

Family PROTOPLECIIDAE

The Protopleciidae were originally proposed for the genera *Protoplecia* Handlirsch, *Mesoplecia* Rohdendorf, and *Mesopleciella* Rohdendorf. Kovalev (1987) revised the generic composition by transferring genera from Pleciofungivoridae to this family. Fourteen species of the pleciofungivorid genus *Rhaetofungivora* Rohdendorf were transferred to this family by Kovalev (1987), but he failed to assign them to any genus. They are placed here under unplaced species. In addition to the taxa listed below, Kovalev (1990) recorded and illustrated an undetermined specimen of this family from the Jurassic of Transbaikalia.

Crosskey (1988) placed *Simulidium priscum* in this family. However, the type specimen cannot be found (A. Borkent, *in litt.*) and its placement here can only be considered provisional until further study can be conducted on this enigmatic taxon to verify its placement.

Ref.: Kovalev (1987, review of taxa).

Genus ARCHIPLECIOMIMA Rohdendorf

ARCHIPLECIOMIMA Rohdendorf, 1962: 321 (1991: 469). Type species: *Archipleciomima obtusipennis* Rohdendorf, 1962, by original designation.

brevicornis Kovalev *in* Kalugina & Kovalev, 1985: 129. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

defectiva Kovalev *in* Kalugina & Kovalev, 1985: 130. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

longicornis Kovalev, *in* Kalugina & Kovalev 1985: 128. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

obtusipennis Rohdendorf, 1962: 321 (1991: 469). PA: Kirghizistan (Lower Jurassic) [C].

Genus DYSPOLYNEURA Rohdendorf

DYSPOLYNEURA Rohdendorf, 1961: 96. Type species: *Dyspolyneura longipennis* Rohdendorf, 1961, by original designation.

longipennis Rohdendorf, 1961: 96. PA: Kirghizistan (Lower Jurassic) [C].

Genus HEBEIPLECIA Hong

HEBEIPLECIA Hong, 1983: 214. Type species: *Hebeiplecia brunnea* Hong, 1983, by original designation.

HEBEIPLACIA. Incorrect original spelling of *Hebeiplecia* (Hong, 1983: 128).

brunnea Hong, 1983: 128. PA: China (Upper Jurassic) [C].

Genus MESOPLECIA Rohdendorf

MESOPLECIA Rohdendorf, 1938: 49. Type species: *Mesoplecia jurassica* Rohdendorf, 1938, by original designation.

jurassica Rohdendorf, 1938: 49. PA: Kazakhstan (Upper Jurassic) [C].

oleynikovi Kovalev, 1990: 150. PA: Russia (Siberia) (Upper Jurassic) [C].

sibirica Kovalev in Kalugina & Kovalev, 1985: 132. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

stigma Rohdendorf, 1964: 228 (1974: 256). PA: Kazakhstan (Upper Jurassic) [C].

stigma Rohdendorf, 1962: 329, fig. 1060. *Nomen nudum*.

xinboensis Hong, 1984b: 176. PA: China (Upper Jurassic) [C].

Genus PALAEOHESPERINUS Rohdendorf

PALAEOHESPERINUS Rohdendorf, 1962: 323 (1991: 469). Type species: *Palaeohesperinus longipennis* Rohdendorf, 1962, by original designation.

guidongensis Lin, 1986: 87. PA: China (Lower Jurassic) [C].

longipennis Rohdendorf, 1962: 323 (1991: 469). PA: Kirghizistan (Lower Juras-sic) [C].

Genus PARAOLIGUS Lin

PARAOLIGUS Lin, 1976: 110. Type species: *Paraoligus exilis* Lin, 1976, by original designation.

PAROLIGUS. Incorrect original spelling of *Paraoligus* (Lin, 1976: pl. 2, fig. 1).

exilis Lin, 1976: 110. PA: China (Upper Jurassic) [C]; PA: China (Middle Jur-assic) [C].

Genus PHRAGMOLIGONEURA Rohdendorf

PHRAGMOLIGONEURA Rohdendorf, 1962: 332 (1991: 483). Type species *Phragmologoneura incerta* Rohdendorf, 1962, by original designation.

incerta Rohdendorf, 1962: 332 (1991: 483). PA: Kirghizistan (Lower Jurassic) [C].

Genus PLECIOMYIA Handlirsch

PLECIOMYIA Handlirsch, 1939: 161. Unavailable name; genus-group name proposed after 1930 without diagnosis, indication, or description. [Pre-occupied by Brunetti, 1911.]

pachygaster Handlirsch, 1939: 161. *Nomen nudum*.

Genus PLECIOPSIS Hong

PLECIOPSIS Hong, 1983: 129. Type species: *Pleciopsis longa* Hong, 1983, by original designation.

longa Hong, 1983: 129. PA: China (Middle Jurassic) [C].

Genus PROTALLACTONEURA Rohdendorf

PROTALLACTONEURA Rohdendorf, 1962: 321 (1991: 468). Type species: *Protallactoneura turanica* Rohdendorf, 1962, by original designation.

turanica Rohdendorf, 1962: 321 (1991: 468). PA: Kirghizistan (Lower Jurassic) [C].

Genus PROTOPLECIA Handlirsch

PROTOPLECIA Handlirsch, 1906a: 488. Type species: *Macropeza liasina* Geinitz, 1884, by monotypy.

hattorfensis Bode, 1953: 300. PA: Germany (Lower Jurassic) [C].

liasina Geinitz, 1884: 582 (*Macropeza*). PA: Germany (Lower Jurassic) [C].

Genus PSEUDOPLECIA Hong & Wang

PSEUDOPLECIA Hong & Wang, 1990: 146. Type species: *Pseudoplecia ovata* Hong & Wang, 1990, by original designation.

ovata Hong & Wang, 1990: 147. PA: China (Upper Jurassic) [C].

Genus RHAETOFUNGIVORELLA Rohdendorf

RHAETOFUNGIVORELLA Rohdendorf, 1962: 320 (1991: 467). Type species: *Rhaetofungivorella subcosta* Rohdendorf, 1962, by original designation.

analis Rohdendorf, 1964: 173 (1974: 189). PA: Kirghizistan (Lower Jurassic) [C].
analis Rohdendorf, 1962: 321, fig. 1012 (1991: 465). *Nomen nudum*.

medialis Rohdendorf, 1964: 173 (1974: 188). PA: Kirghizistan (Lower Jurassic) [C].

sectoralis Rohdendorf, 1964: 172 (1974: 187). PA: Kirghizistan (Lower Jurassic) [C].

subcosta Rohdendorf, 1962: 320 (1991: 467). PA: Kirghizistan (Lower Jurassic) [C].

Genus SINOPLECIA Lin

SINOPLECIA Lin, 1976: 109. Type species: *Sinoplecia parvita* Lin, 1976, by original designation.

parvita Lin, 1976: 109. PA: China (Upper Jurassic) [C]; PA: China (Middle Jurassic) [C].

parvita. Incorrect original spelling of *parvita* (Lin, 1976: pl. 1, fig. 4).

Genus SUNOPLECIA Hong

SUNOPLECIA Hong, 1983: 126. Type species: *Sunoplecia liaoningensis* Hong, 1983, by original designation.

curvata Hong & Wang, 1990: 146. PA: China (Upper Jurassic) [C].
liaoningensis Hong, 1983: 126. PA: China (Middle Jurassic) [C].

Unplaced Species in PROTOPLECIIDAE

amasiooides Rohdendorf, 1964: 170 (1974: 185) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].

- curta** Rohdendorf, 1964: 166 (1974: 180) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- destructimedia** Rohdendorf, 1964: 161 (1974: 177) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- magna** Rohdendorf, 1964: 167 (1974: 181) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- magniradius** Rohdendorf, 1964: 166 (1974: 180) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- major** Rohdendorf, 1964: 169 (1974: 184) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- maxima** Rohdendorf, 1964: 167 (1974: 181) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- mediicubitalis** Rohdendorf, 1964: 161 (1974: 173) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- parva** Rohdendorf, 1964: 164 (1974: 177) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- perrecticulata** Rohdendorf, 1964: 164 (1974: 177) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- quadrimedialis** Rohdendorf, 1964: 166 (1974: 180) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- radialis** Rohdendorf, 1964: 164 (1974: 179) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- radiimedialis** Rohdendorf, 1964: 161 (1974: 174) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- simplex** Rohdendorf, 1964: 169 (1974: 183) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].
- subcostalis** Rohdendorf, 1964: 167 (1974: 183) (*Rhaetofungivora*). PA: Kirghizistan (Lower Jurassic) [C].

Questionably Placed in PROTOPLECIIDAE

Genus SIMULIDIUM Westwood

SIMULIDIUM Westwood, 1854: 384. Type species: *Simulidium priscum* Westwood, 1854, by monotypy.

priscum Westwood, 1854: 384. PA: UK (England) (Lower Cretaceous) [C].