium alpiniae* Sawada) on *Alpinia conchigera*, Rangoon, 23-ix-1979 (LAM 220655); *Amomum corynostachyum*, Rangoon, 21-x-1979 (LAM 220625b); *Passiflora foetida*, Rangoon, 1-viii-1979 (LAM 220549).
174. ***Phaeotrichoconis crotalariae*** (M.A. Salam & P.N. Rao) Subram. on *Curcuma aromatica*, Rangoon, 11-x-1979 (LAM 220624b).
175. ***Pithomyces ?atro-olivaceus*** (Cooke & Harkn.) M.B. Ellis on *Prunus communis*, Mogaung, Kachin State, 16-i-1978 (LAM 220410a).
176. ***Pithomyces chartarum*** (Berk. & M.A. Curtis) M.B. Ellis on *Artocarpus integra*, Madaya, 9-iv-1972 (IMI 169352e); Burma (Sutton & Gibson 1977).
177. ***Pithomyces cupaniae*** (Syd.) M.B. Ellis on *Actinodaphne angustifolia*, Botanical Garden, Maymyo, 7-x-1974 (IMI 188958a).
178. ***Pithomyces maydicus*** (Sacc.) M.B. Ellis on *Tamarindus indica*, Rangoon, 11-xi-1979 (LAM 220727f).
179. ***Pithomyces sacchari*** (Speg.) M.B. Ellis on *Adhatoda* sp., Mandalay, 6-x-1974 (IMI 188945d).
180. ***Pleurophragmium capense*** (Thüm.) S. Hughes (= *Spiropes capensis* (Thüm.) M.B. Ellis) on *Corypha ?elata*, near Shwezayan Pagoda, east of Mandalay, 1-iv-1972 (IMI 166346); growing together with ***Spiropes guareicola*** (F. Stevens) Cif. on a *Meliolone* on *Citrus medica* var. *acida*, Mandalay, 20-xi-1974 (IMI 200633).
181. ***Prathigada crataevae*** (Syd.) Subram. on *Crateva nurvala* var. *nurvala*, Leway, 11-ii-1973 (IMI 173532); Nyaungdon (Yandon), 13-iv-1975 (LAM 220049); *C. religiosa*, Tutkon, 20-xi-1973 (IMI 182578).
182. ***Pseudocercospora ?hiptages*** (Petch) U. Braun & Crous (= *Cercospora hiptages* Petch) on *Hiptage candicans* (Vernacular = *Za-ma-ni*), Mandalay (Anonymous 1961).
183. ***Pseudocercospora pterocauli*** (Petr.) Deighton (= *Chaetotrichum pterocauli* Petr. as *pterocaulonis*) on *Pterocaulon cylindrostachyum*, Sagaing, 25-xi-1971 (IMI 162854); Burma (Ellis 1976, Thaug 1984).
184. ***Pteroconium*** sp. (Anamorphic ***Apiospora camptospora*** Penz. & Sacc.) on leaf-sheaths of *Saccharum officinarum*, Belin (Rhind & Seth 1945, Thaug 1971).
185. ***Pyricularia grisea*** (Cooke) Sacc. (Anamorphic ***Magnaporthe grisea*** (T.T. Hebert) M.E. Barr; = *Pyricularia oryzae* Cavara) on leaves of ?*Chloris* sp., Namsan, Loilem District, S.S.S., 1-viii-1972 (IMI 170080); *Costus speciosus*, Rangoon, 23-ix-1979 (LAM 220631), conidia 22-29.5 x 7.5 µm; *Digitaria pruriens*, Amarapura (Rhind and Seth 1945); grass, Rangoon, 16-vii-1979 (LAM 220529); ?*Isachne australis* (Vernacular = *Let-the-kwe* or *Zaung myet*), Hmawbi Farm, 26-x-1979 (LAM 220629a); *Oryza sativa*, throughout Burma (Rhind & Seth 1945), Nyaunglebin, 24-vii-1979 (LAM 220530); *Panicum repens*, Mandalay, 2-x-1979 (LAM 220749a); *Paspalum sanguinale* (Rhind 1928), *Pennisetum ?orientale*, Taikkyi Farm, 25-x-1979 (LAM 220630); *Setaria italica*, Mandalay, 17-xii-1970 (IMI 153659b); *Zingiber barbatum*, Gyogon, 14-x-1979 (LAM 220632). Note: conidia 2-septate, 20-22 x 10-12 µm per Saccardo (1892).
186. ***Ramulispora sorghi*** (Ellis & Everh.) L.S. Olive & Lefebvre (= *Cercospora sorghi* Ellis & Everh.) on *Setaria italica*, Mandalay, 17-xii-1970 (IMI 153659a); *Sorghum vulgare*, Kyaukpandaung, 25-xii-1977 (LAM 220460); *Sorghum* sp.; Taungtha, 20-xii-1977 (LAM 220329d).
187. ***Ramularia*** sp. on *Nyctanthes arbor-tritis*, Myay-Padetha, Rangoon, 20-i-1975 (IMI 191515).
188. ***Rhizoctonia bataticola*** (Taubenh.) E.J. Butler (= ***Macrophomina phaseolina*** (Tassi) Goid.; *Sclerotium bataticola* Taubenh) on *Cajanus cajan*, *Dipterocarpus ?obtusifolius*, Yezin campus, 11-vi-1977 (LAM 220161); *Dipterocarpus* sp., Salin, 12-

- x-1971 (IMI 161268); *Durio zibethinus*, Moulmein, 21-xii-1973 (IMI 188941); *Nerium odorum*, Mandalay, 7-i-1974 (IMI 187212); *Arachis hypogaea*, *Areca catechu*, and *Sesamum orientale* throughout Burma (Rhind & Seth 1945); in rice-based cropping systems in Burma (Than *et al.* 1991). **Note:** *Phoma gentianae-sino-ornatae* Punith. & R. Harling is a similar fungus (Boerema *et al.* 2004).
189. **Rhizoctonia solani** J.G. Kühn (Anamorphic **Thanatephorus cucumeris** (A.B. Frank) Donk) in roots of *Cicer arietinum*, *Gossypium* spp., *Nicotiana tabacum*, *Phaseolus acutifolius*, *P. lunatus*, *P. vulgaris*, and *Solanum tuberosum* throughout Burma (Rhind & Seth 1945); banded sclerotial disease on leaves of *Saccharum officinarum*, Myitkyina and Pyinmana (McLean 1935).
190. **Sclerotium oryzae** Catt. (Anamorphic **Magnaporthe salvinii** (Catt.) R.A. Krause & R.K. Webster) on culms of *Oryza sativa* in Burma, causing 'gwa-bo' disease or late/extra tillers with unfilled grains, produced black, shining sclerotia inside the hollow culms of *Oryza sativa* in Burma (Butler 1918, Butler & Bisby 1931, Rhind & Seth 1945, Su 1931, Thompstone & Sawyer 1922) thereby rotting the stem through sclerotial stage.
191. **Sclerotium rolfsii** Sacc. (Anamorphic **Athelia rolfsii** (Curzi) C.C. Tu & Kimbr.) on *Arachis hypogaea*, *Cicer arietinum*, *Lens esculenta*, and *Triticum vulgare*, Burma (Butler & Bisby 1931); *Lycopersicon esculentum*, collar rot at Maymyo and on *Saccharum officinarum* in general in Burma (Thaung 1971).
192. **Septonema solaninum** (Sacc. & Syd.) Hughes on *Ixora* sp., Pegu, 18-xii-1974 (IMI 194471b); *Sida humilis*, Nandayan Plantation, Katha, 15-ix-1973 (IMI 179308b).
193. **Septonema** sp. on *Dioscorea sativa*, Rangoon, 28-ix-1979 (LAM 220636b). **Note:** conidia in short chains, brown, 3-septate, smooth, simple, oblong, 29.5 x 7 µm.
194. **Spegazzinia deightonii** (Hughes) Subram. on *Imperata ?cylindrica*, Mingaladon, 25-xi-1979 (LAM 220764c).
195. **Spiropes armatellae** M.B. Ellis 1971 on *Armatella ?cinnamomicola* Hansf. on *Butea monosperma* (Vernacular = *Pauk-pin*), Thaton, 12-x-1971 (IMI 161265).
196. **Spiropes clavatus** (Ellis & G. Martin) M.B. Ellis (= *Bitunicostilbe clavata* (Ellis & G. Martin) M. Morelet) on tall grass (Vernacular = *Kala* or *Kaing* used in brooms), near Hinegyi-kyun (Bassein), 20-vii-1972 (IMI 170085).
197. **Spiropes davillae** (Syd.) M.B. Ellis and **Spiropes shoreae** M.B. Ellis on living leaves of *Tephrosia purpurea*, Kyauk-pa-daung, 12-xii-1977 (LAM 220842).
198. **Spiropes dorycarpus** (Mont.) M.B. Ellis on dead *Meliola* sp. on *Barringtonia* sp. (Vernacular = *Kyi -pin* or *Kye-pin*), Kyaikkaw near Thaton, 12-x-1971 (IMI 161264); on dead *Asterina* sp. on *Eugenia polyantha* (= *Syzygium polyanthum*), Kyaikkaw, near Thaton, 11-x-1971 (IMI 166347).
199. **Sporidesmium leptosporum** (Sacc. & Roum.) S. Hughes on dead and decaying sprouts of *Cocos nucifera*, Pyinmana, 1-xii-1973 (IMI 181642b).
200. **Sporidesmium** spp. on *Lagenaria vulgaris*, Insein, 29-ix-1979 (LAM 220593d); *Phrynium capitatum*, Vegetable Bazaar, Rangoon, 10-xii-1979 (LAM 220772a); *Salacca wallichiana*, Pegu, 28-xii-1977 (LAM 220962).
201. **Stemphylium vesicarium** (Wallr.) E.G. Simmons on *Allium sativum*, Aungban, S.S.S., 27-xii-1979 (LAM 220819b).
202. **Stenella vangeriae** (Thirum. & Mishra) Deighton (= *Biharia vangeriae* Thirum. & Mishra) on *Gardenia turgida*, Botanical Garden, Maymyo, 7-x-1974 (IMI 188951b) with a **Pseudocercospora** sp. (IMI 188951a).
203. **Stenella** (= *Biharia*) spp. on *Eriolobus hookeriana*, Botanical Garden, Maymyo, 15-ii-1974 (IMI 183213a); *Schleichera oleosa*, Botanical Garden, Maymyo, 15-ii-1974 (IMI 183212). **Note:** taxon on the first host could probably be called *Stenella eriolobi* K. Schub. & U. Braun, but not *Stenella eriolobi* (Thaung) K. Schub. & U. Braun.

204. ***Stigmina artocarp*** Thaug on *Artocarpus lakoocha*, Army training Unit, Maymyo, 14-ii-1973 (IMI 173552, holotype).
205. ***Stigmina careyae*** Thaug on *Careya arborea*, Maymyo, 28-i-1974 (IMI 182328, holotype).
206. ***Stigmina erythrinicola*** Thaug on *Erythrina suberosa*, Botanical Garden, Maymyo, 10-xii-1974 (IMI 190422, holotype).
207. ***Stigmina fici*** Pavgi & U.P. Singh on *Ficus obtusifolia*, North of Kyaukchaw en route Maymyo, 20-ii-1974 (IMI 182580).
208. ***Stigmina leptadeniae*** Thaug on *Leptadenia reticulata*, North of Kyaukchaw en route Maymyo, 21-ii-1974 (IMI 182588, holotype); *L. sp.*, Myay-Padetha, Rangoon, 20-i-1975 (IMI. 191512).
209. ***Stigmina palmivora*** (Sacc.) S. Hughes (= *Exosporium palmivororum* Sacc.) on *Borassus flabellifer*, Moulmein (Rhind & Seth 1945); Belin, Thaton District, 21-xii-1970 (IMI 170081); Rangoon, 3-ii-1978 (LAM 220338a); *Phoenix acaulis/paludosa*, Kyaukpandaung, 25-xii-1977 (LAM 220505b); Burma (Kirk 1999).
210. ***Stigmina tamarindi*** (Syd.) Morgan-Jones & W.B. Kendr. (= *Exosporium tamarindi* Syd.) on *Tamarindus indica*, Tavoy, 1-v-1972 (IMI 166370b); Rangoon, 11-xi-1979 (LAM 220727b); Burma (Ellis 1976).
211. ***Stigmina*** sp. on *Pergularia minor*, Rangoon, 7-xii-1976 (LAM 220053).
212. ***Stilbella burmensis*** (Mains) Samson & H.C. Evans (= *Stilbum burmense* Mains) on a flying ant from Burma (Mains 1948).
213. ***Tetraploa aristata*** Berk. & Broome on *Amomum corynostachyum*, Rangoon, 21-x-1979 (LAM 220625d); *Areca catechu*, Myitkyina, 19-vi-1980 (LAM 220942a); *Arundo donax* (stem nodes and leaf sheaths), Rangoon, 1-x-1979 (LAM 220658b); *Cocos nucifera*, Nantaung village, Thaton, 15-xii-1977 (LAM 220507a); *Cocos nucifera* (leaf stalk and spathe), Rangoon, 14-xii-1979 (LAM 220781b); *Euryclis amboinensis* in pot near Convocation Building, University of Rangoon, 28-vii-1975 (IMI 197643b); *Imperata cylindrica*, Mingaladon (Near Shwenyaungbin area), 25-xi-1979 (LAM 220764b); *Pandanus foetidus*, Rangoon, 20-viii-1979 (LAM 220533); *Saccharum sp.*, Rangoon, 12-viii-1979 (LAM 220557b); *Sesamum indicum*, Kyaunggon, 18-xii-1977 (LAM 220292b); ferns on trees, Rangoon, 27-x-1979 (LAM 220726d).
214. ***Torula herbarum*** (Pers.) Link on *Abrus precatorius*, Rangoon, 9-iii-1980 (LAM 220911); *Imperata cylindrica*, Rangoon, 18-vii-1979 (LAM 220559d).
215. ***Tretospora negrii*** M.B. Ellis (Anamorphic ***Balladynopsis negrii*** (E. Castell.) M.B. Ellis = *Phaeodimeriella negrii* E. Castell.) on *Randia dumetorum*, Maymyo, 2-xi-1977 (LAM 220244); leaves of *R. sp.*, Burma (Ellis 1976).
216. ***Trichothecium roseum*** (Pers.) Link on *Annona squamosa*, Kyaukme, N.S.S., 20-i-1978 (LAM 220418b); *Capparis flavicans*, Ava and Tadau, 13-iv-1973 (IMI 180774b); *Glochidion sp.*, Popa, 25-viii-1977 (LAM 220339); *Gossypium sp.* (Cotton), Taungtha, 18-xii-1977 (LAM 220343b); *Ipomoea ?bona-nox*, Pyinmana, 28-xii-1977 (LAM 220890e); *Hevea braziliensis*, Mudon, 01-v-1972 (IMI 166353); on dead fruits of *Psidium guajava*, Mandalay (Rhind & Seth 1945).
217. ***Trimmatostroma*** sp. growing in exudate on pods of *Acacia leucophloea*, Mandalay, 18-iii-1972 (IMI 164839).
218. ***Ustilaginoidea ochracea*** Henn. in the flowers of *Panicum auritum*, Hmawbi (Rhind & Seth 1945).
219. ***Ustilaginoidea virens*** (Cooke) Takh. as false smut in the flowers of *Oryza sativa*, Mandalay, Hmawbi, etc. (Rhind & Seth 1945, Seth 1945); Kyaukse, 3-xii-1977 (LAM 220537).
220. ***Verticillium albo-atrum*** on cotton, Aung-pin-le near Mandalay, causing wilt (Thaug 1970).
221. ***Walkeromyces grewiae*** Thaug on leaves of *Grewia macrophylla*, Kyaukchaw near Maymyo, 26-ix-1974 (IMI 188948, holotype). Cf. *Cercospora grewiae* H.C.

Srivast. & P.R. Mehta, *Mycovellosiella grewiae* (H.C. Srivast. & P.R. Mehta) Deighton, *Passalora grewiae* (H.C. Srivast. & P.R. Mehta) U. Braun & Crous, and *Pseudocercospora grewiae* (H.C. Srivast. & P.R. Mehta) X.J. Liu & Y.L. Guo.

222. **Wiesneriomyces laurinus** (Tassi) P.M. Kirk (= *Wiesneriomyces javanicus* Koord) on *Carissa carandas*, Pindaya, S.S.S., 28-xii-1979 (LAM 220855); *Psidium guajava*, Kyaukpandaung, 7-xii-1977 (LAM 220482b).
223. **Zygosporium majus** Piroz. on *Hygrophila spinosa*, Mandalay, 7-ii-1973 (IMI 172880). Note: conidia measured 13-16 µm.
224. **Zygosporium masonii** S. Hughes on *Artabotrys burmanicus*, Monywa, 2-viii-1977 (LAM 220274).
225. **Zygosporium minus** S. Hughes on *Galphimia* sp., near Natural History Museum on Kandawgyi Lake, Rangoon, 30-iii-1973 (IMI 176161a); *Rhinacanthus communis*, Thebaw (Hsipaw), N.S.S., 11-x-1973 (IMI 180767).
226. **Zygosporium oscheoides** Mont. on *Dracaena angustifolia*, Botanical Garden, Maymyo, 28-12-1972 (IMI 188953a); *Galphimia* sp., near Natural History Museum on Kandawgyi Lake, Rangoon, 30-iii-1973 (IMI 176161b).
227. **Zygosporium** sp. on *Heterophragma sulfureum*, Yezin, 6-i-1978 (LAM 220420).

Host Index

- Abrus** [Leguminosae] **A. precatorius** L. — *Torula herbarum*
- Abutilon** [Malvaceae] **A. indicum** (L.) Sweet — *Eremothecium coryli*, *E. gossypii*.
- Acacia** [Leguminosae] **A. concinna** DC. — *Camptomeris albiziae*; **A. leucophloea** Willd. — *Trimmatostroma* sp.; **A. pennata** Willd. — *Camptomeris albiziae*.
- Actinodaphne** [Lauraceae] **A. angustifolia** Nees — *Microxyphium* sp., *Pithomyces cupaniae*.
- Adhatoda** [Acanthaceae] **A.** sp. — *Alternaria tenuissima*, *Curvularia lunata*, *Periconia byssoides*, *Pithomyces sacchari*.

Agave [Agavaceae] **A. sisalana** Perinne ex Engelm. — *Corynespora cassiicola*, *Curvularia lunata*.

Allium [Alliaceae] **A. cepa** L. — *Alternaria porri*; **A. sativum** L. — *Alternaria porri*, *Stemphylium vesicarium*; **A.** sp. — *Alternaria putrefaciens*, *Aspergillus niger* var. *niger*.

Alpinia [Zingiberaceae] **A. conchigera** Griff. — *Phaeodactylum alpiniae*.

Alternanthera [Amaranthaceae] **A. philoxeroides** (Mart.) Griseb. — *Nimbya alternantherae*; **A. ?sessilis** R. Br. — *Nimbya alternantherae*

Althaea [Malvaceae] **A. rosea** Cav. — *Alternaria tenuissima*, *Myrothecium roridum*, *Periconia byssoides*.

Amomum [Zingiberaceae] **A. corynostachyum** Wall. — *Curvularia geniculata*, *Phaeodactylum alpiniae*, *Tetraploa aristata*.

Andrographis [Acanthaceae] **A. paniculata** (Burm. f.) Wall. ex Nees — *Alternaria* sp.

Annona [Annonaceae] **A. muricata** L. — *Cladosporium herbarum*; **A. squamosa** L. — *Corynespora cassiicola*, *Trichothecium roseum*.

ant [Insecta Hymenoptera: Formicidae] flying ant — *Stilbella burmensis*.

Araceae — *Alternaria* sp.

Arachis [Leguminosae] **A. hypogaea** L. (seeds and field soils) — *Aspergillus flavus*, *Rhizoctonia bataticola*, *Sclerotium rolfsii*.

Areca [Arecaceae] **A. catechu** L. — *Acroconidiellina arecae*, *Curvularia eragrostidis*, *Parachionomyces acroconidiellinae*, *Rhizoctonia bataticola*, *Tetraploa aristata*.

Arecaceae (Royal Palm) — *Melanographium citri*.

Artabotrys [Annonaceae] **A. burmanicus** DC. — *Zygosporium masonii*.

Artocarpus [Moraceae] **A. incisus** (Thunb.) L. f. — *Cylindrocarpon* sp.; **A. integra** Merr.

- *Bipolaris hawaiiensis*, *Curvularia lunata*, *Pithomyces chartarum*; **A. lakoocha** Roxb.
– *Stigmina artocarp*.
- Arundo** [Poaceae] **A. donax** L. – *Tetraploa aristata*.
- Axonopus** [Poaceae] **A. compressus** (Sw.) P. Beauv. – *Curvularia geniculata*, *C. lunata*.
- Azima** [Salvadoraceae] **A. tetracantha** Lam. – *Alternaria* sp.
- Balanites** [Balanitaceae] **B. triflorus** van Tiegh – *Alternaria* sp.
- Bamboo** [Poaceae] – *Arthrinium phaeospermum*, *Haplobasidium lelebae*, *Leptoxyphium* sp.
- Bambusa** [Poaceae] **B. siamensis** Kurz (= *Thyrsostachys siamensis* Gamble) – *Acremonium* sp., *Arthrinium arundinis*, *Cordella johnstonii*; **B.** sp. – *Bipolaris hawaiiensis*, *Coniosporium bambusae*.
- Barringtonia** [Lecythidaceae] **B.** sp. – *Spiropes dorycarpus*.
- Bauhinia** [Leguminosae] **B. acuminata** L. – *Periconia* sp.; **B.** sp. – *Bipolaris hawaiiensis*, *Curvularia pallescens*, *Epicoccum nigrum*, *Nigrospora sphaerica*, *Periconia byssoides*.
- bean** [Papilionaceae] – *Curvularia pallescens*.
- Beilschmiedia** [Lauraceae] **B.** sp. – *Stigmopeltis phoebes*.
- Beta** [Chenopodiaceae] **B. vulgaris** L. – *Alternaria alternata*.
- Borassus** [Arecaceae] **B. flabellifer** L. – *Stigmina palmivora*.
- Bougainvillea** [Nyctaginaceae] **B. spectabilis** Willd. – *Alternaria* sp., *Curvularia pallescens*.
- Brassica** [Brassicaceae] **B. alba** (L.) Rabenh. – *Alternaria brassicae*, *Periconia byssoides*; **B. campestris** L. – *Alternaria brassicae*; **B. campestris** var. **rapa** L. – *Alternaria brassicae*; **B. oleracea** L. – *Alternaria brassicicola*; **B. oleracea** var. **botrytis** L. – *Alternaria brassicae*; **B. oleracea** var. **capitata** L. – *Alternaria brassicae*; **B. oleracea** var. **caulorapa** L. – *Alternaria brassicae*
– *Alternaria brassicae*
- bread** – *Aspergillus clavatus*.
- Bridelia** [Euphorbiaceae] **B. retusa** Spreng. – *Parapithomyces brideliae*.
- Brunfelsia** [Solanaceae] **B. pauciflora** Benth. – *Alternaria tenuissima*, *Periconia byssoides*.
- Butea** [Leguminosae] **B. monosperma** Kuntze – *Corynespora cassicola*, *Spiropes armatellae*.
- Cajanus** [Fabaceae] **C. cajan** (L.) Millsp. – *Fusarium udum*, *Rhizoctonia bataticola*.
- Calamus** [Arecaceae] **C.** sp. – *Arthrinium* sp., *Mycoleptodiscus* sp.
- Calendula** [Asteraceae] **C. officinalis** L. – *Alternaria zinniae*.
- Callistephus** [Asteraceae] **C. chinensis** Nees – *Alternaria zinniae*, *Fusarium oxysporum* f. sp. *callistephi*.
- Calotropis** [Asclepiadaceae] **C. gigantea** (Willd.) R. Br. – *Alternaria alternata*, *Curvularia lunata*, *Myrothecium roridum*.
- Capparis** [Capparaceae] **C. flavicans** Wall. – *Trichothecium roseum*.
- Careya** [Lecythidaceae] **C. arborea** Roxb. – *Stigmina careyae*.
- Carissa** [Apocynaceae] **C. carandas** L. – *Mycoleptodiscus* sp., *Wiesneriomyces laurinus*.
- Carum** [Apiaceae] **C. carvi** L. – *Alternaria tenuissima*, *Periconia byssoides*.
- Casimiroa** [Rutaceae] **C. edulis** S. Watson – *Fusarium incarnatum*.
- Cassia** [Leguminosae] **C. siamea** Lam. – *Alternaria alternata*, *Microxyphium artocarp*, **C. fistula** L./**renigera** Wall. – *Corynespora cassicola*.
- Ceiba** [Bombacaceae] **C. pentandra** Gaertn. f. – *Corynespora cassicola*.

- Celosia** [Amaranthaceae] **C. argentea** var. **cristata** (L.) Kuntze — *Curvularia lunata*, *Fusarium lateritium*, *Nimbya pimpriana*.
- Centaurea** [Asteraceae] **C.** sp. — *Alternaria tenuissima*.
- Chloris** sp. [Poaceae] **C.** sp. — *Pyricularia grisea*.
- Chrysanthemum** [Asteraceae] **C.** sp. — *Alternaria chrysanthemi*.
- Cicer** [Leguminosae] **C. arietinum** L. — *Rhizoctonia solani*, *Sclerotium rolfsii*, *Fusarium oxysporum* f. sp. *ciceris*.
- Cinnamomum** [Lauraceae] **C. camphora** (L.) T. Nees & C.H. Eberm. — *Alternaria* sp.; **C. inunctum** Meisn. — *Hemibeltrania cinnamomi*, *Periconia byssoides*; **C.** sp. — *Hemibeltrania cinnamomi*.
- Citharexylum** [Verbenaceae] **C. suberratum** Sw. — *Epicoccum nigrum*.
- Citrullus** [Cucurbitaceae] **C. vulgaris** Schrad. — *Alternaria alternata* f.sp. *cucurbitae*, *Periconia* sp.
- Citrus** [Rutaceae] **C. aurantium** L. — *Fusarium* sp., *Penicillium digitatum*, *P. italicum*; **C. decumana** L. — *Fusarium* sp.; **C.** fruit — *Aspergillus niger* var. *niger*; **C. medica** L. — *Mycoleptodiscus* sp.; **C. medica** var. **acida** (Roxb.) Hook. f. — *Pleurophragmium capense*, *Spiropes guareicola*; **C. medica** var. **limonum** Ross. — *Mycoleptodiscus* sp.; **C.** sp. — *Alternaria citri*.
- Clerodendrum** [Lamiaceae] **C. macrosiphon** Hook. f. — *Corynespora cassicola*; **C. serratum** Spreng. — *Corynespora cassicola*.
- Clinogyne** [Marantaceae] **C. dichotoma** Salisb. — *Curvularia affinis*, *C. lunata*.
- Cocos** [Arecaceae] **C. nucifera** L. — *Dictyosporium heptasporum*, *Sporidesmium leptosporum*, *Tetraploa aristata*.
- Colocasia** [Araceae] **C.** sp. — *Cladosporium colocasiae*, *Neojohnstonia colocasiae*.
- Combretum** [Combretaceae] **C.** sp. — *Periconiella* sp.
- Congea** [Lamiaceae] **C. tomentosa** Roxb. — *Cercospora* sp.
- Cordia** [Boraginaceae] **C. dichotoma** G. Forst. — *Cercospora* sp.
- Coreopsis** [Asteraceae] **C. tinctoria** Nutt. — *Alternaria zinniae*.
- Coriandrum** [Apiaceae] **C. sativum** L. — *Periconia byssoides*.
- Corypha** [Arecaceae] **C. elata** Roxb. — *Pleurophragmium capense*.
- Cosmos** [Asteraceae] **C. bipinnatus** Cav. — *Alternaria zinniae*; **C.** sp. — *Alternaria zinniae*, *Curvularia* sp.
- Costus** [Costaceae] **C. speciosus** Sm. — *Pyricularia grisea*.
- Crateva** [Capparaceae] **C. nurvala** Buch.-Ham. var. **nurvala** — *Prathigada crataevae*; **C. religiosa** G. Forst. — *Prathigada crataevae*.
- Crotalaria** [Leguminosae] **C. juncea** L. — *Alternaria crotalariicola*.
- Croton** [Euphorbiaceae] **C. calococcus** Kurz — *Alternaria* sp., *Corynespora cassicola*, *Drechslera* sp.
- Cruciferae** — *Alternaria brassicae*.
- Cucumis** [Cucurbitaceae] **C. melo** L. — *Alternaria alternata* f.sp. *cucurbitae*.
- Curcuma** [Zingiberaceae] **C. aromatica** Salisb. — *Alternaria* sp., *Phaeotrichoconis crotalariae*.
- Cynodon** [Poaceae] **C. dactylon** Pers. — *Bipolaris cynodontis*, *Curvularia intermedia*, *C. lunata*, *Myrothecium gramineum*, *Periconia lateralis*.
- Datura** [Solanaceae] **D. stramonium** L. — *Alternaria crassa*.
- Dendrocalamus** [Poaceae] **D. strictus** Nees — *Arthrimum phaeospermum*, *Coronospora dendrocalami*.
- Dichanthium** [Poaceae] **D. annulatum** Stapf — *Curvularia lunata*.

- Digitaria** [Poaceae] **D. pruriens** Buse — *Pyricularia grisea*.
- Dioscorea** [Dioscoreaceae] **D. sativa** L. — *Septonema* sp.
- Dipterocarpus** [Dipterocarpaceae] **D. obtusifolius** Teijsm. ex Miq. — *Rhizoctonia bataticola*; **D.** sp. — *Rhizoctonia bataticola*.
- Dracaena** [Dracaenaceae] **D. angustifolia** Roxb. — *Zygosporium oscheoides*; **D.** sp. — *Memnoniella subsimplex*.
- Duranta** [Verbenaceae] **D. plumeri** Jacq. — *Corynespora cassiicola*.
- Durio** [Bombacaceae] **D. zibethinus** Murr. — *Rhizoctonia bataticola*.
- Eclipta** [Asteraceae] **E. alba** Hassk. — *Alternaria zinniae*.
- Eichhornia** [Pontederiaceae] **E. crassipes** (Mart.) Solms. — *Alternaria eichhorniae*, *Myrothecium* sp.
- Elaeagnus** [Elaeagnaceae] **E. latifolia** L. — *Fusarium* sp.
- Elaeis** [Arecaceae] **E. guineensis** Jacq. — *Endocalyx melanoxanthus*.
- Erigeron** [Asteraceae] **E. asteroides** Roxb. — *Cercospora erigeronicola*.
- Eriolobus** [Rosaceae] **E. hookeriana** Decne. — *Stenella* sp.; **E. indica** Schn. — *Cladosporium eriolobi*, *Papilionospora aspergilloides*.
- Erythrina** [Fabaceae] **E. suberosa** Roxb. — *Stigmata erythrinicola*.
- Eugenia** [Myrtaceae] **E. polyantha** Wight — *Spiropes dorycarpus*; **E.** sp. — *Mycoleptodiscus* sp.
- Euphorbia** [Euphorbiaceae] **E. geniculata** Oretaga — *Drechslera euphorbiae*; **E.** sp. — *Alternaria tenuissima*.
- Euryclis** [Amaryllidaceae] **E. amboinensis** Loud. — *Curvularia trifolii*, *Tetraploa aristata*.
- Ficus** [Moraceae] **F. carica** L. — *Gonatophragmium mori*; **F. obtusifolia** Roxb. — *Stigmata fici*; **F. religiosa** L. — *Microxyphium* sp.; **F.** sp. — *Alternaria ficinae*.
- Galpimia** [Malpighiaceae] **G.** sp. — *Zygosporium minus*, *Z. oscheoides*.
- Garcinia** [Clusiaceae] **G. mangostana** L. — *Corynespora cassiicola*.
- Gardenia** [Rubiaceae] **G. turgida** Roxb. — *Stenella vangueriae*.
- Gilnus** [Molluginaceae] **G. oppositifolius** (L.) A. DC. (= *Mollugo spargula* L.) — *Alternaria* sp.
- Gladiolus** [Iridaceae] **G.** sp. — *Arthrimum curvatum* var. *curvatum*.
- Glochidion** [Euphorbiaceae] **G.** sp. — *Trichothecium roseum*.
- Glycine** [Leguminosae] **G. hispida** Maxim. — *Alternaria tenuissima*.
- Gomphrena** [Amaranthaceae] **G. globosa** L. — *Nimbya gomphrenae*.
- Gossypium** [Malvaceae] **G. neglectum** Tod. — *Fusarium oxysporum* f. sp. *vasinfectum*; **G.** sp. — *Trichothecium roseum*; **G.** sp. (cotton) — *Alternaria alternata*, *Rhizoctonia solani*, *Verticillium albo-atrum*.
- grass** [Poaceae] — *Curvularia verruculosa*, *Pyricularia grisea*, *Spiropes clavatus*.
- Grewia** [Tiliaceae] **G. macrophylla** G. Don — *Walkeromyces grewiae*.
- Helianthus** [Asteraceae] **H. annuus** L. — *Alternaria helianthi*, *Curvularia lunata*.
- Heterophragma** [Bignoniaceae] **H. sulfureum** Kurz. — *Zygosporium* sp.
- Hevea** [Euphorbiaceae] **H. braziliensis** (Willd. ex A. Juss.) Müll.Arg. — *Bipolaris heveae*, *Curvularia* sp., *Periconia manihoticola*, *Trichothecium roseum*.
- Hiptage** [Malpighiaceae] **H. candicans** Hook. f. — *Pseudocercospora* ? *hiptages*.
- Homo** [Hominidae] **H. sapiens** — *Penicillium marneffeii*.

- Hordeum** [Poaceae] *H. vulgare* L. — *Drechslera graminea*, *Drechslera teres*.
- Hydrangea** [Hydrangeaceae] *H. macrophylla* (Thunb.) Ser. — *Corynespora cassicola*.
- Hygrophila** [Acanthaceae] *H. spinosa* T. Anders — *Zygosporium majus*.
- Imperata** [Poaceae] *I. cylindrica* (L.) P. Beauv. — *Alternaria longissima*, *Bipolaris sacchari*, *Curvularia lunata*, *Drechslera* sp., *Nigrospora sphaerica*, *Spegazzinia deightonii*, *Tetraploa aristata*, *Torula herbarum*.
- Ipomoea** [Convolvulaceae] *I. batatas* (L.) Poir. or *digitata* L. — *Periconia byssoides*; *I. bona-nox* L. — *Alternaria* ?*bataticola*, *Fusarium oxysporum* f. sp. *batatas*, *Trichothecium roseum*.
- Isachne** [Poaceae] *I. australis* R. Br. — *Pyricularia grisea*.
- Ixora** [Rubiaceae] *I. coccinea* L. — *Septonema solaninum*.
- Jasminum** [Oleaceae] *J.* sp. — *Alternaria dianthi*.
- Lagenaria** [Cucurbitaceae] *L. vulgaris* Ser. — *Alternaria alternata* f.sp. *cucurbitae*, *Curvularia* sp., *Sporidesmium* sp.
- Leersia** [Poaceae] *L. hexandra* Sw. — *Bipolaris oryzae*.
- Lens** [Leguminosae] *L. esculenta* Moench — *Sclerotium rolfsii*.
- Leptadenia** [Asclepiadaceae] *L. reticulata* (Retz.) Wight & Arn. — *Stigmia leptadeniae*; *L.* sp. — *Stigmia leptadeniae*.
- Leucas** [Lamiaceae] *L. aspera* Spreng. — *Alternaria* sp., *Corynespora cassicola*, *Curvularia lunata*, *Drechslera* sp.
- Liliaceae** (*Dracaena/Pleomele* sp.) — *Curvularia* sp., *Myrothecium roridum*.
- Lilium** [Liliaceae] *L. sulphureum* Baker ex Hook. f. — *Alternaria tenuissima*, *Epicoccum nigrum*.
- Litsea** [Lauraceae] *L.* sp. — *Chlamydomyces palmarum*.
- Livistona** [Arecaceae] *L. speciosa* Kurz — *Alternaria tenuissima*, *Endocalyx melanoxanthus*.
- Lycopersicum** [Solanaceae] *L. esculentum* Mill. — *Alternaria* sp., *Sclerotium rolfsii*.
- Lygodium** [Schizaeaceae] *L. flexuosum* (L.) Sw. — *Periconiella* sp.
- Madhuca** [Sapotaceae] *M. longifolia* Macbride — *Mycoleptodiscus* sp.
- Mangifera** [Anacardiaceae] *M. indica* L. — *Cercospora* sp., *Gonatophragmium mangiferae*.
- match stick** — *Aspergillus fumigatus*.
- Melia** [Meliaceae] *M. azadirachta* L. — *Cercospora leucosticta*; *M. azedarach* L. — *Cercospora leucosticta*.
- Molass** — *Aspergillus niger* var. *niger*.
- Momordica** [Cucurbitaceae] *M. charantia* L. — *Alternaria tenuissima*, *Cladosporium* sp., *Fusarium* sp.
- Musa** [Musaceae] *M. paradisiaca* var. *arakanensis* Ripley — *Cordana musae*; *M. sapientum* L. — *Deightoniella torulosa*; *M. sapientum* var. *arakanensis* Ripley — *Alternaria* sp., *Periconiella* sp.; *M. sapientum* var. *rubra* Firminger — *Deightoniella torulosa*, *Drechslera musae-sapientum*.
- Nephelium** [Sapindaceae] *N. lit-chi* Cambess. — *Cylindrocarpon luteoviride*.
- Nerium** [Apocynaceae] *N. odorum* Soland — *Periconia byssoides*, *Rhizoctonia bataticola*.
- Nicotiana** [Solanaceae] *N. tabacum* L. — *Rhizoctonia solani*.
- Nyctanthes** [Oleaceae] *N. arbor-tritis* L. — *Ramularia* sp.
- Ocimum** [Lamiaceae] *O. basilicum* L. — *Corynespora cassicola*.
- Oryctes** [Insecta, Coleoptera] *O. rhinoceros* L. — *Metarhizium anisopliae*.

- Oryza** [Poaceae] **O. sativa** L. — *Alternaria padwickii*, *Bipolaris maydis*, *B. oryzae*, *Cladosporium miyakei*, *Curvularia geniculata*, *C. lunata*, *Fusarium moniliforme*, *Nigrospora sphaerica*, *Pyricularia grisea*, *Rhizoctonia bataticola*, *Sclerotium oryzae*, *Ustilagoidea virens*.
- paddy soils** — *Aspergillus flavus*, *A. niger* var. *niger*, *A. tamarii*, *A. terreus*.
- Panicum** [Poaceae] **P. auritum** Hassk. — *Ustilagoidea ochracea*; **P. colonum** L. — *Bipolaris oryzae*; **P. repens** L. — *Myrothecium gramineum*, *Pyricularia grisea*.
- Paspalum** [Poaceae] **P. sanguinale** Lamk. — *Pyricularia grisea*.
- Passiflora** [Passifloraceae] **P. foetida** L. — *Phaeodactylum alpiniae*.
- Pastanica** [Apiaceae] **P. sativa** L. — *Alternaria* sp.
- peanut cakes** — *Aspergillus flavus*.
- Pennisetum** [Poaceae] **P. ?orientale** Rich. — *Pyricularia grisea*.
- Pentacme** [Dipterocarpaceae] **P. siamensis** Kurz. — *Bahusakala* sp.
- Pergularia** [Asclepiadaceae] **P. minor** Andr. — *Stigmina* sp.
- Phaseolus** [Leguminosae] **P. acutifolius** A. Gray — *Rhizoctonia solani*; **P. lunatus** L. — *Rhizoctonia solani*; **P. vulgaris** L. — *Rhizoctonia solani*.
- Phlox** [Polemoniaceae] **P.** sp. — *Alternaria* sp.
- Phoenix** [Arecaceae] **P. acaulis** Buch-Ham (?**paludosa** Roxb.) — *Stigmina palmivora*; **P.** sp. — *Annellophora phoenicis*.
- Phrynium** [Marantaceae] **P. capitatum** Willd. — *Sporidesmium* sp.
- Phyllanthus** [Euphorbiaceae] **P. niruri** L./**leschenaultii** Müll.Arg. — *Corynespora cassiicola*.
- Pimpinella** [Apiaceae] **P. anisum** L. — *Alternaria* sp.
- Piper** [Piperaceae] **P. betle** L. — *Microdochium dimerum*, *Mycoleptodiscus* sp.; **P. nigrum** L. — *Curvularia* sp.
- Plumeria** [Apocynaceae] **P. acutifolia** Poir. — *Corynespora cassiicola*.
- Prunus** [Rosaceae] **P. communis** Hud. — *Alternaria* sp., *Pithomyces ?atro-olivaceus*; **P. persica** Benth. & Hook. f. — *Fusicladium carpophilum*.
- Psidium** [Myrtaceae] **P. guajava** L. — *Trichothecium roseum*, *Wiesneriomyces laurinus*.
- Pterocaulon** [Asteraceae] **P. cylindrostachyum** C.B. Clarke — *Pseudocercospora pterocauli*.
- Pyrus** [Rosaceae] **P. communis** L. — *Fusicladium virescens*.
- Ranunculus** [Ranunculaceae] **R.** sp. — *Alternaria* sp.
- Raphanus** [Brassicaceae] **R. sativus** L. — *Alternaria japonica*.
- Rauvolfia** [Apocynaceae] **R. serpentina** Benth. ex Kurz — *Alternaria tenuissima*, *Bipolaris hawaiiensis*.
- Rhinacanthus** [Acanthaceae] **R. communis** Nees — *Zygosporium minus*.
- rice, bran** — *Aspergillus flavus*, *A. niger* var. *niger*, *A. tamarii*.
- rice, cake** — *Aspergillus aculeatus*.
- rice, cooked** — *Aspergillus tamarii*.
- rice, fermented** — *Candida saitoa*.
- rice, grains** — *Aspergillus* sp. with *Streptomyces* sp., *Penicillium* sp.
- Roystonea** [Arecaceae] **R. elata** (W. Bartram) F. Harper — *Bahusakala* sp.
- Rubiaceae** (**Hedyotis/Spermacoce** sp.) — *Curvularia andropogonis*, *C. ?borreriae*, *C. geniculata*.
- Saccharum** [Poaceae] **S. officinarum** L. — *Cercospora longipes*, *Fusarium moniliforme*, *F. subglutinans*, *Pteroniconium* sp.,

- Rhizoctonia solani*, *Sclerotium rolfsii*; **S.** sp. — *Arthrinium sacchari*, *Bipolaris sacchari*, *Corynespora cassiicola*, *Curvularia lunata*, *Hyalostachybotrys* sp., *Tetraploa aristata*.
- Salacca** [Arecaceae] **S. wallichiana** Mart. — *Acroconidiellina arecae*, *Bipolaris maydis*, *Curvularia geniculata*, *C. lunata*, *Drechslera* sp., *Sporidesmium* sp.
- Sapium** [Euphorbiaceae] **S. beccatum** Roxb. — *Corynespora cassiicola*.
- Schleichera** [Sapindaceae] **S. oleosa** (Lour.) Merr. — *Stenella* sp.
- Sesamum** [Pedaliaceae] **S. indicum** DC. (= **S. orientale** L.) — *Corynespora cassiicola*, *Drechslera sesami*, *Fusarium* sp., *Rhizoctonia bataticola*, *Tetraploa aristata*.
- Setaria** [Poaceae] **S. italica** (L.) P. Beauv. — *Drechslera setariae*, *Pyricularia grisea*, *Ramulispora sorghi*.
- Sida** [Malvaceae] **S. humilis** Cav. — *Septonema solaninum*; **S. rhombifolia** L. — *Alternaria macrospora*, *Corynespora cassiicola*.
- Solanum** [Solanaceae] **S. melongena** L. — *Alternaria tenuissima*, *Alternaria* sp., *Corynespora cassiicola*, *Periconia byssoides*; **S. ?trilobatum** L. — *Alternaria* sp.; **S. tuberosum** L. — *Alternaria solani*, *Rhizoctonia solani*.
- Sorghum** [Poaceae] **S. dochna** (Forssk.) Snowden — *Fusarium moniliforme*; **S. vulgare** Pers. — *Alternaria* ?*longissima*, *Ramulispora sorghi*; **S.** sp. — *Alternaria* ?*longissima*, *Ramulispora sorghi*.
- Spondias** [Anacardiaceae] **S. pinnata** (L.) Kurz — *Alternaria* sp.
- Sporobolus** [Poaceae] **S.** sp. — *Bipolaris crustacea*, *B. ravenelii*.
- Streptocaulon** [Asclepiadaceae] **S. tomentosum** Wight — *Corynespora cassiicola*.
- substrates, various** — *Aspergillus glaucus*.
- Tamarindus** [Leguminosae] **T. indica** L. — *Alternaria tenuissima*, *Curvularia lunata*, *C. senegalensis*, *Pithomyces maydicus*, *Stigmata tamarindi*.
- Tephrosia** [Leguminosae] **T. purpurea** Pers. — *Spiropes davillae*, *S. shoreae*.
- Thysanolaena** [Poaceae] **T. maxima** Kuntze — *Annellophragmia coonoorensis*, *Arthrinium arundinis*.
- Tribulus** [Zygophyllaceae] **T. terrestris** L. — *Alternaria* sp.
- Trichosanthes** [Cucurbitaceae] **T. palmata** Roxb. — *Dendryphiella vinosa*, *Gonatophragmium mori*, *Microxyphium* sp.
- Tridax** [Asteraceae] **T. procumbens** L. — *Cercospora tridaxis-procumbentis*.
- Triticum** [Poaceae] **T. vulgare** L. — *Bipolaris sorokiniana*, *Sclerotium rolfsii*.
- unknown plant** (probably *Simarubaceae*) — *Microxyphium* sp.
- unknown herb** (Vernacular = *tauk-te-let-wa*) — *Alternaria* sp.
- Valeriana** [Valerianaceae] **V. hardwickii** Wall. — *Alternaria* sp.
- Vallarisa** [Apocynaceae] **V. heynii** Spreng. — *Cylindrocarpon ukolayii*.
- Viola** [Violaceae] **V.** sp. — *Alternaria violae*, *Myrothecium roridum*.
- Vitex** [Lamiaceae] **V. glabrata** R. Br. — *Dictyospiropes* sp.
- Xanthium** [Asteraceae] **X. strumarium** L. — *Alternaria zinniae*.
- Zea** [Poaceae] **Z. mays** L. — *Alternaria* ?*longissima*, *Exserohilum turcicum*.
- Zingiber** [Zingiberaceae] **Z. barbatum** Wall. — *Pyricularia grisea*.
- Ziziphus** [Rhamnaceae] **Z. rugosa** Lam. — *Mitteriella ziziphi-rugosae*.

Table 1. Summary of hyphomycete/agonomycete distribution frequencies among their host plant families.

Host family	⁺ H	[*] I	Host family	⁺ H	[*] I	Host family	⁺ H	[*] I
1. Acanthaceae	4	7	25. Cucurbitaceae	5	12	49. Pedaliaceae	1	5
2. Agavaceae	1	2	26. Dioscoreaceae	1	1	50. Piperaceae	2	3
3. Alliaceae	3	5	27. Dipterocarpaceae	3	3	51. Poaceae	32	81
4. Amaranthaceae	4	6	28. Dracaenaceae	2	2	52. Polemoniaceae	1	1
5. Amaryllidaceae	1	2	29. Elaeagnaceae	1	1	53. Pontederiaceae	1	2
6. Anacardiaceae	2	3	30. Euphorbiaceae	7	13	54. Ranunculaceae	1	1
7. Annonaceae	3	4	31. Hydrangeaceae	1	1	55. Rhamnaceae	1	1
8. Apiaceae	4	5	32. Iridaceae	1	1	56. Rosaceae	5	7
9. Apocynaceae	5	8	33. Lamiaceae	6	9	57. Rubiaceae	3	5
10. Araceae	2	3	34. Lauraceae	5	8	58. Rutaceae	7	7
11. Arecaceae	12	25	35. Lecythidaceae	2	2	59. Salvadoraceae	1	1
12. Asclepiadaceae	5	7	36. Leguminosae	21	38	60. Sapindaceae	2	2
13. Asteraceae	13	16	37. Liliaceae	2	4	61. Sapotaceae	1	1
14. Balanitaceae	1	1	38. Malpighiaceae	2	3	62. Schizaeaceae	1	1
15. Bignoniaceae	1	1	39. Malvaceae	7	13	63. Solanaceae	7	13
16. Bombacaceae	2	2	40. Marantaceae	2	3	64. Tiliaceae	1	1
17. Brassicaceae	8	9	41. Meliaceae	1	1	65. Valerianaceae	1	1
18. Capparaceae	3	3	42. Molluginaceae	1	1	66. Verbenaceae	2	2
19. Chenopodiaceae	1	1	43. Moraceae	7	9	67. Violaceae	1	2
20. Clusiaceae	1	1	44. Musaceae	4	6	68. Zingiberaceae	4	7
21. Combretaceae	1	1	45. Myrtaceae	2	4	69. Zygophyllaceae	1	1
22. Convolvulaceae	2	4	46. Nyctaginaceae	1	2	70. Unknown host	2	2
23. Costaceae	1	1	47. Oleaceae	2	2			
24. Cruciferae	1	1	48. Passifloraceae	1	1			

⁺H= No. of host species infected. ^{*}I = No. of hyphomycetes/agonomycetes causing infection on host species.

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