Family TANYDERIDAE

Tanyderids are found worldwide and comprise 42 living species and 6 fossil species. The immature stages of the extant species are aquatic to semiaquatic including association with wet sandy soil and the outer layers of submerged rotting logs in streams. Adult males sometimes congregate in large swarms in evenings; spending the daylight hours in among the riparian vegetation near the borders of streams.

In addition to the determined forms listed below, Kalugina (1992) mentioned an undescribed tanyderid from the Upper Jurassic deposits of Kazakhstan. Ross & Jarzembowski (1993: 408) recorded the family from the Triassic, probably based on unpublished information.

Ref.: Crampton (1926, morphology of *Macrochile spectrum*); Alexander (1931, taxonomy of *Macrochile*).

Genus MACROCHILE Loew

MACROCHILE Berendt, 1845: 57. *Nomen nudum.*
MACROCHILE Bronn, 1847: 597. *Nomen nudum.*
MACROCHILE Loew, 1850*b*: 37. Type species: *Macrochile spectrum* Loew, 1850, by monotypy.
IDIOPLASTA, authors, not Osten Sacken, 1878, misidentification.

spectrum Loew, 1850*b*: 37. PA: Baltic Region (Eocene/Oligocene) [A].

Genus PRAEMACROCHILE Kalugina

PRAEMACROCHILE Kalugina *in* Kalugina & Kovalev, 1985: 35. Type species: *Praemacrochile stackelbergi* Kalugina, 1985, by original designation.

stackelbergi Kalugina *in* Kalugina & Kovalev, 1985: 36. PA: Russia (Siberia) (Middle/Upper Jurassic) [C].

Genus PROTANYDERUS Handlirsch

***PROTANYDERUS** Handlirsch, 1909: 270.: 81. Type species: *Protoplasa vipio* Osten Sacken, 1877, by monotypy.

mesozoicus Kalugina, 1988: 81. PA: Mongolia (Upper Jurassic/Lower Cretaceous) [C].

senilis Kalugina, 1992: 112 (1993: 144). PA: Mongolia (Upper Jurassic) [C].
vetus Kalugina, 1992: 111 (1993: 142). PA: Mongolia (Upper Jurassic) [C].

Unplaced Species of TANYDERIDAE

admirandus Kalugina *in* Kalugina & Kovalev, 1985: 36 ("Tanyderites"). PA: Russia (Siberia) (Upper Jurassic) [C].

admirantus. Incorrect original spelling of *admirandus* (Kalugina *in* Kalugina & Kovalev, 1985: 34).