

Family PLECIOFUNGIVORIDAE

Pleciofungivoridae constitute a moderately large group of extinct nematocerosous Diptera with venational similarities to some Bibionomorpha. Sixty-six species in 18 genera are listed in this catalog. Kovalev (1987) reviewed the generic composition of the family and mentioned a large amount of undetermined material from various deposits not recorded below including the Jurassic of Mongolia and Cretaceous of Transbaikalia. The genus *Fera* Hong, which was not studied by Kovalev, is listed here as questionably included in the family, though Kovalev (1987) included it in his generic composition. Fourteen species of the genus *Rhaetofungivora* Rohdendorf were transferred by Kovalev (1987) to the Protopleciidae based on reexamination of type material, but not placed in any genus. They are treated in that family in this catalog under unplaced species.

The family-group names Pleciofungivoridae and Fungivoritinae were both originally proposed by Rohdendorf (1946). Kovalev in Kalugina & Kovalev (1985) synonymized Fungivoritidae with Pleciofungivoridae under the First Reviser Principle. This catalog follows Kovalev in treating Pleciofungivoridae as the valid family-group name for the group of taxa listed herein.

Ref: Kovalev (1987, review and classification of genera).

Genus ARCHIHESPERINUS Rohdendorf

ARCHIHESPERINUS Rohdendorf, 1962: 321 (1991: 468). Type species: *Archihesperinus phryneoides* Rohdendorf, 1962, by original designation.

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

Genus ARCHIPLECIOFUNGIVORA Rohdendorf

ARCHIPLECIOFUNGIVORA Rohdendorf, 1962: 321 (1991: 468). Type species: *Archipleciofungivora binerva* Rohdendorf, 1962, by original designation.

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

Unidentified sp.—PA: Russia (Siberia) (Middle Jurassic) [C] (Kovalev in Kalugina & Kovalev, 1985: 135).

Genus BRYANKA Kovalev

BRYANKA Kovalev *in* Kalugina & Kovalev, 1985: 139. Type species: *Bryanka elegans* Kovalev, 1985, by original designation.

antis Kovalev, 1990: 153. PA: Russia (Siberia) (Upper Jurassic) [C].

elegans Kovalev *in* Kalugina & Kovalev, 1985: 139. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

elegantissima Kovalev *in* Kalugina & Kovalev, 1985: 141. PA: Russia (Siberia) (Middle Jurassic) [C].

elegantula Kovalev *in* Kalugina & Kovalev, 1985: 139. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

lepida Kovalev, 1990: 153. PA: Russia (Siberia) (Upper Jurassic/Lower Cretaceous) [C].

venusta Kovalev, 1990: 154. PA: Russia (Siberia) (Upper Jurassic/Lower Cretaceous) [C].

venustula Kovalev, 1990: 155. PA: Russia (Siberia) (Upper Jurassic/Lower Cretaceous) [C].

Genus CURVINEURA Hong

CURVINEURA Hong, 1983: 110, 208. Unavailable name; genus proposed after 1930 without diagnosis or included species.

Genus EOHESPERINUS Rohdendorf

EOHESPERINUS Rohdendorf, 1946: 60. Type species: *Eohesperinus martynovi* Rohdendorf, 1946, by original designation.

EOPACHYNEURA Rohdendorf, 1946: 57. Type species: *Eopachyneura trisectoralis* Rohdendorf, 1946, by original designation.

martynovi Rohdendorf, 1946: 61. PA: Kazakhstan (Upper Jurassic) [C].

sibiricus Kovalev *in* Kalugina & Kovalev, 1985: 141. PA: Russia (Siberia) (Middle Jurassic) [C].

trisectoralis Rohdendorf, 1946: 57 (*Eopachyneura*). PA: Kazakhstan (Upper Jurassic) [C].

weberi Rohdendorf, 1964: 221 (1974: 248). PA: Kazakhstan (Upper Jurassic) [C].

Genus FUNGIVORITES Rohdendorf

FUNGIVORITES Rohdendorf, 1938: 46. Type species: *Fungivorites latimedi-*
us Rohdendorf, 1938, by original designation.

latimedius Rohdendorf, 1938: 46. PA: Kazakhstan (Upper Jurassic) [C].

Genus FUNGIVOROPLECIA Kovalev

FUNGIVOROPLECIA Kovalev in Kalugina & Kovalev, 1985: 159. Type spe-
cies: *Fungivoroplectia jurassica* Kovalev, 1985, by original designation.

jurassica Kovalev in Kalugina & Kovalev, 1985: 160. PA: Russia (Siberia)
(Middle Jurassic) [C].

Genus GHILAROVIANA Kovalev

GHILAROVIANA Kovalev in Kalugina & Kovalev, 1985: 167. Type species:
Ghilaroviana longistyla Kovalev, 1985, by original designation.

CHILAROVIANA. Incorrect original spelling of *Ghilaroviana* (Kovalev in Kal-
ugina & Kovalev, 1985: 167).

longistyla Kovalev in Kalugina & Kovalev, 1985: 167. PA: Russia (Siberia)
(Middle Jurassic) [C].

Genus KRASNOYARSKIA Kovalev

KRASNOYARSKIA Kovalev in Kalugina & Kovalev, 1985: 142. Type spe-
cies: *Krasnoyarskia subcosta* Kovalev, 1985, by original designation.

secunda Kovalev in Kalugina & Kovalev, 1985: 143. PA: Russia (Siberia)
(Middle Jurassic) [C].

subcosta Kovalev in Kalugina & Kovalev, 1985: 142. PA: Russia (Siberia)
(Middle Jurassic) [C].

Genus MATILIA Kovalev

MATILIA Kovalev in Kalugina & Kovalev, 1985: 160. Type species: *Matilia*
crassinervis Kovalev, 1985, by original designation.

crassinervis Kovalev in Kalugina & Kovalev, 1985: 162. PA: Russia (Siberia)
(Lower/Middle Jurassic) [C].

Genus MESOPLECIOFUNGIVORA Hong & Wang

MESOPLECIOFUNGIVORA Hong & Wang, 1990: 138. Type species: *Mesopleciofungivora martynovae* Hong & Wang, 1990, by original designation.

martynovae Hong & Wang, 1990: 138. PA: China (Upper Jurassic) [C].

Genus PARAPLECIOFUNGIVORA Hong & Wang

PARAPLECIOFUNGIVORA Hong & Wang, 1990: 140. Type species: *Parapleciofungivora triangulata* Hong & Wang, 1990, by original designation.

PARAPLECIOFUNFIVORA. Incorrect original spelling of *Parapleciofungivora* (Regional Geological Surveying Team, 1990: table 3).

triangulata Hong & Wang, 1990: 140. PA: China (Upper Jurassic) [C].

Genus PLECIOFUNGIVORA Rohdendorf

PLECIOFUNGIVORA Rohdendorf, 1938: 42. Type species: *Pleciofungivora latipennis* Rohdendorf, 1938, by original designation.

ALLACTONEURITES Rohdendorf, 1938: 43. Type species: *Allactoneurites jurassicus* Rohdendorf, 1938, by original designation.

ALLACTONEURISCA Rohdendorf, 1946: 41. *Nomen nudum*.

POLYNEURISCA Rohdendorf, 1946: 52. Type species: *Polyneurisca atavina* Rohdendorf, 1946, by original designation.

TRANSVERSIPLECIA Rohdendorf, 1946: 53. Type species: *Transversiplecia transversinervis* Rohdendorf, 1946, by original designation.

atavina Rohdendorf, 1946: 52 (*Polyneurisca*). PA: Kazakhstan (Upper Jurassic) [C].

burjatica Kovalev in Kalugina & Kovalev, 1985: 168. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

jurassica Rohdendorf, 1938: 44 (*Allactoneurites*). PA: Kazakhstan (Upper Jurassic) [C].

latipennis Rohdendorf, 1938: 43. PA: Kazakhstan (Upper Jurassic) [C].

major Rohdendorf, 1946: 58. PA: Kazakhstan (Upper Jurassic) [C].

tergenica Kovalev, 1990: 157. PA: Russia (Siberia) (Upper Jurassic) [C].

transbaicalica Kovalev in Kalugina & Kovalev, 1985: 168. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

transversinervis Rohdendorf, 1946: 54 (*Transversiplecia*). PA: Kazakhstan (Upper Jurassic) [C].

yangtianense Hong, 1984b: 175 (*Allactoneurites*). PA: China (Upper Jurassic) [C]. **New combination.**

yeniseyica Kovalev *in* Kalugina & Kovalev, 1985: 170. PA: Russia (Siberia) (Middle Jurassic) [C].

Genus PLECIOFUNGIVORELLA Rohdendorf

PLECIOFUNGIVORELLA Rohdendorf, 1946: 54. Type species: *Pleciofungivorella binerva* Rohdendorf, 1946, by original designation.

binerva Rohdendorf, 1946: 55. PA: Kazakhstan (Upper Jurassic) [C].

brevisubcosta Rohdendorf, 1964: 218 (1974: 246). PA: Kazakhstan (Upper Jurassic) [C].

itchetuica Kovalev *in* Kalugina & Kovalev, 1985: 166. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

krasnoyarica Kovalev *in* Kalugina & Kovalev, 1985: 165. PA: Russia (Siberia) (Middle Jurassic) [C].

proxima Rohdendorf, 1964: 218 (1974: 244). PA: Kazakhstan (Upper Jurassic) [C].

tugnuica Kovalev *in* Kalugina & Kovalev, 1985: 163. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

udaensis Kovalev *in* Kalugina & Kovalev, 1985: 165. PA: Russia (Siberia) (Middle Jurassic) [C].

undergensis Kovalev, 1990: 156. PA: Russia (Siberia) (Upper Jurassic/Lower Cretaceous) [C].

Genus PROHESPERINUS Rohdendorf

PROHESPERINUS Rohdendorf, 1946: 56. Type species: *Prohesperinus abdominalis* Rohdendorf, 1946, by original designation.

RHAETOFUNGIVORODES Rohdendorf, 1962: 321 (1991: 468). Type species: *Rhaetofungivorodes defectivus* Rohdendorf, 1962, by original designation.

abdominalis Rohdendorf, 1946: 57. PA: Kazakhstan (Upper Jurassic) [C].

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

pedalis Rohdendorf, 1964: 220 (1974: 246). PA: Kirghizistan (Lower Jurassic) [C].

Genus RHAETOFUNGIVORA Rohdendorf

- RHAETOFUNGIVORA** Rohdendorf, 1962: 320 (1991: 468). Type species:
Rhaetofungivora reticulata Rohdendorf, 1962, by original designation.
reticulata Rohdendorf, 1962: 320 (1991: 468). PA: Kirghizistan (Lower Jurassic) [C].

Genus ROHDENDORFOMYIELLA Kovalev

- ROHDENDORFOMYIELLA** Kovalev in Kalugina & Kovalev, 1985: 137.
 Type species: *Rohdendorfomyiella incorporalis* Kovalev, 1985, by original designation.
incorporalis Kovalev in Kalugina & Kovalev, 1985: 137. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].

Genus WILLIHENNIGIA Kovalev

- WILLIHENNIGIA** Kovalev in Kalugina & Kovalev, 1985: 143. Type species:
Willihennigia propria Kovalev, 1985, by original designation.
aberrans Kovalev in Kalugina & Kovalev, 1985: 158. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].
antennata Kovalev in Kalugina & Kovalev, 1985: 152. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].
atypica Kovalev in Kalugina & Kovalev, 1985: 155. PA: Russia (Siberia) (Middle Jurassic) [C].
bicalcarata Kovalev in Kalugina & Kovalev, 1985: 150. PA: Russia (Siberia) (Middle Jurassic) [C].
brevistyla Kovalev in Kalugina & Kovalev, 1985: 154. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].
brevitarsis Kovalev in Kalugina & Kovalev, 1985: 156. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].
curtipes Kovalev in Kalugina & Kovalev, 1985: 149. PA: Russia (Siberia) (Middle Jurassic) [C].
dissimilis Kovalev in Kalugina & Kovalev, 1985: 159. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].
furcata Kovalev in Kalugina & Kovalev, 1985: 153. PA: Russia (Siberia) (Middle Jurassic) [C].
inconspicua Kovalev in Kalugina & Kovalev, 1985: 149. PA: Russia (Siberia) (Middle Jurassic) [C].
latipennis Kovalev in Kalugina & Kovalev, 1985: 155. PA: Russia (Siberia) (Middle Jurassic) [C].

- macrocera** Kovalev *in* Kalugina & Kovalev, 1985: 148. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].
- maxima** Kovalev *in* Kalugina & Kovalev, 1985: 154. PA: Russia (Siberia) (Middle Jurassic) [C].
- pleciiformis** Kovalev *in* Kalugina & Kovalev, 1985: 152. PA: Russia (Siberia) (Middle Jurassic) [C].
- propria** Kovalev *in* Kalugina & Kovalev, 1985: 148. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].
- thoracica** Kovalev *in* Kalugina & Kovalev, 1985: 156. PA: Russia (Siberia) (Lower/Middle Jurassic) [C].
- variabilis** Kovalev *in* Kalugina & Kovalev, 1985: 158. PA: Russia (Siberia) (Middle Jurassic) [C].

Unplaced Species in PLECIOFUNGIVORIDAE

- gracilis** Hong, 1983: 112 (*Eohesperinus*). PA: China (Middle Jurassic) [C].
- latus** Hong & Wang, 1990: 139 (*Eohesperinus*). PA: China (Upper Jurassic) [C].

Questionably Included in PLECIOFUNGIVORIDAE

Genus FERA Hong

- FERA** Hong, 1983: 107. Type species: *Fera jurassica* Hong, 1983, by original designation.
- jurassica** Hong, 1983: 110. PA: China (Middle Jurassic) [C].
- parva** Hong, 1983: 112. PA: China (Middle Jurassic) [C].