

FOSSIL SPECIES

The purpose of this catalog is to provide a guide to the literature dealing with the living species of mosquitoes only, so we do no more here than offer an annotated list of the fossil species that were either included in recent genera, or that are obviously Culicidae as restricted here. For this reason we do not include the new genera and species that Bode (1953) described from immature forms as possibly belonging to the Culicidae. Possibly several of these are Chaoboridae. None seem to be Culicidae and some are probably not Diptera. Those interested in the phylogeny and palaeontology of mosquitoes should consult Edwards (1923c), Christophers (1933:57-59), and Statz (1944).

- arvernensis Piton, Culicites. Mio-pliocene.
1936:17,18,20 (♀*,P*). Type-loc: Lac Chambon, Puy-de-Dome, France (A).
- ceyx Heyden, Culex. Upper Oligocene.
1870:252 (♀*). Type-loc: Siebengebirge, [Rott, near Meissner, Germany] (LU).
- cockerelli (Edwards), Mansonia. Middle Oligocene.
1923c:151 (♀*; ?*Taeniorhynchus*). Type-loc: Gurnet Bay, Isle of Wight, England (BM).
- damnatorum Scudder, Culex. Eocene.
1890:582 (♀*). Type-loc: Green River, Wyoming, United States (MCZ).
- depereti Meunier, Culicites. Oligocene.
1915:17 (A). Type-loc: Aix en Provence, [Bouches-du-Rhone], France (LGUL).
- flavus Gistel, Culex. Quarternary (Copal).
1831:247 (A). Type-loc: Brazil (LU).
- fossilis Brodie, Culex. Jurassic (Purbeck Strata).
1845:34 (A*). Type-loc: Vale of Wardour, Wiltshire, England (BM). [probably a chironomid, not a culicid].
- loewi (Giebel), Toxorhynchites. Quarternary (Gum Copal).
1862:317 (A; *Culex*). Type-loc: [?East Africa] (NMC). Hennig 1966: 5 (n. comb.). Stone 1967:218 (tax.).
- martinii Statz, Mansonia. Upper Oligocene.
1941:8 (♀*). Type-loc: Rott, [near Meissner, Germany] (LACM). Statz 1944:110 (♀*).
- proavitus Scudder, Culex. Tertiary.
1877:744 (A). Type-loc: Fossil Canyon, Utah, United States (NE). [probably a psychodid, not a culicid].
- protolepis (Cockerell), Aedes. Middle Oligocene.
1916:488 (A*; *Culex*). Type-loc: Gurnet Bay, Isle of Wight, England (USNM). Edwards 1923c:142 (♂*,♀*).
- petrifactellus* Cockerell 1916:489 (A*; *Culex*). Type-loc: Gurnet Bay, Isle of Wight, England (USNM).
- protorhinus Cockerell, Culex. Middle Oligocene.
1916:488 (♂*). Type-loc: Gurnet Bay, Isle of Wight, England (USNM). Edwards 1923c:148 (♂*,♀*).