

A Preliminary checklist of the Hydrophiloidea (Coleoptera) of Maryland

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The only lists of Hydrophiloidea (Coleoptera: Hydrophilidae, Helophoridae, Hydrochidae, and Hydraenidae) from the mid-Atlantic region are Ulke (1902) who reported 46 species from the District of Columbia and Matta (1974) who presented keys and short descriptions for the 49 aquatic species of Hydrophilidae of Virginia.

The following checklist records 103 species (75 aquatic) from Maryland. Comparable lists of aquatic species for other states are as follows: 53 species recorded from Florida by Young (1954); 20 species recorded from Ithaca, New York by Swenson (1982); 67 species from North and South Carolina by Brigham (1982); and 47 species from Illinois by Wooldridge (1967). Hatch (1965) recorded 128 species (of all habitats, 102 aquatic) from the Pacific Northwest; and 88 species (67 aquatic) reported from New York by Leng (1928).

HELOPHORIDAE

Helophorus linearis LeConte
Helophorus lineatus Say
Helophorus inquinatus Mannerheim

HYDROPHILIDAE HYDROPHILINAE

Tropisternus natator D'Orchymont
Tropisternus blatchleyi blatchleyi D'Orchymont
Tropisternus collaris striolatus (LeConte)
Tropisternus lateralis nimbalis (Say)
Hydrophilus triangularis (Say)
Dibolocelus ovatus (Gemminger & Harold)
Hydrochara soror Smetana
Hydrochara brevipalpis Smetana
Hydrochara obtusata (Say)
Hydrochara occulta (D'Orchymont)

CHAETARTHIRIINAE

Chaetarthria atra (LeConte)
Chaetarthria pallida (LeConte)

BEROSINAE

Berosus aculeatus LeConte
Berosus exiguus (Say)
Berosus fraternus LeConte
Berosus ordinatus LeConte
Berosus pantherinus LeConte
Berosus peregrinus (Herbst)
Berosus striatus (Say)

HYDROBIINAE

Laccobius magnus Cheary
Laccobius minutoides D'Orchymont

Laccobius spangerli Cheary
Laccobius reflexipennis Malcolm
Enochrus sublongus (Fall)
Enochrus consors (LeConte)
Enochrus consortus Green
Enochrus perplexus (LeConte)
Enochrus ochraceus (Melsheimer)
Enochrus cinctus (Say)
Enochrus pygmaeus nebulosus (Say)
Enochrus hamiltoni (Horn)
Enochrus reflexipennis (Zimmerman)
Enochrus blatchleyi Fall
Hydrobius fuscipes (L.)
Hydrobius melaenus (Germar)
Hydrobius tumidus LeConte
Sperchopsis tessellatus Ziegler
Paracymus nanus (Fall)
Paracymus subcupereus (Say)
Crenitulus suturalis (LeConte)
Helochares maculicollis Mulsant
Helocombus bifidus (LeConte)
Cymbiodyta blanchardi Horn
Cymbiodyta chamberlaini Smetana
Cymbiodyta minima Notman
Cymbiodyta rotunda (Say)
Cymbiodyta semistriata (Zimmerman)
Cymbiodyta vindicata Fall

SPHAERIDIINAE

Cercyon (Prostercyon) roseni Knish
Cercyon (Cercyon) pubescens LeConte
Cercyon (Cercyon) connivens Fall
Cercyon (Cercyon) mendax Smetana
Cercyon (Cercyon) praetextatus (Say)
Cercyon (Cercyon) quisquilius (L.)
Cercyon (Cercyon) unipunctatus (L.)
Cercyon (Cercyon) versicolor Smetana
Cercyon (Cercyon) assecla Smetana
Cercyon (Cercyon) occallatus (Say)
Cercyon (Cercyon) lateralis (Marsham)
Cercyon (Cercyon) haemorrhoidalis (Fab.)
Cercyon (Cercyon) pygmaeus (Illiger)
Cercyon (Cercyon) terminatus (Marsham)
Cercyon (Cercyon) atricapillus (Marsham)
Cercyon (Cercyon) depressus Stephens
Cercyon (Paracercyon) analis (Paykull)
Cercyon (Paracercyon) minusculus Melsh.
Phaenonotum extriatum (Say)
Sphaeridium bipustulatum Fab.
Sphaeridium lunatum Fab.
Sphaeridium scarabaeoides (L.)
Genyon navicularis Zimmerman
Penelus costatus (LeConte)
Cryptopleurum subtile Sharp
Cryptopleurum americanum Horn
Cryptopleurum minutum (Fab.)
Cryptopleurum vagans LeConte

HYDROCHIDAE

Hydrochus excavatus LeConte
Hydrochus inaequalis LeConte
Hydrochus rufipes Melsheimer
Hydrochus rugosus Mulsant
Hydrochus scabratus Mulsant
Hydrochus simplex LeConte
Hydrochus squamifer LeConte
Hydrochus subcuperus Randall
Hydrochus n. sp. 1
Hydrochus n. sp. 2
Hydrochus n. sp. 3
Hydrochus n. sp. 4
Hydrochus n. sp. 5

The five new species exist as manuscript names in the unpublished PhD thesis of J. L. Hellman (1975).

HYDRAENIDAE

Hydraena pennsylvanica Kiesenwetter
Hydraena quadricurvipes Perkins
Hydraena angulicollis Notman
Hydraena ancylis Perkins
Hydraena atlantica Perkins
Hydraena appalachicola Perkins
Hydraena youngi Perkins
Hydraena spangerli Perkins
Hydraena marginicollis Kiesenwetter
Ochtaebius benefossatus LeConte
Limnebius discolor Casey

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