

## ADDITIONS TO THE FUNGI OF KERALA

**V.B. Hosagoudar**

Microbiology Division, Tropical Botanic Garden and Research Institute, Palode, Thiruvananthapuram, Kerala 695562, India  
Email: vbhosagoudar@rediffmail.com

Kerala is a relatively small state, located in the southwest corner of India and is bounded by the states of Karnataka on the north and northeast, and Tamil Nadu on the east and southeast; Arabian Sea is on the west. The state is located on the western side of the southern most part of the Western Ghats, forms a steep slope from eastern side to western side. Physiographically, the state is divided into: High lands, Middle lands and Low lands. High lands are located at an altitude between 900 to 1800m, Middle lands between 300 to 900m and the Low lands merge with the coastline.

The number of vascular plants in Kerala is estimated to be about 4467 (Sasidharan, 2004). When the ratio of the fungi with that of vascular plants is estimated to be 1:6, the number of fungi in Kerala is estimated to be about 28,000 (Florence, 2004). Though the systematic study of fungi in Kerala began since the beginning of the 19<sup>th</sup> century with the appointment of Sir. E.J. Butler (Father of Indian Mycology), the progress of fungal studies in Kerala was meager. Subramanian (1986) gave an account of 255 taxa belonging to 152 genera (Florence, 2004). Hosagoudar and Goos (1989, 1990) gave an account of meliolaceous fungi of Kerala collected from the Idukki hydroelectric project area of Idukki district. A list of 1044 fungi (with their substratum and references) was provided by Hosagoudar *et al.* (1997). Florence (2004) improved it and updated their number to 1990. Several taxonomic works have been carried out but have never appeared in print. Keeping this in mind, a herbarium was started and maintained in the Microbiology Division, Tropical Botanic Garden and Research Institute, Palode for both macro- and micro-fungi. An account of the foliicolous fungi housed in the present institution under the acronym TBGT accounts for 2041 collections. An account of the fungi dealt here are either additions to the earlier recorded habitat, substratum, place of collection or location. This Note is the first in the series in contributions towards the biodiversity of foliicolous fungi in Kerala.

### Enumeration of species

#### *Acremoniula sarcinellae* (Pat. & Har.) Arn. ex Deight.

On the colonies of *Sarcinella tectonae* infected *Tectona grandis*, TBGRI campus, Palode, Thiruvananthapuram, Aug. 12, 2004, V.B. Hosagoudar HCIO 46279, TBGT 1925; *Sarcinella vernoniae* infected *Vernonia* sp., Sairandhri, Silent valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar *et al.* HCIO 45766, TBGT 1515, HCIO 45818, TBGT 1568; *V. conizoides*, Chandanathode, Wyanad, Dec. 27, 2002, M. Kamarudeen & P.A. Jose TBGT 1026, HCIO 44789.

#### *Acrodictys balladynae* (Hansf.) Ellis

On *Balladyna* colonies infected the leaves of *Pavetta* sp.,

Chandanathode, Wyanad, Feb. 5, 2002, M. Kamarudeen HCIO 44515, TBGT 801.

#### *Acrostaurus* sp.

On the colonies of meliolaceous fungal colonies infected the leaves of *Strombosa zeylanica*, Kulirkavu, Aryankavu, Kollam, March 5, 2003, M. Kamarudeen & P.A. Jose HCIO 45158, TBGT 1213.

#### *Aecidium elaeocarpi-tuberculati* Hosag.

On leaves of *Elaeocarpus tuberculatus*, Athirumala, Thiruvananthapuram, March 26, 1996, V.B. Hosagoudar TBGT 112.

#### *Aecidium meliosmae-myrianthae* P. Henn. & Shirai

On leaves of *Meliosma simplicifolia*, on the way to Pambadam, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* HCIO 46124, TBGT 1887; Moozhiyar, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* HCIO 46125, TBGT 1888, HCIO 46138, TBGT 1901; near Uppupara, Idukki, Dec. 16, 2004, V.B. Hosagoudar *et al.* HCIO 45936, TBGT 1700, HCIO 46121, TBGT 1884.

#### *Aecidium rhytismoideum* Berk. & Br.

On leaves of *Diospyros malabaricus*, TBGRI campus, Palode, Thiruvananthapuram, Sept. 23, 2002, V.B. Hosagoudar TBGT 917, HCIO 44635; *Diospyros* sp., TBGRI campus, Palode, Thiruvananthapuram, Feb. 2, 1996, V.B. Hosagoudar TBGT 484, HCIO 44080.

#### *Aecidium* sp.

On leaves of *Gymnema sylvestre*, Kombe, Thiruvananthapuram, Feb. 18, 1997, V.B. Hosagoudar HCIO 45141, TBGT 1196.

#### *Allothyriella* sp.

On leaves of *Symplocos* sp., Kakki dam, Moozhiyar forest, Pathanamthitta, Dec. 4, 2004, V.B. Hosagoudar HCIO 46325, TBGT 1971.

#### *Amazonia daphniphylli* M.S. Patil

On leaves of *Daphniphyllum neilgherrense*, Mattupetty, Munnar, Idukki, Jan. 1, 2003, H. Biju & A. Manoj Kumar TBGT 1080, HCIO 44843; Devikulam, Munnar, Idukki, Jan. 23, 2003, H. Biju & A. Manojkumar TBGT 1072, HCIO 44835.

#### *Amazonia goniotalami* Hosag. *et al.*

On leaves of *Goniotalamus wyanadensis*, Chandanathode, Wyanad, Dec. 26, 2002, M. Kamarudeen & P.A. Jose TBGT 1038, HCIO 44801.

#### *Amazonia goosii* Hosag. & Abraham var. *microspora* Hosag. *et al.*

On leaves of *Psychotria globicephala*, Agastiar Hill, Thiruvananthapuram, March 3, 1996, V.B. Hosagoudar HCIO 45221, TBGT 1258; *Psychotria* sp., Pongalapara, Thiruvananthapuram, March 3, 1996, V.B. Hosagoudar HCIO 45190, TBGT 1226; *P. flavida*, Attayar, Neyyar Wildlife Sanctuary, Thiruvananthapuram, March 18, 1997, V.B. Hosagoudar HCIO 45260, TBGT 12980.

#### *Amazonia gordoniae* Hosag. *et al.*

On leaves of *Gordonia* sp., Gravel Banks, Munnar, Idukki, Dec. 18, 2001, S. Shiburaj TBGT 590, HCIO 44272.

#### *Amazonia guoaniae* Hosag. & Braun

On leaves of *Guoania* sp., Sairandhri, Silent Valley, Palghat, Dec. 12, 2003, V.B. Hosagoudar *et al.* HCIO 46342, TBGT 1988,

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HCIO 46344, TBGT 1990.

***Amazonia henryi* Hosag.**

On leaves of *Calycopteris floribunda*, Kombe, Meenmutty, Thiruvananthapuram, March 9, 1996, V.B. Hosagoudar TBGT 01, HCIO 42136.

***Amazonia peregrina* Sydow & Sydow**

On leaves of *Maesa indica*, TBGRI Campus, Palode, Thiruvananthapuram, Dec. 15, 1996, V.B. Hosagoudar HCIO 42497, TBGT 128; Naymakad, Munnar, Idukki, Sept. 24, 1998, C.K. Biju HCIO 43676, TBGT 331; Gravel Banks, Rajamala, Munnar, Idukki, July 2, 1998, C.K. Biju HCIO 45074, TBGT 1129; Rajamala, Idukki, Oct. 11, 1998, C.K. Biju HCIO 42964, TBGT 234; Wagamon, Kottayam, Dec. 5, 2002, A. Manoj Kumar TBGT 992, HCIO 44711.

***Amazonia* sp.**

On leaves of *Psychotria* sp., in the forest area near Kusavoor, Palode, Thiruvananthapuram, Nov. 16, 2002, A. Manoj Kumar TBGT 1042, HCIO 44805.

***Ampullifera foliicola* Deight.**

On leaves of *Neolitsea scrobiculata*, Banasuran Hills, Wyanad, Nov. 19, 1999, C.K. Biju HCIO 43463, TBGT 286; *Vigna pilosa*, forest area near Kusavoor, Palode, Thiruvananthapuram, Nov. 16, 2002, A. Manoj Kumar TBGT 1022, HCIO 44785.

***Ampullifera* sp.**

On leaves of *Atalantia* sp., Gravel Banks, Munnar, Idukki, Jan. 20, 2003, A. Manoj Kumar & H. Biju 45211, TBGT 1248.

***Appendiculella calophylli* (Stev.) Toro var. *apetali* Hosag. et al.**

On leaves of *Calophyllum apetalum*, TBGRI campus, Palode, Thiruvananthapuram, Dec. 4, 1996, V.B. Hosagoudar TBGT 73; Dec. 4, 1996, V.B. Hosagoudar TBGT 69, HCIO 42411; Dec. 5, 2001, H. Biju TBGT 777, HCIO 44487; Jan. 5, 2001, H. Biju TBGT 790, HCIO 44504; March 2, 2005, G.R. Archana & V.L. Sheeja HCIO 45921, TBGT 1683.

***Appendiculella gaultheriae* Hosag. et al.**

On leaves of *Gaultheria fragrantis*, Peppara Wildlife Sanctuary, Thiruvananthapuram, June 26, 1996, V.B. Hosagoudar HCIO 45267, TBGT 1305; Poopara, Munnar, Idukki, Jan. 23, 2003, A. Manoj Kumar & H. Biju TBGT 1100, HCIO 44872.

***Appendiculella shettyi* Hosag. et al.**

On leaves of *Gordonia* sp., Gravel banks, Munnar, Idukki, Dec. 18, 2001, S. Shiburaj TBGT 811, HCIO 44525.

***Appendiculella vivekananthanii* Hosag. et al.**

On leaves of *Gordonia obtusa*, Mattupetty, Munnar, Idukki, Jan. 1, 2003, H. Biju & A. Manoj Kumar TBGT 1069, HCIO 44832; *Gordonia* sp., Gravel banks, Munnar, Idukki, Dec. 18, 2001, S. Shiburaj TBGT 811, HCIO 44525.

***Armatella apolloniadis* Hosag.**

On leaves of *Apollonias* sp., Chemunji Hills, Thiruvananthapuram, March 11, 1997, V.B. Hosagoudar TBGT 468, HCIO 43986.

***Armatella balakrishnanii* Hosag.**

On leaves of *Cinnamomum malabratum*, Kombe,

Thiruvananthapuram, March 11, 1996, V.B. Hosagoudar TBGT 409, HCIO 43982; TBGT 410, HCIO 44016; Champatty, Silent Valley, Palghat, Dec. 14, 2003, V.B. Hosagoudar et al. TBGT 1698.

***Armatella cinnamomicola* Hansf.**

On leaves of *Cinnamomum macrocarpum*, Medicinal Plant Conservation Area, Kulamavu, Idukki, Sept. 5, 2001, M. Kamarudeen TBGT 572, HCIO 44181; Wyanad, Oct. 16, 2001, M. Kamarudeen HCIO 45293, TBGT 1331; *Cinnamomum* sp., Sylven valley Hills, Munnar, Idukki, April 25, 2002, S. Shiburaj TBGT 834, HCIO 44548.

***Armatella cryptocaryae* Hosag.**

On leaves of *Actinodaphne* sp., Ponmudi, Thiruvananthapuram, March 7, 2003, G. Rajkumar HCIO 45134, TBGT 1189; *Cryptocarya bourdilloni*, Peppara Wildlife Sanctuary, Thiruvananthapuram, Feb. 10, 1997, V.B. Hosagoudar HCIO 43959, TBGT 467; *Cryptocarya* sp., TBGRI Campus, Palode, July 31, 1998, Sibi Mathew HCIO 42956, TBGT 235; *Litsea glabrata*, Athirumala, Neyyar Wildlife Sanctuary, Thiruvananthapuram, March 26, 1997, V.B. Hosagoudar HCIO 42500, TBGT 129; *L. coriacea*, Chandanathode, Wyanad, Feb. 6, 2002, M. Kamarudeen HCIO 44698, TBGT 979; *L. deccanensis*, Periya, Wyanad, April 21, 2003, G. Rajkumar & P. A. Jose HCIO 45097, TBGT 1118; *L. glabra*, Peppara Wildlife Sanctuary, Thiruvananthapuram, Feb. 3, 1997, V.B. Hosagoudar HCIO 42499, TBGT 130; *L. stocksii*, TBGRI campus, Palode, March 7, 2001, H. Biju, HCIO 46070, TBGT 1833; *L. wightii*, Vaguparai, Munnar, Idukki, Jan. 22, 2003, A. Manoj Kumar & H. Biju, HCIO 45115, TBGT 1170; Mannavan shola, Munnar, Idukki, Jan. 20, 2003, A. Manoj Kumar & H. Biju, HCIO 45216, TBGT 1253; *Litsea* sp., Mannavan shola, Idukki, Jan. 21, 2003, A. Manoj Kumar & H. Biju HCIO 44873, TBGT 1101; May 11, 1999, C.K. Biju HCIO 45268, TBGT 1306; Jan. 21, 2003, A. Manoj Kumar & H. Biju HCIO 44890, TBGT 1118; Bendhar, Munnar, Idukki, Jan. 23, 2003, A. Manoj Kumar & H. Biju HCIO 44886, TBGT 1114; Ponmudi, Thiruvananthapuram, March 7, 2003, G. Rajkumar & P.A. Jose HCIO 45137, TBGT 1192; Sairandhri, Silent valley, Palghat, Dec. 12, 2003, V.B. Hosagoudar et al. HCIO 46327, TBGT 1973; Dec. 13, 2003, V.B. Hosagoudar et al. HCIO 45759, TBGT 1508; HCIO 45774, TBGT 1523; Dec. 12, 2003, V.B. Hosagoudar et al. HCIO 46345, TBGT 1991. TBGRI campus, Palode, Thiruvananthapuram, Nov. 8, 2000, H. Biju HCIO 46074, TBGT 1837; Moozhiiyar forest, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar HCIO 46336, TBGT 1982; Sairandhri, Silent valley, Dec. 12, 2003, V.B. Hosagoudar et al. TBGT 1947, HCIO 46301; TBGT 1912, HCIO 46266; *Persea macrantha*, Wyanad, Jan. 9, 2002, M. Kamarudeen TBGT 678, HCIO 44273.

***Armatella indica* Hosag.**

On leaves of *Cinnamomum sulphuratum*, Athirumala, Thiruvananthapuram, March 26, 1996, V.B. Hosagoudar TBGT 1034, HCIO 44797; *Cinnamomum* sp., Rajamala, Munnar, Idukki, Jan. 20, 2003, A. Manoj Kumar & H. Biju HCIO 45263, TBGT 1301; HCIO 45248, TBGT 1286.

***Armatella katumotoi* Hosag.**

On leaves of *Persea macrantha*, Wyanad, Jan. 9, 2002, M. Kamarudeen TBGT 678, HCIO 44273; *Litsea stocksii*, Kombe,

Meenmutty, Thiruvananthapuram, March 9, 1996, V.B. Hosagoudar HCIO 45257, TBGT 1295; *Litsea* sp., Sairandhri, Silent Valley, Palghat, Dec. 12, 2003, V.B. Hosagoudar *et al.* HCIO 46346, TBGT 1992; HCIO 46346, TBGT 1992; Dec. 13, 2003, V.B. Hosagoudar *et al.* HCIO 45759, TBGT 1508; HCIO 45773, TBGT 1522; HCIO 46346, TBGT 1992; *Persea* sp., Periya, Wyanad, Dec. 27, 2002, M. Kamarudeen & P.A. Jose TBGT 1048, HCIO 44811.

***Armatella litseae* (P. Henn.) Theiss. & Sydow**

On leaves of *Neolitsea fischeri*, Ponmudy, Thiruvananthapuram, Nov. 23, 2004, E.S. Santhoshkumar HCIO 46087, TBGT 1850; *Neolitsea* sp., Sairandhri, Silent Valley, Palghat, Dec. 15, 2003, V.B. Hosagoudar *et al.* HCIO 45963, TBGT 1727; Mannavan shola, Idukki, Sept. 16, 1999, C.K. Biju HCIO 45269, TBGT 1307; *Litsea* sp., Mannavan shola, Munnar, Idukki, Jan. 5, 1999, C.K. Biju TBGT 338, HCIO 43670; April 24, 2002, S. Shiburaj TBGT 833, HCIO 44547; Rajmala, Munnar, Idukki, Jan. 20, 2003, A. Manoj Kumar & H. Biju TBGT 1103, HCIO 44875; Kundala dam site, Munnar, Idukki, Jan. 23, 2003, A. Manojkumar & H. Biju TBGT 38, HCIO 44851.

***Armatella litseae* (P.Henn.) Theiss. & Sydow var. *boninensis* Katumoto & Harada**

On leaves of *Neolitsea scrobiculata*, Banasuran Hills, Wyanad, Nov. 19, 1999, C.K. Biju HCIO 43463, TBGT 286; *N. zeylanica*, Vagupara, Munnar, Idukki, Jan. 22, 2003, H. Biju & A. Manoj Kumar TBGT 1084, HCIO 44847.

***Armatella neolitsicola* Hosag. *et al.***

On leaves of *Neolitsea* sp., Sairandhri, Silent valley, Palghat, Dec. 12, 2003, V.B. Hosagoudar *et al.* HCIO 45758, TBGT 1507.

***Armatella phoebecola* Hosag.**

On leaves of *Actinodaphne* sp., Vagupara, Munnar, Idukki, Jan. 22, 2003, A. Manoj Kumar & H. Biju TBGT 1102, HCIO 44874; *Litsea* sp., Mannavan shola, Idukki, Sept. 29, 1998, C.K. Biju HCIO 45273, TBGT 1311.

***Armatella* sp.**

On leaves of *Litsea phoebe*, Mannavan shola, Munnar, Idukki, May 11, 1999, C.K. Biju HCIO 45281, TBGT 1319; *Actinodaphne* sp., Bramhagiri, Wyanad, Nov. 7, 2001, S. Shiburaj HCIO 45191, TBGT 1227; *Cinnamomum* sp., Mannavan shola, Munnar, Idukki, Sept. 13, 1999, C.K. Biju HCIO 45223, TBGT 1260.

***Asperisporium pongamiae* (H. Syd.) Deight.**

On leaves of *Pongamia pinnata*, Sankali forest, Kollam, Jan. 5, 2001, V.B. Hosagoudar TBGT 832, HCIO 44546; TBGRI campus, Thiruvananthapuram, June 13, 2001, P.A. Jose TBGT 606.

***Asteridiella anastomosans* (Wint.) Hansf.**

On leaves of *Leucas* sp., Chempatty, Silent valley, Palghat, Dec. 14, 2003, V.B. Hosagoudar *et al.* HCIO 46306, TBGT 1952.

***Asteridiella antidesmaticola* Hosag. & Abraham**

On leaves of *Antidesma alexiteria*, Kombe, Meenmutty, Thiruvananthapuram, March 9, 1996, V.B. Hosagoudar HCIO 42137, TBGT 02.

***Asteridiella callista* (Rehm.) Hansf.**

On leaves of *Stachytarpheta jamaicensis*, Peppara Wildlife Sanctuary, Thiruvananthapuram, Feb. 6, 1997, V.B. Hosagoudar

TBGT 147, HCIO 42533; Sankali forest, Kollam, Dec. 27, 2001, V.B. Hosagoudar TBGT 669, HCIO 44274; *S. indica*, Wagamon, Kottayam, Dec. 5, 2002, A. Manoj Kumar TBGT 994, HCIO 44713; Karikulam, Ranni, Pathanamthitta, Oct. 4, 2002, A. Manoj Kumar TBGT 895, HCIO 44613; Palode, Thiruvananthapuram, July 27, 2001, G. Rajkumar TBGT 710, HCIO 44275; TBGRI campus, Palode, Thiruvananthapuram, Dec. 18, 2001, H. Biju TBGT 871, HCIO 44584.

***Asteridiella clerodendricola* Hosag.**

On leaves of *Clerodendrum viscosum*, Athirumala, Neyyar Wildlife Sanctuary, Thiruvananthapuram, March 26, 1996, V.B. Hosagoudar TBGT 46, HCIO 42175; Moozhiyar forest, KSEB quarters, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* HCIO 45976, TBGT 1740.

***Asteridiella combreti* (Stev.) Hansf. var. *leonensis* Hansf.**

On leaves of *Terminalia alata*, Peppara Wildlife Sanctuary, Thiruvananthapuram, Feb. 5, 1997, V.B. Hosagoudar TBGT 131, HCIO 42498; Feb. 5, 1997, V.B. Hosagoudar TBGT 548, HCIO 44148; *T. bellirica*, Kombe, Thiruvananthapuram, Feb. 18, 1997, V.B. Hosagoudar TBGT 184, HCIO 42532; March 11, 1996, V.B. Hosagoudar TBGT 47; Peringamala, Thiruvananthapuram, Nov. 25, 2000, M. Kamarudeen TBGT 648, HCIO 44276; TBGRI campus, Thiruvananthapuram, Dec. 12, 2001, H. Biju TBGT 755, HCIO 44465; Jan. 3, 2001, H. Biju TBGT 849, HCIO 44562; *T. paniculata*, Peppara Wildlife Sanctuary, Thiruvananthapuram, Feb. 3, 1997, V.B. Hosagoudar TBGT 185, HCIO 42531; Chinnar, Munnar, Idukki, Jan. 6, 1999, C.K. Biju TBGT 906, HCIO 44624; Parakuzhy forest area, Karikulam, Ranni, Pathanamthitta, Oct. 4, 2002, A. Manoj Kumar TBGT 929, HCIO 44647; TBGRI campus, Thiruvananthapuram, Nov. 2, 2000, H. Biju TBGT 751, HCIO 44462; Jan. 18, 2001, H. Biju TBGT 839, HCIO 44553; Kombe, Meenmutty Thiruvananthapuram, March 9, 1996, V.B. Hosagoudar TBGT 03, HCIO 42138; *Terminalia* sp., Vankulla, Moozhiyar forest, Pathanamthitta, Nov. 23, 2004, V.B. Hosagoudar *et al.* HCIO 46189, TBGT 1601; HCIO 46191, TBGT 1603; Vandanam Sacred grove, Alapuzha, Dec. 8, 2002, A. Manoj Kumar TBGT 1009, HCIO 44728; *Calycopteris floribunda*, Placherry forest, Ranni, Pathanamthitta, Dec. 6, 2002, A. Manoj Kumar TBGT 1008, HCIO 44727; Tenmala, Kollam, Jan. 14, 2003, V.B. Hosagoudar TBGT 1060, HCIO 44823; forest area, Kusavoor, Palode, Thiruvananthapuram, Sept. 1, 2002, A. Manoj Kumar TBGT 876, HCIO 44589; *Calycopteris* sp., Sankali forest, Kollam, Dec. 27, 2001, V.B. Hosagoudar TBGT 692, HCIO 44277; Combretaceae member, Periya, Wyanad, March 7, 2001, G. Rajkumar & P.A. Jose HCIO 45253, TBGT 1291; Sankali forest, Kollam, Nov. 23, 2004, V.B. Hosagoudar TBGT 1621, HCIO 46209; Karimancode, Palode, Thiruvananthapuram, Jan. 21, 2005, Archana *et al.* TBGT 1637, HCIO 46225; Sankali forest, Kollam, Nov. 23, 2004, V.B. Hosagoudar TBGT 1759, HCIO 45995; TBGRI campus, Palode, Thiruvananthapuram, Nov. 4, 2001, H. Biju TBGT 1878, HCIO 46115; *Terminalia* sp., TBGRI arboretum, Palode, Thiruvananthapuram, Jan. 20, 2001, H. Biju TBGT 862, HCIO 44575.

***Asteridiella crotonicola* Hosag. & Abraham**

On leaves of *Croton zeylanicus*, Sankali forest, Kollam, Dec. 27, 2001, V.B. Hosagoudar TBGT 684, HCIO 44278.

***Asteridiella cyclopoda* (Stev.) Hansf.**

On leaves of *Vernonia arborea*, Kulamavu, Idukki, Sept. 7, 2001, M. Kamarudeen TBGT 629, HClO 44279; *V. conyzoides*, Near Kakki dam, Moozhiyar forest, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* TBGT HClO 45933; *V. travancorica*, Agastyar hill, Neyyar Wildlife Sanctuary, Thiruvananthapuram, March 26, 1998, V.B. Hosagoudar TBGT 212, HClO 42922; *V. monosis*, Kadalar shola, Munnar, Idukki, July 1, 1998, C.K. Biju TBGT 333, HClO 43678.

***Asteridiella dilleniae* Hosag. & Kamarudeen**

On leaves of *Dillenia pentagyna*, Vithura, Thiruvananthapuram, Nov. 22, 2000, M. Kamarudeen TBGT 517, HClO 44125; TBGRI campus, Palode, Thiruvananthapuram, Dec. 3, 2001, H. Biju TBGT 825, HClO 44539; Palode, Thiruvananthapuram, June 11, 2003, M. Kamarudeen HClO 45102, TBGT 1157.

***Asteridiella elaeocarpi-tuberculati* Hosag.**

On leaves of *Elaeocarpus tuberculatus*, Sairandhri, Silent valley, Palghat, Dec. 12, 2003, V.B. Hosagoudar *et al.* TBGT 1802, HClO 46039.

***Asteridiella entebbeensis* (Hansf. & Stev.) Hansf. var. *glochidii* Hosag. *et al.***

On leaves of *Glochidion* sp., Vagupara, Munnar, Idukki, Jan. 22, 2003, H. Biju & A. Manojkumar TBGT 1079, HClO 44842; *Glochidion* sp., Mannavan shola, Munnar, Idukki, Jan. 5, 1998, C.K. Biju TBGT 266 (*p.p.*), HClO 43360 (*p.p.*).

***Asteridiella formosensis* Yamam.**

On leaves of *Callicarpa tomentosa*, Moozhiyar forest, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* TBGT 1642, HClO 46230; TBGT 1646, HClO 46234; Ponmudi, Thiruvananthapuram, July 26, 2001, M. Kamarudeen TBGT 555, HClO 44126; TBGT 641, HClO 44280; Kulamavu, Idukki, Sept. 5, 2001, M. Kamarudeen TBGT 570, HClO 44184; *Callicarpa* sp., Champatty, Silent valley, Palghat, Dec. 14, 2003, V.B. Hosagoudar *et al.* TBGT 1512, HClO 45763.

***Asteridiella gaultheriae* Hosag. *et al.***

On leaves of *Gaultheria* sp., Rajamala, Munnar, Idukki, Jan. 20, 2003, A. Manoj Kumar & H. Biju TBGT 1105, HClO 44877.

***Asteridiella glycosmidis* Hosag. *et al.***

On leaves of *Glycosmis pentaphylla*, Tirunelly, Wyanad, Sept. 23, 2002, K. Vijayakumar TBGT 910, HClO 44628.

***Asteridiella knemae* Hansf. var. *macrospora* Hosag. & Abraham**

On leaves of *Knema attenuata*, Attayar, Thiruvananthapuram, March 20, 1997, C.K. Biju TBGT 716, HClO 44281.

***Asteridiella kombeensis* Hosag.**

On leaves of *Mallotus philippensis*, Ramagirikotta, Palghat, July 16, 2002, H. Biju TBGT 799, HClO 44513.

***Asteridiella macarangiicola* Hosag.**

On leaves of *Macaranga peltata*, Placherry forest, Ranni, Pathanamthitta, Oct. 4, 2002, A. Manoj Kumar TBGT 905, HClO 44623.

***Asteridiella malloti* (Hansf. & Thirum.) Hansf.**

On leaves of *Mallotus* sp., Placherry forest, Ranni, Pathanamthitta, Oct. 4, 2002, A. Manoj Kumar TBGT 932, HClO 44650.

***Asteridiella mallotica* Yamam.**

On leaves of *Mallotus philippensis*, Kombe, Meenmutty Thiruvananthapuram, March 9, 1996, V.B. Hosagoudar TBGT 06, HClO 42141.

***Asteridiella phaulopsisidis* Hosag.**

On leaves of *Phaulopsis imbricata*, Sankali forest, Kollam, Dec. 27, 2001, V.B. Hosagoudar TBGT 672, HClO 44283.

***Asteridiella pygei* Hansf. var. *microspora* Hosag.**

On leaves of *Pygium wightianum*, Sairandhri, Silent valley, Palghat, Feb. 13, 2003, V.B. Hosagoudar TBGT 1595, HClO 46183.

***Asteridiella schumannianthi* Hosag. *et al.***

On leaves of *Schumannianthus* sp., Pachakanam forest, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar *et al.* TBGT 1927, HClO 46281.

***Asteridiella scolopiae* Hosag.**

On leaves of *Scolopia crenata*, Chembra peak, Wyanad, April 14, 1999, C.K. Biju TBGT 294, HClO 43609.

***Asteridiella tremae* (Speg.) Hansf.**

On leaves of *Trema orientalis*, TBGRI campus, Thiruvananthapuram, Dec. 18, 2001, H. Biju TBGT 780, HClO 44490.

***Asteridiella triloba* (Wint.) Hansf.**

On leaves of *Mukia* sp., Mannavan shola, Idukki, Jan. 1, 1999, C.K. Biju TBGT 272, HClO 43457.

***Asteridiella triloba* (Wint.) Hansf. var. *momordicae* Hosag. *et al.***

On leaves of *Momordica* sp., Mannavan shola, Idukki, Jan. 5, 1999, C.K. Biju TBGT 270, HClO 43459.

***Asteridiella vivekananthanii* Hosag.**

On leaves of *Clerodendrum viscosum*, Placherry forest, Ranni, Pathanamthitta, Dec. 6, 2002, A. Manoj Kumar TBGT 990, HClO 44709; Chembra peak, Wyanad, Nov. 11, 1998, C.K. Biju TBGT 295, HClO 43610; Eanikara, Thiruvananthapuram, Jan. 10, 2001, V.B. Hosagoudar TBGT 415, HClO 44008.

***Asterina acronychiae* Hosag.**

On leaves of *Acronychia laurifolia*, Banasuran mala, Wyanad, April 16, 1999, C.K. Biju TBGT 1238, HClO 45202; Vandanam Sacred grove, Alapuzha, Oct. 3, 2002, A. Manoj Kumar TBGT 896, HClO 44614; *A. pedunculata*, Banasuran mala, Wyanad, Nov. 19, 1999, C.K. Biju TBGT 1203, HClO 45148; *Melicope* sp., Palode, Thiruvananthapuram, Oct. 10, 2000, K. Narayanan Nair TBGT 411, HClO 44015.

***Asterina aporusae* Hansf.**

On leaves of *Aporusa lindleyana*, Kombe, Thiruvananthapuram, March 9, 1996, V.B. Hosagoudar TBGT 549, HClO 44117; TBGRI campus, Palode, Thiruvananthapuram, Nov. 11, 2000, H. Biju TBGT 1865, HClO 46102; Sankali forest, Kollam, Nov. 23, 2004, V.B. Hosagoudar TBGT 1586, HClO 46174; Dec. 18, 2001, H. Biju TBGT 1835, HClO 46072; Vandanam Sacred grove, Alapuzha, Oct. 3, 2002, A. Manoj Kumar TBGT 934, HClO 44652; Vankulla, Sankali, Kollam, Nov. 23, 2004, V.B. Hosagoudar TBGT 1775, HClO 46011; March 2, 2005, G.R. Archana & V.L. Sheeja TBGT 1722, HClO 45958; *Aporusa* sp., Kombe, Thiruvananthapuram, March 11, 1996, V.B. Hosagoudar TBGT 579, HClO 44207; Feb. 20, 1997, V.B. Hosagoudar TBGT 703, HClO 44285; Peppara Wildlife Sanctuary, Thiruvananthapuram,

Feb. 2, 1997, V.B. Hosagoudar TBGT 584, HClO 44198.

***Asterina atalantiae* Hosag. & Agarwal**

On leaves of *Atalantia wightii*, Pandipathu, Thiruvananthapuram, March 21, 2001, G. Rajkumar TBGT 1183, HClO 45128.

***Asterina cipadessae* Yates**

On leaves of *Cipadessa baccifera*, Palaruvi, Thiruvananthapuram, Dec. 26, 2000, G. Rajkumar TBGT 1190, HClO 45135; TBGRI Campus, Palode, Dec.5, 2001, H. Biju TBGT 1881, HClO 46118; Jan. 5, 2001, H. Biju TBGT 1869, HClO 46106; Jan. 17, 2001, H. Biju TBGT 1874, HClO 46111; Oct. 10, 2001, M. Kamarudeen TBGT 649, HClO 44289; Nov. 4, 2001, H. Biju TBGT 1879, HClO 46116; Oct. 31, 2003, Kamalesh Kumar TBGT 1783, HClO 46019; Jan. 25, 2005, Archana *et al.* TBGT 1779, HClO 46015; TBGT 1781, HClO 46017; March 2, 2005, G.R. Archana & V.L. Sheeja TBGT 1688, HClO 45926; Dec. 4, 1996, V.B. Hosagoudar TBGT 74, HClO 42412; Karakulam, Thiruvananthapuram, Feb. 25, 2003, G. Rajkumar TBGT 1188, HClO 45133; Sairandhri, Silent valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar *et al.* TBGT 1801, HClO 46038; Ecotourism Adventure Zone, Tenmala, Kollam, Oct. 14, 2002, A. Manoj Kumar TBGT 753, HClO 44668.

***Asterina cissi* Hughes**

On leaves of *Vitis* sp. or of a species of the family Vitaceae, Rajamala, Munnar, Idukki, Sept. 5, 1998, C.K. Biju TBGT 213, HClO 42941.

***Asterina clausenicola* Doidge**

On leaves of *Euodia luna-ankenda*, Pongalapara, Athirumala, Thiruvananthapuram, March 26, 1996, V.B. Hosagoudar TBGT 214, HClO 42940; Periya, Wyanad, Jan. 8, 2001, M. Kamarudeen TBGT 836, HClO 44550.

***Asterina claviflori* Kar & Maity**

On leaves of *Syzygium mundagam*, TBGRI campus, Palode, Thiruvananthapuram, Jan. 10, 2001, H. Biju TBGT 1839, HClO 46076.

***Asterina combreti* Sydow**

On leaves of *Calycopteris floribunda*, Peppara Wildlife Sanctuary, Thiruvananthapuram, Feb. 3, 1997, V.B. Hosagoudar TBGT 172, HClO 42535; Tenmala, Kollam, Jan. 14, 2003, V.B. Hosagoudar TBGT 1060, HClO 44823; forest area, Kusavoor, Palode, Thiruvananthapuram, Sept. 1, 2002, A. Manoj Kumar TBGT 876, HClO 44589; *Calycopteris* sp., Madathara, Kollam, Nov. 22, 2001, M.M. Shajivaz TBGT 651, HClO 44291; *Terminalia arjuna*, Vandanam Sacred grove, Alapuzha, Oct. 3, 2002, A. Manoj Kumar TBGT 936, HClO 44654; TBGRI campus, Thiruvananthapuram, Nov. 20, 2000, T. Sabu TBGT 412, HClO 44019; *T. paniculata*, Kuzhathupuzha, Kollam, Dec.26, 2000, G. Rajkumar TBGT 1331, HClO 45275; Sankali forest, Kollam, Dec. 27, 2001, V.B. Hosagoudar TBGT 729, HClO 44290; *Terminalia* sp., Vandanam Sacred grove, Alapuzha, Dec. 8, 2002, A. Manoj Kumar TBGT 1009, HClO 44728.

***Asterina congesta* Cooke**

On leaves of *Santalum album*, Kumuli, Idukki, May 23, 2003, P.A. Jose TBGT 1131, HClO 45076; Nursery, Tenmala, Kollam, Jan. 13, 2005, V.B. Hosagoudar *et al.* TBGT 1715, HClO 45951; TBGT 1717, HClO 45953; Pangode, Thiruvananthapuram, Jan.

14, 2003, G. Rajkumar TBGT 1144, HClO 45089; Pariyaram, Chalakudy, Trissur, Oct. 22, 2002, A. Manojkumar TBGT 966, HClO 44685; TBGRI campus, Palode, Thiruvananthapuram, Oct. 16, 2001, H. Biju TBGT 1838, HClO 46075; Nov. 2, 2000, H. Biju TBGT 1863, HClO 46100; Ramagirikotta, Palghat, July 16, 2002, A. Manojkumar & H. Biju TBGT 807, HClO 44521; Periya, Wyanad, Feb. 5, 2002, M.Kamarudeen TBGT 609, HClO 44293; July 1, 2001, M.Kamarudeen TBGT 653, HClO 44292.

***Asterina cryptocariicola* Hosag. *et al.***

On leaves of *Cryptocarya bourdillonii*, Rajamala, Idukki, Oct.25, 1998, C.K. Biju TBGT 236, HClO 42961.

***Asterina deightonii* Sydow**

On leaves of *Helixanthera* sp., TBGRI Campus, Palode, Thiruvananthapuram, Jan. 10, 2003, G. Rajkumar TBGT 1273, HClO 45236; *Loranthus falcatus*, TBGRI campus, Palode, Thiruvananthapuram, March 8, 2001, H. Biju TBGT 1880, HClO 46117; *Loranthus* sp. on tea plant, Mannavan shola, Munnar, Idukki, Jan. 5, 1999, C.K. Biju TBGT 368, HClO 43710; Gravel Banks, Munnar, Idukki, Dec. 18, 2001, S.Shiburaj TBGT 697, HClO 44296; TBGRI campus, Thiruvananthapuram, Aug. 16, 2001, S. Shiburaj TBGT 547, HClO 44144; TBGRI Quarters, Thiruvananthapuram, Dec. 15, 2001, C.K. Biju TBGT 612, HClO 44295; *Taxillus* sp., Mannavan shola, Munnar, Idukki, May 11, 1999, C.K. Biju TBGT 1232, HClO 45196.

***Asterina diplocarpa* Cooke**

On leaves of *Sida cordata*, forest area, Kusavoor, Palode, Thiruvananthapuram, Nov. 16, 2002, A. Manojkumar TBGT 970, HClO 44689; *S. glutinosa*, Vankulla, Sankali forest, Kollam, Nov. 23, 2004, V.B. Hosagoudar TBGT 1571, HClO 46159; TBGT 1619, HClO 46207; TBGT 1945, HClO 46299; *Sida* sp., Wagamon, Kottayam, Dec. 5, 2002, A. Manoj Kumar TBGT 998, HClO 44717.

***Asterina diplopoda* Sydow**

On leaves of *Solanum ferox*, Mannavan shola, Idukki, Sept. 23, 1998, C.K. Biju TBGT 253, HClO 42960.

***Asterina elaeagni* (Sydow) Sydow & Petrak**

On leaves of *Elaeagnus* sp., Kadalar, Munnar, Idukki, July 1, 1998, C.K. Biju TBGT 238, HClO 42959.

***Asterina elaeocarpi* Sydow var. *ovalis* Kar & Maity**

On leaves of *Elaeocarpus tuberculatus*, Athirumala, Neyyar Wildlife Sanctuary, Thiruvananthapuram, March 26, 1996, V.B. Hosagoudar TBGT 48, HClO 42176; Periya, Wyanad, Feb. 6, 2002, M. Kamarudeen TBGT 622, HClO 44297; Dec. 27, 2002, M. Kamarudeen & P.A. Jose TBGT 1024, HClO 44787; Sairandhri, Silent valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar *et al.* TBGT 1521, HClO 45772; Tirunelly, Wyanad, May 20, 2002, S. Shiburaj TBGT 920, HClO 44638; Attayar, Thiruvananthapuram, March 19, 1997, V.B. Hosagoudar TBGT 485, HClO 44077; Moozhiyar forest, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* TBGT 1644, HClO 46232; Kakki dam, Moozhiyar forest, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar TBGT 1750, HClO 45986; *Elaeocarpus* sp., Shendurney, Kollam, Jan. 14, 2003, V.B. Hosagoudar TBGT 41, HClO 44854; Sairandhri, Silent Valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar *et al.* TBGT 1825, HClO 46062.

***Asterina elaeocarpicola* Hansf.**

On leaves of *Elaeocarpus munronii*, Moozhiyar forest, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar TBGT *et al.* TBGT 1810, HClO 46047; Pachakanam, Moozhiyar forest, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar *et al.* TBGT 1808, HClO 46045; *Elaeocarpus* sp., Kakki dam, Moozhiyar forest, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar *et al.* TBGT 1934, HClO 46288.

***Asterina elatostemmatis* Hosag. & Goos**

On leaves of *Elatostemma* sp., Nalpathanchushola, Munnar, Idukki, Jan. 22, 2003, H. Biju & A. Manojkumar TBGT 1058, HClO 44821.

***Asterina erysiphoides* Kalch. & Cooke**

On leaves of *Jasminum cordifolium*, Banasuran mala, Wyanad, Kerala, April 16, 1999, C.K. Biju TBGT 1166, HClO 45111; Ponmudi, Thiruvananthapuram, March 7, 2003, G. Rajkumar & P.A. Jose TBGT 1193, HClO 45138; *Jasminum* sp., Banasuran mala, Wyanad, Nov. 19, 2000, C.K. Biju TBGT 373, HClO 43831; Nedumangad, Thiruvananthapuram, July 8, 2003, Mahanteshagowda TBGT 1155, HClO 45100; Tirunelly, Wyanad, May 15, 1999, C.K. Biju TBGT 1137, HClO 45082; Pachakanam, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar TBGT 1760, HClO 45996; Uppupara, Pachakanam, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar TBGT 1758, HClO 45994; Kusavoor, Palode, Thiruvananthapuram, June 22, 2002, A. Manoj Kumar TBGT 889, HClO 44602.

***Asterina erythropicalicola* Hosag. & Goos**

On leaves of *Erythralium populifolium*, Athirumala, Neyyar Wildlife Sanctuary, March 26, 1996, V.B. Hosagoudar TBGT 49, HClO 42177; TBGT 416, HClO 44006; Sairandhri, Silent valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar *et al.* TBGT 1826, HClO 46063.

***Asterina escharoides* Sydow**

On leaves of *Quesqualis indica*, Pangode, Thiruvananthapuram, Jan. 23, 2001, S. Shiburaj TBGT 486, HClO 44074; Karimancode, Palode, Thiruvananthapuram, Jan. 21, 2005, Archana *et al.* TBGT 1638, HClO 46226; TBGRI campus, Palode, Thiruvananthapuram, Jan. 17, 2001, H. Biju TBGT 1840, HClO 46077; Dec. 14, 2001, G. Rajkumar TBGT 1140, HClO 45085; Jan. 1, 2002, P.A. Jose TBGT 950, HClO 44669.

***Asterina euryae* Hosag. & C.K. Biju**

On leaves of *Eurya nitida*, Mannavan shola, Munnar, Idukki, Jan. 6, 1999, C.K. Biju TBGT 1498, HClO 45749.

***Asterina gamsii* Hosag. & C.K. Biju**

On leaves of *Elaeocarpus tectorius*, Chempatty, Silent Valley, Palghat, Dec. 14, 2003, V.B. Hosagoudar *et al.* TBGT 1900, HClO 46137; Moozhiyar, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* TBGT 1861, HClO 46098; *E. oblongus*, Sairandhri, Silent Valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar *et al.* TBGT 1502, HClO 45753.

***Asterina garciniae* Hansf.**

On leaves of *Garcinia travancorica*, Chemunji, Thiruvananthapuram, Nov. 22, 2004, E.S. Santosh Kumar TBGT 1977, HClO 46331.

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

On leaves of *Mahonia leschenaultii*, Mannavan shola, Idukki, Sept. 23, 1998, C.K. Biju TBGT 215, HClO 42938.

***Asterina granulosa* (Hansf.) Hosag. *et al.***

On leaves of *Scolopia crenulata*, Sankali forest, Kollam, Nov. 23, 2004, V.B. Hosagoudar *et al.* TBGT 1913, HClO 46267.

***Asterina hakgalensis* Hansf.**

On leaves of *Rhododendron nilgircicus*, Sylvan Valley Hill, Munnar, Idukki, April 25, 2002, S. Shiburaj TBGT 840, HClO 44554; *Rhododendron* sp., Mannavan shola, Munnar, Idukki, May 11, 1999, C.K. Biju TBGT 1320, HClO 45282; Rajamala, Munnar, Idukki, Jan. 20, 2003, H. Biju & A. Manojkumar TBGT 1064, HClO 44827; Sylvan valley, Munnar, Idukki, August 29, 2002, S. Shiburaj TBGT 926, HClO 44644.

***Asterina hibisci* (Dooidge) Hosag.**

On leaves of *Hibiscus* sp., TBGRI campus, Thiruvananthapuram, Feb. 18, 2001, V.B. Hosagoudar TBGT 413, HClO 43997; Oct. 17, 2000, V.B. Hosagoudar TBGT 357, HClO 43812.

***Asterina hopeae* Hosag.**

On leaves of *Hopea parviflora*, TBGRI campus, Thiruvananthapuram, Jan. 10, 2001, M. Kamarudeen TBGT 414, HClO 43995.

***Asterina indica* Sydow *et al.***

On leaves of *Symplocos cochinchinensis*, Agasthyamala (MPCA), Thiruvananthapuram, June 29, 2001, M. Kamarudeen TBGT 607, HClO 44298; *S. laurina*, Pongalapara, Neyyar Wildlife Sanctuary, Thiruvananthapuram, March 26, 1996, V.B. Hosagoudar TBGT 1278, HClO 45240; Mannavan shola, Munnar, Idukki, Sept. 23, 1990, C.K. Biju TBGT 1246, HClO 45210; *S. rosea*, Banasuran mala, Wyanad, June 2, 1999, C.K. Biju TBGT 1205, HClO 45150; *S. torene*, Munnar, Idukki, Nov. 18, 1998, C.K. Biju TBGT 1210, HClO 45155; *Symplocos* sp., Chemunji, Thiruvananthapuram, March 11, 1997, V.B. Hosagoudar TBGT 1173, HClO 45118; Mannavan shola, Munnar, Idukki, Jan. 5, 1999, C.K. Biju TBGT 1168, HClO 45113; Jan. 6, 1999, C.K. Biju TBGT 1209, HClO 45154; Rajamala, Munnar, Idukki, Jan. 7, 1999, C.K. Biju TBGT 1216, HClO 45161; TBGRI campus, Palode, Thiruvananthapuram, Dec. 17, 2000, C.K. Biju TBGT 1215, HClO 45160; Shendurney, Kollam, Jan. 14, 2003, V.B. Hosagoudar *et al.* TBGT 1134, HClO 45079; Gavi, Pathanamthitta, Dec. 16, 2004, V.B. Hosagoudar TBGT 1737, HClO 45973; Pachakanam, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar TBGT 1667, HClO 46255.

***Asterina jambolana* Kar & Ghosh**

On leaves of *Syzygium cumini*, TBGRI Campus, Palode, Thiruvananthapuram, Jan. 25, 2005, G.R. Archana & V.L. Sheeja TBGT 1691, HClO 45929; *Syzygium* sp., Tirunelly, Wyanad, July 13, 1998, C.K. Biju TBGT 239, HClO 42958; Mannavan shola, Munnar, Idukki, May 11, 1999, C.K. Biju TBGT 372, HClO 43810; Sept. 16, 1999, C.K. Biju TBGT 377, HClO 43815; Vandanam Sacred grove, Alapuzha, Oct. 3, 2002, A. Manoj Kumar TBGT 935, HClO 44653.

***Asterina jasmini* Hansf. var. *indica* Hosag.**

On leaves of *Jasminum* sp., Silent Valley, Munnar, Idukki, Oct. 29, 2002, S. Shiburaj TBGT 1261, HClO 45224.

***Asterina knemae-attenuatae* Hosag. et al.**

On leaves of *Knema attenuata*, Attayar, Thiruvananthapuram, March 19, 1997, V.B. Hosagoudar TBGT 513, HClO 44145; Peppara Wildlife Sanctuary, Thiruvananthapuram, Feb. 10, 1997, V.B. Hosagoudar TBGT 719, HClO 44299.

***Asterina lanneae* Hosag. & Manoj.**

On leaves of *Lannea coromandelica*, Konni, Pathanamthitta, Dec. 4, 2002, A. Manoj Kumar TBGT 1000, HClO 44719.

***Asterina lawsoniae* Henn. & Nym.**

On leaves of *Lawsonia inermis*, Peppara Wildlife Sanctuary, Thiruvananthapuram, Feb. 4, 1997, V.B. Hosagoudar TBGT 153, HClO 42539; Kolenchery, Ernakulam, Sept. 1, 2000, P.N. Krishnan TBGT 487, HClO 44073; Palode, Thiruvananthapuram, Dec. 9, 2001, K. Vijayakumar TBGT 655, HClO 44300; Plavara, Palode, Thiruvananthapuram, June 19, 2002, A. Manoj Kumar TBGT 890, HClO 44603; Konni, Pathanamthitta, Dec. 4, 2002, A. Manoj Kumar TBGT 1001, HClO 44720; Munnar, Idukki, Dec. 28, 2004, P.V. Mahanteshagowda TBGT 1594, HClO 46182; Karimancode, Palode, Thiruvananthapuram, Jan. 21, 2005, Archana et al. TBGT 1636, HClO 46224; June 3, 2005, G.R. Archana TBGT 2013, HClO 46367; TBGT 2016, HClO 46370; TBGRI Campus, Palode, Thiruvananthapuram, Jan. 25, 2005, G.R. Archana & V.L. Sheeja TBGT 1687, HClO 45925; Nov. 11, 2000, H. Biju TBGT 1864, HClO 46101.

***Asterina lepianthedis* (Hosag., Balakr. & Goos) Hosag.**

On leaves of *Lepianthes umbellata*, Sairandhri, Silent valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar et al. TBGT 1445, HClO 45698; Dec. 12, 2004, V.B. Hosagoudar et al. TBGT 1852, HClO 46089; Sairandhri, Silent valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar et al. HClO 45804, TBGT 1553.

***Asterina leptalea* Sydow**

On leaves of *Helicteres isora*, Shendurney, Kollam, Jan. 14, 2003, V.B. Hosagoudar et al. TBGT 1052, HClO 44815.

***Asterina ligustricola* Hosag. & Kamar.**

On leaves of *Ligustrum walkeri*, Periya, Wyanad, March 7, 2001, G. Rajkumar & P.A. Jose TBGT 1095, HClO 44867; *Ligustrum* sp., Pachakanam, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar et al. TBGT 1975, HClO 46329; TBGT 1929, HClO 46283; Anathodu dam site, Moozhiyar forest, Pathanamthitta, Dec. 9, 2004, V.B. Hosagoudar et al. TBGT 1600, HClO 46188; Dec. 15, 2004, V.B. Hosagoudar et al. TBGT 1853, HClO 46090.

***Asterina lobeliacearum* Hosag. & C.K.Biju**

On leaves of *Lobelia nicotianaefolia*, Vagupara, Munnar, Idukki, Jan. 22, 2003, A. Manojkumar & H. Biju TBGT 42, HClO 44855; Mannavan shola, Idukki, Jan. 6, 1999, C.K. Biju TBGT 393, HClO 43814.

***Asterina lobulifera* Sydow**

On leaves of *Glochidion* sp. (*p.p.*), Mannavan shola, Munnar, Idukki, Jan. 5, 1998, C.K. Biju TBGT 265, HClO 43362.

***Asterina melicopecola* Hosag. & Abraham**

On leaves of *Euodia luna-ankenda*, Banasuran mala, Wyanad, April 16, 1999, C.K. Biju TBGT 1202, HClO 45147; Nov. 19, 1999, C.K. Biju TBGT 1204, HClO 45149; Periya, Wyanad, Jan. 10, 2002, M. Kamarudeen TBGT 588, HClO 44301.

***Asterina memecylonis* Ryan**

On leaves of *Memecylon sylvaticum*, TBGRI campus, Palode, Thiruvananthapuram, April 24, 2002, H. Biju TBGT 872, HClO 44585.

***Asterina microtropidicola* Hosag. & C.K. Biju**

On leaves of *Pleurostyliya* sp., Sairandhri, Silent Valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar et al. TBGT 2025, HClO 46379.

***Asterina morellae* Hosag. et al.**

On leaves of *Garcinia morella*, Bonacaud, Thiruvananthapuram, March 8, 2003, G. Rajkumar TBGT 1180, HClO 45125.

***Asterina morellae* Hosag. et al.**

On leaves of *Garcinia* sp., Chemunji, Thiruvananthapuram, May 19, 1999, C.K. Biju TBGT 1245, HClO 45209; Jan. 3, 2001, G. Rajkumar TBGT 1088, HClO 44860.

***Asterina neolitsicola* Hosag. et al.**

On leaves of *Neolitsea* sp., Mannavan shola, Munnar, Idukki, Sept. 29, 1998, C.K. Biju TBGT 1314, HClO 45276.

***Asterina nothopegiae* Ryan**

On leaves of *Nothopegia aureofulva*, Attayar, Thiruvananthapuram, March 18, 1997, V.B. Hosagoudar TBGT 113, HClO 42494; *N. travancorica*, Pongalapara, Agastiar hill, Thiruvananthapuram, March 26, 1996, V.B. Hosagoudar TBGT 50, HClO 42178.

***Asterina olacicola* Hansf.**

On leaves of *Olex scandans*, Ponmudy, Thiruvananthapuram, Jan. 25, 2005, N. Mohanan & P.A. Jose TBGT 2015, HClO 46369.

***Asterina oreocnidecola* Hosag. et al.**

On leaves of *Oreocnide* sp., Sairandhri, Silent valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar et al. TBGT 1676, HClO 45914; *Sairandhri*, Silent Valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar et al. TBGT 1516, HClO 45767; TBGT 1926, HClO 46280; Dec. 14, 2003, V.B. Hosagoudar et al. TBGT 1678, HClO 45916; Gavi, Pathanamthitta, Dec. 16, 2004, V.B. Hosagoudar et al. TBGT 1938, HClO 46292; Moozhiyar forest, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar et al. TBGT 1946, HClO 46300.

***Asterina plectranthi* Hosag. et al.**

On leaves of *Plectranthus* sp., Mannavan Shola, Munnar, Idukki, May 11, 1999, C.K. Biju TBGT 1345, HClO 45184.

***Asterina pogostemonis* Petrak**

On leaves of *Pogostemon* sp., Rajamala, Idukki, Sept. 14, 1999, C.K. Biju TBGT 288, HClO 43612; *Sentellaria violacea*, Rajamala, Idukki, Jan. 7, 1999, C.K. Biju TBGT 401, HClO 43001.

***Asterina pongalaparensis* Hosag. et al.**

On leaves of *Jasminum* sp., Chemunji, Thiruvananthapuram, March 11, 1997, V.B. Hosagoudar TBGT 846, HClO 44559.

***Asterina sabiacearum* Hosag. & Goos**

On leaves of *Meliosma simplicifolia* ssp. *pungens*, Banasuranmala, Wyanad, Nov. 19, 1999, C.K. Biju TBGT 371, HClO 43804; Wyanad-periya, Dec. 26, 2002, Kamarudeen & P.A. Jose TBGT 1110, HClO 44882.

***Asterina saracae* Hosag. et al.**

On leaves of *Saraca asoka*, near S.B. College, Changanacherry, Kottayam, Dec. 9, 2002, A. Manoj Kumar TBGT 1012, HClO

44731; Peroorkada, Thiruvananthapuram, Jan. 31, 2003, G. Rajkumar TBGT 1269, HClO 45232; TBGRI campus, Palode, Thiruvananthapuram, Oct. 23, 2000, M.M. Shajivaz TBGT 488, HClO 44057; Jan. 5, 2001, H. Biju TBGT 1836, HClO 46073; Oct. 10, 2002, M. Kamarudeen & P.A. Jose TBGT 1016, HClO 44735.

***Asterina sarcandrae* Hosag. & Kamar.**

On leaves of *Sarcandra chloranthoides*, Sairandhri, Silent Valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar *et al.* TBGT 1993, HClO 46347.

***Asterina tertia* Racib.**

On leaves of *Adathoda vasica*, Kunnankulam, Sept. 13, 1999, C.K.Biju TBGT 275, HClO 43454; Haripad, Dec. 22, 2000, M. Kamarudeen HClO 44132, TBGT 523; Palode, Thiruvananthapuram, July 7, 2002, A. Manojkumar TBGT 806, HClO 44520; Wagamon, Kottayam, Dec. 5, 2002, A. Manoj Kumar HClO 44716, TBGT 997; Housing Board, Nedumangad, Thiruvananthapuram, July 28, 2003, P.V. Mahanteshagowda 45072, TBGT 1127; *A. beddomei*, Kannur, Oct. 25, 2002, M.Rajendraprasad TBGT 921, HClO 44639; *Adhathoda* sp., Palode, Thiruvananthapuram, Dec. 2, 1998, K. Anilkumar HClO 44058, TBGT 489; *Doitachanthus albifloris*, Palode, Thiruvananthapuram, Jan. 29, 2002, M. Kamarudeen HClO 44303, TBGT 731; *Asystasia* sp., Karakulam, Thiruvananthapuram, April 7, 2003, G. Rajkumar 45091, TBGT 1146; Acanthaceae member, Rajamala, Munnar, Idukki, Jan. 7, 1999, C.K. Biju TBGT 1139, HClO 45084; (*Rungia* ?), Mattupetty, Munnar, Idukki, Jan. 24, 2003, A. Manoj Kumar & H. Biju HClO 44889, TBGT 1117.

***Asterina tertia* Racib. var. *africana* Doidge**

On leaves of *Adhathoda vasica*, Vaikkom, Ernakulam, Feb. 8, 1997, Shiburaj TBGT 154, HClO 42538; Haripad, Dec. 22, 2000, M. Kamarudeen TBGT 523, HClO 44132; Wagamon, Kottayam, Dec. 5, 2002, A. Manoj Kumar, 997, 44716; Housing Board, Nedumangad, Thiruvananthapuram, July 28, 2003, P.V. Mahanteshagowda HClO 45072; TBGRI Campus, Palode, Jan. 25, 2005, G.R. Archana & V.L. Sheeja TBGT 1686, HClO 45924; March 2, 2005, Archana *et al.* TBGT 1767, HClO 46003; *A. beddomi*, TBGRI campus, Palode, Jan. 5, 2001, H. Biju TBGT 1868, HClO 46105; Kusavoor, Palode, Thiruvananthapuram, Sept. 22, 2002, A. Manoj Kumar TBGT 911, HClO 44629; *A. zeylanica*, TBGRI campus, Palode, Jan. 5, 2001, H. Biju TBGT 1872, HClO 46109; *Adhathoda* sp., Palode, Thiruvananthapuram, Dec. 2, 1998, K.Anilkumar TBGT 489, HClO 44058; Anchal, Kollam, Nov. 22, 2001, M.M.Shajivaz TBGT 616, HClO 44302; Vazhachal, Trissur, Oct. 23, 2002, H. Biju & A. Manojkumar TBGT 947, HClO 44665; *Asystasia* sp., TBGRI campus, Thiruvananthapuram, Jan. 10, 2001, G. Rajkumar TBGT 1186, HClO 45131; Karakulam, Thiruvananthapuram, April 7, 2003, G. Rajkumar TBGT 1146, HClO 45091; *Barleria involucreta*, Mannavan shola, Munnar, Idukki, Jan. 5, 1999, C.K. Biju TBGT 1208, HClO 45153; *Doitachanthus albifloris*, Palode, Thiruvananthapuram, Jan. 9, 2002, M.Kamarudeen TBGT 731, HClO 44303; *Justicia betonica*, Sankali forest, Kollam, Nov. 23, 2004, V.B. Hosagoudar TBGT 1787, HClO 46023; TBGT 1620, HClO 46208; TBGT 1628, HClO 46216; Acanthaceae member, Mattupetty, Munnar, Idukki, Jan. 24, 2003, A. Manoj Kumar & H. Biju TBGT 1117, HClO 44889 (*Rungia* ?); Mannavan Shola,

Idukki, Sept.23, 1998, C.K.Biju TBGT 218, HClO 42935; on the way to Vazhachal, Trissur, Oct. 23, 2002, H. Biju & A. Manojkumar TBGT 961, HClO 44680.

***Asterina theacearum* Hosag. *et al.***

On leaves of *Eureya japonica*, Poopara, Munnar, Idukki, Jan. 23, 2003, H. Biju & A. Manoj Kumar TBGT 1081, HClO 44844; *Eurya* sp., Mannavan shola, Munnar, Idukki, Sept. 16, 1999, C.K. Biju TBGT 1328, HClO 45290; *Gordonia* sp., Vagupara, Munnar, Idukki, Jan. 2, 2003, A. Manoj Kumar & H. Biju TBGT 1255, HClO 45218.

***Asterina theae* Yamam.**

On leaves of *Thea sinensis*, Bonacaud Estate, Thiruvananthapuram, March 11, 1997, V.B. Hosagoudar TBGT186.

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

On leaves of *Thottea ponmudiana*, Attayar, Thiruvananthapuram, March 20, 1997, V.B. Hosagoudar TBGT 557, HClO 44162; Bonacaud, Thiruvananthapuram, Oct. 23, 2001, G. Rajkumar TBGT 1270, HClO 45233; *T. siliquosa*, Attayar, Thiruvananthapuram, March 18, 1997, V.B. Hosagoudar TBGT 417, HClO 43970; TBGRI campus, Palode, Thiruvananthapuram, March 7, 2001, H. Biju TBGT 1834, HClO 46071; Shendurney, Kollam, Jan. 14, 2003, V.B.Hosagoudar TBGT 1086, HClO 44849; *T. sivarajini*, Periya, Wyand, Dec. 27, 2002, M. Kamarudeen & P.A. Jose TBGT 1037, HClO 44800; Chembra hills, Wyand, April 14, 1999, C.K. Biju TBGT 374, HClO 43811.

***Asterina toddaliae* Kar & Maity**

On leaves of *Toddalia* sp., Anathode dam site, Moozhiyar forest, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar *et al.* TBGT 1805, HClO 46042.

***Asterina triumfeticola* Yamam.**

On leaves of *Triumfetta* sp., Sankali forest, Kollam, Nov. 23, 2004, V.B. Hosagoudar HClO 46213, TBGT 1625; Dec. 27, 2001, V.B. Hosagoudar TBGT 679, HClO 44304; TBGT 681, HClO 44305.

***Asterina wrightiae* Sydow**

On leaves of *Wrightia tinctoria*, Kombe, Thiruvananthapuram, Feb. 18, 1997, V.B. Hosagoudar TBGT 156, HClO 42540; Peppara Wildlife Sanctuary, Thiruvananthapuram, Feb. 4, 1997, V.B. Hosagoudar TBGT 155, HClO 42537; Vazhachal, Trissur, Oct. 23, 2002, H. Biju & A. Manoj Kumar TBGT 962, HClO 44681; on the way to Vazhachal, Trissur, Oct. 23, 2002, H. Biju & A. Manojkumar TBGT 948, HClO 44666; Placherry forest, Ranni, Pathanamthitta, Oct. 4, 2002, A. Manoj Kumar TBGT 937.

***Asterina* sp.**

On leaves of *Syzygium* sp., Chembra, Wyand, Sept. 14, 1999, C.K.Biju TBGT 1325, HClO 45287; *Eugenia thwaitesii*, Athirumala, Thiruvananthapuram, March 3, 1996, V.B. Hosagoudar TBGT 1240, HClO 45204; *Ixora* sp., Bonacaud, Thiruvananthapuram, March 8, 2003, G. Rajkumar TBGT 1228, HClO 45192; *Litsea* sp., Wyand, July 12, 2002, M. Kamarudeen TBGT 1296, HClO 45258; *Pavetta tomentosa*, Kombe, Thiruvananthapuram, Feb. 18, 1997, V.B. Hosagoudar TBGT 1162, HClO 45107; Rubiaceae member, Mannavan shola, Munnar, Idukki, Jan. 6, 1999, C.K. Biju TBGT 1169, HClO 45114; *Solanum* sp., Vagupara, Munnar, Idukki, Jan. 22, 2003, H. Biju & A. Manojkumar TBGT 1077, HClO 44840; *Syzygium calophyllum*, Periya, Wyand, March

7, 2001, G. Rajkumar & P.A. Jose TBGT 1172, HCIO 45117; *S. caryophyllatum*, Wyanad-periya, Wyanad, Dec. 22, 2002, Kamarudeen & P.A. Jose TBGT 1109, HCIO 44881; *S. mundakam*, Attayar, Thiruvananthapuram, March 18, 1997, V.B. Hosagoudar TBGT 1222, HCIO 45167; *S. travancorium*, Tenmala, Kollam, V.B. Hosagoudar *et al.* TBGT 1115, HCIO 44887; *Syzygium* sp., Arboretum, TBGRI, Palode, Thiruvananthapuram, Jan. 23, 2001, H. Biju TBGT 2009, HCIO 46363; Banasuran mala, Wyanad, Nov. 19, 1998, C.K. Biju TBGT 1323, HCIO 45285; Chandanathode forest, Wyanad, Jan. 8, 2002, M. Kamarudeen & P.A. Jose TBGT 1220, HCIO 45165; forest area near Kusavoor, Palode, Thiruvananthapuram, Nov. 16, 2002, A. Manoj Kumar TBGT 1040, HCIO 44803; Kakki dam site, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar *et al.* TBGT 2021, HCIO 46375; Mannavan shola, Munnar, Idukki, May 11, 1996, C.K. Biju TBGT 1243, HCIO 45207; Moozhiyar forest, KSEB, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* TBGT 1713, HCIO 45949; Moozhiyar forest, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* TBGT 1670, HCIO 46258; Opposite to Tata School, Munnar, Idukki, Dec. 19, 2001, S. Shiburaj TBGT 1219, HCIO 45164; Pachakanam, Pathanamthitta, Dec. 15, 2004, V.B. Hosagoudar TBGT 1985, HCIO 46339; Sairandhri, Silent valley, Palghat, Dec. 13, 2003, V.B. Hosagoudar *et al.* TBGT 1506, HCIO 45757; Wyanad, Jan. 8, 2001, M. Kamarudeen TBGT 1175, HCIO 45120; *Litsea stocksii*, Kombe, Meenmutty, Thiruvananthapuram, March 9, 1996, V.B. Hosagoudar HCIO 45257, TBGT 1295; *Litsea* sp., Moozhiyar, Pathanamthitta, Dec. 14, 2004, V.B. Hosagoudar *et al.* HCIO 46265, TBGT 1911; Sairandhri, Silent valley, Palghat, Dec. 12, 2003, V.B. Hosagoudar *et al.* TBGT 1947, HCIO 46301.

***Balansia caricis* Hosag.**

On leaves of *Carex filicina*, Mannavan shola, Idukki, Sept. 23, 1998, C.K. Biju TBGT 243, HCIO 42949; *C. becanis*, Gravel Banks, Munnar, Idukki, Oct. 10, 2001, S. Shiburaj TBGT 603, HCIO 44310.

***Balladyna rubiacearum* Hosag.**

On leaves of *Tarenna monosperma*, Attayar, Neyyar Wildlife Sanctuary, Thiruvananthapuram, March 18, 1997, V.B. Hosagoudar TBGT 1299, HCIO 45262.

***Balladynocallia glabra* (Hansf.) Batista**

On leaves of *Ixora malabarica*, Aryankavu, Kollam, Dec. 3, 2000, G. Rajkumar TBGT 420, HCIO 44010; *Ixora* sp., TBGRI Campus, Thiruvananthapuram, June 15, 2005, M. Navas TBGT 2034; *Plectronia* sp., Mannavan shola, Munnar, Idukki, Jan. 21, 2003, A. Manoj Kumar & H. Biju TBGT 1171, HCIO 45116.

***Balladynocallia* sp.**

On leaves of *Ixora* sp., TBGRI Campus, Thiruvananthapuram, Jan. 18, 2001, H. Biju TBGT 2038.

***Balladyna rubiacearum* Hosag.**

On leaves of *Pavetta* sp., Vandanam Sacred grove, Alapuzha, Oct. 3, 2002, A. Manoj Kumar TBGT 1107, HCIO 44879; *Tarenna monosperma*, Karadimala, Thiruvananthapuram, March 28, 1996, V.B. Hosagoudar TBGT 1242, HCIO 45206; *Tarenna* sp., Attayar, Thiruvananthapuram, March 19, 1997, V.B. Hosagoudar TBGT 700, HCIO 44312.

***Balladyna negri* (Cast.) Ellis**

On leaves of *Randia* sp., TBGRI campus, Thiruvananthapuram, Nov. 29, 2000, T. Sabu TBGT 533, HCIO 44149.

***Basavamyces litseae* Hosag. *et al.***

On leaves of *Litsea* sp., Mannavan shola, Idukki, Sept. 16, 1999, C.K. Biju TBGT 334, HCIO 43674.

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