

OPINION 2050 (Case 3189)

Ammotrecha* Banks, 1900 and *Ammotrechula* Roewer, 1934 (Arachnida, Solifugae): usage conserved by the designation of *Galeodes limbata* Lucas, 1835 as the type species of *Ammotrecha*; and *Eremobates* Banks, 1900 and *Eremorhax* Roewer, 1934: usage conserved by the designation of *Galeodes pallipes* Say, 1823 as the type species of *Eremobates

Abstract. The Commission has conserved the accustomed usage of (1) the generic names *Ammotrecha* Banks, 1900 and *Ammotrechula* Roewer, 1934 for two genera of camel spiders or sun spiders from Central America and Mexico (Arachnida, Solifugae) by designation of *Galeodes limbata* Lucas, 1835 as the type species of *Ammotrecha*, and (2) the generic names *Eremobates* Banks, 1900 and *Eremorhax* Roewer, 1934 for two genera of solifuges from the southern United States and Mexico by the designation of *Galeodes pallipes* Say, 1823 as the type species of *Eremobates*.

Keywords. Nomenclature; taxonomy; Arachnida; Solifugae; Solpugida; AMMOTRECHIDAE; EREMOBATIDAE; *Ammotrecha*; *Ammotrechula*; *Eremobates*; *Eremorhax*; *Ammotrecha limbata*; *Ammotrechula saltatrix*; *Eremobates pallipes*; *Eremorhax formidabilis*; solifuges; solpugids; camel spiders; sun spiders; Central America; North America; Mexico.

Ruling

- (1) Under the plenary power all previous fixations of type species for the following nominal genera are hereby set aside:
 - (a) *Ammotrecha* Banks, 1900 (= *Cleobis* Simon, 1879) before the designation by Pocock (1902) of *Galeodes limbata* Lucas, 1835;
 - (b) *Eremobates* Banks, 1900 (= *Datames* Simon, 1879) before the designation by Roewer (1934) of *Galeodes pallipes* Say, 1823.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Ammotrecha* Banks, 1900 (gender: feminine), type species by subsequent designation by Pocock (1902) *Galeodes limbata* Lucas, 1835, as ruled in (1)(a) above;
 - (b) *Ammotrechula* Roewer, 1934 (gender: feminine), type species by original designation *Cleobis saltatrix* Simon, 1879;
 - (c) *Eremobates* Banks, 1900 (gender: masculine), type species by subsequent designation by Roewer (1934) *Galeodes pallipes* Say, 1823, as ruled in (1)(b) above;
 - (d) *Eremorhax* Roewer, 1934 (gender: masculine), type species by monotypy *Datames magna* Hancock, 1888.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:

- (a) *limbata* Lucas, 1835, as published in the binomen *Galeodes limbata* (specific name of the type species of *Ammotrecha* Banks, 1900);
 - (b) *saltatrix* Simon, 1879, as published in the binomen *Cleobis saltatrix* (specific name of the type species of *Ammotrechula* Roewer, 1934);
 - (c) *pallipes* Say, 1823, as published in the binomen *Galeodes pallipes* and as defined by the neotype designated by Brookhart & Muma (1981) (specific name of the type species of *Eremobates* Banks, 1900);
 - (d) *magna* Hancock, 1888, as published in the binomen *Datames magna* (specific name of the type species of *Eremorhax* Roewer, 1934).
- (4) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
- (a) *Cleobis* Simon, 1879 (Solifugae) (a junior homonym of *Cleobis* Dana, 1847);
 - (b) *Datames* Simon, 1879 (Solifugae) (a junior homonym of *Datames* Stål, 1875).

History of Case 3189

An application to conserve four genera of camel spiders or sun spiders (Arachnida, Solifugae) from Central America, the southern United States and Mexico was received from Mark S. Harvey (*Department of Terrestrial Invertebrates, Western Australian Museum, Perth, Western Australia, Australia*) on 28 January 2001. After correspondence the case was published in BZN 58: 196–201 (September 2001). The title, abstract and keywords of the case were published on the Commission's website. No comments on this case were received.

Decision of the Commission

On 1 March 2003 the members of the Commission were invited to vote on the proposals published in BZN 58: 199–200. At the close of the voting period on 1 June 2003 the votes were as follows: 23 Commissioners voted FOR the proposals, 1 Commissioner (Minelli) voted AGAINST, no vote was received from Böhme.

Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

- Ammotrecha* Banks, 1900, *American Naturalist*, **34**: 426.
Ammotrechula Roewer, 1934, *Klassen und Ordnungen des Tierreichs*, Band 5 (Arthropoda), Abt. 4 (Arachnoidea), p. 600.
Cleobis Simon, 1879, *Annales de la Société Entomologique de France*, (5)9: 145.
Datames Simon, 1879, *Annales de la Société Entomologique de France*, (5)9: 133.
Eremobates Banks, 1900, *American Naturalist*, **34**: 426.
Eremorhax Roewer, 1934, *Klassen und Ordnungen des Tierreichs*, Band 5 (Arthropoda), Abt. 4 (Arachnoidea), p. 553.
limbata, *Galeodes*, Lucas, 1835, *Magasin de Zoologie*, **5**: Classe VIII, plate 5, text.
magna, *Datames*, Hancock, 1888, *Proceedings of the American Philosophical Society*, **25**: 107.
pallipes, *Galeodes*, Say, 1823, *Account of an expedition from Pittsburgh to the Rocky Mountains, performed in the years 1819 and '20, by order of the Hon. J.C. Calhoun, Sec'y of War: under the command of Major Stephen H. Long*, vol. 2, p. 3, footnote.
saltatrix, *Cleobis*, Simon, 1879, *Annales de la Société Entomologique de France*, (5)9: 146.

The following are the references for the designation of type species for:

Annotrecha Banks, 1900—*Galeodes limbata* Lucas, 1835:

Pocock, R.I. 1902. Arachnida: Scorpiones, Pedipalpi, and Solifugae. *Biologia Centrali-Americana*, 3: 64.

Eremobates Banks, 1900—*Galeodes pallipes* Say, 1823:

Roewer, C.F. 1934. *Klassen und Ordnungen des Tierreichs*, Band 5 (Arthropoda), Abt. 4 (Arachnoidea), p. 555.

The following is the reference for the designation of the neotype of *Galeodes pallipes* Say, 1833:

Brookhart, J.O. & Muma, M.H. 1981. *Florida Entomologist*, 64: 292.