

## Susceptible Hosts of Foliicolous Fungi from North Western Tarai Forests of (Uttar Pradesh) India

T. P. Mall\*, Ajay Kumar\*\*

Postgraduate Department of Botany, Kisan P. G. College, Bahraich – 271 801 (U. P.)

---

### Abstract

The present report elucidates a rich and unique profile of mycobial as well as phytodiversity of research area surveyed with two hundred seven angiospermic host plant species representing one hundred fifty five genera of sixty three different families being parasitized by two hundred forty three fungi representing sixty three genera. The survey and documentation has resulted more than twenty four new host records and twenty nine new fungal species to Indian mycoflora.

**Keywords:** Foliicolous Fungi; Susceptible Hosts Status; North Tarai Forest; U.P.

---

### Introduction

The leaves provide a very suitable habitat for the growth & development of fungal pathogen by providing ample surface area and nutrient supply. Such leaf inhabiting fungi are known as Foliicolous fungi and the invaded area of the leaf appears as leaf spot or leaf lesion. The weed and forest plants serve as reservoir of leaf spot pathogen which on getting opportunity may spread to agricultural and horticultural plants.

World constitute twenty mega diversity countries in which warm tropical region between the tropic of cancer and tropic of capricorn on either side of the equator (between 23½°N and 23½°S around the globe) have since long provided the most suitable habitat for living organisms with a rich and diverse plant, animal and microbial life forms constituting twelve mega diversity countries. The twelve mega diversity countries constitute about 65% of the total biodiversity.

India is one of the twelve megadiverse countries of the world has two of the world's eighteen biodiversity hot spots located in the Western Ghat and in the

Eastern Himalayas. In the north Tarai Forests the Himalayas rise as a virtual wall beyond the snow line. Above the alluvial plain, lie the Tarai strips, a seasonally marshy zone of sand and clay soils. The Tarai has higher rainfall than the plains and the downward-rushing rivers of the Himalayas slow down and spread out in the flatter tarai zone depositing fertile silt and reproductive means during the monsoon season and receding in the dry season. The Tarai, as a result has high water level and is characterized by moist sub tropical conditions and a luxuriant turn-over of green vegetation all the year around. The climatological and topographical conditions favour the luxuriant growth and development of foliar fungi.

This North-Tarai region of U.P. is next only to Eastern and Western Ghat as one of the hottest spots for biodiversity in general and the diversity of fungal organism inhabiting plant leaves in particular offers an ideal opportunity for the morphotaxonomic exploration of fungal organism in general and foliicolous fungi in particular (T.P. Mall, 2012). The Foliicolous Fungi causes huge losses every year in different parts of world. The fungal pathogens producing leaf spots infect a large variety of hosts including most of the crops, forests and other plants. The destruction caused by these enemies of leaves is a serious problem before us. The focus of this research is identification and documentation of foliicolous fungi

---

**Corresponding Author:** T. P. Mall, 119, Sufipura, Huzoorpur Road, Bahraich 271 801 (U.P.).  
E-mail: [drtpmall@rediffmail.com](mailto:drtpmall@rediffmail.com)

which will assist in the discovery of new fungicides and ideas to overcome from the severity of these enemies of nature as well as in the protection of floral diversity from the infection of these pathogens and also in the conservation of valuable flora of the area. Keeping this in view the authors surveyed the North Western Tarai forests of U.P. which include East and West Sohelwa, Shrawasti, Bahraich forest division, Katarniaghat Wildlife Sanctuary, Dudhwa tiger Reserve, Kishanpur Wildlife Sanctuary and Pilibhit Forest Division during July, 2006 to September, 2015.

### Materials and Methods

During collection, infected leaf samples were taken in separate polythene bags. Suitable mounts of surface scrapping and hand cut sections were prepared from infected portions of the leaf samples. Slides prepared in cotton blue lactophenol mixture were examined and camera lucida drawing were made which seems to be new as described by Verma *et al.*, 2008 and Mall, 2011. Morphotaxonomic determinations of taxa were

done with the help of current literature and resident expertise available. All the fungal taxon were identified after making microscopic preparations and later confirmed by Prof. Kamal, Emeritus Scientist (DST), DDU Gorakhpur University, Gorakhpur. The fungal Holotype specimen has been deposited in HCIO, IARI, New Delhi. References given in the text has also been provided with their wave links which are available.

### Result and Discussion

The authors surveyed periodically the much diversified habitat of North Western Tarai Region of Uttar Pradesh during July, 2006 to September, 2015 so as to collect and document follicolous fungi. The author collected two hundred seven angiospermic host plant species representing one hundred fifty five genera belonging to sixty three different families being parasitized by two hundred forty three fungal species representing sixty three fungal genera. The host plants and their parasites are enumerated below:

**Table 1:** List of Hosts with their respective Follicolous Fungi

S.No.	Name of the family & Host	Name of the fungus	**
1.	<b>Acanthaceae</b> <i>Justicia</i> sp. Linn.	<i>Cercospora justicicola</i> Tai.	31
2.	<b>Alismaceae</b> <i>Sagittaria sagittifolia</i> Linn.	<i>Alternaria bahraichensis</i> sp. nov.	20
3.	<b>Amaranthaceae</b> <i>Achyranthes aspera</i> Linn.	<i>Alternaria</i> sp. Nees.	01
		<i>Cercospora achiyranthina</i> Thrim. & Chupp.	20
		<i>Cercospora achiyranthina</i> Thrim. & Chupp.	21
		<i>Stenella</i> sp. Syd.	36
	<i>Alternanthera</i> sp. Forsk.	<i>Pseudocercospora alternantherae</i> Yen. Kar. & Das	11
		<i>Stenella</i> sp. Syd.	23
4.	<b>Aerva</b> sp. Linn. <b>Anacardiaceae</b> <i>Mangifera indica</i> Linn.	<i>Ascochyta mangiferae</i> Batista	17
		<i>Meliolarhois</i> P. Henn.	20
		<i>Meliolarhois</i> P. Henn.	17
		<i>Periconia</i> sp. Tode	01
		<b>Sooty mold</b>	17
5.	<b>Annonaceae</b> <i>Annona squamosa</i> Linn. <i>Miliusa tomentosa</i> H. & F.	<i>Asteromella</i> sp. Coelo.	19
		<i>Cercospora</i> sp. Fres.	27
		<i>Pseudocercospora miliusae</i> Mehrotra & Verma	11
6.	<b>Apocynaceae</b> <i>Ichnocarpus frutescens</i> (Linn.) R.Br.	<i>Alternaria ichnocarpicola</i> sp. nov.	11
		<i>Alternaria ichnocarpicola</i> Singh & Mall	12
		<i>Alternaria</i> sp. Nees.	19
		<i>Alternaria</i> sp. Nees.	11
		<i>Cercospora</i> sp. Fres.	19
		<i>Corynespora ichnocarpii</i> sp. nov.	20
		<i>Corynespora ichnocarpii</i> Singh & Mall	11
		<i>Meliola frutiscentis</i> Hosagoudar et al.	19
		<i>Pseudocercospora apocynacearum</i> Gupta & Kamal	21
		<i>Corynespora carissae</i> sp. nov.	

	<b>Carissa carandus</b> Linn.	<b>Corynespora carissae</b> Singh & Mall	20
		<b>Pseudocercospora carissae</b> Singh & Mall	19
		<b>Sirosporium</b> sp. Bubak & Scrab.	11
		<b>Sirosporium</b> sp. Bubak & Scrab.	21
		<b>Sirosporium</b> sp. Bubak & Scrab.	11
		<b>Sirosporium</b> sp. Bubak & Scrab.	27
	<b>Carissa congesta</b> Weight.	<b>Discosia hiptages</b> Tilak.	20
	<b>Holarrhena antidysentrica</b> Wall.	<b>Glomerella cingulata</b> (Stonem) Spauld & Shrenk	19
		<b>Periconia byssoides</b> Pers. ex. Mandel	02
		<b>Stenella</b> sp. Syd.	01
	<b>Alstonia scholaris</b> R. Br.		26
7.	<b>Araceae</b>		
	<b>Colocasia esculenta</b> Linn.	<b>Colleotricum dematium</b> (Pers. ex. Fr.) Grove	17
		<b>Drechslera colocaceae</b> Tandan & Bhargava	19
8.	<b>Asclepiadaceae</b>		
	<b>Calotropis procera</b> R. Br.	<b>Alternaria aterata</b> (Fr.) Keissler.	20
		<b>Alternaria aterata</b> (Fr.) Keissler.	21
		<b>Passalora</b> sp. Fr. et. Mont.	22
		<b>Passalora</b> sp. Fr. et. Mont.	21
	<b>Calotropis gigantea</b> R. Br.	<b>Alternaria aterata</b> (Fr.) Keissler.	17
9.	<b>Asparagaceae</b>		
	<b>Dracaena marginiata</b> Linn.	<b>Alternaria</b> sp. Nees.	17
		<b>Asterina</b> sp. Lev.	18
10.	<b>Asteraceae</b>	<b>Stenella</b> sp. Syd.	17
	<b>Canthemus tinctorius</b> Linn.	<b>Alternaria carthami</b> Chawdhury et al.	19
	<b>Eupatorium cannabinum</b> Linn.	<b>Alternaria tejensis</b> sp. nov.	20
		<b>Alternaria</b> sp. Nees.	01
		<b>Corynespora</b> sp. Gissow.	11
		<b>Leptoxyphium</b> sp. Speg.	01
		<b>Passalora</b> sp. Fr. et. Mont.	22
		<b>Passalora</b> sp. Fr. et. Mont.	01
	<b>Parthenium hysterophorus</b> Linn.	<b>Alternaria zinniae</b> Ellis Pape.	01
	<b>Ageratum conyzoides</b> Linn.	<b>Alternaria</b> sp. Nees.	20
		<b>Alternaria</b> sp. Nees.	09
	<b>Sphaeranthus indicus</b> Linn.	<b>Cercospora sphaeranthi</b> Patil	21
		<b>Cercospora neo-sphaeranthia</b> Bhartiya Kumari & Singh	20
		<b>Cercospora xanthicola</b> Heald. & Worf.	20
	<b>Xanthium strumarium</b> Linn.	<b>Pseudocercospora</b> sp. Speg.	17
		<b>Corynespora elephantopii</b> sp. nov.	19
	<b>Elephantopus scaben</b> Linn.	<b>Oidium spilanthesidis</b> Link. ex. Fr.	23
	<b>Spilanthes echmella</b> Hook f.	<b>Pseudocercospora</b> sp. Speg.	36
	<b>Chrysanthamum roseum</b> Linn.	<b>Puccinia pulvinata</b> Rabenn.	11
	<b>Echinopus</b> sp. Linn.	<b>Stenella</b> sp. Syd.	01
	<b>Tridax</b> sp. Linn.		36
11.	<b>Basellaceae</b>		
	<b>Basella alba</b> Linn.	<b>Macrophomina phaseolina</b> (Tass) Goia	02
		<b>Selerotium relfsii</b> Sacc.	01
12.	<b>Baringtonaceae</b>		
	<b>Barringtonia acutangula</b> Gaertn.	<b>Phomopsis barringtoniae</b> Kamal & Singh	11
		<b>Phomopsis barringtoniae</b> Kamal & Singh	19
13.	<b>Bignoniaceae</b>		
	<b>Haplophragma adenophyllum</b> (Wall) P. Dop.	<b>Leptoxyphium</b> sp. Speg.	11
		<b>Mycovellosiella haplophragmatis</b> Kamal & Singh	21
		<b>Oidium</b> sp. Link. ex. Fr.	
		<b>Passalora</b> sp. Fr. et. Mont.	17
		<b>Passalora</b> sp. Fr. et. Mont.	23
		<b>Passalora</b> sp. Fr. et. Mont.	32
		<b>Phoma</b> sp. Desm.	18
		<b>Pseudocercospora</b> sp. Speg.	27
	<b>Heterophragma</b> sp. Linn.		01
14.	<b>Boraginaceae</b>		
	<b>Cordea mixa</b> H.S.K.	<b>Alternaria tenuis</b> Nees.	10

	<b>Heleotropium indicum</b> Linn.	<b>Leptoxyphium</b> sp. Speg.	11
		<b>Meliola eugeniae jamboloidis</b> Hansf.	09
		<b>Oidium</b> sp. Link. ex. Fr.	11
	<b>Cordia dichotoma</b> Forst.	<b>Phaeoramulariacordiae</b> Kumar & Kamal	10
	<b>Cordia creanata</b> Delile Fl.	<b>Stenella myxa</b> J. E. Gray	36
15.	<b>Brassicaceae</b>		
	<b>Raphnus sativus</b> Linn.	<b>Alternaria raphani</b> Groves. & Skolko	23
	<b>Lunaria annum</b> Linn.	<b>Alternaria</b> sp. Nees.	17
	<b>Brassica compestris</b> Linn.	<b>Curvularia lunata</b> (Walker) Bold.	24
	<b>Brassica oleracea</b> var. <b>capitata</b> Linn.	<b>Rhizoctonia solani</b> Kiihn.	19
	<b>Brassica oleracea</b> Linn	<b>Sclerotinia sclertiarum</b> (Linn.) Bac.	22
16.	<b>Burseraceae</b>		
	<b>Commiphoramacrophylla</b> Jacq.	<b>Asterina</b> sp. Lev.	20
		<b>Phoma</b> sp. Desm.	27
		<b>Pseudocercospora</b> sp. Speg.	32
		<b>Pseudocercospora</b> sp. Speg.	01
17.	<b>Caesalpiaceae</b>		
	<b>Cassia tora</b> Linn.	<b>Pseudocercospora cassiae</b> Singh & Bhalla	11
	<b>Cassia fistula</b> Linn.	<b>Stenella cassicola</b> Kamal et. al.	11
18.	<b>Capparidaceae</b>		
	<b>Capparis horrida</b> Linn.	<b>Asterina</b> sp. Lev.	02
19.	<b>Cannabinaceae</b>		
	<b>Cannabis sativa</b> Linn.	<b>Phomopsis cannabina</b> Curzi	17
		<b>Pseudocercospora cannabina</b> (Wakef.)	36
20.	<b>Caricaceae</b>		
	<b>Carica papaya</b> Linn.	<b>Corynespora</b> sp. Gissow.	23
21.	<b>Celastraceae</b>		
	<b>Celastrus peniculatus</b> Willd.	<b>Corynespora celostricta</b> sp. nov.	20
		<b>Stenella celastrae</b> Rai & Kamal	11
		<b>Stenella hippocratiae</b> Srivastava et. al.	33
22.	<b>Hippocrate</b> sp. Linn.		
	<b>Chenopodiaceae</b>		
	<b>Spinacia oleracia</b> Linn.	<b>Alternaria aterata</b> (Fr.) Keissler.	21
		<b>Rhizoctonia solani</b> Kiihn.	19
	<b>Chenopodium album</b> Linn.	<b>Pernosporaparasitica</b> (Pers.)	22
23.	<b>Combretaceae</b>		
	<b>Terminalia arjuna</b> W. & A.	<b>Cercospora</b> sp. Fres.	31
	<b>Terminalia tomentosa</b> W & A.	<b>Corynesporatomenticola</b> sp. nov	20
24.	<b>Convolvulaceae</b>		
	<b>Ipomoea fistulosa</b> Linn.	<b>Cercospora ipomoeae</b> Wint.	20
		<b>Cladosporium</b> sp. Link.	22
		<b>Periconia</b> sp. Tode	22
		<b>Stenella</b> sp. Syd.	11
25.	<b>Cornaceae</b>		
	<b>Alangium salvifolium</b> (Linn.f.) Wang.	<b>Phyllostictaalangii</b> Hasija.	24
26.	<b>Cucurbitaceae</b>		
	<b>Luffa acutangula</b> (L.) Roxb.	<b>Alternaria aterata</b> (Fr.) Keissler.	01
	<b>Cucurbita maxima</b> Linn.	<b>Cercospora citrullina</b> Cook.	21
		<b>Leveillulataurica</b> (Lev.) Arnaud	21
	<b>Momordica charantia</b> Roxb.	<b>Cercospora momordica</b> Mc. Rai.	11
	<b>Lagenariasiceraria</b> (Mol.) Standl.	<b>Cladosporium cucumerinum</b> Ellis & Arth	21
		<b>Curvularia verruculosa</b> Ellis.	24
	<b>Lagenaria vulgaris</b> Ser.	<b>Glomerella cingulata</b> (Stonem) Spauld & Shrenk.	19
		<b>Oidium</b> sp. Link. ex. Fr.	
	<b>Coccinia indica</b> W. & A.	<b>Oidium</b> sp. Link. ex. Fr.	01
		<b>Pseudocercospora lagerstroemiiyenna</b> Gon. & Hsien.	22
	<b>Trichoxanthes dioica</b> Roxb.		33
27.	<b>Cycadaceae</b>		
	<b>Cycas circinalis</b> Linn.	<b>Alternaria</b> sp. Nees.	17
		<b>Drechslera monoceros</b> Subram . Jain.	17
		<b>Sphaeropsis cycadis</b> Mundkar & Ahmad	17
		<b>Stenella</b> sp. Syd.	17
28.	<b>Cyperaceae</b>		

29.	<b>Typha</b> sp. Linn. <b>Dipterocarpaceae</b> <b>Shorea robusta</b> Gorten. f.	<b>Meliola</b> sp. Fr.	22
		<b>Ceratophorum helicosporum</b> Sacc.	31
		<b>Ceratophorum helicosporum</b> Sacc.	10
		<b>Mycovellosiella</b> sp. Rangel.	31
		<b>Pseudocercospora shoreae</b> (Thirum&Kot suki) Deighton	10
		<b>Pseudocercospora shoreae</b> (Thirum&Kot suki) Deighton	17
30.	<b>Ebenaceae</b> <b>Diospyros tomentosa</b> Roxb.	<b>Aecidium rhyismoideum</b> Berk. & Br.	11
		<b>Cercospora kaki</b> Ell. & Ev.	11
		<b>Diatrypella quercina</b> (Ces. & De Not.) Sac.	02
		<b>Trichotheciumroseum</b> Link.	02
	<b>Diospyros abrms</b> Yurk. <b>Diospyros melanoxylon</b> Roxb.	<b>Leptoxyphium</b> sp. Speg.	11
		<b>Pseudocercospora kelleri</b> (Earle) Deight	09
		<b>Sarcinella gorakhpurensis</b> Kamal & Singh	10
31.	<b>Euphorbiaceae</b> <b>Codiaeum variegatum</b> Bl. & Hort . Spiral leaf Croton. <b>Codiaeum variegatum</b> Bl. & Hort . Small leaf Croton. <b>Codiaeum variegatum</b> Bl. & Hort . Narrow leaf Croton.  <b>Mallotus philippensis</b> Muell. Arg.	<b>Alternaria aterata</b> (Fr.) Keissler.	18
		<b>Alternaria aterata</b> (Fr.) Keissler.	17
		<b>Alternaria aterata</b> (Fr.) Keissler.	21
		<b>Alternaria kamalella</b> sp. nov.	24
		<b>Alternaria kamalella</b> Singh and Mall	25
		<b>Corynespora</b> sp. Gissow.	19
		<b>Glomerella cingulata</b> (Stonem) Spauld & Shrenk.	20
		<b>Mycovellosiella malloti</b> Bhalla et. al.	
		<b>Mycovellosiella malloti</b> Bhalla et. al.	09
		<b>Pestalotiopsis palmarum</b> (Cke.) Stry.	12
		<b>Phoma malloti</b> Desm.	10
		<b>Phoma malloti</b> Desm.	24
		<b>Zygisporium</b> sp. Mont.	25
		<b>Zygisporium</b> sp. Mont.	11
		<b>Alternaria tenuissima</b> (Kunz ex. Pers.) Wittshire	26
		<b>Phyllactinia sub-spiralis</b> Lev.	11
	<b>Euphorbia pulcherrima</b> Wild ex. Klotz.	<b>Cercospora putranjivae</b> Khan.	
		<b>Cladosporium</b> sp. Link.	02
	<b>Putranjivaroxyburghii</b> Wall.	<b>Corynespora bahraichiana</b> sp. nov.	20
		<b>Corynespora bahraichiana</b> Singh & Mall	20
	<b>Croton roxyburghii</b> Bat.	<b>Phoma</b> sp. Desm.	01
		<b>Pseudocercospora</b> sp. Speg.	17
	<b>Jatropha baladona</b> Linn. <b>Euphorbia hirta</b> Linn. <b>Bridillia stipularis</b> Blum.	<b>Stenella brideliicola</b> Srivastava et. al.	26
			17
			31
32.	<b>Fabaceae</b> <b>Bauhinia vahlii</b> W. & A. Prod.	<b>Alternaria bauhinia</b> sp.nov.	19
		<b>Alternaria bauhinia</b> Singh and Mall	20
		<b>Corynespora</b> sp. Gissow.	212
		<b>Corynespora</b> sp. Gissow.	2
		<b>Corynespora</b> sp. Gissow.	30
	<b>Dalbergia sissoo</b> Roxb.	<b>Alternaria delbergicola</b> Nees.	36
		<b>Phoma nivea</b> (Syd.) Majumdar et al.	36
		<b>Phyllactinea</b> sp. Lev.	36
	<b>Cassia fistula</b> Linn. <b>Dolichos lablab</b> Linn. Lynos.	<b>Alternaria tenuis</b> Nees.	17
		<b>Cercospora dolchi</b> . Ellis & Ev.	11
		<b>Cercospora dolchi</b> . Ellis & Ev.	17
		<b>Phoma herbarum</b> West.	17
		<b>Phoma herbarum</b> West.	24
		<b>Pseudocercospora dolichi</b> Ell & Ev.	20
		<b>Pseudocercospora dolichi</b> Ell & Ev.	23
	<b>Medicago sativa</b> Linn. <b>Flemingia bracheata</b> Roxb.	<b>Cercospora</b> sp. Fres.	11
		<b>Cercospora</b> sp. Fres.	20

	<b>Albizia lebbek</b> Benth.	<b>Carynespora albizicola</b> Sharma et al.	20
	<b>Pongamia pinnata</b> Vent.	<b>Carynespora pongamcola</b> sp. nov.	19
		<b>Fusicladium pongamiae</b> Syd.	02
	<b>Acacia bipar</b> Linn.	<b>Carynespora</b> sp. Gissow.	02
	<b>Inga edulcis</b> (Roxb.) Kurtz.	<b>Diatrype disciformis</b> Kar & Maity	02
		<b>Haplosporella baumontina</b> Ahmad.	02
	<b>Butea frondosa</b> Koen. ex. Roxb.	<b>Leptoxyphium buteae</b> Speg.	01
		<b>Leptoxyphium buteae</b> Speg.	17
		<b>Stenella buteae</b> Mishra et al.	21
	<b>Bauhinia varigata</b> Linn.	<b>Macrophomina phaseolina</b> (Tass) Goia	21
	<b>Desmodium pulchellum</b> Benth ex.	<b>Mycovellosiella</b> sp. Rangel.	22
	<b>Desmodium trifolium</b> DC.	<b>Oidium</b> sp. Link. ex. Fr.	17
	<b>Bauhinia racemosa</b> Lamk.	<b>Pestotia lambertiae</b> Petr.	02
	<b>Bauhinia purpurea</b> Linn.	<b>Phoma</b> sp. Desm.	19
		<b>Phoma</b> sp. Desm.	27
		<b>Phomopsis bauhiniae</b> Bansa Alealdi	28
		<b>Phomopsis bauhiniae</b> Bansa Alealdi	20
	<b>Acacia concinna</b> Wall.	<b>Pseudocercospora acacia</b> Kamal & Singh	01
	<b>Cassia occidentalis</b> Linn.	<b>Pseudocercospora nigricans</b> Cooke.	17
		<b>Pseudocercospora nigricans</b> Cooke.	01
		<b>Septori</b> sp. Sacc.	17
		<b>Pseudocercospora</b> sp. Speg.	20
	<b>Millettia</b> sp. W. & A. Fl. Brit.	<b>Stenella melletiae</b> Chaudhary et. al.	26
	<b>Mellettia ovalia</b> W. & A. Fl.		
33.	<b>Flacoutiaceae</b>		
	<b>Flacourtia indica</b> Merrill	<b>Meliola flac ourticola</b> sp. nov.	37
34.	<b>Lamiaceae</b>		
	<b>Ocimum sanctum</b> Linn.	<b>Alternaria</b> sp. Nees.	19
		<b>Cercospora ocimicola</b> Petrak & Ciaferri	17
		<b>Cercospora ocimicola</b> Petrak & Ciaferri	11
	<b>Nepta hindostana</b> (Roth.) Hains.	<b>Cercospora neptae</b> Trehan	19
	<b>Ocimum basillicum</b> Benth.	<b>Meliola</b> sp. Fr.	02
35.	<b>Lauraceae</b>		
	<b>Litsea chinensis</b> Lamk.	<b>Alternaria longipes</b> (Ellis. & Ev.) Mason	11
		<b>Alternaria longipes</b> (Ellis. & Ev.) Mason	20
		<b>Asteromella</b> sp. Coelo.	02
		<b>Asteromella</b> sp. Coelo.	10
		<b>Fuligomyces indica</b> Khan & Kamal	11
		<b>Fuligomyces indica</b> Khan & Kamal	31
		<b>Mycovellosiella litseae</b> Munjal & Kulshreshtha	21
		<b>Phomopsis litseae</b> Kamal & Singh	17
		<b>Phomopsis litseae</b> Kamal & Singh	10
	<b>Litsea</b> sp. Lour.	<b>Carynespora</b> sp. Gissow.	27
		<b>Phoma</b> sp. Desm.	33
	<b>Litsea polyanthus</b> Juss.	<b>Diatrype citricola</b> Ellis & Ev.	10
	<b>Litsea glutinosa</b> (Lour.) C.R. Robinson	<b>Mycovellosiella litseae</b> Munjal & Kulshreshtha	21
		<b>Pseudocercospora litseae</b> Singh & Kamal	22
		<b>Stenella litseae</b> sp. nov.	33
		<b>Phoma</b> sp. Desm.	27
36.	<b>Litsea albernaria</b> Lour.		
	<b>Lecythydaceae</b>	<b>Acrodictys</b> sp. Ellis.	11
	<b>Barringtonia acutangula</b> Gaertn.	<b>Pestalotiopsis</b> sp. Steyaert.	26
		<b>Zygosporium echnosporum</b> Mont.	02
	<b>Careya arborea</b> Roxb.		
37.	<b>Lytheraceae</b>		
	<b>Lagerstroemia parviflora</b> Roxb.	<b>Alternaria aternata</b> (Fr.) Keissler.	33
		<b>Cercospora lythracearum</b> Heald & Wolf.	11
38.	<b>Malvaceae</b>		
	<b>Hibiscus mutabilis</b> Linn.	<b>Alternaria dianthi</b> Stev. & Hall.	01
	<b>Hibiscus rosa-sinensis</b> Linn.	<b>Alternaria longipes</b> (Ellis. & Ev.) Mason	01
		<b>Microxphium fagi</b> (Pers.) Hughs.	20
	<b>Abutilon indicum</b> Sweet. Hort.	<b>Cercospora</b> sp. Fres.	33
		<b>Phomopsis abutilonis</b> M C. Rai.	11
		<b>Phomopsis abutilonis</b> M C. Rai.	17
	<b>Sida rhombifolia</b> Linn.	<b>Oidium</b> sp. Link. ex. Fr.	11

39.	<b>Meliaceae</b>		
	<b>Toona ciliata</b> Roem.	<b>Acremonium</b> sp. Link.	11
		<b>Alternaria aternata</b> (Fr.) Keissler.	23
		<b>Stenella</b> sp. Syd.	27
	<b>Azadirachta indica</b> A Juss.	<b>Oidium azadirachtae</b> Narayan & Ramakr.	17
		<b>Septori</b> sp. Sacc.	17
40.	<b>Menispermaceae</b>		
	<b>Tinospora malaverica</b> Miers.	<b>Acrodictys</b> sp. Ellis.	01
		<b>Acrodictys</b> sp. Ellis.	19
	<b>Tiliocora acuminata</b> (Lam) Miers.	<b>Acremonium moniformae</b> Fr.	11
		<b>Phoma</b> sp. Desm.	10
		<b>Phoma</b> sp. Desm.	33
		<b>Phoma</b> sp. Desm.	35
		<b>Stenella</b> sp. Syd.	11
	<b>Teliocorpa</b> sp. (Hook f.)	<b>Acremonium zonatum</b> Gams.	11
	<b>Tinospora cordifolia</b> Willd.	<b>Colleotrichum capsici</b> Butter & Bisby	21
	<b>Tinospora</b> sp. Linn.	<b>Pseudocercospora cocculi</b> (Syd.) Deight	19
	<b>Menispermum canadense</b> Linn.	<b>Sirosporium</b> sp. Bubak & Scrab.	11
41.	<b>Mimosaceae</b>		
	<b>Albizzia procera</b> Linn. Benth.	<b>Cercospora albizicola</b> Fres.	37
	<b>Indopiptandenia oudhensis</b> (Brandis) Brenum	<b>Cercospora oudhensis</b> Mall	11
	<b>Albizzia lebbeck</b> Linn. Benth.	<b>Phomopsis mendex</b> (Sacc.) Trab.	17
		<b>Ramularia</b> sp. Sacc.	20
		<b>Pseudocercospora</b> sp. Speg.	37
	<b>Albizzia</b> sp. Linn. Benth.		
42.	<b>Moraceae</b>		
	<b>Ficus carica</b> Linn.	<b>Alternaria aternata</b> (Fr.) Keissler.	01
		<b>Cladosporium fici-carica</b> sp. nov.	31
	<b>Ficus glomerata</b> Linn.	<b>Alternaria aternata</b> (Fr.) Keissler.	20
		<b>Uredo fici</b> Cast.	22
	<b>Artocarpus heterophyllus</b> Lamk.	<b>Alternaria tenuissima</b> (Kunz ex.Pers.)Wittshire	20
		<b>Cladosporium artocarpi</b> Kuthare & Singh	19
		<b>Pseudocercospora artocarpi</b> (HP. Seed) Deighton	02
42.	<b>Moraceae</b>		
	<b>Ficus carica</b> Linn.	<b>Rhizoctonia solani</b> Kiihn.	
		<b>Alternaria aternata</b> (Fr.) Keissler.	01
		<b>Cladosporium fici-carica</b> sp. nov.	31
	<b>Ficus glomerata</b> Linn.	<b>Alternaria aternata</b> (Fr.) Keissler.	20
		<b>Uredo fici</b> Cast.	22
	<b>Artocarpus heterophyllus</b> Lamk.	<b>Alternaria tenuissima</b> (Kunz ex.Pers.)Wittshire	20
		<b>Cladosporium artocarpi</b> Kuthare & Singh	19
		<b>Pseudocercospora artocarpi</b> (HP. Seed) Deighton	02
		<b>Rhizoctonia solani</b> Kiihn.	
		<b>Alternaria</b> sp. Nees.	17
	<b>Ficus rumphi</b> Blume Bijdr.	<b>Botrydiploidia theobromae</b> Pat.	11
		<b>Colleotrichum dematium</b> (Pers. ex. Fr.) Grove	19
		<b>Oidium</b> sp. Link. ex. Fr.	21
		<b>Phomopsis</b> sp. Sacc.	17
		<b>Phyllachora ficuum</b> Niessa Blume	10
		<b>Sooty mold</b>	10
		<b>Alternaria</b> sp. Nees.	23
	<b>Ficus scabrella</b> Roxb.	<b>Asterina</b> sp. Lev.	11
	<b>Streblus asper</b> Lour.	<b>Asterina</b> sp. Lev.	26
		<b>Asterina</b> sp. Lev.	19
		<b>Meliola</b> sp. Fr.	10
		<b>Meliola</b> sp. Fr.	01
		<b>Pseudocercospora strebli</b> Singh.	02
	<b>Ficus benghalensis</b> Linn.	<b>Cercospora fici</b> Heald & Worf.	02
	<b>Ficus religiosa</b> Linn.	<b>Cercospora fici-religiosa</b> Heold & Worf.	02
		<b>Fuligomyces</b> sp. Morgan Jones & Kamal	03
	<b>Ficus hispida</b> Linn.	<b>Mycovellosiella fici</b> Rai. & Kamal	02
	<b>Morus alba</b> Linn.	<b>Pseudocercospora mori</b> (Hard) Deighton	20
	<b>Ficus</b> sp. Linn.	<b>Stenella rajendrella</b> sp. nov.	36
			20
43.	<b>Musaceae</b>		
	<b>Musa paradisiaca</b> Linn.	<b>Alternaria</b> sp. Nees.	17
44.	<b>Myrtaceae</b>		
	<b>Syzygium</b> sp. Linn.	<b>Alternaria pemphididioides</b> Cooke	37
		<b>Alternaria</b> sp. Nees.	02
		<b>Meliola syzygium</b> sp. nov.	37
		<b>Oidium</b> sp. Link. ex. Fr.	01
		<b>Oidium</b> sp. Link. ex. Fr.	20
	<b>Syzygium euginia</b> Linn.	<b>Asterina euginiae</b> Yates.	09
	<b>Euginia</b> sp. Linn.	<b>Asterina euginiae</b> Yates.	21

	<b>Syzygium heyneanum</b> Wallex. Duthie.	<b>Asterina</b> sp. Lev.	37
	<b>Psidium guajava</b> Linn.	<b>Cladosporium tennussisma</b> Cke.	19
		<b>Mycovellosiella myrtacearum</b> Rai & Kamal	36
		<b>Mycovellosiella myrtacearum</b> Rai & Kamal	20
	<b>Eugenia jambolina</b> Linn.	<b>Rhizoctonia solani</b> Kiihn.	17
		<b>Meliola eugeniae jamboloidis</b> Hansf.	11
	<b>Syzygium cumini</b> Linn. Skeel.	<b>Penicillium expansum</b> Link. ex. SF Gray.	11
		<b>Meliola eugeniae jamboloidis</b> Hansf.	20
	<b>Eugenia myrtifolia</b> Linn.	<b>Penicillium expansum</b> Link. ex. SF Gray.	01
	<b>Eucalyptus lanceolatus</b> Hill. Malpea.	<b>Meliola</b> sp. Fr.	01
		<b>Stenella</b> sp. Syd.	22
		<b>Stenella</b> sp. Syd.	24
45.	<b>Nyctanthaceae</b>	<b>Stenella</b> sp. Syd.	01
	<b>Nyctanthes arbor-tristis</b> Linn.	<b>Stenella</b> sp. Syd.	23
		<b>Stenella</b> sp. Syd.	17
46.	<b>Nyctaginaceae</b>		
	<b>Boerhavia diffusa</b> Linn.	<b>Pseudocercospora</b> sp. Speg.	11
47.	<b>Papilionaceae</b>		
	<b>Pisum sativum</b> Linn.	<b>Helminthosporium</b> sp. Link.	21
	<b>Cajanus cajan</b> (Linn.) Millsp.	<b>Phoma cajani</b> Rangel Khune and Kapoor	17
48.	<b>Phyllanthaceae</b>		
	<b>Bridelia retusa</b> Spreng.	<b>Colleotrichum gleosporiodes</b> Penz.	02
		<b>Periconia byssoides</b> Pers. ex. Mandel	01
49.	<b>Poaceae</b>		
	<b>Arunda donax</b> Linn.	<b>Cladosporium</b> sp. Link	20
	<b>Saccharum munja</b> Linn.	<b>Helminthosporium</b> sp. Link	32
	<b>Calanus tenuis</b> Linn.	<b>Pestalotiopsis</b> sp. Steyaert.	20
	<b>Saccharum spontaneum</b> Linn.	<b>Ramularia</b> sp. Sacc.	11
		<b>Ramularia</b> sp. Sacc.	19
	<b>Pennisetum typhoides</b> (Linn) R.Br.	<b>Alternaria penniseti</b> Mall, Tripathi and Kumar sp. nov.	17
		<b>Drechslera rajendrella</b> Mall, Tripathi and Kumar sp. nov.	17
	<b>Sorghum vulgare</b> Pers.	<b>Cercospora bahraichensis</b> Tripathi, Kumar and Mall sp. nov.	17
		<b>Alternaria zeamaydis</b> Kumar, Mall and Tripathi sp. nov.	17
	<b>Zea mays</b> Linn.	<b>Drechslera indica</b> Kumar, Mall and Tripathi sp. nov.	17
50.	<b>Polygonaceae</b>	<b>Curvularia zeae</b> Kumar, Mall and Tripathi sp. nov.	17
	<b>Polygonum chinensis</b> Willd.	<b>Asterina</b> sp. Lev.	37
	<b>Polygonum</b> sp. Willd.	<b>Cercospora polygonii</b> Narayan et al.	37
		<b>Pseudocercospora polygona</b> Speg.	37
51.	<b>Rhamnaceae</b>		
	<b>Ziziphus</b> sp. Willd.	<b>Meliola ziziphi</b> Hosagouder et. al.	23
		<b>Meliola ziziphi</b> Hosagouder et. al.	19
	<b>Ventilago</b> sp. Linn.	<b>Pseudocercospora zizyphicola</b> (Yen)	32
	<b>Zizyphus xylopyrus</b> Willd.	<b>Pseudocercospora zizyphi</b> sp. nov.	23
		<b>Stenella</b> sp. Syd.	31
52.	<b>Rosaceae</b>	<b>Tandonella</b> sp. Prasad & Verma	23
	<b>Rosa indica</b> Linn.	<b>Acremonium</b> sp. Link.	01
	<b>Prunus persica</b> Stocks.	<b>Coelomyces</b> sp.	22
	<b>Eriobotrya japonica</b> Linn.	<b>Stenella</b> sp. Syd.	33
53.	<b>Rubiaceae</b>		
	<b>Adina cardifolia</b> Hook. f.	<b>Cercospora adinae</b> Srivastava et. al.	01
		<b>Cercospora adinae</b> Srivastava et. al.	37
		<b>Cercospora adinicola</b> (Kar & Mondal)	21
		<b>Corynespora</b> sp. Gissow.	20
		<b>Mycovellosiella adinae</b> Firdousi et.al.	20
		<b>Pseudocercospora adinae</b> Singh & Kamal	11
		<b>Pseudocercospora adinae</b> Singh & Kamal	20
		<b>Pseudocercospora adinae</b> Singh & Kamal	21
		<b>Pseudocercospora</b> sp. Speg.	20
	<b>Mitragyna parvifolia</b> Korth.	<b>Cercospora mitragynae</b> Bhargava & Nath	20
		<b>Corynespora mitragynae</b> sp. nov.	22
		<b>Mycovellosiella mitragynae</b> Kumar & Kamal	21
		<b>Stenella</b> sp. Syd.	20
	<b>Gardenia gummifera</b> Linn.	<b>Stenella</b> sp. Syd.	37



54.	<b>Rutaceae</b>		
	<b>Citrus lemon</b> Linn.	<b>Alternaria aterata</b> (Fr.) Keissler.	01
		<b>Alternaria citri</b> Ellis & Pierce	23
		<b>Curvularia tuberculosa</b> Ellis.	24
		<b>Geotrichum canadidum</b> Link. ex. Pers.	19
	<b>Citrus maxima</b> Linn.	<b>Meliola</b> sp. Fr.	19
	<b>Citrus medica</b> Linn.	<b>Alternaria citri</b> Ellis & Pierce	21
		<b>Coniella citri</b> Agarwal & Sharma	19
	<b>Citrus</b> sp. Linn.	<b>Leptoxyphium graminum</b> Pat.	21
	<b>Glycosmis pentaphylla</b> Correa. Willd.	<b>Alternaria</b> sp. Nees.	11
		<b>Cercospora glycosmidis</b> Abbasi et al.	02
		<b>Cercospora glycosmidis</b> Abbasi et al.	11
		<b>Corynespora glycosmidis</b> Abbasi et al.	20
		<b>Corynespora</b> sp. Gissow.	11
		<b>Corynespora</b> sp. Gissow.	23
		<b>Phoma</b> sp. Desm.	24
		<b>Phomopsis</b> sp. Sacc.	20
		<b>Phomopsis</b> sp. Sacc.	21
	<b>Murraya exotica</b> Linn.	<b>Stenella</b> sp. Syd.	19
		<b>Botrydiploidiatheobromae</b> Pat.	11
		<b>Colleotrichum exoticum</b> Pavgi & Singh	02
		<b>Leptoxyphium</b> sp. Speg	11
	<b>Murraya paniculata</b> Spreng.	<b>Phoma herbarum</b> West.	11
		<b>Pestalotiopsis</b> sp. Steyaert.	19
	<b>Murraya</b> sp. Linn.	<b>Stenella peniculata</b> Tripathi et al.	19
		<b>Coelomyces</b> sp. Keilin.	27
		<b>Pseudocercospora murroicola</b> Cooke	27
	<b>Aegle marmelos</b> Linn. Correa.	<b>Pseudocercospora murroicola</b> Cooke	21
		<b>Colleotrichum capsici</b> Butter & Bisby	20
	<b>Murraya koehigii</b> Spreng	<b>Phoma glomerata</b> (Cda.) Wr.	02
		<b>Stenella</b> sp. Syd.	31
55.	<b>Samaydaceae</b>		
	<b>Casearia tomentosa</b> Linn.	<b>Pseudocercospora caseariae</b> sp. nov.	21
56.	<b>Scrophularaceae</b>		
	<b>Scoparia dulcis</b> Linn.	<b>Pseudocercospora scopariicola</b> Yen. Deighton	17
57.	<b>Smilacaceae</b>		
	<b>Smilax Macrophylla</b> Roxb.	<b>Stenella smilacis</b> Kumar et al.	20
58.	<b>Solanaceae</b>		
	<b>Solanum tuberosum</b> Linn.	<b>Alternaria aterata</b> (Fr.) Keissler.	20
		<b>Cladosporium sphaerospermum</b> Penz.	21
	<b>Solanum melongena</b> Linn.	<b>Alternaria solani</b> Nees.	19
		<b>Cladosporium oxysporum</b> Berk & Curt	21
	<b>Lycopersicon esculentum</b> Linn.	<b>Cladosporium tenuissimum</b> Cke.	19
	<b>Datura stramonium</b> Linn.	<b>Colleotrichum capsici</b> Butter & Bisby	21
	<b>Capsicum anum</b> Linn.	<b>Phomopsis capsici</b> Magn.	24
	<b>Solanum nigrum</b> Linn.	<b>Pseudocercospora atromarginalis</b> (Atk.) Deighton	24
59.	<b>Sterculiaceae</b>		
	<b>Sterculia</b> sp. Linn.	<b>Meliola</b> sp. Fr.	27
60.	<b>Teliaceae</b>		
	<b>Corchorus olitorius</b> Linn.	<b>Cercospora macutensis</b> Syd.	02
	<b>Grewia asiatica</b> Linn.	<b>Phomopsis</b> sp. Sacc.	28
	<b>Grewia</b> sp. Linn.	<b>Pseudocercospora grewiicola</b> Bagyanarayan et al.	20
		<b>Stenella grewiae</b> Syd.	
	<b>Grewia elastica</b> Linn.	<b>Stenella grewiae</b> Syd.	01
		<b>Stenella</b> sp. Syd.	02
61.	<b>Ulmaceae</b>		
	<b>Holoptelia integrifolia</b> Planch.	<b>Colleotricum dematium</b> (Pers. ex. Fr.) Grove	02
		<b>Phoma exigua</b> Desm.	02
	<b>Trema</b> sp. Blume	<b>Zygisporium</b> sp. Mont.	33
62.	<b>Verbenaceae</b>		
	<b>Clerodendron inerme</b> Linn. Gaertn.	<b>Amerosporium polynematoides</b> Speg.	20
	<b>Clerodendrum indicum</b> Linn.	<b>Cercospora clerodendri</b> Miyake.	20

	<b>Fusarium concolor</b> Reink.	19
<b>Clerodendrum viscosum</b> Linn.	<b>Corynespora clerodendri viscosae</b> Giisow	20
	<b>Pseudocercospora clerodendri</b> Speg.	19
	<b>Pseudocercospora clerodendri</b> Speg.	28
	<b>Stenella clerodendri</b> Syd.	17
	<b>Stenella clerodendri</b> Syd.	24
<b>Clerodendrum</b> sp. Linn.	<b>Corynespora clerodendri</b> Myake.	01
	<b>Corynespora clerodendroni viscosi</b> Pal et al.	31
	<b>Corynespora clerodendri viscosae</b> Giisow	11
<b>Lantana camara</b> Linn.	<b>Corynespora lanthanum</b> Sharma et al.	17
	<b>Sirosporium lantana</b> Bubak & Scrab.	01
	<b>Sirosporium lantana</b> Bubak & Scrab.	02
<b>Lantana indica</b> Linn.	<b>Corynesporanana</b> Meenu & Kamal	02
	<b>Corynesporanana</b> Meenu & Kamal	01
	<b>Pseudocercospora</b> sp. Speg.	20
<b>Premna mucronata</b> Roxb.	<b>Cercospora premnae</b> sp. nov.	02
<b>Clerodendrum phlomidis</b> Linn.	<b>Cercospora phlomidicola</b> Mall.	01
<b>Tectona grandis</b> Linn.	<b>Phomopsis variosporum</b> Sacc.	23
	<b>Phomopsis variosporum</b> Sacc.	17
	<b>Stenella tectonic</b> syd.	01
	<b>Stenella tectonic</b> syd.	23
	<b>Uredo</b> sp. Pers.	11
	<b>Veronaea tectoni</b> Cif. & Montem.	23
<b>Vernonia cinerea</b> Less.	<b>Pseudocercospora cinereae</b> (Pavgi & Singh) Deighton	19
63. <b>Zingiberaceae</b>		
<b>Curcuma domestica</b> Linn.	<b>Cercospora cucumina</b> Srivastava et. al.	19

**\*\* Places of Collection****A. Sohelwa Wildlife Sanctuary**

1. Sohelwa Forest Range East
2. Sohelwa Forest Range West
3. Barahwa Forest Range
4. Bankatwa Forest Range
5. Tulsipur Forest Range
6. Tulsipur unit (Village)
7. Rampur Forest Range
8. Bhabhar Forest Range

**B. Shravasti Forest Division**

9. Hardutt Nagar Girant Forest Range
10. Kakardari Forest Range
11. Bhingra Forest Range
12. Payagpur Forest Range
13. Chakia Forest Range
14. Rupaidiha Forest Range
15. Abdulaganj Forest Range
16. Nanpara Forest Range
17. Bahraich Forest Range
18. Kaisarganj Forest Range

**D. Katarniaghat Wildlife Sanctuary**

19. Katarniaghat Forest Range

20. Nishangara Forest Range

21. Murtiha Forest Range

22. Dharpur Forest Range

23. Motipur Forest Range

24. Kakarha Forest Range

**E. Dudhwa Tiger Reserve**

25. Belraya Forest Range

26. Sonaripur Forest Range North

27. Sonaripur Forest Range South

28. Gaurifanta Forest Range

29. Bankati Forest Range

30. Sathiana Forest Range

31. Dudhwa Forest Range

32. Dudhwa Paryatan

**F. Kishanpur Forest Division**

33. Kishanpur Forest Range

34. Mailani Forest Range

**G. Pilibhit Forest Division**

35. Pilibhit Forest Range

36. Botanical Survey of India Allahabad

37. Mahabaleshwar Forest Range Satara Maharashtra

The perusal of the table reveals that there are two hundred seven angiospermic host plant species representing one hundred fifty five genera belonging to sixty three families are being parasitized by two hundred forty three species of follicolous fungi representing sixty three fungal genera in the whole surveyed area. The sixty three families can be categorized in to four categories. The category first has family Fabaceae with twenty host plants where as category second is being represented by Asteraceae and Moraceae being parasitized by eleven hosts each; category third is represented by Cucurbitaceae and Poaceae, Euphorbiaceae, Menispermaceae, Myrtaceae, Rutaceae, Solanaceae, and Verbenaceae with seven, ten, six, nine, ten, six and ten host plants parasitized respectively. Rest of the fifty three families is being represented by one to five parasitized hosts. No family has been found infected with more than twenty hosts.

*Mallotus philippensis*, *Ficus rumphi*, *Glycosmis pentaphylla* are found to be most susceptible host being parasitized by seven fungus each where as *Eupatorium cannabinum*, *Haplophragma adenophyllum*, *Litsea chinensis* and *Adina cardifolia* are found to be infected with six fungus each; *Shorea robusta* with five fungus; *Mangifera indica*, *Cycas circinalis*, *Diospyros tomentosa*, *Artocarpus heterophyllus*, *Syzygium sp.*, *Mitragyna parvifolia* and *Tectona grandis* has been found to be infected with four fungus each. Rest of the hosts is being found to be infected with two to three fungus and majority are being parasitized by a single follicolous fungus. There are a number of the hosts which had been collected infected with the same fungus either in different season or in different locality or simultaneously both having different ecological condition shows the adaptability of the fungus in different ecological or climatological conditions.

Twenty four hosts are the new hosts record viz., *Tinospora malaverica*, *Teliacora sp.*, *Euginia sp.*, *Albizia procera*, *Lagerstroemia parviflora*, *Shorea robusta*, *Clerodendrum sp.*, *Glycosmis pentaphylla*, *Litsea chinensis*, *Clerodendrum viscosum*, *Trichonthe dioica*, *Murraya sp.*, *Polygonum sp.*, *Albizia lebeck*, *Saccharum spontaneum*, *Carissa carandas*, *Grewia elastica*, *Tectona grandis*, *Eribotrya japonica*, *Zizyphus xylophyrus*, *Tectona grandis*, *Pennisetum typhoides*, *Sorghum vulgare* and *Zea mays* whereas twenty nine fungal taxon are new species to their respective genera viz., *Alternaria bauhina*, *Alternaria bahraichensis*, *Alternaria ichnocarpicola*, *Alternaria kamalella*, *Alternaria tejensis*, *Cercospora oudhensis*, *Cercospora phlomidicola*, *Cercospora premnae*, *Cladosporium fici-caricae*, *Corynespora bahraichiana*, *Corynespora*

*carissae*, *Corynespora celastricola*, *Corynespora elephantopii*, *Corynespora ichnocarpia*, *Corynespora mitragynae*, *Corynespora pongamicola*, *Corynespora tomenticola*, *Meliola flacourticola*, *Meliola syzyginea*, *Pseudocercospora caseariae*, *Pseudocercospora zizyphii*, *Stenella litseae*, *Stenella rajendrella*, *Alternaria penniseti*, *Drechslera rajendrella*, *Cercospora bahraichensis*, *Alternaria zeamaydis*, *Drechslera indica*, *Curvularia zeae*.

The review of literature Bilgrami et al., 1979, 1981, 1991; Ellis 1971, 1976; Ellis and Ellis, 1997; Jamaluddin et al., 2004; Mukerji et al., 1974; Sarbhoy et al., 1986, 1996; Verma et al., 2008 reveals that all the fungus which has been reported to be a new record to Indian mycoflora.

### Acknowledgement

The authors are grateful to Shri Mohd. Ahsan, Chief Wildlife Warden, Govt. of U. P. Lucknow and Shri Ramesh Pandey D. F.O. Katarniaghat Wildlife Sanctuary who very kindly extended us the permission to explore the vegetation under their command. It is our pleasure to extend our deepest sense of gratitude to Prof. Kamal Emeritus Scientist Ex. Prof. Head, Department of Botany, D.D.U. Gorakhpur University, Gorakhpur, for his help in many ways. Our most sincere thanks are due to Prof. S. K. Singh Retd. Prof. and Head, Department of Botany, D.D.U. Gorakhpur University, Gorakhpur, a well known plant taxonomist of the country and Dr. D. C. Saini Scientist E Institute of Palaeobotany, Lucknow for cordial help in identification of hosts plants and valuable suggestion. The authors are thankful to Chief Curator, H.C.I.O., New Delhi for providing accession numbers of Holotypes of all the fungal specimens deposited. We do extend our most sincere thanks to Principal, Kisan P. G. College Bahraich for providing library and laboratory facilities. The senior author is thankful to U.G.C. for providing minor Research Project.

### References

1. Bilgrami, K.S., Jamaluddin and Rizwi, M.A. Fungi of India, Part- I. List and Reference. Today and Tomorrow's Printers and Publishers. New Delhi, 1979; pp. 467. <http://www.threatenedtaxa.org/ZooPrintJournal/2011/June/0262226vi111872-1874.pdf>
2. Bilgrami, K.S., Jamaluddin and Rizwi, M. A. Fungi

- of India, Part-II. Host Index and Addenda. Today and Tomorrow's Printers and Publishers, New Delhi, 1981; pp 268. <http://www.iisc.ernet.in/currsci/Jul102005/58.pdf>
3. Bilgrami, K. S., Jamaluddin and Rizwi, M. A. Fungi of India, Part III. List and Reference. Today and Tomorrow's Printers and Publishers, New Delhi, 1991; pp.798. <http://www.Jurnal.Pasca.uns.ac.id/index.php/nubios/article/download/61/61>
  4. Ellis, M. B., Dematiaceous Hyphomycetes. CMI, Kew, U. K. 1971; pp. 608. [http://www.landmuseum.at/pdf\\_frei\\_remote/Sydo-wia\\_34\\_0115-0117.pdf](http://www.landmuseum.at/pdf_frei_remote/Sydo-wia_34_0115-0117.pdf)
  5. Ellis, M. B. More Dematiaceous Hyphomycetes. CMI, U. K. 1976; pp.507. <http://www.crenetbase.com/doi/abs/10.1201/EB-K/1439804193-b1>
  6. Ellis and Ellis. Microfungi on Land Plant: An Identification Hand Book Richmond Publishing Co. Hand Book 2nd Edition, Dec. 1997; 868 pp.213 plates 66500 ISBN. 0855462469. [http://www.nhbs.com/microfungi\\_on\\_land\\_plants\\_tefno\\_22999.html](http://www.nhbs.com/microfungi_on_land_plants_tefno_22999.html)
  7. Jamaluddin, Goswami, M. G. and Ojha, B. M. 2004. Fungi of India, (1989-2001). Scientific Publishers India, Jodhpur. 326 <http://scialert.net/fulltext?doi=ppj.2012.68.72&0rg=11>
  8. Mall TP. Diversity of Foliicolous fungi from North Central Tarai Forests of U.P., India Vegetos 2011; 24: 35-39. <https://www.google.co.in/search?sugexp=chrome,mod=19&sourceid=chrome&ie=UTF-8&q=URL6.+Mall+TP.+Diversity+of+Foliicolous+fungi+from+North+Central+Tarai+Forests+of+U.P.+India+Veget>
  9. Mall, T.P. Foliicolous Fungi : Earths Living Treasure in North Central Tarai Forests of Uttar Pradesh India. Ind. Jour. Pl. Health. 2011; 3: 8-20. [https://www.google.co.in/search?sugexp=chrome,mod=19&sourceid=chrome&ie=UTF-8&q=Mall %2C+T.P.+2011.+ Foliicolous+ Fungi+%3A+E arths+Living+ Treasure+in+ North+Central+Tarai+Forests+of+Uttar+ Pradesh+India.+Ind.+Jour.+Pl.+ Health.+3%3A8-20.](https://www.google.co.in/search?sugexp=chrome,mod=19&sourceid=chrome&ie=UTF-8&q=Mall%2C+T.P.+2011.+Foliicolous+Fungi+%3A+Earths+Living+Treasure+in+North+Central+Tarai+Forests+of+Uttar+Pradesh+India.+Ind.+Jour.+Pl.+Health.+3%3A8-20.)
  10. Mall, T.P. 2011-2012. Foliicolous Fungi of North Central Tarai Forests of Uttar Pradesh (India). Nature and Environment 4&5: 13-22 [https://www.google.co.in/search?sugexp=chrome,mod=19&sourceid=chrome&ie=UTF-8&q=9.+Mall%2C+T.P.+20112012.+Foliicolous+Fungi+of+North+Central+Tarai+Forests+of+Uttar+Pradesh+\(India\).+Nature+and+Environment+4%265%3A+13-22.](https://www.google.co.in/search?sugexp=chrome,mod=19&sourceid=chrome&ie=UTF-8&q=9.+Mall%2C+T.P.+20112012.+Foliicolous+Fungi+of+North+Central+Tarai+Forests+of+Uttar+Pradesh+(India).+Nature+and+Environment+4%265%3A+13-22.)
  11. Mall, T.P. Status of Susceptible hosts of Foliar Fungi from North Central Tarai Forests of Uttar Pradesh (India). Res. Environ. Life Sci. 2012; 5: 11-16. [https://www.google.co.in/search?sugexp=chrome,mod=19&sourceid=chrome&ie=UTF-8&q=11.+Mall%2C+T.P.2012.+Status+of+ Susceptible+hosts +of+Foliar+Fungi+from+ North+Central+Tarai+Forests+of+Uttar+Pradesh +\(India\).+Res.+Environ.+Life+Sci.+5%3A11-16.](https://www.google.co.in/search?sugexp=chrome,mod=19&sourceid=chrome&ie=UTF-8&q=11.+Mall%2C+T.P.2012.+Status+of+Susceptible+hosts +of+Foliar+Fungi+from+North+Central+Tarai+Forests+of+Uttar+Pradesh +(India).+Res.+Environ.+Life+Sci.+5%3A11-16.)
  12. Mukerji, K. G. and Juneja, R. C. 1974. Fungi of India, (1962-72). Emkay Publ. Delhi. pp. 224. [http://www.mycosphere.org/pdfs/MC2\\_4\\_No.8.pdf](http://www.mycosphere.org/pdfs/MC2_4_No.8.pdf)
  13. Sarbhoy, A. K., Agarwal, D. K. and Varshney, J. L. 1986. Fungi of India (1977-81). Associated publ. Co. New Delhi. pp.350. <http://www.sciencedirect.com/science/article/pii/S0953756209808101>.
  14. Sarbhoy, A. K., Varshney, J. L. and Agarwal, D. K. 1996. Fungi of India (1982-92). CBS Publishers and Distributers New Delhi. pp.274. <http://Journal-phytology.com/index.php/phyto/article/viewfile/6071/3110>
  15. Verma, R. K., Sharma, Nidhi, Soni, K. K. and Jamaluddin. Forest Fungi of Central India. International Distributing Co. Lucknow . 2008; 418 pp. <http://www.riddhionline.com/collections/forestry-books/products/forest-fungi-of-central-india>