

NEW DISCOVERIES OF FOLIICOLOUS FUNGI

Research work entitled “Fungal parasites on medicinal plants in Thiruvananthapuram District of Kerala State” leading to Ph.D. Degree was carried out by A. Sabeena. She has completed the research work. She discovered 127 New species of foliicolous fungi; 16 New varieties and 18 New records to India; 2 New genera, 3 New generic records; and 3 rare fungi under the guidance of Dr. V. B. Hosagoudar, Honorary Research Advisor and Dr.V.Dhivaharan, Co-Guide of this institution.

New genera	
1.	<i>Maheshwaramyces</i> Hosag.
2.	<i>Bheemamyces</i> Hosag
New generic records	
1.	<i>Meliolaster</i> Hohnel
2.	<i>Symphaster</i> Theiss. & Sydow
3.	<i>Viegasia</i> (Hansf.) Bat.
New species	
1.	<i>Amazonia goosii</i> Hosag. & Abraham
2.	<i>Amazonia henryi</i> Hosag.
3.	<i>Armatella balakrishnanii</i> Hosag.
4.	<i>Armatella cryptocaryae</i> Hosag.
5.	<i>Asteridiella amomi</i> Hosag. & Jacob Thomas
6.	<i>Asteridiella dilleniae</i> Hosag. & Kamar.
7.	<i>Asteridiella ficiicola</i> Hosag., Archana & Sabu
8.	<i>Asteridiella ixorae</i> Hosag. & Archana
9.	<i>Asteridiella justiciae</i> Hosag. & Rajkumar
10.	<i>Asteridiella kombeensis</i> Hosag
11.	<i>Asteridiella micheliae</i> Hosag., Archana & Agarwal
12.	<i>Asteridiella myristicacearum</i> Hosag.
13.	<i>Asteridiella sebastianiae</i> Hosag, Sabeena & Jacob Thomas
14.	<i>Asteridiella strebli</i> Hosag.
15.	<i>Asteridiella vivekananthanii</i> Hosag.
16.	<i>Asterina acrotremae</i> Hosag. & Chandra

17.	<i>Asterina aristolochiae</i> Hosag. & Jacob Thomas
18.	<i>Asterina atalantiae</i> Hosag. & Agarwal
19.	<i>Asterina averrhoae</i> Hosag., Kamar. & K.P. Babu
20.	<i>Asterina cassicola</i> Hosag. & Archana
21.	<i>Asterina diospyri</i> Hosag. & C.K. Pradeep
22.	<i>Asterina elatostematis</i> Hosag. & Goos
23.	<i>Asterina emciana</i> Hosag., Robin & Archana
24.	<i>Asterina erythropallica</i> Hosag. & Goos
25.	<i>Asterina gamsii</i> Hosag. & C.K. Biju
26.	<i>Asterina hibisci</i> (Doidge) Hosag.
27.	<i>Asterina hopeae</i> Hosag. & Kamar.
28.	<i>Asterina melicopecola</i> Hosag. & Abraham
29.	<i>Asterina mimusopsidicola</i> Hosag. & Sabeena
30.	<i>Asterina morellae</i> Hosag., C.K. Biju & Abraham
31.	<i>Asterina myristicacearum</i> Hosag. & Sabeena
32.	<i>Asterina myristicae</i> Hosag. & Sabeena
33.	<i>Asterina naraveliae</i> Hosag., C.K. Biju & Agarwal
34.	<i>Asterina pongalaparensis</i> Hosag., C.K. Biju & Abraham
35.	<i>Asterina saracae</i> Hosag.
36.	<i>Asterina suttonii</i> Hosag., C.K. Biju & Abraham
37.	<i>Asterina thotteae</i> Hosag. & Hanlin
38.	<i>Asterolibertia hydnocarpi</i> Hosag. & Abraham
39.	<i>Asterostomella baliospermi</i> Hosag., Archana & Agarwal
40.	<i>Asterostomella dilleniacearum</i> Hosag., Abraham & C.K. Biju
41.	<i>Asterostomella elaeocarpi-serrati</i> Hosag.
42.	<i>Asterostomella terminaliae</i> Hosag., Balakr. & Goos
43.	<i>Asterostomula pavettae</i> Hosag. & Sabeena
44.	<i>Bheemamyces capparidis</i> Hosag. & Sabeena
45.	<i>Cirsosia hopeae</i> Hosag. & Jacob Thomas
46.	<i>Clasterosporium cyperacearum</i> Hosag.
47.	<i>Echidnodella memecyli</i> Hosag. & Abraham
48.	<i>Echidnodella polyalthiae</i> Hosag.
49.	<i>Echidnodella vateriae</i> Hosag. & Kamar.
50.	<i>Irenopsis helicteridis</i> Hosag.

51.	<i>Irenopsis kleinhoviae</i> Hosag. & Archana
52.	<i>Irenopsis murrayae</i> Hosag. & Rajkumar
53.	<i>Irenopsis xeromphidis</i> Hosag. & Sabeena
54.	<i>Lembosia humboldtiae</i> Hosag. & Abraham
55.	<i>Lembosia humboldtiicola</i> Hosag. Jacob & Sabeena
56.	<i>Lembosia humboldtiigena</i> Hosag. & Sabeena
57.	<i>Maheshwaramyces pachygonos</i> Hosag., Archana & Mathew Dan
58.	<i>Meliola actinodaphnecola</i> Hosag. & Abraham
59.	<i>Meliola allophyligena</i> Hosag.
60.	<i>Meliola allophyli-serrulati</i> Hosag. & Abraham
61.	<i>Meliola altissimae</i> Hosag.
62.	<i>Meliola ardigoosii</i> Hosag. & Abraham
63.	<i>Meliola attayarica</i> Hosag & Abraham
64.	<i>Meliola cannonii</i> Hosag.
65.	<i>Meliola canthii-angustifolii</i> Hosag.
66.	<i>Meliola carissae</i> Doidge var. <i>spinari</i> Hosag.
67.	<i>Meliola chandrasekharanii</i> Hosag.
68.	<i>Meliola cinnamomi</i> Hosag. & Abraham
69.	<i>Meliola cycleae</i> Hosag.
70.	<i>Meliola desmodii-pulchelli</i> Hosag., Abraham & C.K. Biju
71.	<i>Meliola desmodii-triquetri</i> Hosag. & Manoj.
72.	<i>Meliola dimocarpi</i> Hosag. & Abraham
73.	<i>Meliola ebeni</i> Hosag. & Archana
74.	<i>Meliola erythropali</i> Hosag.
75.	<i>Meliola flemingiicola</i> Hosag., Jose & H. Biju
76.	<i>Meliola frutescentis</i> Hosag., Abraham & Crane
77.	<i>Meliola gamsii</i> Hosag. & Shiburaj
78.	<i>Meliola gliricidiicola</i> Hosag. & Agarwal
79.	<i>Meliola gooseana</i> Hosag. & Abraham
80.	<i>Meliola hemidesmicola</i> Hosag
81.	<i>Meliola integripoda</i> Hosag., Abraham & Crane
82.	<i>Meliola loranthacearum</i> Hosag. & Abraham
83.	<i>Meliola mitragynae-tubulosae</i> Hosag. & Manoj.
84.	<i>Meliola oleacearum</i> Hosag.

85.	<i>Meliola pandanacearum</i> Hosag. & Abraham
86.	<i>Meliola pepparaensis</i> Hosag. & Abraham
87.	<i>Meliola peringamalaensis</i> Hosag. & Kamar.
88.	<i>Meliola pongamiae</i> Hosag. & Abraham
89.	<i>Meliola prataprajii</i> Hosag. & Abraham
90.	<i>Meliola pseudarthriae</i> Hosag. & Manoj.
91.	<i>Meliola pudukadensis</i> Hosag.
92.	<i>Meliola samaderae</i> Hosag., Ponnuswamy & C.K. Biju
93.	<i>Meliola scleropyricola</i> Hosag. & Sabeena
94.	<i>Meliola semecarpi-anacardii</i> Hosag., Kaveriappa, Raghu & Goos
95.	<i>Meliola shivarajui</i> Hosag. & Kamar.
96.	<i>Meliola spatholobii</i> Hosag., H. Biju & Manoj.
97.	<i>Meliola strychnacearum</i> Hosag. & Abraham
98.	<i>Meliola subramanyaensis</i> Hosag.
99.	<i>Meliola surattensis</i> Hosag., Abraham & Crane
100.	<i>Meliola toreniae</i> Hosag.
101.	<i>Meliola tylophorae-indicae</i> Hosag. & Manoj.
102.	<i>Meliola vallaridis</i> Hosag., Sabeena, Archana & Jacob
103.	<i>Meliolaster aporusae</i> Hosag.
104.	<i>Oidium seaforthiani</i> Hosag.
105.	<i>Ophiodothella lagerstromiae</i> Hosag. & Nair
106.	<i>Periconiella perseae-macranthae</i> Hosag. & Braun
107.	<i>Phyllachora thiruvananthapurica</i> Hosag. & Abraham
108.	<i>Phyllachora keralica</i> Hosag., Abraham & C.K. Biju
109.	<i>Prillieuxina diospyri</i> Hosag. & Chandra.
110.	<i>Prillieuxina ixorigena</i> Hosag. & Chandra.
111.	<i>Prillieuxina polyalthiae</i> Hosag. & Abraham
112.	<i>Questieriella strychni</i> Hosag.
113.	<i>Sarcinella cipadessae</i> Hosag. & Jacob Thomas
114.	<i>Sarcinella limoniae</i> Hosag., Sabeena & Riju
115.	<i>Sarcinella quesqualidis</i> Hosag. & Jacob Thomas
116.	<i>Schiffnerula actinodaphnes</i> Hosag., Archana, Harish, Riju & Agarwal
117.	<i>Schiffnerula azadirachtae</i> Hosag. & Sabeena
118.	<i>Schiffnerula braunii</i> Hosag. & Sabeena

119.	<i>Schiffnerula canthii</i> Hosag. & Archana
120.	<i>Schiffnerula catharanthi</i> Hosag. & Archana
121.	<i>Schiffnerula ecliptae</i> Hosag., Sabeena & Riju
122.	<i>Schiffnerula girijae</i> Hosag. & Archana
123.	<i>Schiffnerula hughesii</i> Hosag.
124.	<i>Schiffnerula palodensis</i> Hosag. & Riju
125.	<i>Schiffnerula terminaliae</i> Hosag. & Riju
126.	<i>Schiffnerula wedeliae</i> Hosag., Sabeena & Riju
127.	<i>Symphaster mimusopsidis</i> Hosag. & Sabeena
New varieties	
1.	<i>Appendiculella calophylli</i> (Stev.) Toro var. <i>apetali</i> Hosag., Kaveriappa, Raghu & Goos
2.	<i>Irenopsis sidae</i> (Rehm) Hughes var. <i>indica</i> Hosag. & Manoj.
3.	<i>Irenopsis triumfettae</i> (Stev.) Hansf. & Deight. var. <i>indica</i> Hosag. & Abraham
4.	<i>Meliola aethiops</i> Sacc. var. <i>keralica</i> Hosag.
5.	<i>Meliola bauhiniicola</i> Yamam. var. <i>brevipoda</i> Hosag. & Sabeena
6.	<i>Meliola cadigensis</i> Yates var. <i>glycosmidis</i> (Kapoor) Hosag.
7.	<i>Meliola caesalpiniae</i> Hansf. & Deight. var. <i>indica</i> Hosag. & H. Biju
8.	<i>Meliola careyae</i> (Stev.) Hosag. var. <i>indica</i> Hosag.
9.	<i>Meliola filicii</i> Hosag. var. <i>indica</i> Hosag. & Archana
10.	<i>Meliola groteana</i> Sydow var. <i>maesae</i> Hosag., C.K. Biju & Abraham
11.	<i>Meliola ixorae</i> Yates var. <i>psychotriae</i> Hosag. & Abraham
12.	<i>Meliola memecylica</i> Hansf. var. <i>longiseta</i> Hosag.
13.	<i>Meliola otophorae</i> Yates var. <i>indica</i> . Hosag. & Ravikumar
14.	<i>Meliola panici</i> Earle var. <i>vetiveriicola</i> Gawande, Agarwal & Hosag.
15.	<i>Meliola tabernaemontanae</i> Speg. var. <i>wrightiae</i> Hosag., Agarwal, H. Biju & Archana
16.	<i>Meliola tenella</i> Pat. var. <i>atalantiicola</i> Hosag.
New record to India	
1.	<i>Acremoniula sarcinellae</i> (Pat. & Har.) Arn. ex Deight.
2.	<i>Asteridiella callista</i> (Rehm.) Hansf.
3.	<i>Asteridiella formosensis</i> Yamam.
4.	<i>Asterina aporusae</i> Hansf.
5.	<i>Asterina dallasica</i> Petrak

6.	<i>Asterina deightonii</i> Sydow
7.	<i>Asterina diplocarpa</i> Cooke
8.	<i>Asterina hibisci</i> (Doidge) Hosag.
9.	<i>Asterina piperina</i> Sydow
10.	<i>Asterina pusilla</i> Sydow & Sydow
11.	<i>Asterina triumfeticola</i> Yamam
12.	<i>Asterina wrightiae</i> Sydow in Sydow & Petrak
13.	<i>Balladynocallia glabra</i> (Hansf.) Bat.
14.	<i>Clasterosporium flagellatum</i> (Sydow) Ellis
15.	<i>Hansfordiellopsis lichenicola</i> (Bat. & H. Maia) Deighton
16.	<i>Heteroconium solanium</i> (Sacc. & Sydow) Ellis
17.	<i>Spiropes capensis</i> M.B. Ellis
18.	<i>Viegasia cissampeli</i> (Hansf.) Bat.
Rare fungi	
1.	<i>Asterolibertia mangiferae</i> Hansf. & Thirum
2.	<i>Asterina perpusilla</i> Sydow
3.	<i>Asterina pusilla</i> Sydow & Sydow