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# Current Classification of the Families of Coleoptera

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#### CURRENT CLASSIFICATION OF THE FAMILIES OF COLEOPTERA

M. G. de Viedma<sup>1</sup> and M. L. Nelson<sup>2</sup>

Several works on the order Coleoptera have appeared in recent years, some of them creating new superfamilies, others modifying the constitution of these or creating new families, finally others are general revisions of the order. The authors believe that the current classification of this order, incorporating these changes would prove useful. The following outline is based mainly on Crowson (1960, 1964, 1966, 1967, 1971, 1972, 1973) and Crowson and Viedma (1964). For characters used on classification see Viedma (1972) and for family synonyms Abdullah (1969). Major features of this conspectus are the rejection of the two sections of Adephaga (Geadephaga and Hydradephaga), based on Bell (1966) and the new sequence of Heteromera, based mainly on Crowson (1966), with adaptations.

#### Order COLEOPTERA

### I. Suborder ARCHOSTEMATA

#### Superfamily CUPEDOIDEA

1 Family Cup	edidae
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#### 2 Family Micromalthidae

#### II. Suborder ADEPHAGA

#### Superfamily CARABOIDEA

3	Family Rhysodidae	9	Family Amphizoidae
4	Family Paussidae	10	Family Hygrobiidae
5	Family Carabidae	11	Family Noteridae
6	Family Cicindelidae	12	Family Dytiscidae
7	Family Trachypachidae	13	Family Gyrinidae
8	Family Haliplidae		

#### III. Suborder MYXOPHAGA Superfamily SPHAERIOIDEA

14	Family Lepiceridae	16	Family Hydroscaphidae
15	Family Sphaeriidae	17	Family Torridincolidae

### IV. Suborder POLYPHAGA Series STAPHYLINIFORMIA Superfamily HYDROPHILOIDEA

18 Family Hydraenidae	21 Family Georyssidae
19 Family Hydrochidae	22 Family Hydrophilidae

#### 20 Family Spercheidae

#### Superfamily HISTEROIDEA

23 Family Sphaeritidae	25 Family Histerida
24 Family Syntelüdae	

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#### Superfamily STAPHYLINOIDEA

26	Family 1	Ptiliidae	31	Family Scydmaenida
27	Family 1	Limulodidae	32	Family Silphidae
28	Family 1	Dasyceridae	33	Family Staphylinidae
29	Family 1	Leptinidae	34	Family Pselaphidae

#### 30 Family Anisotomidae

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#### Series SCARABAEIFORMIA

#### Superfamily SCARABAEOIDEA

35	Family Lucanidae	39	Family Geotrupidae
36	Family Passalidae	40	Family Scarabaeidae
37	Family Trogidae	41	Family Glaphyridae
38	Family Acanthoceridae	42.	Family Hybosoridae

#### Superfamily EUCINETOIDEA

43 Family Clambidae	45 Family Helodidae
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44 Family Eucinetidae

#### Superfamily DASCILLOIDEA

46	Family	Dascillidae	48	Family	Rhipiceridae
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47 Family Karumiidae

#### Series ELATERIFORMIA

#### Superfamily BYRRHOIDEA

49 Family Byrrhidae

#### Superfamily DRYOPOIDEA

50	Family Psephenidae	55 Family Heteroceridae
51	Family Ptilodactylidae	56 Family Limnichidae
52	Family Eulichadidae	57 Family Dryopidae
53	Family Eurypogonidae	58 Family Elmidae
54	Family Chelonariidae	

#### Superfamily BUPRESTOIDEA

59 Family Buprestidae

#### Superfamily ARTEMATOPOIDEA

60 Family	Artematopidae	62 Fa	amily Brachypsectrid	ae

61 Family Callirhipidae

#### Superfamily ELATEROIDEA

63	Family Cebrionidae	66	Family Cerophytidae
64	Family Elateridae	67	Family Perothopidae
65	Family Trixagidae	68	Family Eucnemidae

#### Superfamily CANTHAROIDEA

69	Family Cneoglossidae	74 Family Phengodidae
70	Family Plastoceridae	75 Family Telegeusidae
71	Family Homalisidae	76 Family Lampyridae
72	Family Lycidae	77 Family Omethidae
73	Family Drilidae	78 Family Cantharidae

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#### Series BOSTRYCHIFORMIA Superfamily DERMESTOIDEA

					Thorictidae
80	Family	Nosodendridae	83	Family	Sarothriidae
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81 Family Dermestidae

#### Superfamily BOSTRYCHOIDEA

84	Family Anobiidae	86	Family Bostrychidae
85	Family Ptinidae	87	Family Lyctidae

#### Series CUCUJIFORMIA

#### Superfamily CLEROIDEA

88	Family Phloiophilidae	92	Family Cleridae
89	Family Peltidae	93	Family Phycosecidae
90	Family Trogossitidae	94	Family Melyridae
91	Family Chaetosomatidae		

#### Superfamily LYMEXYLOIDEA

95 Family Lymexylidae

#### Superfamily STYLOPOIDEA

96 Family Mengeidae 97 Family Stylopidae

# Superfamily CUCUJOIDEA Section CLAVICORNIA

98	Family	Nitidulidae		Family Cryptophagidae
99	Family	Smicripidae		Family Languriidae
100	Family	Rhizophagidae		Family Erotylidae
101	Family	Protocucujidae	113	Family Phalacridae
102	Family	Sphindidae		Family Cerylonidae
103	Family	Boganiidae		Family Corylophidae
104	Family	Hypocopridae		Family Coccinellidae
105	Family	Passandridae		Family Endomychidae
106	Family	Cucujidae		Family Discolomidae
107	Family	Silvanidae		Family Merophysidae
108	Family	Helotidae	120	Family Lathridiidae
109	Family	Propalticidae		

#### Section HETEROMERA

121 Far	nily Tetratomidae	134	Family Nilionidae
122 Far	nily Mycetophagidae	135	Family Tenebrionidae
123 Far	nily Pterogeniidae	136	Family Lagriidae
124 Far	mily Cisidae	137	Family Alleculidae
125 Far	nily Biphyllidae	138	Family Melandryidae
	nily Byturidae	139	Family Mordellidae
127 Far	nily Synchroidae	140	Family Rhipiphoridae
128 Far	nily Zopheridae	141	Family Scraptiidae
129 Far	nily Cephaloidae	142	Family Pythidae
130 Far	mily Perimylopidae	143	Family Trictenotomidae
131 Far	mily Merycidae	144	Family Pyrochroidae
132 Far	nily Monommidae	145	Family Salpingidae
133 Far	mily Colydiidae		Family Elacatidae

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#### Section HETEROMERA (Continued)

147	Family Cononotidae	151	Family Anthicidae
148	Family Mycteridae	152	Family Meloidae
149	Family Boridae	153	Family Aderidae

150 Family Inopeplidae

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#### Incertae sedis

154 Family Prostomidae	157 Family Tretothoracidae
155 Family Oedemeridae	158 Family Aculognathidae
156 Family Petriidae	

#### Superfamily CHRYSOMELOIDEA

159 Family Cerambycidae	161 Family Chrysomelidae
160 Family Bruchidae	

#### Superfamily CURCULIONOIDEA

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162	Family Nemonychidae	16/	Family Attelabidae
163	Family Anthribidae	168	Family Brenthidae
164	Family Belidae	169	Family Apionidae
165	Family Oxycorynidae	170	Family Curculionidae
166	Family Proterhinidae		

#### Uncertain superfamily position

#### 171 Family Phaenocephalidae

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