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Conspectus of the current classification of Coleoptera with synonymies¹

The following paper is based on unpublished views of the author as well as the publications cited in the reference. I am nearly fifty percent of the opinion that Cicindelidae should be placed as a separate family from the Carabidae but have followed Dr. ROY A. CROWSON (D. Sc.) here. His is the best work on the higher classification of the Coleoptera which is followed in essence everywhere.

A conspectus of the latest classification of the Coleoptera follows:

ARCHOSTEMATA

Cupedoidea

1. Cupedidae (= Cupesidae, Ommatidae)
2. Micromalthidae

ADEPHAGA

Caraboidea

3. Rhysodidae (= Rhyssodidae)
4. Paussidae
5. Carabidae (= Anchomenidae, Anthidae, Apotomidae, Bembidiidae, Brachinidae, Broscidae, Chaeniidae, Cicindelidae, Cnemacanthidae, Collyridae, Ctenostomidae, Cymbionotidae, Dryptidae, Elaphridae, Feronidae, Gehringiidae, Glyptidae, Harpalidae, Hiletidae, Lebiidae, Licinidae, Loricidae, Manticoridae, Masoricidae, Megacephalidae, Melanodidae, Metriidae, Migadopidae, Nebriidae, Odacanthidae, Orthogonidae, Ozanemidae, Panagaeidae, Patrobidae, Pelecidae, Perigonidae, Pseudomorphidae, Psyridae, Pterostichidae, Scaritidae, Siagonidae, Trechidae, Zuphiidae)
6. Trachypachidae
7. Halplidae
8. Amphizoidae
9. Hygrobiidae (= Pelobiidae)
10. Noteridae
11. Dytiscidae (= Hydroporidae, Hyphydriidae)
12. Gyrinidae

MYXOPHAGA

Sphaeroidea

13. Lepiceridae (= Cyathoceridae)
14. Sphaeriidae
15. Hydroscaphidae

POLYPHAGA

Staphyliniformia

Hydrophiloidea

16. Hydraenidae (= Limnebiidae)
17. Hydrochidae
18. Spercheidae
19. Georyssidae
20. Hydrophilidae (= Helopheridae, Sphaeridiidae)

Histeroidea

21. Sphaeritidae
22. Synteliidae
23. Histeridae

Staphylinoidea

24. Limulodidae
25. Ptilidae (= Trichopterygidae)
26. Leptinidae
27. Anisotomidae (= Agathidae, Agnathidiidae, Leiodidae, Liodesidae, Lioididae)
28. Dasyceiridae
29. Silphidae (= Agyrtidae, Necrophoridae)
30. Scydmaenidae (= Anisophaeridae)
31. Scaphidiidae
32. Empelidae
33. Micropeplidae
34. Staphylinidae (= Oxytelidae, Stenidae, Tachyporidae)
35. Pselaphidae (= Clavigeridae)

Scarabaeiformia

Scarabaeoidea

36. Lucanidae (= Sinodendronidae)
37. Passalidae
38. Trogidae
39. Acanthoceridae

¹ Publication Number 68 on the Coleoptera.

40. **Geotrupidae**
41. **Scarabaeidae** (= Aclopidae, Allidiostomidae, Anoplognathidae, Aphodiidae, Cetoniidae, Chironidae, Copridae, Dynastidae, Euchiridae, Glaphyridae, Hybosoridae, Idiostomidae, Melolonthidae, Ochodaeidae, Orphinidae, Phaenomeridae, Pleocomidae, Rutelidae, Taurocerastidae)

Dascilliformia

Dascilloidea

42. **Clambidae** (= Calyptomeridae)
43. **Eucinetidae**
44. **Helodidae** (= Cyphonidae)
45. **Dascillidae** (= Armatopidae, Eubriidae)

Byrrhoidea

46. **Byrrhidae**

Dryopoidea

47. **Psephenidae**
48. **Eurypogonidae**
49. **Ptilodactylidae**
50. **Cbelonariidae**
51. **Heteroceridae**
52. **Limmichidae**
53. **Dryopidae** (= Parnidae)
54. **Elmidae** (= Helmidae, Limniidae)

Rhipiceroidae

55. **Rhipiceridae** (= Lichadidae, Rhipidoceridae, Sandalidae)
56. **Callirhipidae**

Buprestoidea

57. **Buprestidae**

Elateroidea

58. **Cebriionidae**
59. **Elateridae** (= Agrypnidae, Campylidae, Cavicoxidae, Cavicoxumidae, Dicronychidae, Ludiidae, Monocrepididae, Plastoceridae)
60. **Trixagidae** (= Throscidae)
61. **Cerophytidae**
62. **Perothopidae**
63. **Eucnemidae** (= Eucnemidae, Melasidae, Phylloceridae)

Cantharoidea

64. **Brachypsectridae**
65. **Homalidae** (= Homalidae)
66. **Karumiidae** (= Zarudniolidae)
67. **Drilidae** (= Rhagophthalmidae)
68. **Phengodidae**
69. **Telegusidae**
70. **Lampyridae** (= Malacodermidae, Telephoridae)
71. **Cantharidae**
72. **Lycidae**

Bostrychiformia

Dermestoidea

73. **Derodontidae** (= Laricobiidae)
74. **Nosodendridae**
75. **Dermestidae** (= Megatomidae)
76. **Thorictidae**
77. **Sarothriidae** (= Jacobsoniidae)

Bostrychoidea

78. **Anobidae** (= Dorcatomidae, Xyletinidae)
79. **Ptinidae** (= Ectrephidae, Gnostidae)
80. **Bostrychidae** (= Apalidae, Apatidae, Psoidae)
81. **Lytidae**

Cucujiformia

Cleroidea

82. **Trogositidae** (= Nemosomidae, Ostomatidae, Ostomidae, Peltidae, Temnochilidae)
83. **Chaetosomatidae**
84. **Cleridae**
85. **Melyridae** (= Dasytidae, Malachiidae, Prionoceridae, Rhadalidae)
86. **Phloeophilidae**
87. **Phycosecidae**

Lymexyloidea (= Lymexylonoidea)

88. **Lymexylidae** (= Lymexylonidae)

Cucujoidea (= Coccinelloidea, Meloidea, Tenebrionoidea)

Clavicornia

89. **Nitidulidae** (= Cateretidae, Cybocephalidae)
90. **Smicripidae**
91. **Rhizophagidae** (= Manotomidae)
92. **Protocucujidae**
93. **Sphindidae**
94. **Hypocoridae**
95. **Passandridae**
96. **Cucujidae** (= Scaldiidae)
97. **Silvanidae**
98. **Helotidae**
99. **Propaltidae**
100. **Cryptophagidae** (= Telmatophilidae)
101. **Languriidae**
102. **Erotylidae** (= Engidae, Engidae, Tritomidae)
103. **Phalacridae**
104. **Cerylonidae**
105. **Corylophidae** (= Orthoperidae)
106. **Coccinellidae** (= Cerosommatidiidae, Epilachnidae)
107. **Endomychidae**
108. **Discolomidae** (= Aphaenocephalidae, Notiophygidae)
109. **Merophysiidae** (= Merophysiidae)
110. **Lathridiidae**
111. **Aculagnathidae** (= Aculognathidae)

Heteromera

112. **Biphylidae** (= Diphyllidae)
113. **Byturidae**
114. **Cisidae** (= Ciidae, Cioidae)
115. **Merycidae**
116. **Mycetophagidae**
117. **Colydiidae** (= Adimeridae)
118. **Pterogeniidae**
119. **Nilionidae**
120. **Tenebrionoidea** (= Helopidae, Rhysopaussidae)
121. **Lagridae**
122. **Alleculidae** (= Cistelidae)
123. **Zopheridae**
124. **Monommidae** (= Monommatidae)
125. **Boridae**
126. **Elacatidae** (= Othniidae, Aegialitidae)
127. **Inopeplidae**
128. **Salpingidae**
129. **Cononotidae**
130. **Mycteridae**
131. **Hemipeplidae**
132. **Tricentotomidae**
133. **Perimylopidae**
134. **Tetratomidae**
135. **Melandryidae** (= Serropalidae, Synchroidae)

- 136. **Scraptiidae**
- 137. **Mordellidae**
- 138. **Rhipiphoridae**
- 139. **Oedemeridae**
- 140. **Pythidae**
- 141. **Pyrochroidae**
- 142. **Anthicidae** (= Eurygeniidae, Pedilidae)
- 143. **Meloidae** (= Horiinidae, Lyttidae, Tetraonycidae)
- 144. **Cephaloidae**
- 145. **Aderidae** (= Euglenidae, Hylophilidae, Xylophilidae)
- 146. **Prostomidae**

Incertae sedis:

- 147. **Petriidae**
- 148. **Tretothoracidae**

Chrysomeloidea

- 149. **Cerambycidae** (= Hypocephalidae, Lamiidae, Lepturidae, Prionidae, Spondylidae)
- 150. **Bruchidae** (= Acanthoscelidae, Mylabridae, Spermothagidae)

- 151. **Chrysomelidae** (= Clytridae, Crioceridae, Cryptocephalidae, Donaciidae, Eumolpidae, Galerucidae, Haliidae, Hispididae, Malalopidae, Megascelidae, Orsodacnidae, Sgaridae)

Curculionoidea

- 152. **Nemomychidae** (= Rhinomaceridae)
- 153. **Anthribidae** (= Choragidae, Megalopidae, Platyrhinidae, Platystomidae)
- 154. **Belidae**
- 155. **Oxycorynidae**
- 156. **Proterhinidae** (= Aglycyderidae, Proterrhinidae, Proterhinidae)
- 157. **Attelabidae**
- 158. **Brenthidae** (= Brentidae)
- 159. **Apionidae**
- 160. **Curculionidae** (= Allocorhynidae, Byrsopidae, Otiorhynchidae, Psallidiidae, Pterocalidae, Rhinomaceridae, Rhyncophoridae, Scolytidae)

Uncertain super family position:

- 161. **Phaenoccephalidae**

Summary

A conspectus of the current classification of Coleoptera with synonymies is given.

Zusammenfassung

Die Arbeit bringt eine Übersicht über die augenblickliche Klassifikation der Coleoptera mit Angaben über die Synonymieverhältnisse.

Резюме

Работа даёт обзор настоящей классификации жёсткокрылых с данными о синонимных отношений.

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