

Family PROTOBIBIONIDAE

Protobibionids are an extinct family of nematocerous Diptera known only from the Upper Jurassic deposits of the Karatau, Kazakhstan (Kimmeridgian) and the Laiyang Basin, China (Tithonian).

Hennig *in* Brundin (1972: 76) contended that *Protobibio jurassicus* Rohdendorf belonged to the chironomid subfamily Podonominae. However, Hennig based his conjecture on figures of Rohdendorf's fossils, and had not examined the actual specimens. His hypothesis may be valid, but given the known inaccuracy of Rohdendorf's drawings, should be taken with caution until Rohdendorf's fossils can be reexamined. Ashe (1983) listed the genus as "Incertae sedis." Since those authors, Zhang *et al.* (1986) added a second species to the genus. It is not known if this generic placement is correct and is provisionally listed here pending further study.

Ref.: Rohdendorf (1964, review and classification).

Genus PROTOBIBIO Rohdendorf

PROTOBIBIO Rohdendorf, 1946: 47. Type species: *Protobibio jurassicus* Rohdendorf, 1946, by original designation.

jurassicus Rohdendorf, 1946: 48. PA: Kazakhstan (Upper Jurassic) [C].

orientalis Zhang *et al.*, 1986: 29. PA: China (Upper Jurassic) [C].