

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



A427  
R313

UNITED STATES  
DEPARTMENT OF AGRICULTURE  
LIBRARY

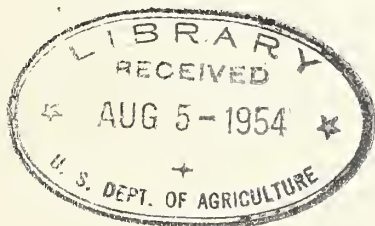


BOOK NUMBER  
872300

A427  
R313

THE BEETLE FAMILIES  
by Ross H. Arnett, Jr.  
Entomology Research Branch  
United States Department of Agriculture

For the past several years I have issued in mimeographed form lists of the beetle families of the world compiled from all of the literature available to me. These lists have been meant to serve only as a means of showing a logical arrangement of the families for collections, catalogues, and general papers, and not necessarily to show the ascending development or phylogenetic relationship of the families. However, every attempt has been made to make these lists as natural as is possible for any linear arrangement. These family schemes have undergone many revisions. I have never thought they warranted publication, inasmuch as they are undocumented and reflect ideas which should be explained, or which need further study. However, I have had numerous requests for a list of beetle families. This seems to indicate that it is useful to others as well as myself. Further, there is also a need for a list of family synonyms. Therefore, I have brought my list up-to-date and present it below. Along with this is an index in which is included all of the names which are synonyms of these families. Thus if I have used a name in the main list which is not familiar, the more familiar name will be found in the index and the number after it refers back to the main list.





## THE ORDER COLEOPTERA

(Families in parentheses are not North American)

Suborder ARCHOSTEMATA

1. Cupesidae
2. Micromalthidae

Suborder ADEPHAGA

3. Rhysodidae
4. Cicindelidae
5. Carabidae
6. Omophronidae
7. (Paussidae)
8. Amphizoidea
9. Haliplidae
10. (Hygrobiidae)
11. Dytiscidae
12. Gyrinidae

Suborder HAPLOGASTRASuperfamily Hydrophiloidea

13. Hydrophilidae
14. Limnebiidae

Superfamily Staphylinoidea

15. Staphylinidae
16. Pselaphidae
17. Silphidae
18. Leptodiridae
19. Leptinidae
20. Platypsyllidae
21. Clambidae
22. Leiocidae
23. Sphaeriidae
24. (Phaenoccephalidae)
25. Ptiliidae
26. Limulodidae
27. Scymaenidae
28. Scaphidiidae
29. (Catapochrotidae)
30. Brathinidae

Superfamily Histeroidea

31. Histeridae
32. (Synteliidae)
33. Sphaeritidae

Superfamily Scarabaeoidea

34. Lucanidae
35. Passalidae
36. Scarabaeidae

Suborder POLYPHAGASuperfamily Lymexylonoidea

37. Lymexylonidae
38. Telegeusidae

Superfamily Lampyroidea

39. (Karumiidae)
40. Brachypsectridae
41. (Drilidae)
42. Phengodidae
43. Cantharidae
44. Lycidae
45. Lampyridae

Superfamily Meloidea

46. Meloidae
47. Mordellidae
48. Rhipiphoridae
49. Stylopidae

Superfamily Tenebrionoidea

50. (Pterogeniidae)
51. (Nilionidae)
52. Tenebrionidae
53. Lagriidae
54. Alleculidae
55. Monommidae
56. Othniidae
57. Salpingidae
58. (Tretothoracidae)
59. Pyrochroidae
60. (Trictenotomidae)
61. Melandryidae
62. Cephaloidea
63. Oedemeridae
64. Pedilidae
65. Anthicidae
66. Euglenidae
67. (Petriidae)
68. (Cossyphodidae)





Superfamily Cucujoidea

- 69. Nitidulidae
- 70. Rhizophagidae
- 71. (Protocucujidae)
- 72. Sphnidae
- 73. Hypocopridae
- 74. Cucujidae
- 75. (Helotidae)
- 76. (Phycosecidae)
- 77. (Propalticidae)
- 78. Cryptophagidae
- 79. Biphyllidae
- 80. Byturidae
- 81. Languriidae
- 82. Phalacridae
- 83. Cisidae
- 84. Orthoperidae
- 85. (Discolomidae)
- 86. Lathridiidae
- 87. Colydiidae
- 88. Mycetophagidae
- 89. (Jacobsoniidae)

Superfamily Dascilloidea

- 90. Dascillidae
- 91. Helodidae
- 92. Eucinetidae

Superfamily Byrrhoidea

- 93. Byrrhidae

Superfamily Dryopoidea

- 94. Psephenidae
- 95. Ptilodactylidae
- 96. Chelonariidae
- 97. Heteroceridae
- 98. Linnichidae
- 99. Dryopidae
- 100. Elmidae
- 101. Georyssidae
- 102. (Cyathoceridae)

Superfamily Elateroidea

- 103. Rhipiceridae
- 104. Cebrionidae
- 105. Elateridae
- 106. Throscidae
- 107. Cerophytidae
- 108. Perothopidae
- 109. Eucnemidae

Superfamily Buprestoidea

- 110. Buprestidae

Superfamily Cleroidea

- 111. Ostomidae
- 112. Cleridae
- 113. Melyridae

Superfamily Dermestoidea

- 114. Derodontidae
- 115. Noscendridae
- 116. Dermestidae
- 117. Thorictidae

Superfamily Bostrichoidea

- 118. Anobiidae
- 119. Ptinidae
- 120. Bostrichidae
- 121. Lyctidae

Superfamily Coccinelloidea

- 122. Endomychidae
- 123. Mycetaeidae
- 124. Coccinellidae
- 125. Erotylidae

Superfamily Curculionoidea

- 126. Cerambycidae
- 127. Chrysomelidae
- 128. Mylabridae
- 129. Anthribidae
- 130. Brentidae
- 131. Curculionidae
- 132. Platypodidae
- 133. Scolytidae



INDEX TO FAMILY NAMES

Numbers refer to the family number in the preceding list.

Acanthoceridae	36	Buprestidae	110	Cryptocephalidae	127
Acanthoscelidae	128	Byrrhidae	93	Cryptophagidae	78
Aclopidae	36	Byrsopidae	131	Ctenostomidae	4
Aculognathidae	86	Byturidae	80	Cucujidae	74
Aderidae	66			Cupesidae	1
Adimeridae	87	Calendridae	131	Cupedidae	1
Aegialiidae	36	Callipharixenidae	49	Curculionidae	131
Aegialitidae	57	Callirhipidae	103	Cyathoceridae	102
Agathidiidae	22	Camiaridae	18	Cybocephalidae	69
Agnathidiidae	22	Campylidae	105	Cymbionotidae	5
Aglycyderidae	131	Cantharidae	43	Cyphonidae	91
Agrypnidae	105	Carabidae	5		
Agyrtidae	17	Cassididae	127	Dacnidae	125
Alleculidae	54	Catapochrotidae	29	Dascillidae	90
Allochorhynidae	131	Cateretidae	69	Dasytidae	113
Allidiostomidae	36	Catopidae	18	Dermestidae	116
Amphizoidae	8	Cavicoxidae	105	Derodontidae	114
Anaspidae	47	Cavicoxumidae	105	Diaperidae	52
Anchomenidae	5	Cebrionidae	104	Dicronychidae	105
Anisosphaeridae	27	Cephaloidae	62	Diphyllidae	79
Anisotomidae	22	Cerambycidae	126	Discolomidae	85
Anobiidae	118	Cerasommatidiidae	124	Donaciidae	127
Anoplognathidae	36	Cerocomatidae	46	Dorcatomidae	118
Anthicidae	65	Cerophytidae	107	Drilidae	41
Anthiidae	5	Cetoniidae	36	Dryopidae	99
Anthribidae	129	Chaetosomatidae	112	Dryptidae	5
Apalidae	120	Chapuisiidae	132	Dynastidae	36
Apatidae	120	Chelonaridae	96	Dytiscidae	11
Aphaenocephalidae	85	Chironidae	36		
Aphodiidae	36	Chaeniidae	5	Ectrephidae	119
Apionidae	131	Cholevidae	18	Elacatidae	56
Apotomidae	5	Choragidae	129	Elaphridae	5
Aspidiphoridae	72	Chrysomelidae	127	Elateridae	105
Attelabidae	131	Cicindelidae	4	Elenchidae	49
		Ciidae	83	Elmidae	100
Belidae	131	Cioidae	83	Endomychidae	124
Bembidiidae	5	Cisidae	83	Engidae	125
Biphyllidae	79	Cistelidae	54	Engididae	125
Blapsidae	52	Clambidae	21	Epilachnidae	124
Boridae	57	Clavigeridae	16	Erotylidae	125
Bostrichidae	120	Cleridae	112	Eubriidae	90
Bostrychidae	120	Clytridae	127	Euchiridae	36
Bothrideridae	87	Cnemacanthidae	5	Eucinotidae	92
Brachinidae	5	Coccinellidae	124	Eucnemidae	109
Brachyceridae	131	Collyridae	4	Eucnemididae	109
Brachyrhinidae	131	Colonidae	18	Euglenidae	66
Brachypsectridae	40	Colydiidae	87	Eumolpidae	127
Brathinidae	30	Cononotidae	57	Eurypogonidae	90
Brenthidae	130	Copridae	36	Eurystethidae	57
Brentidae	130	Corylophidae	84		
Brosidae	5	Corynetidae	112	Feronidae	5
Bruchelidae	131	Cossyphodidae	68		
Bruchidae	128	Crioceridae	127	Galerucidae	127





Gehringiidae	5	Lepiceridae	133	Nebriidae	5
Georyssidae	101	Leptinidae	19	Necrophoridae	17
Geotrupidae	36	Leptodiridae	18	Nemenychidae	131
Glaphyridae	36	Lepturidae	126	Nemosomidae	111
Glyptidae	5	Licinidae	5	Milionidae	51
Gnostidae	119	Limnebiidae	14	Niponiidae	31
Gyrinidae	12	Limnichidae	98	Nitidulidae	69
		Limniidae	100	Nosodendridae	115
Halictophagidae	49	Limulodidae	26	Noteridae	11
Haliplidae	9	Liodesidae	22	Notiophygidae	85
Halticidae	127	Liodidae	22	Notoxidae	65
Harpalidae	5	Loroceridae	5		
Helmidae	100	Lucanidae	34	Ochodaeidae	36
Helopidae	52	Ludiidae	105	Odacanthidae	5
Helopheridae	13	Lycidae	44	Oedemeridae	63
Helodidae	91	Lyctidae	121	Omaliidae	15
Helotidae	75	Lymexylidae	37	Ommatidae	1
Hemipeplidae	74	Lymexylonidae	37	Omophronidae	6
Heteroceridae	97	Lyttidae	46	Orphnidae	36
Hiletidae	5			Orsodacnidae	127
Hispidae	127	Malachiidae	113	Orthoceridae	87
Histeridae	31	Malacodermidae	45	Orthogonidae	4
Homalidae	44	Malalopidae	127	Orthoperidae	84
Homalistidae	44	Manticoridae	4	Ostomatidae	111
Horiinidae	46	Masoreidae	5	Ostomidae	111
Hybosoridae	36	Megacephalidae	4	Othniidae	56
Hydraenidae	14	Megalopidae	129	Otiiorhynchidae	131
Hydrochidae	13	Megascelidae	127	Oxytelidae	15
Hydrophilidae	13	Megatomidae	116	Ozaenidae	5
Hydroporidae	11	Melandryidae	61		
Hydroscaphidae	13	Melanodidae	5	Panagaeidae	5
Hygrobidae	10	Melasidae	109	Parnidae	99
Hylophilidae	66	Meloidae	46	Passalidae	35
Hyphyridae	11	Melolonthidae	36	Passandridae	74
Hypocephalidae	126	Melyridae	113	Patrobidae	5
Hypocopridae	73	Mengeidae	49	Paussidae	7
		Merophysiidae	86	Pedilidae	64
Idiostomidae	36	Metriidae	5	Peleciidae	5
Inopepiidae	74	Micromalthidae	2	Pelobiidae	10
Ipidae	133	Micropelidae	15	Peltidae	111
		Microsporidae	23	Peltasticidae	114
Jacobsoniidae	89	Migadopidae	5	Perigonidae	5
		Monocrepididae	105	Perimylopidae	52
Karumiidae	39	Monoedidae	87	Perothopidae	108
Korynetidae	112	Monommatidae	55	Petriidae	67
		Monommidae	55	Phaenoccephalidae	24
Lagriidae	53	Monotomidae	70	Phalacridae	82
Lamiidae	126	Mordellidae	47	Phengodidae	42
Lampyridae	45	Murmidiidae	87	Phloeophilidae	113
Languriidae	81	Mycetaeidae	125	Phycosecidae	76
Laricobiidae	114	Mycetophagidae	88	Phylloceridae	109
Lariidae	128	Mycteridae	57	Pimeliidae	52
Lathridiidae	86	Mylabridae	128	Plastoceridae	105
Lebiidae	5	Myrmecolacidae	49	Platypidae	132
Leiodidae	22			Platypodidae	132



Platyptyllidae	20	Silvanidae	74
Platyrrhinidae	129	Sinodendronidae	34
Platystomidae	129	Smicripidae	69
Pleocomidae	36	Spercheidae	13
Prionidae	126	Spermophagidae	128
Prionoceridae	113	Sphaeridiidae	13
Propalticidae	77	Sphaeriidae	23
Proctomidae	131	Sphaeritidae	33
Proterhinidae	131	Sphindidae	72
Protterhinidae	131	Spondylidae	126
Protocucujidae	71	Staphylinidae	15
Protorhinidae	131	Stenidae	15
Psallidiidae	131	Stylopidae	49
Pselaphidae	16	Sticholrematidae	49
Psephenidae	94	Synchroidae	61
Pseudocorylophidae	85	Synteliidae	32
Pseudomorphidae	5		
Psoidae	120	Tachyporidae	15
Psyridae	5	Taurocerastidae	36
Pterocalidae	131	Telegeusidae	38
Pterogenidae	50	Telmatophilidae	78
Pterostichidae	5	Telephoridae	45
Ptiliidae	25	Temnochilidae	111
Ptilodactylidae	95	Tenebrionidae	52
Ptinidae	119	Tetraonycidae	46
Pyrochroidae	59	Tetratomidae	61
Pyrophoridae	105	Tetropidae	126
Pythidae	57	Thoricidae	117
		Throscidae	106
Rhadalidae	113	Tillidae	96
Rhagophthalmidae	41	Trachypachyidae	5
Rhinomaceridae	131	Trechidae	5
Rhipiceridae	103	Tretothoracidae	58
Rhipidoceridae	103	Trichopterygidae	25
Rhipiphoridae	48	Trictenotomidae	60
Rhizophagidae	70	Tritomidae	125
Rhyncophoridae	131	Trixagidae	106
Rhysodidae	3	Trogidae	36
Rhysodidae	3	Trigositidae	111
Rhysopaussidae	52		
Rutelidae	36	Xenidae	49
		Xyletinidae	118
Sagridae	127	Xylophilidae	66
Salpingidae	57		
Sandalidae	103	Zarudniolidae	39
Scalidiidae	74	Zopheridae	52
Scaphidiidae	28	Zuphiidae	5
Scarabaeidae	36		
Scaritidae	5		
Scolytidae	133		
Scraptiidae	62		
Scydmaenidae	27		
Serropalpidae	61		
Siagonidae	5		
Silphidae	17		





