

## HISTORICAL REVIEW OF INDIAN ALYSIINAE AND OPIINAE

Considerable work on the systematics of Indian Alysinae and Opiinae has been done and in all one hundred and four species spread over nineteen genera have been described from India. The contributions of various authors is presented here in a chronological order:

- 1903          Cameron: He has described *Celiestiella testaceipes* as a new species from India and probably this was the oldest described species of subfamily Opiinae from India.
- 1913          Viereck: Described *Asobara orientalis* from India. Probably this was the oldest described species of subfamily Alysinae from India.
- 1913          Viereck: He has described *Diachasmimorpha comperei* as a new species from India.
- 1916          Silvestri: Described three new species viz., *Opius incisi* (= *Psytallia incisi*), *Opius fletcheri* (= *Psytallia fletcheri*), *Opius carpomyiae* (= *Fopius carpomyiae*) from India.
- 1951          Fullaway: Described three new species viz., *Opius bianchii* [= *Opius (Utetes) bianchii*], *Opius manii* [= *Opius (Utetes) manii*] and *Opius oophilus* [= *Biosteres (Chilotrichia) oophilus*] from India.
- 1963          Fischer: Described *Opius phaseoli* as a new species from India.
- 1966          Fischer: His contribution is a significant revisionary work on Indo-Australian Opiinae. Described nine new species of the genera *Bitomus* (*B. hemicoriaceus*), *Indiopus* (*I. humillimus*) and *Opius* (*Opius barraudi*, *O. contrahens*, *O. delhianus*, *O. indianus*, *O. matheranus*, *O. raoi*, *O. travancorensis*) from India, and provide a key and checklist to the Indo-Australian species of the genera

- Austroopius, Bitomus, Indiopius, Opius* and *Orientopius*.
- 1971 Fischer: Published catalogue of world opiinae.
- 1972-1987 Fischer: Fischer published a series of monographs covering American, Australian, Ethiopian, Oceanic, Oriental and Palaeartic regions. He has revised the entire subfamily Opiinae from the world. He (1987) synonymized six species from India viz.,
- Biosteres compensans* [=*Biosteres* (*Chilotrichia*) *longicaudatus*], *Celiestiella testaceipes* [=*Biosteres* (*Biosteres*) *testaceipes*], *Diachasmimorpha comperei* [=*Biosteres* (*Chilotrichia*) *albobalteatus*], *Opius kashmirensis* [=*Biosteres* (*Biosteres*) *kashmirensis*], *opius oophilus* [=*Biosteres* (*Chilotrichia*) *oophilus*], *opius persulcatus* [=*Biosteres* (*Chilotrichia*) *persulcatus*]. He also redescribed eleven species of the genus *Opius* and placed under the following subgenera from India viz., *Opius* (*Opiothorax*) *barraudi*, *Opius* (*Utetes*) *bianchii*, *Opius* (*Gastrosema*) *contrahens*, *Opius* (*Nosopaeopius*) *delhianus*, *Opius* (*Utetes*) *indianus*, *Opius* (*Utetes*) *manii*, *Opius* (*Opiostomus*) *matheranus*, *Opius* (*Utetes*) *mudigerensis*, *Opius* (*Phaedrotoma*) *phaseoli*, *Opius* (*Opius*) *raoi*, *Opius* (*Phaedrotoma*) *travancorensis*. Further, he (1987) also transferred five Indian species from various genera viz., *Celiestiella testaceipes* to *Biosteres* (*Biosteres*) *testaceipes*, *Coleopius hemicoriaceus* to *Bitomus hemicoriaceus*, *Opius kashmirensis* to *Biosteres* (*Biosteres*) *kashmirensis*, *Opius oophilus* to *Biosteres* (*Chilotrichia*) *oophilus*, *Opius persulcatus* to *Biosteres* (*Chilotrichia*) *persulcatus* as a new combination.
- 1974 Shenefelt: Published catalogue of world Alysiinae.
- 1978 Papp: Transferred genus *Bitomus* Szépligeti from subfamily Cheloninae to subfamily Opiinae and represented

- Bitomus* as a senior synonym name over *Coleopius*.
- 1978 Sharma: Described three new species from India viz., *Aspilota cubitalaris*, *Acrobela dalhousiensis* (= *Tanycarpa dalhousiensis*) and *Alysia nigriæ* (= *Idiasta nigriæ*).
- 1979a Bhat: Described twelve new species of the genus *Phaenocarpa* from India viz., *Phaenocarpa abbreviata*, *P. similis*, *P. sikkimensis*, *P. superficialis*, *P. antislucata*, *P. shiva*, *P. kashmirensis*, *P. lobidentis*, *P. cracentis*, *P. tridentata*, *P. minutus*, *P. jawahari*. She also recorded *Phaenocarpa cameroni*, *P. magna* and *P. nitida* for the first time from India and provide a key to the oriental species of the genus *Phaenocarpa*.
- 1979b Bhat: Described twelve new species of the genus *Aspilota* from India viz., *Aspilota minuta*, *A. marshi*, *A. himachali*, *A. bengalensis*, *A. sikkimensis*, *A. indica*, *A. brunneus*, *A. bovefemora*, *A. longiflagellata*, *A. sandaraca*, *A. nigra*, *A. magna*.
- 1980a Bhat: Described a new genus *Eurymeros* with its type species *Eurymeros tumespiraculum* sp.nov. under the subfamily Alysinae from India.
- 1980b Bhat: Described *Cratospila curvabilis* as a new species from India.
- 1980 Fischer: Described *Opius (Utetes) mudigerensis* as a new species from India.
- 1982 Papp: Described *Opius (Utetes) tolerans* as a new species from India.
- 1983 Papp: Described three new species from India viz., *Biosteres (Biosteres) townesi*, *Opius (Apodesmia) marjorieae* and *Opius (Utetes) townesianus*.
- 1983 Sharma: Described two new species from India viz., *Eurymeros gibbosa* and *Eurymeros mangifere*.
- 1985 Papp: Described six new species of genus *Opius* from India viz., *Opius (Utetes) nadus*, *Opius (Utetes) pestes*, *Opius*

*(Utetes) suppurus*, *Opius (Utetes) topali*, *Opius (Nosopoea) propecubitalis*, and *Opius (Nosopoea) remissus*.

- 1991 Fischer: Redescribed *Biosteres (Biosteres) townesi* from India.
- 1991 Fischer: Redescribed five species of genus *Opius* from India viz., *Opius (Apodesmia) marjorieae* Papp, *Opius (Apodesmia) nadius* Papp [= *Opius (Utetes) nadius*], *Opius (Utetes) pestes* Papp, *Opius (Nosopoea) propecubitalis* Papp and *Opius (Utetes) townesianus* Papp.
- 1993 Fischer: Redescribed and discussed the taxonomic position of four species of genus *Phaenocarpa* from India viz., *Phaenocarpa kashmirensis* Bhat, *shiva* Bhat, *similis* Bhat and *tridentate* Sharma.
- 1994a Fischer: Revised Indian species of *Aspilota*-group. The following species of genus *Aspilota* are redescribed viz., *Aspilota brunneus* Bhat, *indica* Bhat, *longiflagellata* Bhat, *sikkimensis* Bhat. He also redescribed following species and transferred them from genus *Aspilota* to *Dinotrema* as a new combination viz., *Dinotrema bengalensis* (Bhat), *D. bovefemora* (Bhat), *D. himachali* (Bhat), *D. magna* (Bhat), *D. marshi* (Bhat), *D. minuta* (Bhat), *D. nigra* (Bhat) and *D. sandaraca* (Bhat).
- 1994b Fischer: Redescribed and transferred three species of genus *Phaenocarpa* to *Alysiasta* and *Idiasta* as a new combination viz., *Alysiasta abbreviata* (Bhat), *Alysiasta sikkimensis* (Bhat) and *Idiasta superficialis* (Bhat).
- 1996 Fischer: Described two new species viz., *Opius (Gastrosema) keralaicus* and *Opius (Utetes) sumodani* from India.
- 1997 Wharton: Transferred two species viz., *Opius carpomyiae* to *Fopius carpomyiae* and *Biosteres vandenboschi* to *Fopius vandenboschi*.
- 1998 Kurhade and Described *Biosteres (Biosteres) sahyadrensis* as a new species from India.

- Nikam
- 2000 Fischer: Revived the status of *Diachasmimorpha comperei* which was previously synonymized with *Biosteres (Chilotrichia) albopalteatus* by Fischer (1987). He also described *Opius (Utetes) pronoticus* as a new species from India and redescribed one species viz., *Biosteres (Biosteres) testaceipes* (Cameron).
- 2001 Kurhade and Nikam: Described *Opius (Utetes) fischeri* as a new species from India. Translated version of key from German to English to the species of subgenus *Utetes* is also provided.
- 2002 Wharton: Transferred one species from genus *Alysia* to *Idiasta* as a new combination viz., *Idiasta nigriai* (Sharma) while revising the Australian Alysiini.
- 2005 Fisher: Described three new species from India viz., *Eurytenes (Stigmatopoea) multicellis*, *Opius (Gastrosema) krishnagarensis* and *Opius (Gastrosema) vicinigundae*.