

ASTERINACEAE OF INDIA

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This paper gives an account of nine genera: *Asterina*, *Asterolibertia*, *Cirsosia*, *Echidnodella*, *Echidnodes*, *Lembosia*, *Lembosina*, *Prillieuxina* and *Trichasterina* and an anamorph genus *Asterostomella*. All these fungal genera and their respective species are arranged alphabetically under their alphabetically arranged host families.

Keywords

Asterinaceae, *Asterina*, *Asterolibertia*, *Asterostomella*, *Cirsosia*, *Echidnodella*, *Echidnodes*, *Lembosia*, *Lembosina*, *Prillieuxina* and *Trichasterina*

Introduction

The first report of the genus *Asterina* in India dates back to *Asterina carbonacea* Cooke and *Asterina congesta* Cooke known on coriaceous leaves and *Santalum album*, respectively, from Belgaum, Karnataka (Cooke, 1984). Sir E.J. Butler in 1901 has identified several collections with the help of H. Sydow and P. Sydow (Sydow *et al.*, 1911). Ryan (1928) studied some of the Indian collections. Thirumalachar made collections of these fungi from the Western Ghat regions of Karnataka (Hansford & Thirumalachar, 1948). Kar & Maity (1970) and Kar & Ghosh (1986) contributed from West Bengal. Thite & Kulkarni (1976), Patil & Thite (1977, 1978, 1981) contributed to this group from Maharashtra. Studies were carried out by Hosagoudar & Hanlin (1995), Hosagoudar & Goos (1994, 1996), Hosagoudar *et al.* (1996a, b, 1998, 1999, 2001 a, b, c), Nair & Kaul (1987) from Tamil Nadu, Karnataka and Kerala. However, very little attention has been paid to Andhra Pradesh (Venugopal Rao *et al.*, 1989, Hosagoudar & Mohanan, 1996). Except, the work of Doidge (1942) for South Africa, all other works on this group are either sporadic or fragmentary. Before attempting the revisionary work on Asterinaceae of India, an attempt has been made here to provide a checklist of Asterinaceae members. Though, Hosagoudar in Hosagoudar *et al.* (2001d) has proposed the family Lembosiaceae, the family Asterinaceae has been considered here as Asterinaceae *sensu* Arx & Muller (1975). All

the genera and species are arranged alphabetically under their respective alphabetically arranged host families.

Acanthaceae

***Asterina asystasiae* Thite in M.S. Patil & Thite**
1977. J. Shivaji Univ. Sci. 17: 152. (*nom.nud.*)
On leaves of *Asystasia violacea*, Maharashtra.

***Asterina betonicae* Hosag. & Goos**
1996. Mycotaxon 59: 153.
On leaves of *Justicia betonica*, Tamil Nadu.

***Asterina justiciae* Thite**
1977. In: M.S. Patil & Thite, J. Shivaji Univ. Sci. 17:152 (*nom. nud.*)
On leaves of *Justicia simplex*, Maharashtra.

***Asterina phlogacanthi* Kar & Ghosh**
1986. Indian Phytopathol. 39: 211.
On leaves of *Phlogacanthus curviflorus*, West Bengal.

***Asterina tertiae* Racib. var. *africana* Doidge**
1920. Trans. Royal Soc. South Africa 8: 264.
1996. Hosag., Balakr. & Goos, Mycotaxon 59: 183.
1994. Hosag. & Goos, Mycotaxon 52: 470.
1996. Hosag. & Goos, Mycotaxon 60: 160.
On leaves of *Rungia sisparensis*, *Diotacanthus albiflorus*, *Eranthemum capense*, Tamil Nadu.

Alangiaceae

***Asterina bali* Sydow**
1921. Ann. Mycol. 19: 308.
On leaves of *Alangium salvifolium* (= *Alangium lamarkii*), Orissa.

***Asterina perpusilla* Sydow**
1916. Ann. Mycol. 14: 366.
On leaves of *Alangium salvifolium*, Uttar Pradesh.

***Asterostomella alangii* Hosag. & Mohanan**
1996. Indian J. Forestry 19: 371.
On leaves of *Alangium salvifolium*, Andhra Pradesh.

Anacardiaceae

***Asterina drimicarp* Kar & Maity**
1970. Trans. Brit. Mycol. Soc. 54: 435.
On leaves of *Drimycarpus racemosus*, West Bengal.

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***Asterina nothopegiae* Ryan**

1928. Mem. Dept. Agric. India 15: 104.
1996. Hosag., Balakr. & Goos, Mycotaxon 59: 182.
On leaves of *Nothopegia colebrookiana*, Karnataka and Tamil Nadu.

***Asterolibertia nothopegiae* Hosag. & Abraham**

1997. New Botanist 24: 109.
On leaves of *Nothopegia aureofulva*, Kerala.

***Asterolibertia mangiferae* Hansf. & Thirum.**

1948. Farlowia 3: 303.
On leaves of *Mangifera indica*, Karnataka.

***Asterolibertia nothopegiae* Hosag. & Abraham**

1997. New Botanist 24: 109
On leaves of *Nothopegia aureofulva*, Kerala.

Annonaceae***Asterina clemensis* Petrakin Sydow & Petrak**

1931. Ann. Mycol. 29: 231.
1988. Kaul & Nair, Acta Bot. Indica 16: 229.
On leaves of *Polyalthia longifolia*, Kerala.

***Asterina saccopetali* Thite & Kulkarni**

1976. Indian Phytopathol. 29: 169.
On leaves of *Miliusa tomentosa* (= *Saccopetalum tomentosum*), Karnataka.

***Asterostomella miliusae* Singh, Kamal & Singh**

1982. Curr. Sci. 51: 787.
On leaves of *Miliusa tomentosa*, Uttar Pradesh.

***Lembosina indica* Thite & Kulkarni**

1976. Indian Phytopathol. 29: 172.
On leaves of *Miliusa tomentosa* (= *Saccopetalum tomentosum*), Karnataka.

***Lembosina saccopetali* Thite & Kulkarni**

1976. Indian Phytopathol. 29: 172.
On leaves of *Miliusa tomentosa* (= *Saccopetalum tomentosum*), Karnataka.

***Prillieuxina polyalthiae* Hosag. & Abraham**

1998. Indian Phytopathol. 51: 391.
On leaves of *Polyalthia longifolia*, Kerala.

***Trichasterina goniotalami* Hosag. & Goos**

1996. Mycotaxon 60: 165.
On leaves of *Goniotalmus wightii*, Tamil Nadu.

Apocyanaceae***Asterina aganosmae* Petrak in Sydow & Petrak**

1931. Ann. Mycol. 29: 238.
1995. Hosag. & Hanlin, New Botanist 22: 188.
On leaves of *Aganosma cymosa*, Tamil Nadu.

***Asterina holarrhenae* Ryan**

1928. Mem. Dept. Agric. India 15: 103.
On leaves of *Holarhrena pubescens* (= *Holarhrena antidysenterica*), Assam.

***Asterina wrightiae* Sydow in Sydow & Petrak**

1931. Ann. Mycol. 29: 236.
1998. Hosag. & Abraham, Indian Phytopathol. 51: 390.
On leaves of *Wrightia tinctoria*, Kerala.

Aquifoliaceae***Asterina bottomleyae* Doidge,**

1942. Bothalia 4: 33.
1996. Hosag., Balakr. & Goos, Mycotaxon 60: 170.
On leaves of *Ilex walkeri*, Tamil Nadu.

***Asterina mitteriana* Sydow.**

1937. Ann. Mycol. 35: 232.
On leaves of *Ilex wightiana*, Tamil Nadu.

Araliaceae***Asterina araliae* Patil & Pawar**

1989. Indian Phytopathol. 42: 248.
On leaves of *Brassalopsis actinophila*, Maharashtra.

Arecaceae***Asterina areacearum* Hosag., Abraham & C.K.**

Biju
2001. In: Hosag., Abraham, C.K. Biju & Hyde., Fungal Diversity 6: 70.
On leaves of *Calamus* sp., Kerala.

***Circosia areacearum* Hosag. & M. Pillai**

1994. Mycol. Res. 98: 128.
On leaves of *Calamus thwaitesii*, Karnataka.

***Circosia globuliferae* (Pat.) Arn.**

1962. In: Muller & Arx., Die Gattung der Pyrenomyceten, p.114.
On leaves of *Calamus pseudotenuis*, Tamil Nadu.

Araceae***Lembosia malabarensis* (Sydow & Sydow) Hosag. & Goos**

1994. Mycotaxon 52: 472.
1911. ° *Asterina malabarensis* Sydow & Sydow in Sydow, Sydow & Butler, Ann. Mycol. 9: 391.
1912. = *Asterinella malabarensis* (Sydow & Sydow) Theiss., Broteria 10: 106.
1939. = *Prillieuxina malabarensis* (Sydow & Sydow) Ryan in Stevens & Ryan, Illinois Biol. Monographs 17: 80.
On leaves of *Pothos scandens*, Karnataka.

Aristolochiaceae***Asterina thotteae* Hosag. & Hanlin**

1995. New Botanist 22: 188.
On leaves of *Thottea siliquosa*, Tamil Nadu.

Asclepiadaceae***Asterina asclepiadis* Hosag. & Goos**

1996. Mycotaxon 59: 152.
On leaves of *Asclepias curassavica*, Tamil Nadu.

Asteraceae***Asterina adanostemmatis* Kar & Ghosh**

Indian Phytopathol. 39: 208 (*adanostemmae*)
On leaves of *Danostemma lavenia* var *elata* (= *A. viscosum*), West Bengal.

***Asterina blumeae* Kar & Ghosh**

1986. Indian Phytopathol. 39: 214.
On leaves of *Blumea* sp., West Bengal.

***Asterina eupatorii* Kar & Ghosh**

1986. Indian Phytopathol. 39: 214.
On leaves of *Ageratina adenophora* (= *Eupatorium glandulosum*), West Bengal.

Berberidaceae***Asterina goosii* Hosag. & Balakr.**

1996. In: Hosag., Balakr. & Goos, Mycotaxon 59: 178.
On leaves of *Mahonia leschenaultii*, Tamil Nadu.

Bignoniaceae***Asterostomella radermacheriae* Hosag., Balakr. & Goos**

1996. Mycotaxon 58: 495.
On leaves of *Radermachera xylocarpa*, Kerala.

Caesalpinaceae***Asterina saracae* Hosag., Abraham & Crane**

1998. Mycotaxon 68: 19.
On leaves of *Saraca asoca*, Kerala.

***Lembosia humboldtiae* Hosag. & Abraham**

1996. Mycol. Res. 102: 186.
On leaves of *Humboldtia vahliana*, Kerala.

Capparaceae***Asterina capparis* Sydow & Butler**

1911. Ann. Mycol. 9: 390.
1996. Hosag., Balakr. & Goos, Mycotaxon 60: 171.
On leaves of *Capparis zeylanica*, Tamil Nadu.

***Asterina radians* Ellis**

1893. J. Mycol. 7: 276.
1988. Kaul & Nair, Acta Bot. Indica 16: 229.
On leaves of *Capparis rotundifolia* (= *C. pedunculosa*), Maharashtra.

Celastraceae***Asterina dissiliens* (Sydow) Doidge,**

1942. Bothalia 4: 287.
1994. Hosag. & Goos, Mycotaxon 52: 467.
1996. Hosag., Balakr. & Goos, Mycotaxon 60: 174.

- On leaves of *Maytenus ovatus*, *Pleurostyllia opposita*, Tamil Nadu.
- Asterina euonymi** Hosag. & Goos
1994. Mycotaxon 52: 467.
On leaves of *Euonymus crenulatus*, Tamil Nadu.
- Asterina gymnosporiae** Castellani,
1942. Neuovo G. Bot. Ital. 49: 11,
1976. Thite & Kulkarni, Indian Phytopathol. 29: 169.
On leaves of *Maytenus puberula* (= *Gymnosporia puberula*), Maharashtra.
- Asterina microtropidis** Hosag., Balakr. & Goos
1996. Mycotaxon 59: 181.
On leaves of *Microtropis ovalifolia*, Kerala.
- Clusiaceae
Asterina garciniae Hansf.
1946. Proc. Linn. Soc. London 1944-45: 204.
On leaves of *Garcinia mangostana*, Tamil Nadu.
- Combretaceae
Asterina anogeissi Rajak
1985. J. Econ. Taxon. Bot. 7: 30.
On leaves of *Anogeissus latifolia*, Madhya Pradesh.
- Asterina combreti** Sydow
1910. Engl. Bot. Jahrb. 45: 264.
1998. Hosag. & Abraham, Indian Phytopathol. 51: 389.
On leaves of *Calycopteris floribunda*, Kerala.
- Asterina combreti** Sydow var. *cylindrica* Kar & Ghosh
1986. Indian Phytopathol. 39: 218.
On leaves of *Combretum* sp., West Bengal.
- Asterina escharoides** Sydow, Abh. K.K.
1913. Zool. Bot. Ges. 7: 101.
1995. Hosag., Indian J. Forestry 18: 274.
On leaves of *Quisqualis indica*, Kerala.
- Asterina terminaliae** Thite
1977. In: M.S. Patil & Thite, J. Shivaji Univ. 17: 152.
On leaves of *Terminalia chebula*, Maharashtra.
- Asterostomella terminaliae** Hosag., Balakr. & Goos
1996. Mycotaxon 58: 496.
On leaves of *Terminalia paniculata*, Tamil Nadu.
- Lembosia terminaliae-chebulae** Hosag., Abraham & Crane
1998. Mycotaxon 58: 20.
On leaves of *Terminalia chebula* Kerala.
- Convolvulaceae
Prillieuxina argyreiae (Hosag., Balakr. & Goos) Hosagoudar, comb. nov.
° *Asterinella argyreiae* Hosag., Balakr. & Goos.
1996. Mycotaxon 58: 489.
On leaves of *Argyreia* sp., Tamil Nadu.
- Daphniphyllaceae
Asterostomella daphniphylli Hosag. & Ravikumar in Hosag. & Goos
1994. Mycotaxon 52: 471.
On leaves of *Daphniphyllum neilgherrense*, Tamil Nadu.
- Dichapetalaceae
Asterina dichapetali Hansf. & Thirum.,
1948. Farlowia 3: 305.
On leaves of *Dichapetalum gelonioides*, Karnataka.
- Dilleniaceae
Asterostomella dilleniacearum Hosag., Abraham & C.K. Biju
1997. New Botanist 24: 19.
On leaves of *Dillenia pentagyna*, Kerala.
- Dipterocarpaceae
Asterina hopiicola Hosag. & Abraham
1998. Mycol. Res. 102: 184.
On leaves of *Hopea parviflora*, Kerala.
- Asterina pleuispora** Ryan
1928. Mem. Dept. Agric. India 15: 104, (*Pleurisporus*)
On leaves of *Shorea roxburghii* (= *S. talura*), Karnataka.
- Echidnodella hopeae** Hosag., Balakr. & Goos
1996. Mycotaxon 58: 497.
On leaves of *Hopea ponga*, Karnataka.
- Ebenaceae
Asterina diospyri Hosag. & C.K. Pradeep
2001. In: Hosag., C.K. Biju, Abraham & C.K. Pradeep, J. Econ. Taxon. Bot. 25: 279.
On leaves of *Diospyros* sp., Kerala.
- Asterina mabae** M.S. Patil & Pawar
Indian Phytopathol. 42: 249, 1989.
On leaves of *Diospyros angustifolia* (= *Maba nigrescens*), Maharashtra.
- Lembosia mabae** Thite & Patil
1997. In: M.S. Patil & Thite, J. Shivaji Univ. 17: 154, (*nom. nud.*)
On leaves of *Maba nigrescens*, Maharashtra.
- Elaeagnaceae
Asterina elaeagni (Sydow) Sydow & Petrak
Ann. Mycol. 29: 225, 1931
Hansf. & Thirum., Farlowia 3: 306, 1948.
On leaves of *Elaeagnus latifolia*, Karnataka.
- Elaeocarpaceae
Asterina elaeocarpi Sydow var. *ovalis* Kar & Maity
1986. Indian Phytopathol. 39: 218.
1996. Hosag., Balakr. & Goos Mycotaxon 60: 175.
On leaves of *Elaeocarpus* sp., West Bengal,
Elaeocarpus tuberculatus, Tamil Nadu.
- Asterina elaeocarpicola** Hansf.,
1954. Reinwardia 3: 131.
1996. Hosag. & Goos, Mycotaxon 60: 154.
On leaves of *Elaeocarpus munronii*, Tamil Nadu.
- Asterostomella indica** Rao & Anahosur
1972. Indian J. Mycol. Pl. Pathol. 2: 32-34.
On leaves of *Elaeocarpus oblongus*, Karnataka.
- Erythralaceae
Asterina erythralicola Hosag. & Goos
1996. Mycotaxon 59: 156.
On leaves of *Erythralium scandens* (= *E. populifolium*), Tamil Nadu.
- Euphorbiaceae
Asterina aporusae Hansf. var. *cylindrica* Kar & Ghosh
1986. Indian Phytopathol. 39: 216.
On leaves of *Aporusa roxburghii*, West Bengal.
- Asterina malloti** Sawada
1959. Rep. Dept. Agric. Res. Inst. Formosa 35: 162.
1976. Thite & Kulkarni, Indian Phytopathol. 29: 171.
On leaves of *Mallotus philippensis*, Maharashtra.
- Asterina phyllanthicola** Singh
1980. Trans. Brit. Mycol. Soc. 74: 204.
On leaves of *Phyllanthus reticulatus*, Uttar Pradesh.
- Asterostomella excoecariicola** Hosag. & Goos
1996. Mycotaxon 60: 161.
On leaves of *Excoecaria crenulata*, Tamil Nadu.
- Fabaceae
Asterostomella pongamiae K.V. Rao, Gopal & Manoharachary
1989. Asian J. Pl. Sci. 1: 93.
On leaves of *Pongamiapinnata* (= *P. glabra*), Andhra Pradesh.
- Flacourtiaceae
Asterina caseariae-esculentae (Hosag. & Goos) Hosag. & Abraham
2000. J. Econ. Taxon. Bot. 24: 568.
On leaves of *Casearia zeylanica* (= *C. esculenta*), Tamil Nadu.
- Asterina flacourtiacearum** Hosag. & Ravikumar
1996. In: Hosag., Balakr. & Goos, Mycotaxon 59: 176.
On leaves of *Scolopia crenata*, Tamil Nadu.

- Asterina granulosa* (Hansf.) Hosag., Balakr. & Goos**
1996. Mycotaxon 59: 179.
On leaves of *Scolopia crenata*, Tamil Nadu.
- Asterina hydnocarpi* Hosag. & Abraham**
1998. Indian Phytopathol. 51: 389.
On leaves of *Hydnocarpus macrocarpa*, Kerala.
- Asterina tonduzi* Sydow**
1927. Ann. Mycol. 25: 74.
1977. M.S. Patil & Thite, J. Shivaji Univ. 17: 152.
On leaves of *Flacourtia latifolia*, Maharashtra.
- Asterolibertia hydnocarpi* Hosag. & Abraham**
1997. J. Mycopathol. Res. 35: 55.
On leaves of *Hydnocarpus macrocarpa*, Kerala.
- Asterostomella scolopiae-crenatae* Hosag. & Abraham**
1997. New Botanist 24: 111.
On leaves of *Scolopia crenata*, Kerala.
- Hippocrateaceae
***Asterina loeseneriellae* Hosag. & Goos**
1996. Mycotaxon 59: 157.
On leaves of *Loeseneriella obtusifolia*, Tamil Nadu.
- Icacinaceae
***Asterina natsiati* Kar & Maity**
1970. Trans. Brit. Mycol. Soc. 54: 438.
On leaves of *Natsiatum hypericum*, West Bengal.
- Lauraceae
***Asterina cinnamomi* Sydow**
1923. Ann. Mycol. 21: 103.
Kaul & Nair, Acta Bot. Indica 16: 228, 1988.
On leaves of *Cinnamomum verum* (= *C. zeylanicum*), Tamil Nadu.
- Asterina litseae* Yates**
1918. Philippine J. Sci. 13: 373.
1996. Hosag., Balakr. & Goos, Mycotaxon 59: 180
On leaves of *Litsea ligustrina*, Tamil Nadu.
- Loranthaceae
***Asterina loranthe* Thite in M.S. Patil & Thite**
1977. J. Shivaji Univ. 17: 152 (*nom. nud.*)
On leaves of *Loranthus* sp., Maharashtra.
- Lythraceae
***Asterina lawsoniae* Henn. & Nyn.**
1899. Monsumia 1: 159
1947-48. Hansf., Proc. Linn. Soc. London 160: 145.
1977. M.S. Patil & Thite, J. Shivaji Univ. 17: 152.
On leaves of *Lawsonia inermis*, Tamil Nadu, Kerala and Maharashtra.
- Asterina woodfordiae* Sahni & Thite**
1977. J. Shivaji Univ. 17: 152.,
On leaves of *Woodfordia fruticosa* (= *W. floribunda*), Maharashtra.
- Lembosia lagerstroemiae* Hosag. & Abraham**
1997. New Botanist 24: 115.
On leaves of *Lagerstroemia microcarpa*, Kerala.
- Magnoliaceae
***Asterostomella micheliae* Hosag. & Goos**
1996. Mycotaxon 60: 162.
On leaves of *Michelia nilagirica*, Tamil Nadu.
- Malpighiaceae
***Asterina multilobata* Winter**
1895. Syll. Fung. 11: 255
1989. M.S. Patil & Pawar, Indian Phytopathol. 42: 249.
On leaves of *Aspidopterys indica* (= *A. roxburghiana*), Maharashtra.
- Malvaceae
***Asterina pavoniae* Werd.,**
1923. Rep. Spec. Nor. Res. Ves. 9: 50.
1996. Hosag. & Goos, Mycotaxon 60: 160.
On leaves of *Sida rhombifolia*, Tamil Nadu.
- Melastomataceae
***Asterina memecyloniae* Ryan**
1928. Mem. Dept. Agric. India 15: 104.
1981. M.S. Patil & Thite, J. Shivaji Univ. 20: 62.
On leaves of *Memecylon umbellatum edule*), Karnataka.
- Echidnodella memecyli* Hosag. & Abraham**
1998. Mycol. Res. 102: 185.
On leaves of *Memecylon* sp., Kerala.
- Lembosia melastomatum* M.S. Patil & Thite**
1978. J. Shivaji Univ. 18: 220.
On leaves of *Memecylon umbellatum* (= *M. edule*), Maharashtra.
- Lembosia memecyli* Sydow**
1931. Ann. Mycol. 29: 246.
1981. M.S. Patil & Thite, J. Shivaji Univ. 20: 63.
On leaves of *Memecylon umbellatum*, Maharashtra.
- Meliaceae
***Asterina cipadessae* Yates,**
1917. Philippine J. Sci. 12: 371.
1996. Hosag., Balakr. & Goos, Mycotaxon 60: 172.
On leaves of *Cipadessa baccifera*, Tamil Nadu.
- Asterina trichiliae* Doidge**
1920. Trans. Royal Soc. South Africa 8: 253.
1996. Hosag. & Goos, Mycotaxon 60: 161.
On leaves of *Trichilia connaroides*, Tamil Nadu.
- Menispermaceae
***Asterina anamirtae* Hosag.**
1996. In: Hosag., Balakr. & Goos, Mycotaxon 59: 167.
On leaves of *Anamirta cocculis*, Tamil Nadu.
- Lembosia decalvans* Pat.,**
1897. Ann. Jard. Bot. Buitenzorg, P. 122;
1995. Hosag., Indian J. Forestry 18: 275.
On leaves of *Pachygon ovata*, Tamil Nadu.
- Moraceae
***Asterina mysorensis* Hansf.,**
1948. Farlowia 3: 307.
On leaves of *Ficus* sp., Karnataka.
- Myristicaceae
***Asterina knemae-attenuatae* Hosag., Abraham & T.S. Nayar.**
1998. Mycotaxon 67: 487.
On leaves of *Knema attenuata*, Kerala.
- Myrsinaceae
***Asterina mysrines* Kar & Maity**
1970. Trans. Brit. Mycol. Soc. 54: 438.
On leaves of *Myrsine semiserrata* var. *subsinosa*, West Bengal.
- Myrtaceae
***Asterina claviflori* Kar & Maity**
1970. Trans. Brit. Mycol. Soc. 54: 441.
On leaves of *Syzygium claviflorum*, West Bengal.
- Asterina disciferae* Hosag.**
1996. In: Hosag., Balakr. & Goos, Mycotaxon 59: 172.
On leaves of *Eugenia discifera*, Tamil Nadu.
- Asterina eugeniae* Yates,**
1912. Philippine J. Sci. 12: 371.
1988. Kaul & Nair, Acta Bot. Indica 16: 229.
On leaves of *Syzygium cumini*, Maharashtra.
- Asterina gopalakrishnanii* Nair & Kaul,**
1987. Curr. Sci. 56: 1071.
On leaves of *Syzygium cumini*, Maharashtra.
- Asterina jambolana* Kar & Maity**
1970. Trans. Brit. Mycol. Soc. 54: 438
1996. Hosag; Balakr. & Goos, Mycotaxon 59: 180.
On leaves of *Syzygium cumini* (= *Eugenia jambolana*) West Bengal and Tamil Nadu.
- Asterina myrciae* Ryan**
1924. Mycologia 16: 186.
1989. M.S. Patil & Pawar, Indian Phytopathol. 42: 251.
On leaves of *Psidium gujava*, Maharashtra.

***Lembosia syzygiicola* Hosag.,**

1995. Indian J. Forestry 18: 276.

On leaves of *Syzygium tamilnadensis*, Karnataka.Oleaceae***Asterina olacicola* Hansf.**

1947. Proc. Linn. Soc. London 158: 46.

1998. M.S. Patil & Thite, J. Shivaji Univ. 18: 220.

On leaves of *Olax imbricata* (= *O. wightiana*), Maharashtra.Oleaceae***Asterina erysiphoides* Kalch. & Cooke**

1880. Grevillea 9: 32.

1948. Hansf. & Thirum., Farlowia 3: 306.

1996. Hosag., Balakr. & Goos, Mycotaxon 59: 175.

On leaves of *Jasminum retchiei*, Tamil Nadu, *J. cuspidatum* (= *J. rigidum*), Karnataka.***Asterina erysiphoides* Kalch. & Cooke var. *indica* Hosag., Balakr. & Goos**

1996. Mycotaxon 59: 175.

On leaves of *Jasminum cordifolium*, Tamil Nadu.***Asterina jasminicola* Yates,**

1918. Philippine J. Sci. 13: 373.

1978. Maity, Indian J. Mycol. Res. 16: 24.

On leaves of *Jasminum pubescens*, West Bengal.***Asterina spissa* Sydow in Sydow & Butler**

1911. Ann. Mycol. 9: 392.

1977. M.S. Patil & Thite, J. Shivaji Univ. 17: 152.

1976. Thite & Kulkarni, J. Bombay Nat. Hist. Soc. 73: 457.

On leaves of *Jasminum grandiflorum*, *J. malabaricum*, Maharashtra.***Asterostomella ligustri* Hosag., Balakr. & Goos**

1996. Mycotaxon 58: 493.

On leaves of *Ligustrum gamblei*, Tamil Nadu.Opiliaceae***Asterina cansjeriae* Ryan**

1928. Mem. Dept. Agric. India 15: 103.

On leaves of *Cansjera rheedii*, Karnataka.***Asterina cansjericola* Hansf. & Thirum.**

1948. Farlowia 3: 304.

On leaves of *Cansjera rheedii*, Karnataka.***Asterina cansjericola* Hansf. & Thirum., var. *indica* Hosag., Balakr. & Goos**

1996. Mycotaxon 59: 170.

On leaves of *Cansjera rheedii*, Tamil Nadu.***Asterina crebra* Sydow**

1913. Ann. Mycol. 11: 327.

On leaves of *Opilia amentacea*, Tamil Nadu.Pandanaceae***Echidnodes pandanicola* Hosag. & Hanlin**

1995. New Botanist 22: 191.

On leaves of *Pandanus* sp., Tamil Nadu.Piperaceae***Asterina piperis* Yates**

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