

## A Preliminary Checklist of the Hydradephaga (Coleoptera) of Maryland

C. L. Staines, Jr.  
3302 Decker Place, Edgewater, Maryland 21037

The only published checklist of the Hydradephaga from the Maryland area is Ulke (1902) who records 65 species from the District of Columbia. The present paper lists 121 species as occurring in Maryland. Comparable lists for other states are as follows: Young (1954), 120 species from Florida; Folkerts (1978), 120 species from Alabama; Leng (1928), 171 species from New York; and Brigham (1982) and Sanderson (1982), 115 species from North and South Carolina. Some of the identifications are questionable until generic revisions are completed. This is especially true of *Hydroporus* and *Gyrinus*.

### Haliplidae

- Peltodytes dietrichi* Young
- Peltodytes duodecimpunctatus* (Say)
- Peltodytes edentulus* (LeConte)
- Peltodytes lengi* Roberts
- Peltodytes muticus* (LeConte)
- Peltodytes sexmaculatus* Roberts
- Peltodytes shermani* Roberts
- Haliplus fasciatus* Aube
- Haliplus immaculicollis* Harris
- Haliplus leopardus* Roberts
- Haliplus pantherinus* Aube
- Haliplus punctatus* Aube
- Haliplus triopsis* Say

### Dytiscidae

#### Laccophilinae

- Laccophilus proximus* Sharp
- Laccophilus fasciatus rufus* Melsheimer
- Laccophilus maculosus maculosus* Say
- Laccophilus schwarzi* Fall
- Laccophilus undatus* Aube

### Hydroporinae

- Hydrovatus pustulatus pustulatus* Melsheimer
- Bidessonotus longovalis* (Blatchley)
- Liodessus affinis* (Say)
- Liodessus flavicollis* (LeConte)
- Desmopachria grana* (LeConte)
- Uvarus granarius* (Aube)
- Uvarus lacustris* (Say)
- Celina angustata* Aube
- Celina hubbelli* Young
- Celina slossoni* Mutchler
- Hygrotus sayi* J. Balfour-Brown
- Hygrotus dissimilis* Gemminger & Harold
- Hygrotus nubilus* (LeConte)
- Hydroporus clypealis* Sharp
- Hydroporus mellitus* LeConte
- Hydroporus striatopunctatus* Melsheimer

(Continued on p. 155)

- Hydroporus signatus youngi* Gordon
- Hydroporus niger* Say
- Hydroporus ruficeps* Aube
- Hydroporus carolinus* Fall
- Hydroporus tigrinus* Fall
- Hydroporus consimilis* LeConte
- Hydroporus oblitus* Aube
- Hydroporus shermani* Fall
- Hydroporus venustus* LeConte
- Hydroporus deflatus* Fall
- Hydroporus sulcipennis* Fall
- Hydroporus cimicoides* Sharp
- Hydroporus wickhami* Zaitzev
- Hydroporus pulcher* LeConte
- Hydroporus undulatus* Say
- Hydroporus dilatatus* Fall
- Hydroporus effeminatus* Fall
- Hydroporus solitarius* Sharp
- Hydroporus blanchardi* Sherman
- Hydroporus americanus* Aube
- Hydroporus brevicornis* Fall
- Hydroporus spurius* LeConte
- Hydroporus lobatus* Sharp
- Hydroporus filiolus* Fall
- Deronectes griseostriatus* (DeGeer)

### Colymbetinae

- Agabus obtusatus* (Say)
- Agabus aeruginosus* Aube
- Agabus ambiguus* Say
- Agabus anthracinus* Mannerheim
- Agabus disintegratus* Crotch
- Agabus erythropterus* Say
- Agabus gagates* Aube
- Agabus planatus* Sharp
- Agabus punctatus* Melsheimer
- Agabus seriatus seriatus* (Say)
- Agabus stagninus* Say
- Agabus taeniolatus* (Harris)
- Laccornis difformis* (LeConte)
- Laccornis etnieri* Wolfe & Spangler
- Ilybius biguttulus* (Germar)
- Ilybius oblitus* Sharp
- Agabites acuductus* (Harris)
- Matus bicarinatus* (Say)
- Matus ovatus ovatus* Leech
- Copelatus glyphicus* (Say)
- Copelatus punctulatus* Aube
- Coptotomus lenticus* Hilsenhoff
- Coptotomus interrogatus* (Fab.)
- Rhantus binotatus* (Harris)
- Rhantus calidus* (Fab.)
- Hoperius plantatus* Fall
- Colymbetes sculptilis* Harris

(Continued from p. 118)

- Dytiscinae
- Dytiscus fasciventris* Say  
*Dytiscus hybridus* Aube  
*Dytiscus verticalis* Say  
*Thermonectus basillaris basillaris* (Harris)  
*Thermonectus nigricollis ornaticollis* (Aube)  
*Graphoderus liberus* (Say)  
*Acilius fraternus* (Harris)  
*Acilius mediatus* (Say)  
*Acilius semisulcatus* Aube  
*Hydaticus bimarginatus* (Say)

Cybistrinae

- Cybister fimbriolatus fimbriolatus* (Say)

Noteridae

- Suphisellus puncticollis* (Crotch)  
*Suphisellus bicolor punctipennis* (Sharp)  
*Hydrocanthus iricolor* Say  
*Hydrocanthus oblongus* Sharp

Gyrinidae

- Dineutus angustus* LeConte  
*Dineutus assimilis* (Kirby)  
*Dineutus carolinus* LeConte  
*Dineutus ciliatus* (Forsberg)  
*Dineutus discolor* Aube  
*Dineutus emarginatus* Say  
*Dineutus horni* Roberts  
*Dineutus nigrior* Roberts  
*Gyrinus aeneolus* LeConte  
*Gyrinus rockinghamensis* LeConte  
*Gyrinus analis* Say  
*Gyrinus lecontei* Fall  
*Gyrinus borealis* Aube  
*Gyrinus frosti* Fall  
*Gyrinus elevatus* LeConte  
*Gyrinus lugens* LeConte  
*Gyrinus aquiris* LeConte  
*Gyrinus marginellus* Fall  
*Gyrinus woodruffi* Fall  
*Gyrinus pernitidus* LeConte

Acknowledgements

I would like to thank E. J. Ford, USDA, APHIS; C. Mitter, University of Maryland; and P. J. Spangler, Smithsonian Institution, for allowing me to examine the collections under their care. I would also like to thank F. N. Young, University of Indiana, for critical review of this manuscript and for the Maryland records from his collection; M. W. Sanderson and P. J. Spangler for review of the manuscript.

Literature Cited

- Brigham, W. U. 1982. Families Haliplidae, Dytiscidae, and Noteridae in A. R. Brigham, W. U. Brigham, and A. Gnilka (eds.). Aquatic insects and Oligochaetes of North and South Carolina. Midwest Aquatic Enterprises, Mahomet, IL.
- Cross, J. L. 1972. New state records of aquatic insects from Virginia. Proc. Entomol. Soc. Wash. 74:476.
- Fall, H. C. 1923. A revision of the North American species of **Hydroporus** and **Agaporus**. John D. Sherman, Jr., Mt. Vernon, NY. 129pp.
- Folkerts, G. W. 1978. A preliminary checklist of the Hydradephaga (Coleoptera) of Alabama. Coleopt. Bull. 32:345-347.
- Leng, C. W. 1928. Order Coleoptera in M. D. Leonard (ed.). A list of the insects of New York with a list of the spiders and other allied groups. Cornell Univ. Agric. Expt. Stn. Mem. 101:1-1120.
- Michael, A. G., and J. F. Matta. 1977. The Dytiscidae of Virginia (Coleoptera: Adephaga) (Subfamilies Laccophilinae, Colymbetinae, Dytiscinae, Hydaticinae, and Cybistrinae). Va. Polytech. Inst. & St. Univ. Res. Div. Bull. 124:1-53.
- Roughley, R. E. and D. H. Pengelly. 1981. Classification, phylogeny, and zoogeography of **Hydaticus** Leach (Coleoptera: Dytiscidae) of North America. Quaest. Entomol. 17:249-309.
- Sanderson, M. W. 1982. Family Gyrinidae in A. R. Brigham, W. U. Brigham, and A. Gnilka (eds.). Aquatic insects and Oligochaetes of North and South Carolina. Midwest Aquatic Enterprises, Mahomet, IL.
- Ulke, H. 1902. List of beetles of District of Columbia. Proc. U. S. Nat. Mus. 25:1-57.
- Wolfe, G. W. and J. F. Matta. 1981. Notes on nomenclature and classification of **Hydroporus** subgenera with the description of a new genus of Hydroporini (Coleoptera: Dytiscidae). Pan-Pacific Entomol. 57:149-175.
- Young, F. N. 1954. The water beetles of Florida. Univ. Fla. Studies, Biol. Series 5:ix-238.
- Young, F. N. 1979. A key to the Nearctic species of **Celina** with descriptions of new species (Coleoptera: Dytiscidae). Jour. Kansas Entomol. Soc. 52:820-830.