

## A PRELIMINARY CHECK-LIST OF THE AQUATIC HYDROPHILIDAE OF ILLINOIS

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ABSTRACT. — A list of species of hydrophilid water beetles known to occur in Illinois is presented.

The following list of the hydrophilid water beetles was made as part of a continuing survey of the aquatic beetles of Illinois. This list includes all species which the author has seen from Illinois or collected personally. The responsibility for all identifications is his. An indication of the known distribution is made for those species which do not appear to occur throughout the state, although complete county by county records must await the results of continuing collecting.

### Bercosinae

- Berosus paganus* LeC.  
Southern half of Illinois  
*B. unicolor* LeC.  
*B. pantherinus* LeC.  
*B. peregrinus* (Hbst.)  
*B. exiguus* (Say)  
*B. infuscatus* LeC.

- B. striatus* (Say)  
*B. fraternus* LeC.  
*Derrisus altus* (LeC.)  
Extreme southern Illinois

### Hydrophilinae

- Hydrophilus triangulatus* (Say)  
*Hydrockera obtusata* (Say)  
*Ditolocelus eximus* (G. & H.)  
*Tropisternus mexicanus mexicanus* (Cast.)  
Southwestern part of Ill. in counties bordering Mississippi and Illinois Rivers  
*T. mexicanus striolatus* (LeC.)  
Southern half of Ill.  
*T. lateralis nimbatus* (Say)  
*T. glaber* (Hbst.)  
Extreme northern Illinois  
*T. Matchleyi modestus* d'Orch.  
*T. scutatus* d'Orch.  
*T. ellipticus* (LeC.)  
West central Illinois
- ### Hydrobiinae
- Hydrobia fuscipes* Linn.  
Northern Illinois  
*Anacana hubatsi* (Fab.)

*Heterocerus maculicollis* Muls.

Southern two-thirds of Illinois

*Iaccobius agilis* Rand.

*Crenitis losanius* (Fall)

Only Madison Co. records known

*Helocombus bifidus* (LeC.)

*Paracymus despectus* (LeC.)

*P. subcupreus* (Say)

*Enochrus pygmaeus* (Fab.)

*E. ochraceus* (Meish.)

*E. persicus* (LeC.)

*E. cinctus* (Say)

*E. horxi* Leech

*E. consarius* Green

Southern one-third of state

*S. diffusus* (LeC.)

*Cymbiodyla fimbriata* (Meish.)

*C. Blanchardi* Horn

Northern Illinois

*C. mixta* Notw.

Northern Illinois

*C. ruficollis* Fall

*C. acuminata* Fall

#### Chaetarthrinae

*Chaetarthria atra* (LeC.)

The author would appreciate seeing any specimens of Illinois water beetles

and will gladly determine any which are sent to him.

Five other species, known to occur in surrounding states, have been omitted from the list because specimens from Illinois have not yet been seen by the author. These are *Tropisternus mixtus* (LeC.), *Hydrobius lamidus* LeC., *H. melanicus* Germ., *Cymbiodyla rotunda* (Say), and *Chaetarthria pallida* (LeC.).

*Hydrochus* and *Helophorus* which have often been included in the Hydrophilidae are not treated here, since studies of their larval characters indicate that they should be treated as separate families.

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