

ENRICHMENT OF MICROBIAL CULTURE COLLECTION AT KFRI
(REPORT OF THE RESEARCH PROJECT KFRI RP – 483/2007)

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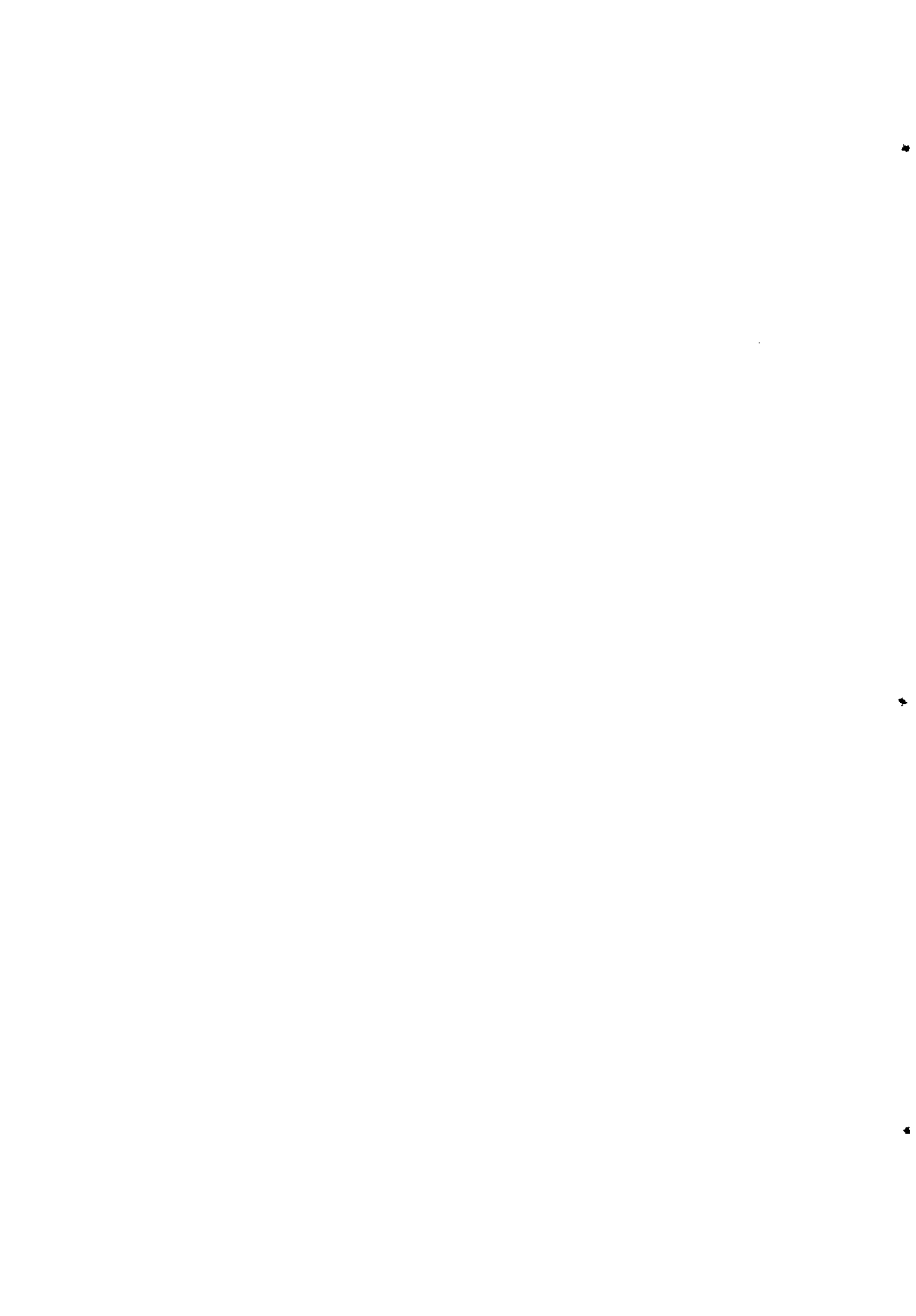


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ABSTRACT OF PROJECT PROPOSAL

Project No. : KFRI/483/2007

Title of Project : Enrichment of Microbial Culture Collection at KFRI

Objectives : 1. To index the identified microbial cultures and prepare a check list of identified species for easy information retrieval.

2. Ex-situ conservation of microbial cultures especially the fungal cultures and to prepare a compendium of identified species.

Duration : 2005-2012

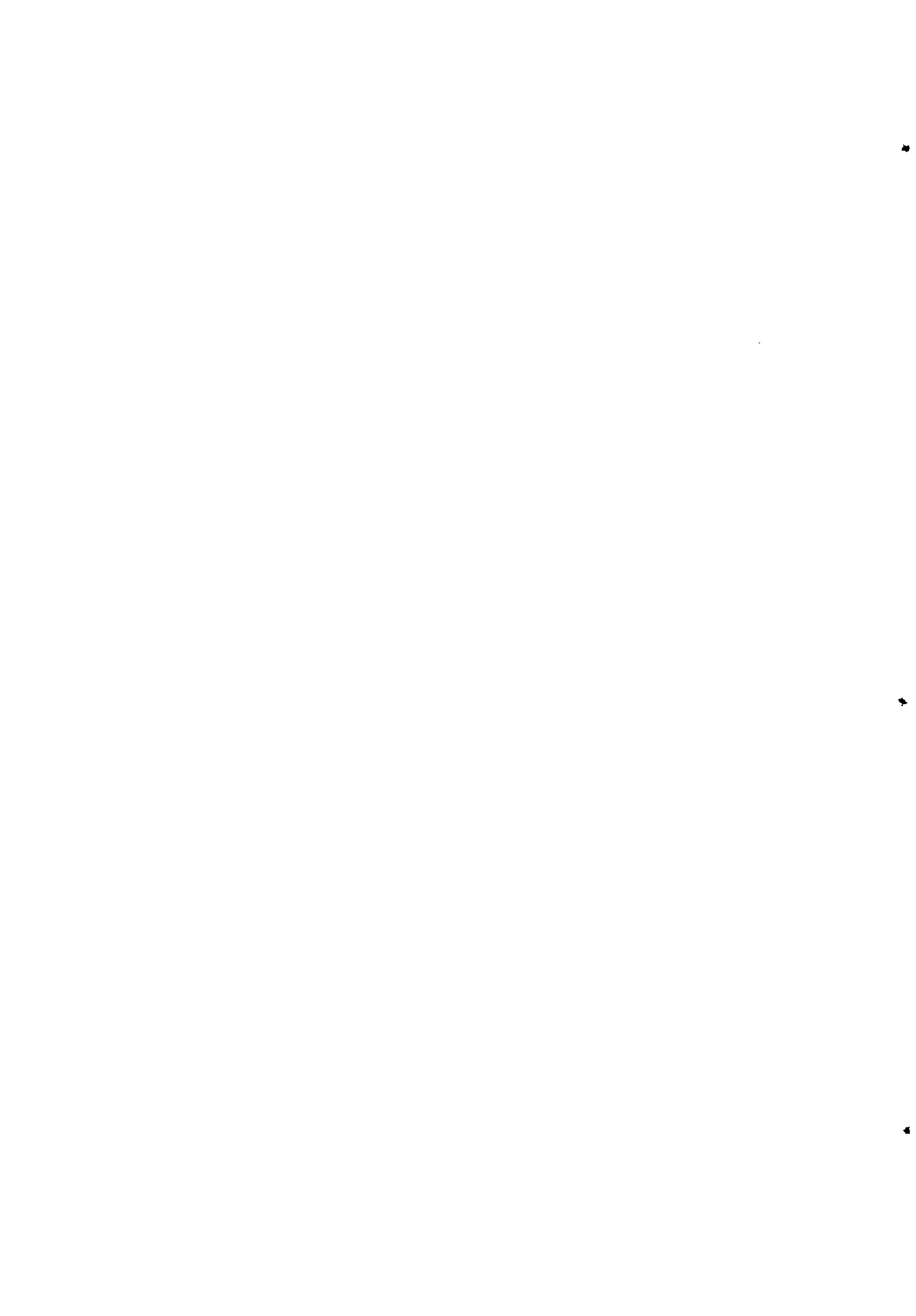
Funding Agency : KFRI Plan Grants

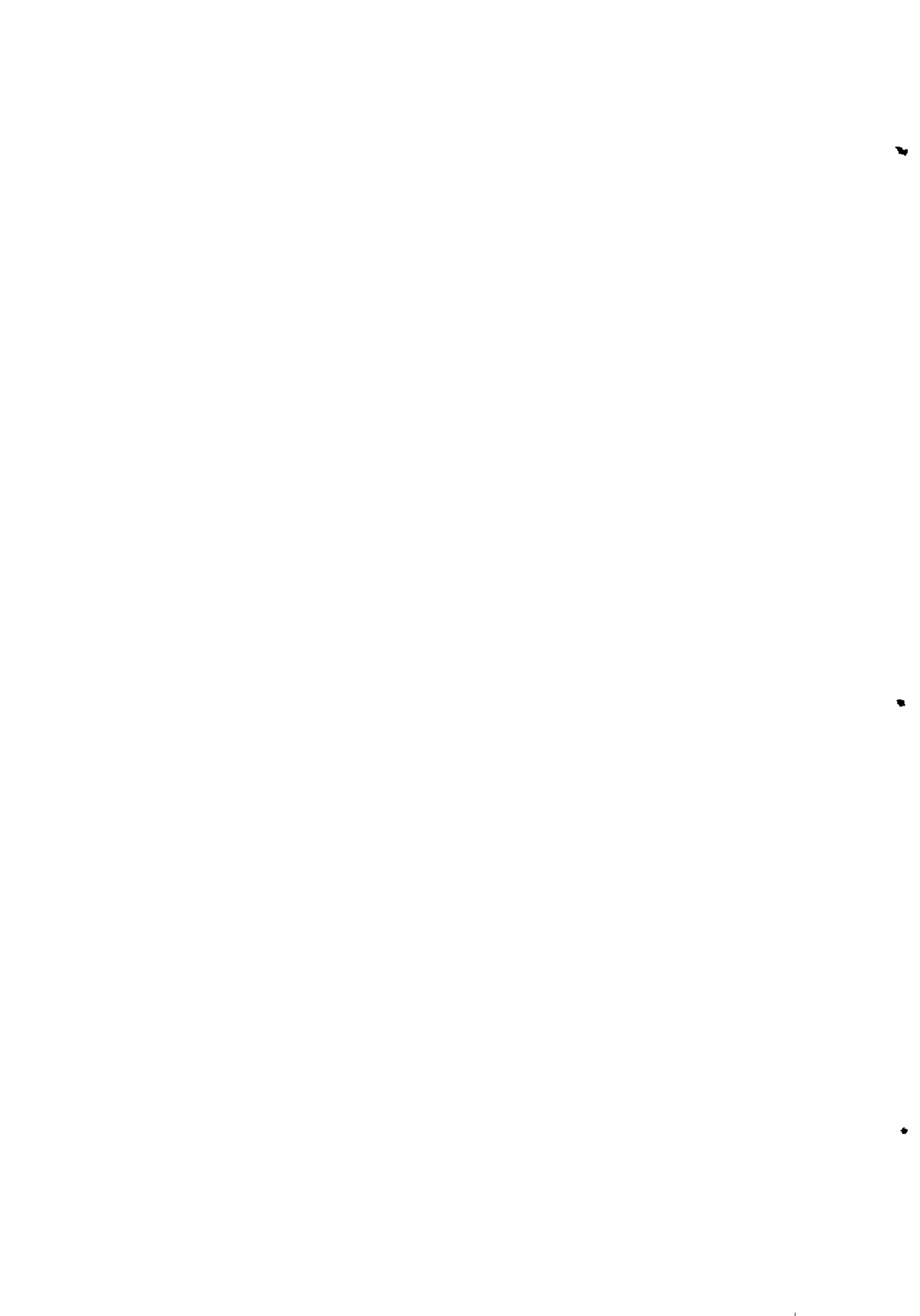
Project Team

Investigators : Dr. E. J. Maria Florence (Since June 2011)
Dr. G. E. Mallikarjuna Swamy (Since July 2011)
Dr. C. Mohanan (Up to May 2011)

ABSTRACT

Microbial culture collections are crucial resources providing microorganisms for research, references and industrial use. They act as repositories for microbial strains as part of patent deposits, confidential service to store key organisms for research, industry and society. The sources of microorganisms cited in scientific papers can also be confirmed and for further studies came out making use of these collections. Microbial culture collections are considered as libraries, but instead of books they hold microorganisms. In the microbial culture collection of Kerala Forest Research Institute there are about 1696 species of fungal isolates, belonging to 51 genera. Periodic sub-culturing of the specimens was done at 4-6 months intervals to maintain the virulence of the organisms. Most of the fungi in the collection were collected from different forest ecosystems of Kerala part of Western Ghats.





Introduction

Microorganisms comprise the greatest numbers of organisms on earth. They are vital components of the world's biodiversity, contributing immense value ecologically and economically. They are ubiquitous organisms, occurring in a wide range of environments that have physico-chemical conditions close to the limit values in which an organism can live. It is recognized that microorganisms can provide solutions to world problems in public health, food, environment and poverty. They are fundamentally important in ecosystems, breaking down complex animal and plant remains in soil and thus releasing essential nutrients for plant growth. They form beneficial mutualistic relationships with various plants like nitrogen-fixing rhizobia with leguminous plants and mycorrhiza with forest trees. They are also beneficial to humankind as source of valuable drugs, which are biocontrol agents for pests and pathogens as well as in the detoxification of wastes and degradation.

Microbial culture collections have existed since bacteriologists were first able to isolate and cultivate microorganisms and have been essential aspect of microbiology (Brenner *et al.*, 2005). They supply a rich source of microorganisms that are of past, present and potential future interest (Waites *et al.*, 2001). They are usually considered as a means to preserve microorganisms *ex situ* (Uruburu, 2003).

The present project was intended to collect and preserve microorganisms from different ecosystems of Kerala. The objectives of the proposal are 1. To index the identified microbial cultures and prepare a check list of identified species for easy information retrieval and 2. Ex-situ conservation of microbial cultures especially the fungal cultures and to prepare a compendium of identified species.

Materials and Methods

Isolation and preservation: Isolation of the microorganisms was made from the infected plant specimens, soil, litter, etc. Disease specimens and soil samples collected from the field were transported in separate clean polythene bags/paper covers to the laboratory. Small bits of the infected plant parts were inoculated into PDA after sterilizing the portion properly and incubated at 28 ± 2 °C for one week. The young hyphal tips of the 5-7 day-old-colony culture of the fungus produced around the infected material were transferred aseptically into sterilized Petri dishes having PDA medium amended with antibiotic penicillin/streptomycin (25 mg l^{-1}). From the pure culture, agar discs of fungal cultures were transferred to agar slants made of PDA and stored at below 4°C.

Identification: The pure fungal cultures were identified using standard references (Booth, 1971; Domesch and Gams, 1980; Ellis and Ellis, 2001; Nag Raj, 1993; Sutton, 1980).

Results

In the microbial culture collection of KFRI there are about 1696 species of fungal isolates, which belonged to 51 genera (Table1).

Table 1. List of the identified genera of fungi in the culture collection

Sl. No.	Genera
1	<i>Alternaria</i>
2	<i>Ascochyta</i>
3	<i>Beltrania</i>
4	<i>Beltraniopsis</i>
5	<i>Bipolaris</i>
6	<i>Botrytis</i>
7	<i>Botryosphaeria</i>
8	<i>Calonectria</i>
9	<i>Cercospora</i>
10	<i>Chaetomella</i>
11	<i>Chaetospermum</i>
12	<i>Cladosporium</i>
13	<i>Colletotrichum</i>
14	<i>Coniella</i>

Contd...

Table 1. Continued

15	<i>Corynespora</i>
16	<i>Cryptosporiopsis</i>
17	<i>Curvularia</i>
18	<i>Cylindrocarpon</i>
19	<i>Cylindrocladium</i>
20	<i>Cytospora</i>
21	<i>Dactylaria</i>
22	<i>Dendrophoma</i>
23	<i>Dothiorella</i>
24	<i>Fusarium</i>
25	<i>Glomerella</i>
26	<i>Guignardia</i>
27	<i>Helminthosporium</i>
28	<i>Lasiodiplodia</i>
29	<i>Marssonina</i>
30	<i>Microsphaeropsis</i>
31	<i>Mycosphaerella</i>
32	<i>Mycotribulus</i>
33	<i>Mycovellosiella</i>
34	<i>Myrothecium</i>
35	<i>Pestalotiopsis</i>
36	<i>Phaeoramularia</i>
37	<i>Phoma</i>
38	<i>Phomopsis</i>
39	<i>Phyllosticta</i>
40	<i>Physalospora</i>
41	<i>Pseudosercospora</i>
42	<i>Pullospora</i>
43	<i>Pythium</i>
44	<i>Readeriella</i>
45	<i>Rhizoctonia</i>
46	<i>Sclerotium</i>
47	<i>Septoria</i>
48	<i>Stagnospora</i>
49	<i>Stenocarpella</i>
50	<i>Urohendersonia</i>
51	<i>Verticillium</i>

Among these, *Phomopsis* (436 cultures), *Glomerella cingulata* (138 cultures), *Colletotrichum gloeosporioides* (143 cultures) and *Guignardia* (139 cultures) are the dominating ones (Table 2).

Table 2. List of the species identified in each genera

Sl. No.	Fungi	No. of species
1	<i>Alternaria alternata</i>	3
2	<i>A. citri</i>	2
3	<i>Alternaria</i> spp.	47
4	<i>Ascochyta</i> spp.	9
5	<i>Beltrania rhombica</i>	2
6	<i>Beltrania</i> sp.1	5
7	<i>Beltrania</i> sp.2	4
8	<i>Bipolaris spicifera</i>	2
9	<i>Bipolaris</i> sp.	3
10	<i>Botrytis cinera</i>	3
11	<i>Botryosphaeria</i> sp.	1
12	<i>Calonectria theae</i>	1
13	<i>Cercospora scopariae</i>	1
14	<i>C. terminaliae</i>	1
15	<i>Cercospora</i> sp.	2
16	<i>Chaetomella raphigera</i>	3
17	<i>Chaetospermum</i> sp.	1
18	<i>Cladosporium cladosporioides</i>	7
19	<i>C. herbarum</i>	4
20	<i>Cladosporium</i> sp.	7
21	<i>Colletotrichum acutatum</i>	5
22	<i>C. capsici</i>	10
23	<i>C. coccodes</i>	1
24	<i>C. coffeanum</i>	1
25	<i>C. crassipes</i>	4
26	<i>C. dematium</i>	6
27	<i>C. falcatum</i>	4
28	<i>C. gloeosporioides</i>	143
29	<i>C. lindemuthianum</i>	2
30	<i>Colletotrichum</i> sp.1	3
31	<i>Colletotrichum</i> sp.2	3
32	<i>Colletotrichum</i> sp.3	1
33	<i>Colletotrichum</i> sp.4	2
34	<i>Colletotrichum</i> spp.	102
35	<i>Coniella australiensis</i>	2
36	<i>C. fragariae</i>	28
37	<i>C. granati</i>	1
38	<i>C. minima</i>	4
39	<i>C. petrakii</i>	4
40	<i>Coniella</i> spp.	8
41	<i>Corynespora cassicola</i>	23
42	<i>C. citricola</i>	3
43	<i>Corynespora</i> spp.	1
44	<i>Cryptosporiopsis</i> sp.1	2

Contd...

Table 2. Continued

45	<i>Curvularia borrrerae</i>	1
46	<i>C. clavata</i>	1
47	<i>C. eragrostidis</i>	2
48	<i>C. leonensis</i>	1
49	<i>C. lunta</i>	22
50	<i>C. ovoidea</i>	2
51	<i>C. pallescens</i>	5
52	<i>C. senegalensis</i>	3
53	<i>Curvulria sp.1</i>	1
54	<i>Curvulria spp.</i>	39
55	<i>Cylindrocarpon sp.1</i>	1
56	<i>Cylindrocladium clavatum</i>	1
57	<i>C. colhounii</i>	3
58	<i>C. floridianum</i>	5
59	<i>C. ilicicola</i>	2
60	<i>C. ovatum</i>	1
61	<i>C. quingeseptatum</i>	97
62	<i>C. scoparia</i>	1
63	<i>C. thea</i>	2
64	<i>Cytospora eucalypticola</i>	1
65	<i>Dactylaria sp.</i>	1
66	<i>Dendrophoma eucalypti</i>	1
67	<i>Dothiorella sp.1</i>	1
68	<i>F. equiseti</i>	4
69	<i>F. fusarioides</i>	2
70	<i>F. heterosporum</i>	1
71	<i>F. lateritium</i>	1
72	<i>F. moniliforme</i>	4
73	<i>F. oxysporum</i>	8
74	<i>F. sambucinum</i>	2
75	<i>F. semisetectum</i>	16
76	<i>F. solani</i>	13
77	<i>F. sporotrichoides</i>	1
78	<i>F. pricinctum</i>	1
79	<i>Fusarium sp.</i>	10
80	<i>Glomerella cingulata</i>	138
81	<i>G. tucumanensis</i>	1
82	<i>Guignardia citricarpa</i>	11
83	<i>G. dioscoreae</i>	1
84	<i>Guignardia spp.</i>	139
85	<i>Helminthosporium sp.</i>	1
86	<i>Lasiodiplodia theobromae</i>	24
87	<i>Marssonina</i>	1
88	<i>Microsphaeropsis sp.1</i>	1
89	<i>Microsphaeropsis sp.2</i>	1
90	<i>Microsphaeropsis sp.3</i>	1
91	<i>Mycosphaerella sp.1</i>	1

Contd...

Table 2. Continued

92	<i>Mycotribulus mirabilis</i>	3
93	<i>Mycovellosiella</i> spp.	8
94	<i>Myrothecium gramineum</i>	3
95	<i>M. masonii</i>	2
96	<i>M. roridium</i>	11
97	<i>Myrothecium</i> sp.1	6
98	<i>Myrothecium</i> sp.2	1
99	<i>Pestalotiopsis macrospora</i>	11
100	<i>P. maculans</i>	36
101	<i>P. metasequoiae</i>	1
102	<i>P. palustris</i>	8
103	<i>P. perseae</i>	1
104	<i>P. smilacis</i>	3
105	<i>P. tecomicola</i>	4
106	<i>P. uvicola</i>	6
107	<i>Phaeoramularia</i> sp.1	1
108	<i>Phoma cava</i>	1
109	<i>P. eupyrena</i>	1
110	<i>P. herbarum</i>	2
111	<i>P. nebulosa</i>	1
112	<i>Phoma</i> spp.	32
113	<i>Phomopsis</i> spp.	436
114	<i>Phyllosticta</i> spp	18
115	<i>Physalospora dalbergiae</i>	1
116	<i>Pseudocercospora</i> spp.	13
117	<i>Pullospora</i> sp-1	4
118	<i>Pythium ultimum</i>	1
119	<i>Pythium</i> sp-1	1
120	<i>Readeriella mirabilis</i>	2
121	<i>Rhizoctonia solani</i>	13
122	<i>Sclerotium rolfsii</i>	8
123	<i>Septoria grewiae</i>	1
124	<i>Septoria</i> sp-1	2
125	<i>Stagnospora vitensis</i>	1
126	<i>Stagnospora</i> sp-1	1
127	<i>Stenocarpella macrospora</i>	1
128	<i>Urohendersonia pongamiae</i>	1
129	<i>Verticillium</i> sp-1	2
Total		1696

More than two thousand unidentified cultures are also maintained in the culture collection which will be identified in due course of time. These fungi were collected from different forest of ecosystems of Kerala parts of Western Ghats. As far as possible the date of first isolation from the host was recorded. The botanical name

of the host from which the fungi were isolated was also recorded. The detailed check list of fungal species and their hosts are given in the table 3.

Table 3. The detailed check list of fungal species and their hosts

Culture No. and name of the specimen	Host-substrate	Date of subculturing
<i>Alternaria alternata</i>		
3049	<i>Ficus religiosa</i>	
3220	Unidentified host plant	
3628	<i>Terminalia bellirica</i>	01-01-2010
<i>Alternaria citri</i>		
2312	<i>Xylia xylocarpa</i>	
3222	<i>Taminadia ulginosa</i>	
<i>Alternaria spp.</i>		
57	<i>Xylia xylocarpa</i>	
58	<i>Zanthoxylum rhetsa</i>	04-09-2010
65	<i>Geophylla repens</i>	04-09-2010
193	<i>Christella parasitica</i>	
208	<i>Sapindus trifoliata</i>	04-05-2010
258	<i>Dendrophthoe falcata</i>	
345	<i>Acacia mangium</i>	19-11-2010
375	<i>Holoptelia integrifolia</i>	
410	<i>Holoptelia integrifolia</i>	11-03-2008
416	Unidentified host plant	12-09-2008
423	Unidentified host plant	
436	<i>Erythrina stricta</i>	
441	<i>Mikania micrantha</i>	
457	<i>Strychnos colubrina</i>	11-03-2008
472	<i>Tectona grandis</i>	
474	<i>Tectona grandis</i>	
478	<i>Macranga peltata</i>	
491	<i>Camelia sinensis</i>	20-10-2008
500	<i>Justicia wayanadensis</i>	
502	<i>Listea floribunda</i>	
537	<i>Cinnamomum malabatum</i>	11-03-2008
619	<i>Eucalyptus torelliana</i>	11-03-2008
626	<i>Grewia tillifolia</i>	09-05-2008
651	<i>Helictres isora</i>	20-11-2010
680	<i>Polyalthia fragrans</i>	
692	<i>Agrostistachys borneesis</i>	
746	<i>Schumannianthus virgatus</i>	
773	<i>Tectona grandis</i>	
800	<i>Artocarpus sp.</i>	
812	<i>Vepris bilocularis</i>	27-11-2009
818	<i>Tectona grandis</i>	
819	<i>Swietenia mahagoni</i>	

Contd...

Table 3. Continued

823	<i>Aegle marmelos</i>	
877	<i>Eucalyptus tereticornis</i>	07-01-2010
1580	<i>Tectona grandis</i>	15-02-2010
1612	<i>Eucalyptus clone</i>	
1817	<i>Azadiracta indica</i>	
2201	<i>Tectona grandis</i>	
2250	<i>Strychnos nux-vomica</i>	28-06-2010
2986	<i>Vateria indica</i>	
3226	<i>Cassia fistula</i>	
3240	<i>Gmelina arborea</i>	
3422	<i>Clausena dentata</i>	
3498	<i>Terminalia catapa</i>	
3557	<i>Pavatta indica</i>	21-06-2010
3571	<i>Acacia mangium</i>	14-9-2009
4274	<i>Ixora notoniana</i>	30-03-2009
<i>Ascochyta</i> spp.		
28	<i>Calicopteris floribunda</i>	21-12-2009
104	<i>Macranga peltata</i>	
255	<i>Trema orientalis</i>	
561	<i>Artocarpus hirsutus</i>	02-04-2011
792	<i>Calamus vattayila</i>	27-01-2011
2363	<i>Tectona grandis</i>	
2917	<i>Haldina cardifolia</i>	19-11-2010
2984	<i>Clerodendrum serratum</i>	
3773	<i>Gmelina arborea</i>	15-03-2010
<i>Beltrania rhombica</i>		
2524-3	<i>Memecylon umbellatum</i>	
4033-1	<i>Bauhenia variegata</i>	
<i>Beltrania</i> sp.1		
997-1	<i>Xylia xylocarpa</i>	
1836-2	<i>Canarium strictum</i>	
2003-1	<i>Alseodaphne semicarpifolia</i>	
4033-2	Unidentified host	
4093-1	<i>Dysoxylum malabaricum</i>	
<i>Beltraniopsis</i> sp.1		
2690-1	Unidentified host plant	
2891-1	<i>Bauhinia purpurea</i>	
2896-2	<i>Myristica</i> sp.	
3351-2	<i>Actinodaphne malabarica</i>	
<i>Bipolaris spicifera</i>		
658	<i>Cyclea peltata</i>	
1199	<i>Dalbergia latifolia</i>	
<i>Bipolaris</i> sp.		
652-1	<i>Schleichera oleosa</i>	
1937-2	<i>Meliosma simplicifolia</i>	
1943	<i>Hedychium flavescens</i>	03-01-2011

Contd...

Table 3. Continued

<i>Botrytis cinera</i>		
131-2	<i>Eleutheranthera ruderalis</i>	
197-2	<i>Syzygium cumini</i>	
271-1	<i>Lagerstroemia microcarpa</i>	
<i>Botryosphaeria</i> sp.		
356-2	<i>Acacia auriculiformis</i>	
<i>Calonectria theae</i>		
1347	<i>Eucalyptus cameldulensis</i>	
<i>Cercospora scopariae</i>		
188	<i>Scoparia dulcis</i>	
<i>Cercospora terminaliae</i>		
24	<i>Terminalia bellirica</i>	21-12-2009
<i>Cercospora</i> sp.		
265	<i>Dillenia pentagyna</i>	
336	<i>Urena lobata</i>	
<i>Chaetomella raphigera</i>		
2560	<i>Pterocarpus santalinus</i>	19-11-2010
2566	<i>Garcinia gummy- gutta</i>	
3774	<i>Acrocarpus fraxinifolius</i>	15-03-2010
<i>Chaetospermum</i> sp.		
2543-1	<i>Acacia mangium</i>	
<i>Cladosporium cladosporiodes</i>		
152	<i>Naravelia zeylanica</i>	04-05-2011
176	<i>Calliandra</i> sp.	
201	<i>Phaulopsis imbricata</i>	
264	Unidentified host plant	03-08-2011
449	Unidentified host plant	
862	<i>Mangifera indica</i>	
895	<i>Eucalyptus tereticornis</i>	
<i>Cladosporium herbarum</i>		
147	<i>Tabernaemontana heyneana</i>	27-01-2011
585	<i>Aprousa lindleyana</i>	
702	<i>Acronychia pedunculata</i>	
2986	<i>Vateria indica</i>	
<i>Cladosporium</i> sp.		
152	<i>Exacum</i> sp.	
201	<i>Naravelia zeylanica</i>	
264	<i>Sterculia guttata</i>	
268	<i>Chromolaena odorata</i>	
449	<i>Mangifera indica</i>	
862	<i>Eucalyptus tereticornis</i>	
895	<i>Delonix regia</i>	
<i>Colletotrichum acutatum</i>		
2067	<i>Rubus niveus</i>	22-07-2010
2568	<i>cassia fistula</i>	
2710	<i>Eucalyptus tereticornis</i>	05-10-2009
2770	<i>Syzygium cumini</i>	

Contd...

Table 3. Continued

3140	<i>Rubus niveus</i>	14-5-2009
<i>Colletotrichum capsici</i>		
2216-2	<i>Swietenia macrophylla</i>	
2382-2	Unidentified host plant	
2762	<i>Pongamia pinnata</i>	15-12-2008
3619	<i>Aegle marmelos</i>	28-12-2009
3764-1	<i>Acrocarpus fraxinifolius</i>	
3813-1	<i>Naravelia zeylanica</i>	
3819	<i>Baliospermum montanum</i>	01-05-2011
3823	<i>Pongamia pinnata</i>	07-01-2009
3984	<i>Meliosma pinnata</i>	15-01-2010
4002-1	<i>Dillenia pentagyna</i>	
<i>Colletotrichum coccodes</i>		
4064-2	<i>Cinnamomum malabattrum</i>	
<i>Colletotrichum coffeanum</i>		
3728-1	<i>Cinnamomum malabattrum</i>	
<i>Colletotrichum crassipes</i>		
2597	<i>Eucalyptus tereticornis</i>	
3808	<i>Dillenia pentagyna</i>	
3863	Unidentified host plant	24-10-2009
3972	<i>Leea indica</i>	30-11-2009
<i>Colletotrichum dematium</i>		
199	<i>Bambusa vulgaris</i>	
931	<i>Eucalyptus tereticornis</i>	04-05-2010
989	<i>Clerodendrum viscosum</i>	
990	<i>Piper longum</i>	27-5-2009
1102	<i>Cassia tora</i>	
1822	<i>Pterocarpus marsupium</i>	
<i>Colletotrichum falcatum</i>		
304-2	<i>Glycosmis arborea</i>	
404	<i>Cassia fistula</i>	
406-1	<i>Alangium salvifolium</i>	
799-2	<i>Anacardium occidentale</i>	
<i>Colletotrichum gloeosporioides</i>		
6	<i>Flemingia strobilifera</i>	
8	<i>Taminadia oleginosa</i>	
223	<i>Kunstleria keralensis</i>	15-11-2008
224	<i>Terminalia paniculata</i>	
241	<i>Polyalthia longifolia</i>	
259	<i>Aprousa lindleyana</i>	
299	<i>Eucalyptus clone</i>	
323	<i>Helictres isora</i>	
329	<i>Radesmachera xylocarpa</i>	22-10-2008
352	<i>Tetramelus nudiflora</i>	07-01-2010
371	Unidentified host plant	15-07-2010
421	Unidentified host plant	04-05-2011
431	<i>Ixora sp.</i>	

Contd...

Table 3. Continued

444	Unidentified host plant	27-02-2010
450	<i>Cinnamomum malabattrum</i>	
524	<i>Dalbergia sissooides</i>	
574	Unidentified host plant	28-03-2011
578	<i>Butea monosperma</i>	
632	<i>Pterospermum reticulatum</i>	
620	<i>Glycosmis pentaphylla</i>	30-4-2009
705	<i>Gmelina arborea</i>	
710	<i>Litsea oleoides</i>	02-04-2011
1715	<i>Albizia odoratissima</i>	
1842	Unidentified host plant	
2418	<i>Glycosmis macrocarpa</i>	
2495	<i>Litsea</i> sp.	
2501	Unidentified host plant	04-09-2010
2513	<i>Gmelina arborea</i>	
2518	<i>Tabernaemontana heyneana</i>	28-7-2010
2519	Unidentified host plant	04-09-2010
2521	Unidentified host plant	04-09-2010
2528	Unidentified host plant	
2532	Unidentified host plant	
2542	<i>Pterospermum reticulatum</i>	18-7-2008
2543	<i>Anogeissus latifolia</i>	05-10-2009
2557	<i>Acronychia pedunculata</i>	22-07-2010
2559	<i>Adenanthera pavonina</i>	
2568	<i>Eucalyptus deglupta</i>	
2569	<i>Pterospermum reticulatum</i>	21-01-2009
2597	<i>Pheananthus malabaricum</i>	
2616	<i>Stenochleana palustris</i>	
2640	<i>Syzygium aromaticum</i>	11-12-2009
2641	<i>Tabernaemontana heyneana</i>	
2668	<i>Meliosma simplicifolia</i>	
2671	Unidentified host plant	24-12-2010
2674	<i>Artocarpus hirsutus</i>	04-05-2011
2677	<i>Terminalia catapa</i>	01-10-2009
2685	<i>Syzygium mundagam</i>	01-10-2009
2686	<i>Madhuka longifolia</i>	
2696	<i>Pterospermum reticulatum</i>	24-12-2010
2704	Unidentified host plant	15-01-2009
2709	Unidentified host plant	16-04-2011
2717	<i>Tectona grandis</i>	20-11-2009
2731	<i>Xanthophyllum arnottianum</i>	
2751	Unidentified host plant	05-12-2010
2754	Unidentified host plant	13-10-2008
2785	Unidentified host plant	14-5-2009
2817	<i>Cordia dichotoma</i>	28-12-2008
2832	<i>Sapindus trifoliata</i>	05-12-2010
2866	Unidentified host plant	26-12-2008

Contd...

Table 3. Continued

2894	<i>Syzygium cumini</i>	11-06-2009
2914	<i>Strychnos nuxvomica</i>	
2916	<i>Smilax</i> sp.	
2918	<i>Lagerstroemia microcarpa</i>	
2931	Unidentified host plant	
2937	Unidentified host plant	15-12-2008
2948	Unidentified host plant	19-11-2010
2975	Unidentified host plant	24-12-2010
2983	<i>Casearia ovata</i>	
3028	<i>Tectona grandis</i>	
3054	<i>Caesalpinia sappan</i>	
3068	<i>Hevea braziliensis</i>	
3077	Unidentified host plant	22-07-2010
3094	<i>Sapindus trifoliata</i>	04-05-2011
3135	<i>Dalbergia</i> sp.	24-12-2010
3151	<i>Erythrina stricta</i>	26-12-2008
3297	<i>Terminalia bellirica</i>	04-05-2011
3350	Unidentified host plant	
3431	<i>Justicia wyanadensis</i>	
3484	Unidentified host plant	27-11-2009
3552	<i>Schleichera oleosa</i>	02-04-2011
3593	<i>Spatholobus trifoliata</i>	10-01-2009
3598	<i>Vitex altissima</i>	25-9-2009
3644	<i>Asplenium</i> sp.	01-01-2010
3665	<i>Hunteria zeylanica</i>	
3673	<i>Stachyphrynium spicatum</i>	04-02-2011
3674	<i>Cassia fistula</i>	
3675	Unidentified host plant	28-03-2011
3678	<i>Bauhenia variegata</i>	
3682	<i>Tarenna asiatica</i>	10-09-2009
3685	Unidentified host plant	16-03-2011
3688	Unidentified host plant	
3691	<i>Grevillea robusta</i>	
3733	Unidentified host plant	10-09-2009
3736	<i>Xylia xylocarpa</i>	
3743	<i>Cassia fistula</i>	
3759	<i>Mitracarpus verticillatus</i>	07-01-2009
3764	<i>Areca catechu</i>	
3767	<i>Terminalia catapa</i>	10-09-2009
3769	Unidentified host plant	05-12-2010
3786	<i>Grewia tillifolia</i>	
3808	<i>Mallotus philippensis</i>	
3815	Unidentified host plant	11-01-2010
3824	<i>Sterculia urens</i>	01-05-2011
3842	Unidentified host plant	24-10-2009
3847	<i>Syzygium palghatense</i>	24-10-2009
3857	Unidentified host plant	16-10-2009

Contd...

Table 3. Continued

3880	Unidentified host plant	24-10-2009
3954	Unidentified host plant	12-01-2009
3958	Unidentified host plant	14-06-2010
3969	<i>Wrightia tinctoria</i>	06-05-2010
3971	Unidentified host plant	04-05-2011
3982	<i>Ficus</i> sp.	21-12-2009
4002	<i>Meiogyne pannosa</i>	28-12-2009
4003	<i>Dipterocarpus</i> sp.	01-01-2010
4005	<i>Dioscoria wallichii</i>	
4031	Unidentified host plant	21-8-2009
4038	Unidentified host plant	09-07-2009
4039	<i>Dimocarpus longan</i>	21-8-2009
4069	Unidentified host plant	14-8-2009
4072	<i>Flacourtia jangomas</i>	
4077	<i>Terminalia crenulata</i>	22-02-2010
4082	<i>Syzygium</i> sp. aromaticum	
4102	<i>Grewia tillifolia</i>	10-11-2010
4103	Unidentified host plant	11-01-2010
4118	Unidentified host plant	12-03-2010
4135	<i>Mitragyna tubulosa</i>	
4137	Unidentified host plant	13-04-2009
4141	<i>Zingiber</i> sp.	04-08-2009
4154	Unidentified host plant	09-04-2010
4187	<i>Flacourtia montana</i>	09-07-2009
4199	Unidentified host plant	09-07-2009
4212	<i>Coffea arabica</i>	07-08-2009
4229	<i>Eucalyptus citriodora</i>	09-07-2009
4233	<i>Helictres isora</i>	01-05-2011
4249	<i>Artocarpus hirsutus</i>	07-08-2009
4252	<i>Hevea braziliensis</i>	24-03-2009
4263	<i>Litsea laevigata</i>	14-12-2009
4290	<i>Schumannianthus virgatus</i>	15-02-2010
4329	<i>Macranga peltata</i>	05-12-2010
4346	<i>Zingiber</i> sp.	30-04-2010
4369	Unidentified host plant	30-3-2009
4413	<i>Olea dioica</i>	20-5-2009
<i>Colletotrichum lindemuthianum</i>		
2678-1	<i>Palaquium ellipticum</i>	
4049-2	Unidentified host plant	
<i>Colletotrichum</i> sp.1		
2310-1	<i>Glycosmis pentaphylla</i>	
3963-1	Unidentified host plant	
4004	<i>Xanthophyllum arnottianum</i>	23-4-2010
<i>Colletotrichum</i> sp.2		
688	<i>Lophopetalum wightianum</i>	
2498	<i>Belumcanda chinensis</i>	22-03-2010
2822	<i>Terminalia bellirica</i>	24-12-2010

Contd...

Table 3. Continued

<i>Colletotrichum</i> sp.3		
2870-1	<i>Syzygium</i> sp.	
<i>Colletotrichum</i> sp.4		
2329	<i>Achras sapota</i>	16-04-2011
2385	<i>Nothapodytes nimmoniana</i>	
<i>Colletotrichum</i> spp.		
3	<i>Hedychium flavescens</i>	
17	<i>Strychnosmox-vomica</i>	
18	<i>Hevea braziliensis</i>	
19	Unidentified host plant	19-11-2010
23	<i>Helictres isora</i>	
27	<i>Chromolaena odorata</i>	27-01-2011
28	<i>Chukrasia tabularis</i>	16-04-2011
32	<i>Naravelia zeylanica</i>	02-04-2011
33	<i>Naravelia zeylanica</i>	27-01-2011
34	<i>Terminalia paniculata</i>	
35	<i>Clerosendrum viscosum</i>	19-11-2011
36	<i>Zanthoxylum rhetsa</i>	
38	<i>Connarus monocarous</i>	
39	<i>Lygodia</i> sp.	30-9-2010
45	<i>Eucalyptus cameldulensis</i>	30-9-2010
51	<i>Cullenia exarillata</i>	
52	<i>Pongamia pinnata</i>	
58	<i>Zanthoxylum rhetsa</i>	
61	<i>Pterospermum reticulatum</i>	
66	<i>Syzygium laetum</i>	
67	<i>Xylia xylocarpa</i>	
71	<i>Smilax zeylanica</i>	
77	<i>Diospyros malabaricum</i>	
86	Unidentified host plant	24-11-2008
90	<i>Otonephelium stipulaceum</i>	
92	<i>Miltusa tomentosa</i>	29-01-2010
98	<i>Bridelia scandens</i>	
101	<i>Terminalia paniculata</i>	
106	<i>Cinnaamomum keralensis</i>	
108	<i>Swietenia mahagoni</i>	
111	<i>Acronychia pedunculata</i>	29-01-2010
115	<i>Holarrhena pubescens</i>	
179	<i>Pterocarpus santalinus</i>	15-02-2010
209	<i>Butea monosperma</i>	
211	<i>Persea macrantha</i>	16-04-2011
217	<i>Malotus</i> sp.	
219	<i>Careya arborea</i>	30-04-2010
299	<i>Eucalyptus clone</i>	
417	<i>Sterculia guttata</i>	04-05-2011
426	Unidentified host plant	27-11-2009
428	<i>Dracaena ternifolia</i>	

Contd...

Table 3. Continued

460	<i>Ocimum gratissimum</i>	
467	<i>Zingiber zerumbet</i>	
468	<i>Firmiana colorata</i>	
620	<i>Glycosmis pentaphylla</i>	
635	<i>Zingiber</i> sp.	20-11-2010
655	<i>Psychotria anamalayana</i>	06-05-2011
703	<i>Elaeis guinensis</i>	
749	Unidentified host plant	22-05-2010
806	<i>Lagerstroemia</i> sp.	16-04-2010
839	<i>Syzygium cumini</i>	07-08-2010
856	<i>Swietenia mahagoni</i>	
857	<i>Mesua ferrea</i>	14-2-2008
860	<i>Michelia champaka</i>	04-05-2011
874	<i>Litsea coriaceae</i>	11-01-2010
1029	<i>Cissampelos pareira</i>	
1099	<i>Calopteris floribunda</i>	10-11-2010
1198	<i>Litsea</i> sp.	
1659	<i>Polyalthia coffeoides</i>	18-3-2009
1946	Unidentified host plant	16-04-2011
1985	Unidentified host plant	
2144	<i>Terminalia bellirica</i>	
2192	<i>Ficus religiosa</i>	
2279	<i>Swietenia mahagoni</i>	04-05-2011
2280	<i>Xylia xylocarpa</i>	22-05-2010
2318	<i>Pterocarpus marsupium</i>	
2321	<i>Miliusa tomentosa</i>	
2365	<i>Pterocarpus santalinus</i>	
2370	<i>Sterculia urens</i>	18-02-2011
2387	<i>Pterospermum reticulatum</i>	
2391	<i>Polyalthia fragrans</i>	12-03-2010
2396	<i>Bischofia javanica</i>	04-09-2010
2414	<i>Haldina cordifolia</i>	
2422	Unidentified host plant	29-05-2010
2437	<i>Syzygium cumini</i>	22-03-2010
2453	<i>Tectona grandis</i>	30-7-2008
2456	<i>Radesmachera xylocarpa</i>	
2470	<i>Dillenia pentagyna</i>	
2507	<i>Tectona grandis</i>	01-05-2011
2510	<i>Macranga peltata</i>	16-04-2010
2516	<i>Terminalia chebula</i>	05-10-2009
2517	<i>Pterospermum reticulatum</i>	05-12-2010
2534	<i>Actinodaphne malabarica</i>	16-04-2010
2546	Unidentified host plant	22-03-2010
2556	<i>Acrocarpus fraxinifolius</i>	
2660	Unidentified host plant	05-10-2009
2670	Unidentified host plant	
2761	Unidentified host plant	05-10-2009

Contd...

Table 3. Continued

2818	<i>Cassia fistula</i>	
2852	<i>Madhuka longifolia</i>	
2853	<i>Hydnocarpus pendandra</i>	
2862	<i>Gmelina arborea</i>	
2910	Unidentified host plant	17-7-2008
2955	<i>Callicarpa tomentosa</i>	20-11-2009
3019	<i>Hymenodictyon orixense</i>	
3078	<i>Piper longum</i>	
3245	<i>Heritiera papilio</i>	
3274	<i>Christella parasitica</i>	
3454	<i>Catunaragam torulosa</i>	
3967	Unidentified host plant	01-05-2011
4123	Unidentified host plant	30-9-2010
4250	<i>Clerosendrum</i> sp.	
<i>Coniella australiensis</i>		
1759-1	<i>Macranga peltata</i>	
3006	<i>Eucalyptus tereticornis</i>	
<i>Coniella fragariae</i>		
139	<i>Eucalyptus tereticornis</i>	
144	<i>Terminalia paniculata</i>	
145	<i>Cleisanthus collinus</i>	
146	<i>Terminalia paniculata</i>	03-08-2010
147	<i>Tabernaemontana heyneana</i>	27-11-2009
1616	<i>Eucalyptus europophylla</i>	
1617	<i>Gmelina arborea</i>	
1623	<i>Leea indica</i>	
1669	Unidentified host plant	
1684	Eucalyptus clone	
1739	<i>Eucalyptus tereticornis</i>	22-03-2010
1740	<i>Eucalyptus tereticornis</i>	20-11-2010
2570	<i>Terminalia paniculata</i>	
2579	Eucalyptus clone	
2580	<i>Syzygium mundagam</i>	
2583	<i>Eucalyptus grandis</i>	
2584	<i>Eucalyptus pellita</i>	
2586	<i>Eucalyptus tereticornis</i>	
2590	<i>Eucalyptus tereticornis</i>	
2697	Unidentified host plant	
3006	Unidentified host plant	
3011	Eucalyptus clone	30-8-2010
3020	<i>Persea macrantha</i>	03-08-2009
3887	Unidentified host plant	12-07-2009
4120	Unidentified host plant	15-07-2010
4222	Unidentified host plant	28-03-2011
4228	<i>Bombax ceiba</i>	
4347	<i>Anogeissus latifolia</i>	

Contd...

Table 3. Continued

<i>Coniella granati</i>		
1669-1	<i>Eucalyptus tereticornis</i>	
<i>Coniella minima</i>		
211	Eucalyptus clone	26-10-2010
1816	Eucalyptus clone	
2981	<i>Garcinia gummy gutta</i>	26-10-2010
3000	<i>Eucalyptus citriodora</i>	26-12-2008
<i>Coniella petrakii</i>		
2977	<i>Syzygium caryophyllatum</i>	
2999	Eucalyptus clone	
3003	Eucalyptus clone	
3345	<i>Careya arborea</i>	
<i>Coniella</i> spp.		
1486	<i>Eucalyptus camaldulensis</i>	
1611	Eucalyptus clone	
2444	<i>Macaranga peltata</i>	
2472	Eucalyptus clone	
2476	Eucalyptus clone	
2919	<i>Azhadirachta indica</i>	30-3-2009
3019	Eucalyptus clone	
3891	<i>Tetramelus nudiflora</i>	
<i>Corynespora cassicola</i>		
147	<i>Tabernaemontana heyneana</i>	04-05-2011
220	<i>Calamus hookeriensis</i>	
305	<i>Ixora</i> sp.	
308	<i>Trema orientalis</i>	19-11-2010
325	<i>Chromolaena odorata</i>	27-11-2009
342	<i>Triumfetta rhomboidea</i>	
373	<i>Alangium salvifolium</i>	
425-4	<i>Sapindus trifoliata</i>	
426	<i>Schleichera oleosa</i>	
501-1	Unidentified host plant	
605	<i>Tarenna asiatica</i>	
670	<i>Polyalthia fragrans</i>	29-0-2010
679	<i>Oroxylon indicum</i>	
741	<i>Calamus thwaitesii</i>	16-04-2010
1850	<i>Buchanania lanzan</i>	27-11-2009
1872	<i>Alstonia scholaris</i>	22-05-2010
2314	<i>Spathodea campanulata</i>	
2862	<i>Clerodendrum viscosum</i>	
3629	<i>Jasminum</i> sp.	01-01-2010
3849	<i>Ceiba pendandra</i>	
3962	<i>Christella parasitica</i>	06-05-2010
4246	<i>Cinnamomum malabatum</i>	18-02-2011
3760	<i>Callicarpa tomentosa</i>	

Contd...

Table 3. Continued

<i>Corynespora citricola</i>		
293-2	<i>Ichnocarpus frutescens</i>	
651-1	<i>Helictres isora</i>	
2210-1	<i>Gmelina arborea</i>	
<i>Corynespora</i> spp.		
426-1	<i>Schleichera oleosa</i>	
<i>Cryptosporiopsis</i> sp.1		
3236	Unidentified host plant	
4066	Unidentified host plant	07-08-2009
<i>Curvularia borrrerae</i>		
2175	<i>Dimocarpus longan</i>	02-08-2010
<i>Curvularia clavata</i>		
771-1	<i>Acacia mangium</i>	
<i>Curvularia eragrostidis</i>		
1077-2	<i>Terminalia catapa</i>	
1685-1	<i>Eucalyptus cameldulensis</i>	
<i>Curvularia leonensis</i>		
534-1	<i>Zingiber</i> sp.	
<i>Curvularia lunata</i>		
152	Unidentified host plant	
196	<i>Rottboellia</i> sp.	27-01-2011
294-1	<i>Chromolaena odorata</i>	
301	<i>Helictres isora</i>	26-10-2010
439	<i>Ficus rigida</i>	
537	<i>Cinnamomum malabattrum</i>	
570-1	<i>Calamus thwaitesii</i>	
606-1	<i>Pterospermum reticulatum</i>	
816-3	<i>Vateria indica</i>	
1442-2	<i>Tectona grandis</i>	
1895	<i>Artocarpus hirsutus</i>	
1908-2	<i>Alseodaphne semecarpifolia</i>	
1956	<i>Litsea</i> sp.	
2003-1	<i>Alseodaphne semecarpifolia</i>	
2145-2	<i>Paracroton pendulus</i>	
2214-1	<i>Cassia fistula</i>	
2241	<i>Pongamia pinnata</i>	
2306-3	Unidentified host plant	
2306-2	Unidentified host plant	
2315-1	<i>Neolamarckia cadamba</i>	
2322-1	<i>Cassia siamea</i>	
2332-1	<i>Aegle marmelos</i>	
<i>Curvularia ovoidea</i>		
436-2	<i>Erithrina stricta</i>	
1929-3	<i>Gomphostemma heyneanum</i>	
<i>Curvularia pallescens</i>		
475-3	<i>Tectona grandis</i>	
577-2	<i>Pterospermum reticulatum</i>	

Contd...

Table 3. Continued

2034-1	Unidentified host plant	
2065-3	<i>Physalia</i> sp.	
2598	<i>Mangifera indica</i>	
<i>Curvularia senegalensis</i>		
473-4	<i>Tectona grandis</i>	
2002-2	<i>Eucalyptus grandis</i>	
2241-1	<i>Pongamia pinnata</i>	
<i>Curvularia</i> sp.1		
1055-2	<i>Cassia siamea</i>	
<i>Curvularia</i> spp.		
50-2	<i>Tectona grandis</i>	
50	<i>Pennisetum polystachyon</i>	26-10-2010
152	<i>Alseodaphne semecarpifolia</i>	
196	Grass	
294	<i>Pterospermum reticulatum</i>	15-07-2010
298	<i>Glycosmis arborea</i>	03-08-2010
301	<i>Glycosmis pentaphylla</i>	
304	<i>Pterospermum reticulatum</i>	18-8-2008
436	<i>Macranga peltata</i>	
439	<i>Paracroton pendulus</i>	
534	<i>Desmodium gangeticum</i>	
537	<i>Tectona grandis</i>	
570	<i>Eucalyptus grandis</i>	
606	<i>Cassia siamea</i>	
622	<i>Calamus thwaitesii</i>	14-06-2010
697-3	<i>Cassia siamea</i>	
710-2	<i>Desmodium gangeticum</i>	
771	<i>Erithrina stricta</i>	
816	<i>Debregeasia longifolia</i>	
840	<i>Flacourtia montana</i>	26-10-2010
1055	<i>Derris eualata</i>	04-05-2011
1077	<i>Clerodendrum viscosum</i>	
1929	<i>Tilacora acuminata</i>	
1932	<i>Hedychium flavescens</i>	
1956	<i>Pennisetum polystachyon</i>	
2002	<i>Neolamarckia cadamba</i>	
2003	<i>Eucalyptus clone</i>	
2034	Unidentified host plant	
2154-2	<i>Casuarina equisetifolia</i>	
2315	<i>Neolamarckia cadamba</i>	11-12-2009
2322	<i>Ficus rigida</i>	
2332	<i>Chromolaena odorata</i>	
2376-2	<i>Ludwigia peruviana</i>	
2376	<i>Syzygium cumini</i>	
2918-2	<i>Curcuma aromatica</i>	
2918	<i>Gomphostemma heyneanum</i>	
3220	<i>Daphniphyllum neilgherrense</i>	

Contd...

Table 3. Continued

3560	Unidentified host plant	14-9-2009
3742	<i>Terminalia catapa</i>	
<i>Cylindrocarpon</i> sp.1		
1749-1	<i>Dalbergia</i> sp.	
<i>Cylindrocladium clavatum</i>		
1990-1	<i>Eucalyptus regnans</i>	
<i>Cylindrocladium colhounii</i>		
86-1	<i>Swietenia mahagoni</i>	
1112	<i>Anamirta coculus</i>	15-11-2008
1683-1	<i>Eucalyptus cameldulensis</i>	
<i>Cylindrocladium floridianum</i>		
223	<i>Artocarpus hirsutus</i>	26-10-2010
1740-1	<i>Eucalyptus tereticornis</i>	02-04-2011
2582	<i>Mangifera indica</i>	
3926	<i>Terminalia arjuna</i>	15-01-2010
3950	<i>Eucalyptus cameldulensis</i>	22-03-2010
<i>Cylindrocladium ilicicola</i>		
1990	<i>Eucalyptus regnans</i>	16-7-2009
3978	<i>Strychnos nux-vomica</i>	22-05-2010
<i>Cylindrocladium ovatum</i>		
1855	<i>Cullenia exarillata</i>	22-03-2010
<i>Cylindrocladium quinqueseptatum</i>		
114	<i>Eucalyptus urophylla</i>	21-6-2008
115	<i>Eucalyptus alba</i>	
117	<i>Anacardium occidentale</i>	
130	<i>Tilacora acuminata</i>	16-04-2011
272	<i>Lagerstroemia microcarpa</i>	15-11-2008
870	<i>Eucalyptus tereticornis</i>	21-6-2008
871	<i>Eucalyptus tereticornis</i>	26-10-2010
871	Unidentified host plant	19-11-2010
872	<i>Eucalyptus tereticornis</i>	18-02-2011
872	Unidentified host plant	17-05-2008
878	<i>Eucalyptus tereticornis</i>	
881-1	<i>Eucalyptus tereticornis</i>	
880	<i>Eucalyptus tereticornis</i>	02-04-2011
881	<i>Eucalyptus tereticornis</i>	22-05-2010
883-1	<i>Eucalyptus tereticornis</i>	
883	<i>Eucalyptus tereticornis</i>	22-05-2010
884	<i>Eucalyptus tereticornis</i>	22-05-2010
885-1	<i>Eucalyptus tereticornis</i>	
888-4	<i>Eucalyptus tereticornis</i>	
887	<i>Eucalyptus tereticornis</i>	21-6-2008
887	Unidentified host plant	19-11-2010
888	<i>Eucalyptus tereticornis</i>	06-05-2010
909	<i>Eucalyptus tereticornis</i>	
909	<i>Eucalyptus tereticornis</i>	
920-1	<i>Eucalyptus tereticornis</i>	

Contd...

Table 3. Continued

921-1	<i>Eucalyptus tereticornis</i>	
920	<i>Eucalyptus tereticornis</i>	04-09-2010
933-1	<i>Eucalyptus tereticornis</i>	
935	Unidentified host plant	19-11-2010
938-1	<i>Eucalyptus tereticornis</i>	
945	<i>Eucalyptus tereticornis</i>	
947	<i>Eucalyptus tereticornis</i>	17-05-2008
950-1	<i>Eucalyptus cameldulensis</i>	
950	<i>Eucalyptus cameldulensis</i>	03-08-2010
957-1	<i>Eucalyptus tereticornis</i>	
957-1	<i>Eucalyptus tereticornis</i>	
957	<i>Eucalyptus tereticornis</i>	03-08-2010
967-2	<i>Eucalyptus tereticornis</i>	
969-1	<i>Eucalyptus tereticornis</i>	
971-2	<i>Eucalyptus tereticornis</i>	
970	<i>Eucalyptus tereticornis</i>	17-05-2008
972-1	<i>Eucalyptus tereticornis</i>	
971	<i>Eucalyptus tereticornis</i>	7-12-209
974	<i>Eucalyptus tereticornis</i>	21-6-2008
975	<i>Eucalyptus tereticornis</i>	
977	<i>Eucalyptus tereticornis</i>	
978	<i>Eucalyptus tereticornis</i>	27-02-2010
978	Unidentified host plant	16-04-2011
1025-1	<i>Eucalyptus tereticornis</i>	
1096	<i>Lagerstroemia speciosa</i>	24-11-2008
1113	Unidentified host plant	
1625	Eucalyptus clone	05-12-2010
1625	<i>Eucalyptus tereticornis</i>	
1668-1	<i>Eucalyptus tereticornis</i>	
1680-1	<i>Eucalyptus pellita</i>	
1680	<i>Eucalyptus pellita</i>	03-08-2010
1695	<i>Aporusa lindleyana</i>	
1704	<i>Eucalyptus torelliana</i>	29-01-2010
1705	<i>Eucalyptus torelliana</i>	
1711-1	<i>Eucalyptus tereticornis</i>	
1723	<i>Aporusa lindleyana</i>	28-06-2010
1723	<i>Aporusa lindleyana</i>	24-11-2008
1734-1	<i>Eucalyptus tereticornis</i>	
1736-1	<i>Eucalyptus cameldulensis</i>	
1735	<i>Eucalyptus tereticornis</i>	29-05-2010
1738-2	<i>Eucalyptus tereticornis</i>	
1736	<i>Eucalyptus cameldulensis</i>	15-03-2010
1739-2	<i>Eucalyptus tereticornis</i>	
1737	<i>Eucalyptus tereticornis</i>	
1785	<i>Madhuka longifolia</i>	
1806	<i>Polyalthia fragrans</i>	
1859	<i>Syzygium cumini</i>	11-10-2008

Contd...

Table 3. Continued

1872-1	<i>Aporusa lindleyana</i>	
1872	<i>Aporusa lindleyana</i>	29-05-2010
2164	<i>Syzygium cumini</i>	11-10-2008
2166	<i>Syzygium cumini</i>	11-10-2008
2167	<i>Syzygium cumini</i>	15-11-2008
2486	Unidentified host plant	24-12-2010
2533	Unidentified host plant	17-7-2008
2577	<i>Eucalyptus tereticornis</i>	27-01-2011
2594	Unidentified host plant	29-07-2009
2595	Unidentified host plant	29-7-2009
2603	Unidentified host plant	13-3-2009
2772	Unidentified host plant	13-3-2009
2784	Unidentified host plant	29-7-2009
2873	<i>Ficus religiosa</i>	29-7-2009
2903	Unidentified host plant	29-7-2009
3020	Unidentified host plant	03-08-2009
3501	<i>Eucalyptus pellita</i>	
3729	<i>Holigarna ferruginoides</i>	12-01-2009
3894	Unidentified host plant	15-01-2010
3897	Unidentified host plant	16-10-2009
3898	Unidentified host plant	12-07-2009
3901	Unidentified host plant	15-01-2010
3903	Unidentified host plant	12-07-2009
3904	Unidentified host plant	15-01-2010
3985	Unidentified host plant	12-01-2009
<i>Cylindrocladium scoparium</i>		
3578-1	<i>Azadirachta indica</i>	
<i>Cylindrocladium theae</i>		
693-2	<i>Aporusa lindleyana</i>	
747-2	<i>Aporusa lindleyana</i>	
<i>Cytospora eucalypticola</i>		
1514	<i>Eucalyptus tereticornis</i>	
<i>Dactylaria</i> sp.		
4012-1	<i>Calamus thwaitesii</i>	
<i>Dendrophoma eucalypti</i>		
1513-1	<i>Eucalyptus torelliana</i>	
<i>Dothiorella</i> sp.1		
4214-2	<i>Tectona grandis</i>	
<i>Fusarium</i>		
<i>Fusarium acuminatum</i>		
778 b 1	<i>Tectona grandis</i>	
2801-2	<i>Eucalyptus grandis</i>	
<i>Fusarium decemcellulare</i>		
908-1	<i>Bombax ceiba</i>	
2855-1	<i>Scleropyrium</i> sp.	
2894-2	<i>Myristic</i> sp.	

Contd...

Table 3. Continued

<i>Fusarium equiseti</i>		
418-3	<i>Loranthus</i> sp.	
522-2	<i>Ficus</i> sp.	
1030-1	<i>Helictres isora</i>	
2613-2	<i>Lagerstroemia speciosa</i>	
<i>Fusarium fusarioides</i>		
481-1	Grass leaves	
567-1	<i>Blepharistemma serratum</i>	
<i>Fusarium heterosporum</i>		
2754-4	Unidentified host plant	
<i>Fusarium lateritium</i>		
1597-1	<i>Eucalyptus tereticornis</i>	
<i>Fusarium moniliforme</i>		
654-2	<i>Psychotria anamalayana</i>	01-07-2011
695-2	<i>Commelina</i> sp.	
959-1	<i>Eucalyptus cameldulensis</i>	
686-1	<i>Artocarpus hirsutus</i>	
<i>Fusarium oxysporum</i>		
256	<i>Vigna radiata</i>	12-09-2008
678-1	<i>Ancistrocladus heynianus</i>	
946-4	<i>Eucalyptus tereticornis</i>	
1024-2	<i>Melicope lunu-ankenda</i>	20-11-2009
1311-2	Unidentified host plant	
1315-1	Unidentified host plant	
1723-1	<i>Aporusa lindleyana</i>	
3036-2	<i>Acacia mangium</i>	
<i>Fusarium sambucinum</i>		
1106-1	<i>Amorphophalus paeonifolius</i>	
2213-1	<i>Acacia auriculiformis</i>	
<i>Fusarium semitectum</i>		
4	Unidentified host plant	
342-2	<i>Triumfetta rhomboidea</i>	
416-3	Unidentified host plant	
495 a 1	<i>Rhaphidophora pertusa</i>	
521-1	<i>Nothopodytes nimmoniana</i>	
624-2	<i>Glycosmis pentaphylla</i>	
696-1	<i>Drynaria</i> sp.	
750-1	<i>Melicope lunu-ankenda</i>	
839-3	<i>Syzygium cumini</i>	
1028-3	<i>Dalbergia</i> sp.	
1079-1	<i>Trema orientalis</i>	
1103-1	<i>Azadirachta indica</i>	
1106-1	Unidentified host plant	
1746-1	<i>Bambusa vulgaris</i>	
1774-1	<i>Strychnos nux-vomica</i>	
2613-3	<i>Lagerstroemia speciosa</i>	

Contd...

Table 3. Continued

<i>Fusarium solani</i>		
365-1	<i>Acacia mangium</i>	
509-1	<i>Lepisanthus erecta</i>	
754-1	<i>Hopea parviflora</i>	01-08-2010
763-1	<i>Dalbergia latifolia</i>	
1074-1	Unidentified host plant	
1544-2	<i>Acacia mangium</i>	
1574-1	<i>Acacia mangium</i>	
2573-1	<i>Pongamia pinnata</i>	
2612-1	<i>Desmodium</i> sp.	
2725-1	<i>Acacia mangium</i>	
3033-2	<i>Acacia mangium</i>	
3033-1	<i>Acacia mangium</i>	
3065-2	<i>Azadirachta indica</i>	
<i>Fusarium sporotrichoides</i>		
1089-1	<i>Hibiscus</i> sp.	
<i>Fusarium pricinatum</i>		
745-4	<i>Artocarpus hirsutus</i>	
<i>Fusarium</i> spp.		
592-3	Unidentified host plant	
699-1	<i>Knema attenuata</i>	
731	<i>Pseudarthria vicida</i>	04-09-2010
968-2	<i>Eucalyptus tereticornis</i>	
1700-1	<i>Strychnos nux-vomica</i>	
1773-2	Unidentified host plant	
2245-1	<i>Santalum album</i>	
2396-4	<i>Aporosa lindleyana</i>	
2493-2	<i>Saraca asoca</i>	
2894-5	<i>Myristica</i> sp.	
<i>Glomerella cingulata</i>		
10	<i>Pterocarpus marsupium</i>	
40	<i>Naragamia alata</i>	22-09-2010
59	<i>Pongamia pinnata</i>	18-02-2011
60	<i>Cinnamomum</i> sp.	04-09-2010
74	<i>Zysipus jujuba</i>	29-03-2010
83	<i>Neolitsea scrobiculata</i>	
100	<i>Mimusops elengii</i>	
107	<i>Swietenia mahagoni</i>	
112	<i>Terminalia chebula</i>	16-04-2010
129	<i>Urena lobata</i>	
134	<i>Eucalyptus cameldulensis</i>	
135	<i>Haldina cordifolia</i>	15-03-210
136	<i>Alstonia scholaris</i>	30-04-2010
138	<i>Anacardium occidentale</i>	19-11-2010
148	<i>Ipomea lederifolia</i>	
162	<i>Hemidesmus indicus</i>	
163	<i>Swietenia macrophylla</i>	

Contd...

Table 3. Continued

170	Grass	
174	<i>Sapindus trifoliata</i>	
177	<i>Eucalyptus torelliana</i>	26-10-2010
178	<i>Sterculia guttata</i>	12-04-2010
187	<i>Pterocarpus marsupium</i>	
262	<i>Holoptelia integrifolia</i>	
281	<i>Polygonum chinense</i>	
285	Unidentified host plant	
286	<i>Casurina equisetifolia</i>	
295	<i>Neolitsea scrobiculata</i>	
313	<i>Milliusa tomentosa</i>	
315	<i>Dipterocarpus sp.</i>	
317	<i>Desmodium gangeticum</i>	
326	<i>Nothopodytes nimmoniana</i>	
327	<i>Ocimum gratisimum</i>	
340	Unidentified host plant	22-07-2010
390	<i>Acacia auriculiformis</i>	
418	<i>Loranthus sp.</i>	26-9-2008
425	<i>Lagerstroemia hirsuta</i>	11-03-2008
447	<i>Dimocarpus longan</i>	
448	<i>Clerodendron viscosum</i>	24-12-2010
453	<i>Butea monosperma</i>	
470	<i>Dioscorea pentaphylla</i>	
483	Unidentified host plant	30-10-2008
647	<i>Sapindus trifoliata</i>	12-04-2010
672	<i>Ceiba pendandra</i>	
748	<i>Morinda coriea</i>	
782	<i>Canarium strictum</i>	
785	<i>Macranga peltata</i>	
838	<i>Mimusops elengii</i>	26-2-2008
847	<i>Swietenia mahagoni</i>	14-06-2010
869	<i>Schumannianthus virgatus</i>	
874	<i>Semecarpus travancorica</i>	26-10-2010
879	<i>Rhododendron arborium</i>	20-11-2010
881	<i>Smilax zeylanica</i>	16-2-2009
900	Unidentified host plant	01-01-2008
904	<i>Ficus exasperata</i>	
929	<i>Syzygium travancoricum</i>	20-11-2010
938	<i>Terminalia arjuna</i>	29-05-2010
957	<i>Tetramelus nudiflora</i>	16-2-2009
961	<i>Tilacora acuminata</i>	01-01-2008
968	<i>Eucalyptus tereticornis</i>	05-12-2010
979	<i>Vaccinium neilgherrense</i>	
1042	<i>Syzygium travancoricum</i>	
1075	<i>Flemingia strobilifera</i>	09-04-2010
1103	<i>Cordia dichotoma</i>	01-01-2009
1311	Unidentified host plant	01-01-2009

Contd...

Table 3. Continued

1583	<i>Alsicarpus vaginalis</i>	29-01-2010
1586	<i>Ancistrocladus heynianus</i>	22-02-2010
1590	<i>Aristolochia bracteata</i>	
1591	<i>Artocarpus heterophyllus</i>	
1609	<i>Santalum album</i>	
1622	<i>Sapindus trifoliata</i>	
1631	Unidentified host plant	12-02-2008
1641	<i>Tectona grandis</i>	23-04-2011
1710	<i>Holarrhena antidycebrica</i>	
1775	<i>Terminalia crenulata</i>	02-01-2010
1778	<i>Lagerstroemia</i> sp.	
1798	<i>Ipomoea hederifolia</i>	18-8-2008
1811	<i>Piper longum</i>	04-05-2011
1836	<i>Ficus Benghalensis</i>	
1839	<i>Castenospermum australae</i>	16-04-2010
1841	Unidentified host plant	19-11-2010
1856	<i>Clerodendron viscosum</i>	29-05-2010
2164	Unidentified host plant	15-11-2008
2170	Unidentified host plant	22-09-2010
2187	<i>Polyalthia fragrans</i>	
2229	Unidentified host plant	
2278	Unidentified host plant	
2316	<i>Bridelia airy-shawii</i>	11-06-2009
2331	<i>Atlanta racemosa</i>	
2333	<i>Bischofia javanica</i>	
2334	Unidentified host plant	12-04-2010
2341	<i>Lagerstroemia microcarpa</i>	01-10-2009
2345	<i>Azadirachta indica</i>	
2364	Unidentified host plant	12-04-2010
2395	<i>Terminalia bellirica</i>	11-06-2009
2417	Unidentified host plant	28-12-2008
2433	<i>Pisum sativum</i>	16-04-2011
2466	Unidentified host plant	26-10-2010
2533	<i>Erythrina stricta</i>	19-11-2010
2571	<i>Cinnamomum zeylanicum</i>	20-11-2009
2593	<i>Eucalyptus tereticornis</i>	07-01-2010
2608	Unidentified host plant	30-04-2010
2637	<i>Connarus monocarpus</i>	26-10-2010
2653	<i>Bridelia scandens</i>	
2667	Unidentified host plant	24-12-2010
2674	<i>Lagerstroemia</i> sp.	
2695	<i>Litsea floribunda</i>	
2703	<i>Piper longum</i>	
2771	<i>Curcuma aromatica</i>	15-12-2008
2833	Unidentified host plant	14-5-2009
2839	<i>Kingiodendron pinnatum</i>	26-10-2010
2864	Unidentified host plant	28-12-2008

Contd...

Table 3. Continued

2892	<i>Elaeis guinensis</i>	
2919	<i>Cycas circinalis</i>	
2945	Unidentified host plant	30-3-2009
2963	Unidentified host plant	21-06-2010
2985	<i>Dendrophthoe falcata</i>	
2990	<i>Elephantopus scaber</i>	24-10-2010
3146	<i>Piper nigrum</i>	19-11-2010
3225	Unidentified host plant	21-01-2010
3572	<i>Bauhenia racemosa</i>	30-04-2010
3614	Unidentified host plant	01-01-2010
3621	Unidentified host plant	
3661	Unidentified host plant	24-10-2009
3742	<i>Lagerstroemia microcarpa</i>	
3773	Unidentified host plant	04-09-2010
3809	<i>Naregamia alata</i>	02-04-2011
3830	Unidentified host plant	09-04-2010
3834	Unidentified host plant	07-01-2009
3878	Unidentified host plant	16-10-2009
3967	Unidentified host plant	30-9-2010
3968	Unidentified host plant	12-07-2009
3979	<i>Ficus hispida</i>	14-12-2009
3988	<i>Pterospermum reticulatum</i>	15-01-2010
4000	Unidentified host plant	30-3-2009
4058	Unidentified host plant	21-8-2009
4090	Unidentified host plant	22-02-2010
4163	Unidentified host plant	16-04-2009
4278	Unidentified host plant	04-05-2009
<i>Glomerella tucumanensis</i>		
4001-1	<i>Piper longum</i>	
<i>Guignardia citricarpa</i>		
258-1	<i>Eucalyptus urophylla</i>	
707-1	Eucalyptus clone	
736-2	<i>Eucalyptus deglupta</i>	
744	<i>Eucalyptus pellita</i>	
825	<i>Eucalyptus torelliana</i>	
838-1	<i>Eucalyptus tereticornis</i>	
846-1	<i>Eucalyptus cameldulensis</i>	
1595-2	<i>Eucalyptus citriodora</i>	
1600-1	Eucalyptus clone	
1855-1	<i>Eucalyptus regnans</i>	
3300-1	<i>Eucalyptus grandis</i>	
<i>Guignardia dioscoreae</i>		
1341-1	<i>Dioscorea</i> sp.	
<i>Guignardia</i> spp.		
4	<i>Terminalia paniculata</i>	
5	<i>Hyptis suaveolens</i>	
43	<i>Strychnos nux-vomica</i>	

Contd...

Table 3. Continued

71	<i>Helictres isora</i>	
81	<i>Zanthoxylum rhetsa</i>	
93	<i>Dalbergia latifolia</i>	07-01-2010
122	<i>Teliacora acuminata</i>	
149	<i>Terminalia tomentosa</i>	
180	<i>Pterocarpus indicus</i>	16-04-2010
185	<i>Careya arborea</i>	
189	Unidentified host plant	
198	<i>Syzygium aromaticum</i>	14-06-2010
242	Unidentified host plant	
253	<i>Clerodendron viscosum</i>	
324	<i>Vepris bilocularis</i>	
356	Unidentified host plant	
369	<i>Acacia aculacocarpa</i>	
372	Unidentified host plant	
373	<i>Anamirta cocculus</i>	
378	Unidentified host plant	
391	Unidentified host plant	
400	<i>Acacia mangium</i>	19-11-2010
408	Unidentified host plant	
414	Unidentified host plant	
415	Unidentified host plant	
454	Unidentified host plant	
471	<i>Tectona grandis</i>	12-04-2010
486	<i>Lantana camara</i>	05-05-2008
513	Unidentified host plant	
528	Unidentified host plant	
545	Unidentified host plant	
614	Unidentified host plant	
620	<i>Eucalyptus torelliana</i>	
624	<i>Terminalia catapa</i>	18-8-2008
633	Unidentified host plant	
656	<i>Terminalia alata</i>	
668	Unidentified host plant	
706	Unidentified host plant	09-04-2010
707	<i>Eucalyptus citriodora</i>	20-11-2010
708	Unidentified host plant	07-08-2010
797	Unidentified host plant	
826	Unidentified host plant	
874	<i>Lophopetalum wightianum</i>	
875	<i>Macranga peltata</i>	12-04-2010
877	<i>Madhuka longifolia</i>	
886	<i>Mallotus philippensis</i>	
893	<i>Meliosma simplicifolia</i>	
931	<i>Morinda coriea</i>	30-5-2009
933	<i>Mucuna gigantia</i>	
947	<i>Ochlandra scriptoria</i>	21-6-2008

Contd...

Table 3. Continued

1032	Unidentified host plant	
1042	Unidentified host plant	
1052	Unidentified host plant	
1097	<i>Mimusops elengii</i>	30-9-2010
1302	Unidentified host plant	30-3-2009
1522	<i>Pongmia pinnata</i>	
1524	<i>Populus alba</i>	
1579	<i>Adathoda vasica</i>	
1585	<i>Acacia auriculiformis</i>	
1595	<i>Eucalyptus brassiana</i>	
1598	<i>Pteris biaurata</i>	
1600	<i>Eucalyptus cameldulensis</i>	
1610	<i>Grewia tillifolia</i>	30-3-2009
1614	<i>Garcinia rubro-echinata</i>	
1618	<i>Schleichera oleosa</i>	
1620	<i>Sterculia guttata</i>	
1628	Unidentified host plant	
1635	Unidentified host plant	
1673	<i>Hopea racofloea</i>	
1729	<i>Wrightia tinctoria</i>	
1732	Unidentified host plant	
1734	<i>Pterocarpus indicus</i>	20-2-2009
1740	<i>Pterocarpus marsupium</i>	
1813	Unidentified host plant	
1815	<i>Syzygium cumini</i>	
1819	Unidentified host plant	
1824	<i>Bischofia javanica</i>	
1825	<i>Pterocarpus santalinus</i>	
1828	Unidentified host plant	
1832	Unidentified host plant	
1836	<i>Cinnamomum</i> sp.	
1847	Unidentified host plant	
2033	Unidentified host plant	
2058	<i>Strobilanthes kunthianus</i>	09-04-2010
2066	Unidentified host plant	
2089	<i>Dillenia pentagyna</i>	
2163	Unidentified host plant	
2191	Unidentified host plant	
2224	<i>Dipterocarpus bourdillonii</i>	
2229	Unidentified host plant	
2234	Unidentified host plant	11-12-2009
2235	Unidentified host plant	
2240	<i>Cassia siamea</i>	
2242	Unidentified host plant	
2254	Unidentified host plant	
2260	Unidentified host plant	
2261	Unidentified host plant	19-11-2010

Contd...

Table 3. Continued

2270	Unidentified host plant	
2273	<i>Ficus</i> sp.	12-04-2010
2368	<i>Xylia xylocarpa</i>	
2373	<i>Helictres isora</i>	11-06-2009
2381	Unidentified host plant	
2388	<i>Terminalia chebula</i>	28-06-2010
2424	<i>Pisu sativum</i>	14-06-2010
2427	Unidentified host plant	14-05-2009
2468	Unidentified host plant	
2567	Unidentified host plant	
2571	<i>Artocarpus heterophyllus</i>	14-06-2010
2599	Unidentified host plant	02-04-2011
2614	<i>Zanthoxylum rhetsa</i>	
2664	Unidentified host plant	
2692	Unidentified host plant	
2700	<i>Radesmachera xylocarpa</i>	
2806	<i>Kingiodendron pinnatum</i>	26-12-2008
2937	Unidentified host plant	23-4-2011
2938	Unidentified host plant	
2953	<i>Artocarpus</i> sp.	11-06-2009
2983	<i>Blumia pterodonta</i>	
2987	Unidentified host plant	
3004	<i>Helictres isora</i>	
3142	Unidentified host plant	
3153	Unidentified host plant	
3261	Unidentified host plant	
3560	<i>Terminalia paniculata</i>	25-9-2009
3629	Unidentified host plant	01-01-2009
3646	Unidentified host plant	22-01-2010
3684	Unidentified host plant	10-09-2009
3722	Unidentified host plant	
3810	Unidentified host plant	30-8-2010
3846	<i>Tiliacora acuminata</i>	
3872	Unidentified host plant	02-04-2011
3969	Unidentified host plant	
4002	<i>Eucalyptus urophylla</i>	01-01-2010
4052	Unidentified host plant	22-07-2010
4080	<i>Eupatorium triplinerve</i>	30-11-2009
4088	Unidentified host plant	06-05-2010
4126	Unidentified host plant	
4352	Unidentified host plant	27-01-2011
4391	Unidentified host plant	16-7-2009
<i>Helminthosporium</i> sp.		
2984-1	<i>Clerodendron</i> sp.	
<i>Lasiodiplodia theobromae</i>		
215	<i>Aglaia lawii</i>	12-04-2010
1094	<i>Santalum album</i>	23-11-2010

Contd...

Table 3. Continued

1605	<i>Tectona grandis</i>	10-11-2010
1781	<i>Dillenia pentagyna</i>	23-11-2010
2494	Unidentified host plant	
2514	<i>Stachytarpheta indica</i>	
2540	<i>Acacia mangium</i>	
2602	<i>Hedinocarpus pentantra</i>	
2694	<i>Buchanania lanzan</i>	
2885	<i>Dillenia sp.</i>	
2972	<i>Quassia indica</i>	
3032	<i>Acacia mangium</i>	
3035	<i>Acacia mangium</i>	
3072	<i>Artocarpus heterophyllus</i>	
3079	<i>Spatholobus trifoliata</i>	
3527	<i>Acacia mangium</i>	02-04-2011
3533	<i>Acacia auriculiformis</i>	22-02-2010
3792	<i>Haldina cordifolia</i>	15-03-2010
3801	<i>Tectona grandis</i>	
3830	<i>Helictres isora</i>	12-03-2010
3946	<i>Swietenia mahagoni</i>	
3972	<i>Leea indica</i>	
4138	<i>Knema attenuata</i>	13-04-2009
4145	<i>Tetramelus nudiflora</i>	10-11-2010
3157	<i>Litsea oleoides</i>	
<i>Microsphaeropsis</i>		
<i>Microsphaeropsis sp.1</i>		
1050	<i>Bambusa vulgaris</i>	
<i>Microsphaeropsis sp.2</i>		
1045-1	<i>Cinnamomum malabattrum</i>	
<i>Microsphaeropsis sp.3</i>		
1614	Eucalyptus clone	
<i>Mycosphaerella sp.1</i>		
3642-1	<i>Phyllanthus emblica</i>	
<i>Mycotribulus mirabilis</i>		
2587-1	<i>Eucalyptus cameldulensis</i>	
3893	Unidentified host plant	04-05-2011
3897	<i>Eucalyptus tereticornis</i>	
<i>Mycovellosiella spp.</i>		
158-2	<i>Bombax ceiba</i>	
204-1	<i>Gmelina arborea</i>	
731-3	<i>Pseuarthria viscida</i>	
959-3	<i>Eucalyptus cameldulensis</i>	
2373-1	<i>Helictres isora</i>	
3722-2	<i>Helictres isora</i>	
3958	<i>Helictres isora</i>	28-06-2010
3989	<i>Helictres isora</i>	09-04-2010

Contd...

Table 3. Continued

<i>Myrothecium gramineum</i>		
14	<i>Sida cordata</i>	
339	<i>Tiliacora acuminata</i>	
3767	<i>Holarrhena pubescence</i>	
<i>Myrothecium masonii</i>		
201	<i>Naravelia zeylanica</i>	
1755	<i>Bombax ceiba</i>	
<i>Myrothecium roridium</i>		
32	Unidentified host plant	
61	<i>Pterospermum reticulatum</i>	
340	<i>Tectona grandis</i>	
434	<i>Naravelia zeylanica</i>	10-11-2010
1756	<i>Pterospermum reticulatum</i>	
1795	<i>Spathodea campanulata</i>	
3862	<i>Eucalyptus tereticornis</i>	
3909	<i>Gloriosa superba</i>	
4024	Unidentified host plant	14-8-2009
4115	<i>Holarrhena pubescence</i>	09-04-2010
4227	<i>Persea macrantha</i>	03-01-2011
<i>Myrothecium sp.1</i>		
1693	<i>Coffea travancorensis</i>	
2374	<i>Eucalyptus cameldulensis</i>	
2954	<i>Curcuma aromatica</i>	
3870	Unidentified host plant	10-09-2009
4254	<i>Wrightia tinctoria</i>	30-3-2009
4322	Unidentified host plant	21-06-2010
<i>Myrothecium sp.2</i>		
3829	<i>Baliospermum montanum</i>	23-12-2010
<i>Pestalotiopsis macrospora</i>		
01-1	<i>Terminalia paniculata</i>	
123-1	<i>Eucalyptus tereticornis</i>	
254-2	<i>Sapindua trifoliata</i>	
290	<i>Peltoforum pterocarpum</i>	
295-2	<i>Dillenia pentagyna</i>	
318-1	<i>Leea indica</i>	
437-1	<i>Piper argyrophyllum</i>	
619-1	<i>Eucalyptus tereticornis</i>	
896-2	<i>Eucalyptus tereticornis</i>	
1023-1	Unidentified host plant	
1992-1	<i>Camelia sinensis</i>	
<i>Pestalotiopsis maculans</i>		
01-1	<i>Terminalia paniculata</i>	
21-1	<i>Acacia auriculiformis</i>	
36-2	<i>Zanthoxylum rhetsa</i>	
115-2	<i>Eucalyptus alba</i>	
116-2	<i>Eucalyptus grandis</i>	
186-2	<i>Melaleuca leucadendrum</i>	

Contd...

Table 3. Continued

190-1	<i>Mimusops elengii</i>	
327-1	<i>Dillenia pentagyna</i>	
369 a 4	<i>Acacia auriculiformis</i>	
451-1	<i>Vateria indica</i>	
676-2	<i>Calamus thwaitesii</i>	
768-1	<i>Pterocarpus santalinus</i>	
873-3	<i>Eucalyptus tereticornis</i>	
934-2	<i>Eucalyptus tereticornis</i>	
955-1	<i>Eucalyptus cameldulensis</i>	28-01-2011
1018-1	<i>Terminalia paniculata</i>	
1047-2	<i>Gmelina arborea</i>	
1056-1	<i>Tamarindus indica</i>	
1325-1	<i>Eucalyptus tereticornis</i>	
1549-1	<i>Eucalyptus cameldulensis</i>	
1563-1	<i>Eucalyptus tereticornis</i>	
1583-1	<i>Acacia holoserucea</i>	
1589-5	<i>Acacia mangium</i>	
1600-1	<i>Coffea arabica</i>	
1607-2	<i>Terminalia paniculata</i>	
1687-1	<i>Eucalyptus tessellaris</i>	
1704-1	<i>Eucalyptus torelliana</i>	
1771-1	<i>Myristica fragrans</i>	
1775-2	<i>Terminalia crenulata</i>	
1776-2	<i>Calamus thwaitesii</i>	
1829-1	<i>Terminalia crenulata</i>	
1844-2	<i>Leea indica</i>	
1854-1	<i>Scolopia crenata</i>	
1992-1	<i>Camelia sinensis</i>	
2006-2	Unidentified host plant	
2184-2	<i>Buchanania lanzan</i>	
<i>Pestalotiopsis metasequoiae</i>		
1563-1	<i>Eucalyptus tereticornis</i>	
<i>Pestalotiopsis palustris</i>		
129-2	<i>Urena lobata</i>	
134-2	<i>Bridelia squamosa</i>	
293-3	<i>Ichnocarpus frutescens</i>	
954-2	<i>Eucalyptus tereticornis</i>	
1019-3	<i>Swietenia mahagoni</i>	
1056-3	<i>Tamarindus indica</i>	
1073-1	<i>Acacia mangium</i>	
1914-1	<i>Rhododendron arborium</i>	
<i>Pestalotiopsis perseae</i>		
1563-2	<i>Eucalyptus tereticornis</i>	
<i>Pestalotiopsis smilacis</i>		
321-1	Unidentified host plant	
1022-1	<i>Lygodium flexuosum</i>	
1798-1	<i>Cinnamomum verum</i>	

Contd...

Table 3. Continued

<i>Pestalotiopsis tecomicola</i>		
164-1	<i>Swietenia mahagoni</i>	
1671-1	<i>Eucalyptus deglupta</i>	
1727-1	Unidentified host plant	
2172-4	<i>Eucalyptus tereticornis</i>	
<i>Pestalotiopsis uvicola</i>		
114-2	<i>Eucalyptus urophylla</i>	
439-2	<i>Ficus rigida</i>	
711-2	<i>Connarus monocarpus</i>	
1545-1	<i>Acacia mangium</i>	
1723-2	<i>Aporosa lindleyana</i>	
1881-2	<i>Strychnos colubrina</i>	
<i>Phaeoramularia</i> sp.1		
392-2	<i>Tectona grandis</i>	28-01-2011
<i>Phoma cava</i>		
2771-1	<i>Azadirachta indica</i>	
<i>Phoma eupyrena</i>		
3422	<i>Clausena dentata</i>	
<i>Phoma herbarum</i>		
2574-1	<i>Gluta travancorica</i>	
3980-1	<i>Grewia tillifolia</i>	
<i>Phoma nebulosa</i>		
3354	<i>Salacia fruticosa</i>	
<i>Phoma</i> spp.		
29	<i>Terminalia crenulata</i>	02-04-2011
62	<i>Spathodea campanulata</i>	18-02-2011
116	<i>Ficus hispida</i>	
126	<i>Ailanthus triphysa</i>	
175	<i>Hunteria zeylanica</i>	23-12-2010
179	<i>Schleichera oleosa</i>	05-12-2010
180	<i>Rubus ellipticus</i>	20-11-2010
186	<i>Neolitsea</i> sp.	
279	<i>Wrightia tinctoria</i>	
288	<i>Cinnamomum zeylanicum</i>	
292	<i>Debregeasia longifolia</i>	20-11-2010
302	<i>Dalbergia latifolia</i>	20-10-2008
303	<i>Mitacarpus verticillatus</i>	12-04-2010
1724	<i>Terminalia paniculata</i>	
1748	<i>Dillenia pentagyna</i>	
1949	<i>Tectona grandis</i>	
2097	<i>Haldinia cordifolia</i>	30-9-2010
2393	<i>Mesua thwaitesii</i>	
2505	<i>Leea indica</i>	29-7-2009
2623	<i>Gmelina arborea</i>	01-10-2009
2830	<i>Cassia fistula</i>	
2905	<i>Lagerstroemia microcarpa</i>	
2924	<i>Clerodendrum viscosum</i>	

Contd...

Table 3. Continued

2929	<i>Strychnos nux-vomica</i>	
3254	<i>Argerea cuneata</i>	
3353	<i>Pterospermum reticulatum</i>	
3581	<i>Helictres isora</i>	
3701	<i>Vateria indica</i>	
3738	<i>Vitex altissima</i>	
3998	Unidentified host plant	15-01-2010
4352	<i>Anogeissus latifolia</i>	05-12-2010
4386	<i>Pterocarpus marsupium</i>	30-04-2010
<i>Phomopsis</i> spp.		
4	<i>Terminalia paniculata</i>	05-05-2008
5	<i>Hyptis suaveolens</i>	
15	<i>Helictres isora</i>	03-04-2008
21	<i>Acacia auriculiformis</i>	18-02-2011
27	<i>Drypetes elata</i>	26-02-2008
38	<i>Ficus hispida</i>	
41	<i>Dalbergia latifolia</i>	
61	<i>Pterospermum reticulatum</i>	
74	<i>Zysipus jujuba</i>	
85	<i>Salacia fruticosa</i>	22-05-2010
93	<i>Dalbergia latifolia</i>	30-8-2010
99	<i>Mimusops elengii</i>	26-2-2008
101	<i>Terminalia paniculata</i>	
110	<i>Dalbergia latifolia.</i>	03-04-2010
161	<i>Madhuka longifolia</i>	
179	Unidentified host plant	
198	<i>Syzygium aromaticum</i>	24-12-2010
235	<i>Persea macrantha</i>	24-12-2010
238	<i>Pterospermum reticulatum</i>	28-01-2011
240	<i>Pterospermum reticulatum</i>	21-06-2010
243	<i>Lophopetalum wightianum</i>	14-06-2010
245	<i>Mimosa pudica</i>	26-02-2008
250	Unidentified host plant	05-05-2008
274	<i>Tetramelus nudiflora</i>	
282	Unidentified host plant	
289	<i>Persea macrantha</i>	
298	<i>Flacourtia montana</i>	04-05-2010
300	<i>Otonephelium</i> sp.	
309	<i>Tectona grandis</i>	19-11-2010
3104	<i>Hevea braziliensis</i>	
311	Unidentified host plant	05-05-2008
319	<i>Crysophyllum</i> sp.	
330	Unidentified host plant	10-11-2010
333	<i>Pheananthus malabaricum</i>	
352	Unidentified host plant	
353	<i>Bombax ceiba</i>	22-05-2010
353	<i>Lagerstromia indica</i>	12-04-2010

Contd...

Table 3. Continued

376	<i>Lagerstroemia indica</i>	
382	<i>Dalbergia latifolia</i>	
403	<i>Tectona grandis</i>	22-10-2008
413	<i>Otonophelium stipulaceum</i>	
422	Unidentified host plant	22-9-2008
428	<i>Cordia wallichii</i>	
445	<i>Otonophalium stipulaceum</i>	23-12-2010
448	<i>Clerodendron viscosum</i>	
452	<i>Semicarpus travancortica</i>	05-02-2009
480	<i>Castenospermum australae</i>	27-02-2010
482	Unidentified host plant	
486	<i>Lantana camara</i>	19-11-2010
489	<i>Eucalyptus citriodora</i>	
494	<i>Holoptelia</i>	
496	<i>Allophyllus cobbe</i>	04-05-2011
507	<i>Otonophellium stipulaceum</i>	01-07-2011
520	<i>Scheichera oleosum</i>	05-12-2010
559	<i>Lantana camara</i>	24-02009
563	<i>Olea dioica</i>	05-02-2009
564	<i>Ixora brachiata</i>	24-12-2010
574	<i>Casurina equisetifolia</i>	24-12-2010
579	<i>Dalbergia latifolia</i>	05-02-2009
585	<i>Chromalaena odorata</i>	
587	<i>Litsea laevigata</i>	
588	<i>Helictres isora</i>	
589	<i>Hopea parviflora</i>	24-12-2010
594	<i>Persea macrantha</i>	24-04-2009
611	<i>Strychnos colubrina</i>	30-4-2009
615	<i>Litsea laevigata</i>	14-12-2009
634	Unidentified host plant	23-12-2010
642	<i>Glycosmis pentaphylla</i>	
645	<i>Butea monosperma</i>	05-02-2009
647	<i>Sapindus trifoliata</i>	
650	<i>Sapindus trifoliata</i>	06-05-2010
653	<i>Xanthophyllum arnottianum</i>	21-06-2010
665	<i>Xylia dolabriformis</i>	14-12-2009
671	<i>Eucalyptus clone</i>	
673	<i>Flemingia strobiliflora</i>	29-03-2010
676	<i>Dipterocarpus bourdillonii</i>	24-12-2010
711	<i>Ichnocarpus frutescens</i>	
713	<i>Leea indica</i>	
726	<i>Smilax</i> sp.	
727	<i>Syzygium laetum</i>	05-12-2010
729	<i>Trichilia connaroides</i>	
736	<i>Ixora brachiata</i>	23-12-2010
738	<i>Rourea minor</i>	27-02-2010
739	<i>Uvaria narum</i>	

Contd...

Table 3. Continued

741	<i>Elaeocarpus glandulosus</i>	26-9-2008
744	<i>Leea indica</i>	
751	<i>Calamus</i> sp.	
762	<i>Sterculia urens</i>	
774	Unidentified host plant	
777	<i>Chionanthus mala elengi</i>	
785	<i>Knema attenuata</i>	
787	<i>Pterospermum reticulatum</i>	
790	<i>Diospyros malabaricum</i>	
793	<i>Grewia tillifolia</i>	
794	<i>Dalbergia horrida</i>	22-9-2008
795	<i>Litsea laevigata</i>	
798	<i>Persea macrantha</i>	18-02-2011
802	<i>Piper nigrum</i>	
803	<i>Xylia xylocarpa</i>	03-04-2008
804	<i>Mesua ferrea</i>	27-11-2009
805	<i>Litsea laevigata</i>	07-08-2010
806	<i>Jasminum</i> sp.	
809	<i>Sterculia guttata</i>	19-11-2010
811	<i>Swietenia mahagoni</i>	
813	<i>Pterospermum diversifolium</i>	
825	<i>Neolamarckia cadamba</i>	
832	<i>Hevea braziliensis</i>	
837	<i>Tectona grandis</i>	21-1-2008
838	<i>Miliusa tomentosa</i>	
842	<i>Pterocarpus santalinus</i>	23-12-2010
843	<i>Sterculia villosa</i>	
846	<i>Grevillea robusta</i>	
852	Unidentified host plant	
853	<i>Lagerstromia indica</i>	01-01-2008
861	<i>Terminalia crenulata</i>	
898	<i>Glochidion ellipticum</i>	
906	<i>Persea macrantha</i>	
917	<i>Hevea braziliensis</i>	
918	<i>Acacia crassicarpa</i>	23-12-2010
922	<i>Acacia mangium</i>	23-12-2011
924	<i>Stereospermum chelonoides</i>	
927	<i>Strychnos colubrina</i>	
928	<i>Strychnos nux-vomica</i>	
930	<i>Terminalia paniculata</i>	03-04-2008
932	<i>Swietenia macrophylla</i>	24-12-2010
937	<i>Swietenia mahagoni</i>	
943	<i>Hevea braziliensis</i>	
944	<i>Hevea braziliensis</i>	
946	<i>Symplocos macrophylla</i>	
948	<i>Syzygium</i> sp.	
961	<i>Syzygium travancoricum</i>	

Contd...

Table 3. Continued

963	<i>Syzygium aromaticum</i>	23-12-2010
964	<i>Syzygium laetum</i>	12-04-2010
996	Unidentified host plant	
1000	<i>Xylia dolabriformis</i>	03-04-2008
1002	<i>Hydnocarpus pendandra</i>	14-2-2008
1005	Unidentified host plant	30-3-2009
1006	Unidentified host plant	20-11-2010
1012	<i>Macranga peltata</i>	
1017	<i>Dysoxylum malabaricum</i>	
1019	Unidentified host plant	
1021	<i>Heritiera papilio</i>	
1024	<i>Melicope lunu ankenda</i>	30-3-2009
1026	<i>Careya arborea</i>	
1031	Unidentified host plant	
1038	Unidentified host plant	
1039	<i>Olea dioica</i>	
1041	Unidentified host plant	
1043	Unidentified host plant	
1044	Unidentified host plant	30-3-2009
1075	<i>Flemingia strobilifera</i>	
1076	Unidentified host plant	
1077	Unidentified host plant	
1081	<i>Eucalyptus clone</i>	
1086	<i>Neolitsea strobiculata</i>	
1088	<i>Ansistrocladus heynianus</i>	
1089	<i>Hibiscus</i> sp.	01-01-2008
1093	<i>Stephania</i> sp.	
1097	<i>Mimusops elengii</i>	
1104	<i>Mangifera indica</i>	30-03-2009
1115	<i>Cinnamomum malabatum</i>	
1193	Unidentified	01-01-2009
1195	<i>Mangifera indica</i>	
1196	<i>Mangifera indica</i>	
1301	<i>Cassia fistula</i>	
1305	Unidentified host plant	
1337	<i>Vateria indica</i>	
1432	<i>Persea macrantha</i>	
1444	Unidentified host plant	
1448	<i>Angiopteris erecta</i>	30-1-2008
1450	<i>Anogeissus latifolia</i>	19-11-2010
1467	<i>Melina arborea</i>	09-04-2010
1471	<i>Acrocarpus fraxinifolius</i>	
1529	<i>Acronychia pedunculata</i>	15-07-2010
1540	Unidentified host plant	
1564	<i>Syzygium mundagam</i>	
1581	<i>Tectona grandis</i>	07-01-2010
1589	<i>Aphanamixis polystachya</i>	

Contd...

Table 3. Continued

1633	<i>Eucalyptus clone</i>	
1634	<i>Dioscorea sp.</i>	30-3-2009
1637	Unidentified host plant	07-08-2010
1641	<i>Tectona grandis</i>	
1643	<i>Tectona grandis</i>	28-03-2011
1649	<i>Pawlonia sp.</i>	22-05-2010
1655	<i>Tectona grandis</i>	
1663	<i>Hyptis suaveolens</i>	
1666	<i>Phoebe lanceolata</i>	
1672	<i>Spatholobus trifoliolate</i>	
1690	<i>Hopea ponga</i>	15-07-2010
1696	<i>Tectona grandis</i>	
1698	<i>Tectona grandis</i>	
1701	<i>Actinodapne madraspatana</i>	
1716	<i>Melastoma malabaricum</i>	
1743	<i>Glycosmis pentaphylla</i>	
1749	<i>Mimosa pudica</i>	22-07-2010
1750	<i>Mimusops elengii</i>	
1752	<i>Uvaria narum</i>	
1753	<i>Dioscorea pentaphylla</i>	
1758	<i>Macranga peltata</i>	07-08-2010
1759	<i>Macranga peltata</i>	01-05-2011
1761	Unidentified host plant	
1762	<i>Tectona grandis</i>	
1765	<i>Tectona grandis</i>	
1770	Unidentified host plant	
1779	<i>Swietenia macrophylla</i>	09-04-2010
1780	<i>Terpenia malabarica</i>	
1789	Unidentified host plant	
1792	<i>Smilax sp.</i>	
1801	<i>Allophyllus cobbe</i>	
1807	<i>Curcuma sp.</i>	04-05-2010
1833	<i>Croton malabaricus</i>	15-03-2010
1834	<i>Calamus thwaitesii</i>	16-04-2011
1835	<i>Toona ciliata</i>	21-12-2009
1844	<i>Leea indica</i>	
1846	<i>Hydnocarpus pendandra</i>	29-05-2010
1849	<i>Heritiera papilio</i>	
1852	<i>Bischofia javanica</i>	
1853	Unidentified host plant	
1874	<i>Mallotus philippensis</i>	
1918	<i>Rubus ellipticus</i>	
1926	<i>Mucuna gigantia</i>	
1947	Unidentified host plant	
1958	<i>Neolitsea strobiculata</i>	12-07-2009
1995	Unidentified host plant	
2050	<i>Ziziphus mauritiana</i>	

Contd...

Table 3. Continued

2101	<i>Trichodesma zeylanicum</i>	
2108	<i>Rebea ornata</i>	
2122	<i>Zizypus oenoplea</i>	
2126	<i>Ixora</i> sp.	
2128	<i>Pterocarpus santalinus</i>	
2175	<i>Persea americana</i>	
2177	<i>Thespesia populnia</i>	23-12-2010
2184	<i>Dillenia pentagyna</i>	
2187	Unidentified host plant	
2195	<i>Ixora</i> sp.	
2198	<i>Jasminum</i> sp.	
2214	<i>Eucalyptus deglupta</i>	
2223	Unidentified host plant	
2232	<i>Mallotus</i> sp.	
2239	<i>Cassia fistula</i>	
2244	<i>Buchanania lanzan</i>	
2263	<i>Leea indica</i>	29-05-2010
2267	<i>Pterocarpus marsupium</i>	30-3-2009
2280	<i>Xylia xylocarpa</i>	
2283	Unidentified	28-06-2010
2284	<i>Haldinia cordifolia</i>	23-04-2011
2294	<i>Grewia tillifolia</i>	30-3-2009
2299	<i>Lophopetalum wightianum</i>	30-3-2009
2326	<i>Sterculia guttata</i>	15-01-2009
2337	<i>Tectona grandis</i>	15-07-2010
2377	Unidentified host plant	
2379	Unidentified host plant	
2388	Unidentified host plant	11-01-2010
2390	<i>Haldinia cordifolia</i>	21-01-2010
2393	Unidentified host plant	
2400	<i>Xylia xylocarpa</i>	30-7-2008
2405	<i>Dalbergia sissooides</i>	30-7-2008
2409	<i>Radesmachera xylocarpa</i>	
2410	<i>Revea ornate</i>	28-7-2008
2415	<i>Rourea minor</i>	28-7-2008
2417	Unidentified host plant	
2427	Unidentified host plant	
2432	<i>Elaeis guinensis</i>	01-07-2011
2439	<i>Glycosmis pentaphylla</i>	28-06-2010
2440	<i>Tectona grandis</i>	
2442	Unidentified host plant	
2447	<i>Pongamia pinnata</i>	25-8-2008
2451	<i>Elaeis guinensis</i>	
2452	<i>Tectona grandis</i>	
2453	<i>Tectona grandis</i>	
2457	<i>Toona ciliata</i>	19-11-2010
2465	Unidentified host plant	16-04-2010

Contd...

Table 3. Continued

2490	<i>Tectona grandis</i>	
2499	Unidentified host plant	
2507	<i>Tectona grandis</i>	23-12-2010
2511	Unidentified host plant	17-7-2008
2515	<i>Pterospermum reticulatum</i>	01-05-2011
2517	<i>Pterospermum reticulatum</i>	28-01-2009
2518	<i>Tabernaemontana heyneana</i>	
2522	<i>Pterospermum reticulatum</i>	
2541	<i>Pterospermum reticulatum</i>	28-7-2008
2542	<i>Pterospermum reticulatum</i>	
2548	<i>Glycosmis pentaphylla</i>	27-01-2011
2549	Unidentified host plant	
2557	<i>Alstonia scholaris</i>	28-7-2008
2561	Unidentified host plant	
2569	<i>Pterospermum reticulatum</i>	27-05-2009
2572	Unidentified host plant	
2581	<i>Saraca asoca</i>	30-7-2008
2611	Unidentified host plant	22-12-2008
2615	<i>Hyptis suaveolens</i>	07-01-2010
2617	<i>Elaeis guinensis</i>	02-02-2009
2623	<i>Trema</i> sp.	
2639	<i>Vitex altissima</i>	02-02-2009
2664	Unidentified host plant	
2665	<i>Ficus</i> sp.	02-02-2009
2669	<i>Tectona grandis</i>	
2675	Unidentified host plant	28-12-2008
2676	<i>Ficus</i> sp.	19-11-2010
2677	<i>Terminalia catapa</i>	
2679	<i>Lagerstromia indica</i>	15-02-2010
2685	<i>Helictres isora</i>	
2696	<i>Pterospermum reticulatum</i>	
2698	Unidentified host plant	
2707	<i>Malotus tetracoccus</i>	01-05-2011
2708	<i>Tabernaemontana heyneana</i>	01-07-2011
2714	<i>Tectona grandis</i>	11-06-2009
2716	<i>Knema attenuata</i>	30-5-2009
2723	<i>Hedychium flavescens</i>	01-10-2009
2736	<i>Knema attenuata</i>	02-02-2009
2740	<i>Rourea minor</i>	14-06-2010
2741	Unidentified host plant	28-01-2009
2743	<i>Ixora brachiata</i>	30-5-2009
2744	<i>Cinnamomum zeylanicum</i>	15-01-2009
2745	Unidentified host plant	
2762	Unidentified host plant	
2769	<i>Terminalia bellirica</i>	28-03-2009
2778	Unidentified host plant	22-12-2008
2806	<i>Diplocleisium</i> sp.	24-12-2010

Contd...

Table 3. Continued

2810	<i>Terminalia bellirica</i>	30-5-2009
2817	<i>Cullenia exarillata</i>	
2820	<i>Erythropaulum scandens</i>	22-12-2008
2842	<i>Schleichera oleosa</i>	13-10-2008
2861	<i>Pterocarpus marsupium</i>	26-12-2008
2866	Unidentified host plant	
2867	Unidentified host plant	
2868	<i>Dimocarpus longan</i>	27-5-2009
2869	Unidentified host plant	
2872	Unidentified host plant	
2925	Unidentified host plant	07-08-2010
2934	Unidentified host plant	23-4-2011
2937	Unidentified host plant	30-3-2009
2939	<i>Cinnamomum zeylanicum</i>	23-12-2010
2940	Unidentified host plant	04-05-2011
2942	<i>Eucalyptus tereticornis</i>	
2943	Unidentified host plant	30-8-2010
2944	<i>Pueraria tuberosa</i>	15-12-2008
2953	<i>Catunaragam torulosa</i>	
2959	<i>Crysophyllum</i> sp.	
2971	Unidentified host plant	15-12-2008
3000	<i>Schleichera oleosa</i>	
3018	<i>Schumannianthus virgatus</i>	
3024	Unidentified host plant	
3043	<i>Clerodendrum</i> sp.	
3044	<i>Cleistanthus collinus</i>	
3076	<i>Lagerstroemia microcarpa</i>	
3079	Unidentified host plant	
3089	Unidentified host plant	
3119	Unidentified host plant	
3160 b	Unidentified host plant	
3189	Unidentified host plant	
3207	<i>Allophyllus cobbe</i>	11-12-2009
3224	Unidentified host plant	
3227	<i>Lagerstroemia reginae</i>	
3233	<i>Lagerstroemia speciosa</i>	
3234	<i>Diospyros buxifolia</i>	
3242	Unidentified host plant	
3255	Unidentified host plant	
3287	<i>Xanthophyllum arnottianum</i>	
3312	Unidentified host plant	
3323	Unidentified host plant	
3336	Unidentified host plant	
3352	Unidentified host plant	
3367	<i>Gluta travancorica</i>	
3501	<i>Cassia fistula</i>	
3552	Unidentified host plant	30-04-2010

Contd...

Table 3. Continued

3561	<i>Azadirachta indica</i>	14-9-2009
3562	<i>Bauhenia variegata</i>	25-9-2009
3568	<i>Bauhenia purpurea</i>	14-9-2009
3576	<i>Melastoma malabaricum</i>	23-12-2010
3586	Unidentified host plant	10-01-2009
3595	Unidentified host plant	
3612	Unidentified host plant	
3667	<i>Centrosema pubescens</i>	24-10-2009
3672	Unidentified host plant	
3675	Unidentified host plant	
3686	Unidentified host plant	
3695	Unidentified host plant	
3717	Unidentified host plant	
3723	<i>Delonix regia</i>	
3737	Unidentified host plant	
3740	Unidentified host plant	
3760	<i>Ficus</i> sp.	
3772	Unidentified host plant	
3782	Unidentified host plant	
3785	Unidentified host plant	15-03-2010
3787	Unidentified host plant	03-08-2010
3804	Unidentified host plant	
3805	Unidentified host plant	
3814	Unidentified host plant	
3820	Unidentified host plant	11-01-2010
3836	Unidentified host plant	10-11-2010
3842	Unidentified host plant	
3843	Unidentified host plant	07-01-2009
3853	<i>Meliocope lunu-ankenda</i>	21-12-2009
3855	Unidentified host plant	24-12-2010
3856	Unidentified host plant	24-10-2009
3864	Unidentified host plant	11-01-2010
3877	<i>Meliosma simplicifolia</i>	10-09-2009
3919	<i>Terminalia paniculata</i>	15-01-2010
3921	<i>Albizia lebeck</i>	12-01-2009
3948	Unidentified host plant	
3953	Unidentified host plant	14-06-2010
3964	<i>Gmelina arborea</i>	06-05-2010
3986	Unidentified host plant	07-01-2009
3995	Unidentified host plant	15-01-2010
4009	<i>Dipterocarpus</i> sp.	03-01-2011
4015	Unidentified host plant	
4073	Unidentified host plant	
4084	Unidentified host plant	
4087	Unidentified host plant	07-01-2010
4096	<i>Polyalthia fragrans</i>	
4103	Unidentified host plant	

Contd...

Table 3. Continued

4129	Unidentified host plant	
4143	<i>Connarus monocarpus</i>	04-08-2009
4180	Unidentified host plant	03-01-2011
4224	Unidentified host plant	16-04-2009
4226	Unidentified host plant	
4228	<i>Cycas circinalis</i>	
4233	<i>Gomphostemma heyneanum</i>	03-01-2011
4237	Unidentified host plant	07-08-2009
4256	Unidentified host plant	15-02-2010
4259	<i>Camelia sinensis</i>	04-05-2011
4275	Unidentified host plant	02-08-2010
4289	<i>Litsea wightiana</i>	24-03-2009
4294	<i>Bridelia airy-shawii</i>	24-03-2009
4299	Unidentified host plant	02-01-2010
4317	<i>Lingiustrum robustum</i>	20-5-2008
4332	Unidentified host plant	16-04-2010
4372	Unidentified host plant	04-05-2009
4377	Unidentified host plant	28-06-2010
4387	Unidentified host plant	16-04-2009
4403	Unidentified host plant	20-5-2008
4410	<i>Clerodendron viscosum</i>	20-5-2009
4415	<i>Trichilia connaroides</i>	16-7-2009
4442	<i>Trichodesma zeylanicum</i>	16-7-2009
<i>Phyllosticta spp.</i>		
1809	<i>Azadirachta indica</i>	
2195	<i>Connarus monocarpus</i>	
2336	<i>Vitex altissima</i>	
2342	<i>Neolamarekia cadamba</i>	22-07-2010
2585	<i>Eucalyptus cameldulensis</i>	01-05-2011
2674	<i>Madhuka longifolia</i>	
2687	Unidentified host plant	
2823	<i>Xylia xylocarpa</i>	
2857	<i>Diospyros sp.</i>	
2913	<i>Mikania micrantha</i>	12-04-2010
2979	Unidentified host plant	
3048	<i>Eucalyptus tereticornis</i>	21-01-2010
3132	<i>Lophopetalum wightianum</i>	
3213	<i>Lagerstroemia speciosa</i>	
3460	<i>Dipterocarpus sp.</i>	
3477	<i>Garcinia gummy-gutta</i>	
3983	<i>Alpinia galanga</i>	30-11-2009
4137	Unidentified host plant	21-8-2009
<i>Physalospora dalbergiae</i>		
142-1	<i>Dalbergia latifolia</i>	
<i>Pseudocercospora spp.</i>		
2234	Unidentified host plant	29-01-2010
2323	<i>Flacourtia montana</i>	

Contd...

Table 3. Continued

2340	<i>Tectona grandis</i>	10-11-2010
2370	<i>Tectona grandis</i>	03-01-2011
2386	<i>Cinnamomum verum</i>	27-01-2011
2430	<i>Eucalyptus tereticornis</i>	19-11-2010
2765	<i>Polyalthia fragrans</i>	12-04-2010
2876	<i>Dioscorea wallichii</i>	12-04-2010
2945	<i>Strychnos nux-vomica</i>	
3034	<i>Acacia mangium</i>	07-08-2010
3048	<i>Gmelina arborea</i>	21-01-2010
3225	Unidentified host plant	
3644	<i>Baliospermum montanum</i>	
<i>Pullospora</i> sp-1		
3691	<i>Cinnamomum malabatum</i>	
3741	<i>Holigarna ferruginoides</i>	
3867	<i>Butea monospema</i>	
3876	<i>Xylia xylocarpa</i>	10-09-2009
<i>Pythium ultimum</i>		
2351	<i>Albizia odoratissima</i>	
<i>Pythium</i> sp-1		
3997	<i>Hopea parviflora</i>	
<i>Readeriella mirabilis</i>		
182	<i>Melaleuca leucadendrum</i>	
184	<i>Xylia dolabriformis</i>	
<i>Rhizoctonia solani</i>		
119	<i>Calamus hookerianus</i>	
165	<i>Pterocarpus marsupium</i>	
183	<i>Tectona gradis</i>	
203	<i>Borreria latifolia</i>	
296	<i>Holarrhena pubescence</i>	
335	<i>Pongamia pinnata</i>	
2367	<i>Piper longum</i>	
2739	<i>Macranga peltata</i>	
2742	<i>Curcuma aromatica</i>	
2908	<i>Leea indica</i>	
3588	Unidentified host plant	30-8-2010
3833	<i>Tamarindus indica</i>	
3837	<i>Ancistrocladus heynianus</i>	
<i>Sclerotium rolfsii</i>		
2529	<i>Xanthophyllum arnottianum</i>	
2768	<i>Pterocarpus santalinus</i>	
2911	<i>Andrographis paniculata</i>	
2974	<i>Caesalpinia suppan</i>	
3262	<i>Stenochlaena palustris</i>	
3287	<i>Flacourtia montana</i>	
3889	<i>Dysoxylum malabaricum</i>	22-01-2010
4214	<i>Tectona gradis</i>	03-01-2011

Contd...

Table 3. Continued

<i>Septoria grewiae</i>		
3845-1	<i>Grewia tillifolia</i>	
<i>Septoria</i> sp-1		
293	Unidentified host plant	04-05-2010
4081	Unidentified host plant	07-01-2010
<i>Stagnospora vitensis</i>		
2654-1	<i>Olea dioica</i>	
<i>Stagnospora</i> sp-1		
2985-1	<i>Bauhinia purpurea</i>	
<i>Stenocarpella macrospora</i>		
1091	<i>Vites altissima</i>	
<i>Urohendersonia pongamiae</i>		
3626-1	<i>Pongamia pinnata</i>	
<i>Verticillium</i> sp-1		
495	<i>Rhaphidophora pertusa</i>	27-02-2010
1120	<i>Aporusa lindleyana</i>	18-8-2008

CONCLUSION

Microbial diversity has enormous value; it can provide solutions to environmental, food and health problems and produce high-value products. Culture collections have the crucial role of providing the authenticated biological material upon which high quality research is based. They play an important role in the conservation, understanding and utilization of the world's microbial diversity. They are also the part and parcel of industrial biotechnology. Hence microbial culture collections are essential in understanding the microbial diversity.

References

1. Booth, C. 1971. The Genus *Fusarium*. Commonwealth Mycological Institute. Kew, Surrey, England. 237.
2. Brenner, D. J., Krieg, N. R., Staley, J. T., Garrity, G. M., "Bergey's Manual of Systematic Bacteriology 2nd ed.", Springer, US, 111-112 (2005).
3. Domesch, K. H. and Gams, W. 1980. Compendium of soil fungi, Vol-I, Academic Press, A Subsidiary of Harcourt Brace Jovanovich Publishers, London. 859.
4. Ellis, M. B. and Ellis, J. P. 2001. Microfungi on land plants an identification handbook. Croom helm Australia Pvt. Ltd., Sydney, Australia. 818

5. Nag Raj, T. R. 1993. Coelomycetous anamorph with appendage-bearing conidia. Mycologue Publications, Waterloo, Ontario, Canada. Pp. 1101
6. Sutton, B. C. 1980. The Coelomycetes Fungi Imperfecti with Pycnidia, Acervuli and Stromata. Commonwealth Mycological Institute, Kew, Surrey, England. 696.
7. Uruburu, F., "History and services of culturecollections", *Int. Microbiol.*, 6:101-103 (2003).
8. Waites, M. J., Morgan, N. L., Rockey, J. S. and Higton, G., "Industrial Microbiology: An Introduction 1st ed.", *Blackwell Science*, Great Britain, 78-79 (2001).