

## FAMILY DYTISCIDAE (Predaceous diving beetles)

D.J. Larson and R.E. Roughley

Two hundred and sixty species of Dytiscidae are known from Canada and Alaska, making this the largest family of aquatic beetles in the region. These beetles occur in a wide variety of shallow water habitats. The richest fauna is in the emergent vegetation zone along the edges of pools, small ponds and small, slow streams. A number of species are characteristic of cold water habitats such as small seepages and springs, and bog, forest, alpine and arctic pools. Clear, gravelly streams and saline ponds each contain distinctive groups of species.

Adults are predators or scavengers on dead animals while all larvae are apparently predaceous. The range of prey taken probably is determined by what prey of suitable size is available, but some hydropterines feed largely on microcrustacea while some colymbetines prey mainly on culicid larvae. As far as is known or can be inferred, all species in the fauna are univoltine or semivoltine. Most species overwinter as adults but timing of breeding and occurrence of larval stages vary greatly among species. Representative larvae of most genera have been described, but larvae are known for only a small percentage of species.

The family is relatively well known taxonomically. The principal taxonomic problems include: relating the northern Nearctic fauna with that of the Palaearctic; analysing and interpreting patterns of geographical variation which in many species are complex; development of supraspecific classification, especially within the larger genera. Identification of species may be very difficult as differences between species are often subtle thus there is a need for additional character analysis to provide better species definitions and characters for their recognition. Reviews and revisions of many genera have been, or are being, prepared but no single publication treats the entire fauna. The regional works of Hatch (1953) and Larson (1975) together cover most of the western and boreal species. Fairly complete faunal lists exist for Manitoba (Wallis 1973) and Newfoundland (Larson and Colbo 1983). Good keys to adults and larvae of most North American genera are given by Leech and Chandler (1956) and White et al. (1984). Within the United States, a number of works treating the fauna of various states exist. Some of these that are especially valuable aids in interpreting the Canadian fauna are: California (Leech and Chandler 1956), Florida (Young 1954), Maine (Malcolm 1971), Nevada (La Rivers 1951), North Dakota (Gordon and Post 1965), North and South Carolina (Brigham 1982), and Utah (Anderson 1962). Zaitzev (1953) outlined the Palaearctic distribution of Holarctic species.

AK (92); YK (111); NT (119); BC (168); AB (151); SK (124); MB (145); ON (152); PQ (146); NB (82); NS (78); PE (32); LB (74); NF (78); H (45)

### Subfamily COPELATINAE Tribe Copelatini

Genus COPELATUS Erichson

Key to North American species: Young (1963a)

C. chevrolati Aubé	-	-	-	-	-	-	-	-	ON	-	-	-	-	-	-
renovatus Guignot															
C. glyphicus (Say)	-	-	-	-	-	-	-	-	ON	PQ	-	NS	PE	-	NF

### Subfamily LACCOPHILINAE Tribe Laccophilini

Genus LACCOPHILUS Leach

Key to North American species: Zimmerman (1970)

L. biguttatus Kirby*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	-	-	LB	-
inconspicuus Fall														
stroehmi C.G.Thomson														
L. maculosus Say	-	-	-	BC	AB	SK	MB	ON	PQ	NB	NS	PE	-	-
californicus Motschulsky														
desciptions LeConte														
fuscus Sharp														
shermani Leech														
truncatus Mannerheim														
L. proximus Say	-	-	-	-	-	-	-	ON	-	-	-	-	-	-
americanus Aubé														
confusus Sharp														
L. undatus Aubé	-	-	-	-	-	-	-	ON	-	-	-	-	-	-

### Subfamily METHLINAE Tribe Methlini

Genus CELINA Aubé  
Key to North American species: Young (1979b)

C. hubbelli Young - - - - - - - - ON PQ - - - - -

Subfamily HYDROPORINAE  
Tribe Hydrovatini

Genus HYDROVATUS Motschulsky  
Key to North American species: Young (1956, 1963b)

H. pustulatus (Melsheimer) - - - - - - - - ON PQ - - - - -  
compressus Sharp  
cuspidatus auct. amer.

Tribe Hyphydrini

Genus DESMOPACHRIA Babington  
Key to North American species: Young (1980, 1981)

D. convexa (Aubé) - - NT BC AB SK MB ON PQ NB NS PE - -

Tribe Bidessini  
Key to genera: Young (1967)

Genus BIDESSIONOTUS Régimbart  
Key to North American species: Balfour-Browne (1947)

B. inconspicuus (LeConte) - - - - - - - - ON PQ - NS - - -

Genus LIODESSUS Guignot

L. affinis (Say) AK YK NT BC AB SK MB ON PQ NB NS PE - NF  
charlotti (Clark)  
emilianus (Clark)  
macularis (LeConte)  
microreticulatus (Hatch)  
nanus (Aubé)  
nigrinus (Casey)  
obscurellus (LeConte)  
s-erythrostromus (Mannerheim)  
L. cantralli (Young) - - - - AB SK MB - - - - -  
L. flavicollis (LeConte) - - - - - - MB ON PQ - - - - -  
L. fuscatus (Crotch) - - - - - SK MB ON PQ - NS - LB -

Genus NEOCLYPEODYTES Young

N. ornatellus (Fall) - - - BC - - - - - - - - -

Genus UVARUS Guignot

U. granarius (Aubé) - - - - - - MB ON PQ NB NS - - -  
U. lacustris (Say) - - - - - - ON - - - - -  
U. subplicatus (Hatch) - - - BC - - - - - - - - -

Tribe Hydroporini

Genus HYGROTUS Stephens  
 Coelambus C.G.Thomson

Key to North American species: Anderson (1971, 1976, 1983)

H. acaroides (LeConte)	-	-	-	-	-	-	MB	-	-	-	-	-	-	-
winnipeg (Wallis)														
H. compar (Fall)	AK	-	-	BC	AB	SK	MB	ON	PQ	NB	-	-	LB	-
H. dissimilis Gemminger & Harold	-	-	-	BC	AB	-	MB	ON	PQ	-	-	-	-	-
dispar (LeConte)														
H. falli (Wallis)	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	NF
H. farctus (LeConte)	-	-	-	-	AB	SK	MB	-	PQ	NB	-	-	-	-
H. impressopunctatus (Schaller)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
similis (Kirby)														
H. infuscatus (Sharp)	-	YK	NT	BC	AB	SK	MB	-	-	-	-	-	-	-
dentiger (Fall)														
oregonus (Fall)														
H. intermedius (Fall)	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
H. laccophilinus (LeConte)	-	-	NT	-	-	SK	MB	ON	PQ	NB	NS	-	-	-
H. lutescens (LeConte)	AK	-	-	BC	-	-	-	-	-	-	-	-	-	-
impressifrons Motschulsky														
infacetus (Clark)														
medialis (LeConte)														
H. marklini (Gyllenhal)*	AK	YK	NT	-	AB	SK	MB	-	PQ	-	-	-	-	NF
canadensis (Fall)														
virgo (Fall)														
H. masculinus (Crotch)	-	-	-	BC	AB	SK	MB	-	-	-	-	-	-	-
fastidiosus (Fall)														
H. nigrescens (Fall)	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
H. novemlineatus hudsonicus (Fall)*	AK	YK	NT	-	-	-	MB	-	PQ	-	-	-	-	-
H. nubilus (LeConte)	-	-	-	-	-	-	-	ON	PQ	NB	NS	-	-	-
H. obscureplagiatus (Fall)	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
columbianus (W.J.Brown)														
H. patruelis (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	-	-	-	LB	NF
borealis (Fall)														
discoideus (LeConte)														
quebecensis (W.J.Brown)														
H. picatus (Kirby)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
H. punctilineatus (Fall)	-	YK	-	BC	AB	SK	MB	ON	-	-	-	-	-	-
H. salinarius (Wallis)	-	-	NT	-	AB	SK	MB	-	-	-	-	-	-	-
H. sayi Balfour-Browne	-	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
punctatus (Say)														
H. sellatus (LeConte)	-	-	NT	-	AB	SK	MB	ON	-	-	-	-	-	-
H. semivittatus (Fall)	-	-	-	BC	AB	-	MB	-	-	-	-	-	-	-
H. suturalis (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	-	-	-	LB	NF
ovoideus (LeConte)														
H. sylvanus (Fall)	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-
H. tumidiventris (Fall)	-	-	NT	BC	AB	SK	MB	ON	-	-	-	-	-	-
H. turbidus (LeConte)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	-	NS	PE	-	-
H. unguicularis (Crotch)*	AK	YK	NT	BC	AB	SK	MB	-	PQ	-	-	-	LB	NF
mongolicus (Jakovlev)														

Genus HYDROPORUS Clairville

(Subgenus HETEROSTERNUTA Strand)

(Heterosternus Zimmermann)

(Heterostethus Falkenstrom)

Key to species: Matta & Wolfe (1981)

H. alleghenianus Matta & Wolfe	-	-	-	-	-	-	-	-	PQ	NB	-	-	-	-
H. cocheconis Fall	-	-	-	-	-	-	-	-	PQ	-	-	-	-	-
H. pulcher LeConte	-	-	-	-	-	-	-	ON	PQ	NB	NS	-	LB	NF
H. wickhami Zaitzev	-	-	-	-	-	-	-	ON	PQ	NB	-	-	-	-
concinnus LeConte														

(Subgenus SANFILIPPODYTES Franciscolo)

H. browni Wallis	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
H. brumalis W.J.Brown	-	-	-	-	-	-	-	-	PQ	-	-	-	-	-
H. compertus W.J.Brown	-	-	-	BC	AB	-	-	-	-	-	-	-	-	-
H. edwardsi Wallis	-	-	-	BC	AB	-	-	-	-	-	-	-	-	-
H. falsificus W.J.Brown	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
H. pacificus Fall	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
H. planiusculus Fall	-	-	-	BC	AB	SK	MB	ON	PQ	-	-	-	LB	NF
H. terminalis Sharp	-	-	-	BC	-	-	-	-	-	-	-	-	-	-

Incertae sedis

H. acadianus Balfour-Browne	-	-	-	-	-	-	-	-	-	-	NS	-	-	-
H. persimilis Crotch aequus Fall	-	-	-	-	-	-	-	-	PQ	-	NS	-	LB	NF
H. paugus Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	-	LB	NF
H. rubyae Larson	-	YK	NT	BC	AB	SK	MB	ON	PQ	NB	-	-	LB	NF
H. stagnalis Gemminger & Harold collaris LeConte	-	-	NT	-	AB	SK	MB	ON	PQ	NB	NS	PE	-	NF

(Subgenus NEOPORUS Guignot)

(Circinoporus Guignot)

Key to species: Fall (1923) & Wolfe (1984)

H. carolinus Fall	-	-	-	-	-	-	-	ON	PQ	NB	NS	-	LB	NF
H. clypealis Sharp anticus Sharp	-	-	-	-	-	-	-	ON	PQ	NB	NS	-	-	NF
H. dilatatus Fall	-	-	-	-	-	-	-	-	-	NB	-	-	-	-
H. dimidiatus Gemminger & Harold semirufus LeConte	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
H. mellitus LeConte	-	-	-	-	-	-	-	ON	PQ	NB	-	-	-	-
H. solitarius Sharp	-	-	-	-	-	SK	MB	ON	PQ	NB	NS	PE	LB	NF
H. spurius LeConte peltatus Sharp	-	-	-	-	-	-	-	ON	PQ	NB	-	-	-	-
H. sulcipennis Fall	-	-	-	-	-	-	-	-	PQ	NB	-	-	-	-
H. superioris Balfour-Browne sericeus LeConte	-	-	NT	BC	AB	SK	MB	ON	-	-	-	-	-	-
H. tennetum Wolfe	-	-	-	-	-	-	-	ON	-	-	-	-	-	-
H. undulatus Say anticus Sharp consimilis LeConte fasciatus Harris placatus Fall pubipennis Aubé punctatissimus Aubé scrutator Sharp velutinus Aubé	-	-	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
H. vittatus LeConte	-	-	-	-	AB	SK	MB	ON	-	-	-	-	-	-
H. vitiosus LeConte	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-

(Subgenus HYDROPORUS s.str.)

Key to North American species: Fall (1923)

H. americanus Aubé	-	-	-	-	-	-	-	-	-	-	NS	-	-	-
H. appalachius Sherman signatus Sharp	-	YK	NT	BC	AB	SK	MB	ON	PQ	-	-	-	-	-
H. badiellus Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	-	LB	NF
H. brevicornis Fall	-	-	-	-	-	-	-	-	PQ	NB	NS	-	LB	NF
H. carri Larson	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
H. columbianus Fall	-	YK	NT	BC	AB	SK	MB	ON	PQ	NB	-	-	-	-
H. dentellus Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	-
H. despectus Sharp rusticus Sharp	-	YK	NT	BC	AB	-	MB	ON	PQ	-	NS	-	-	NF
H. dichrous Melsheimer discicollis Say	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-
H. fatigus Gordon	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
H. fortis LeConte	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
H. funestus Fall	-	-	-	BC	-	SK	-	-	-	-	-	-	-	-
H. fuscipennis Schaum*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	-	-	LB	NF

criniticoxis Larson	
piceus Sturm	
puberulus Mannerheim	
H. lapponum Gyllenhal	AK YK NT BC - - MB ON PQ - - - LB NF
labradorensis Fall	
H. larsoni Nilsson	- YK NT BC AB SK MB - PQ - - - LB -
H. longiusculus Gemminger & Harold	AK - - BC - - - - - - - - -
oblongus Aubé	
H. mannerheimi Balfour-Browne	AK YK NT BC AB - - - - - - - - -
humeralis Aubé	
H. melsheimeri Fall	- - - - - - - ON PQ - - - - -
H. morio Aubé*	AK YK NT BC AB SK MB ON PQ - - - LB NF
caliginosus LeConte	
melanocephalus Gyllenhal	
H. nigellus Mannerheim*	AK YK NT BC AB SK MB ON PQ NB - - LB NF
H. niger Say	- - - - - - - ON PQ NB NS PE - NF
latifrons Sharp	
modestus Aubé	
H. notabilis LeConte	AK YK NT BC AB SK MB ON PQ NB NS PE LB NF
arcticus C.G.Thomson	
H. obscurus Sturm*	AK YK NT BC AB SK MB ON PQ NB - - LB NF
hockingi Larson	
H. occidentalis Sharp	- YK - BC AB SK - - - - - - - - -
H. pervicinus Fall	- - - BC AB SK MB - - - - - - - - -
H. polaris Fall	AK YK NT - - - MB - PQ - - - - - - -
subvirescens Fall	
H. puberulus LeConte*	AK YK NT BC AB - MB ON PQ NB - - LB NF
levanderi J.Sahlberg	
H. rectus Fall	AK YK NT BC AB SK MB ON PQ NB - - LB NF
H. rufinus Mannerheim	AK YK NT BC AB SK MB ON PQ - NS - - -
H. sibiricus J.Sahlberg*	AK YK NT - - - - - - - - - - -
boreus Gordon	
H. signatus Mannerheim	AK YK NT BC AB SK MB ON PQ NB NS PE LB NF
inornatus Sharp	
youngi Gordon	
H. similis Fall	- - - BC - - - - - - - - - - -
H. sinuatipes Fall	- - - BC - - - - - - - - - - -
H. striola (Gyllenhal)*	AK YK NT BC AB SK MB ON PQ NB NS - LB NF
ambiguus Aubé	
subtonsus LeConte	
vittula Erichson	
H. tademus Leech	- - - BC AB - - - - - - - - - - -
H. tartaricus LeConte*	AK YK NT BC AB - MB ON PQ - - - - - - -
caminarius Motschulsky	
lugubris Motschulsky	
melancholicus Motschulsky	
H. tenebrosus LeConte	AK YK NT BC AB SK MB ON PQ - NS - - NF
luridipennis LeConte	
lutulentus LeConte	
H. transpunctatus H.P.Chandler	- - - BC AB - - - - - - - - - - -
H. tristis (Paykull)*	AK YK NT BC AB SK MB ON PQ NB NS - LB NF
elongatulus Schiodte	
ruficapillus Mannerheim	
varians LeConte	

Genus POTAMONECTES Zimmermann

Deronectes auct. amer.

Potamodytes Zimmermann

Key to North American species: Zimmerman & Smith (1975a)

P. aequinoctialis (Clark)	- - - - AB - - - - - - - - -
P. deceptus (Fall)	- - - BC - - - - - - - - - - -
P. depressus (Fabricius)*	- - NT - AB - MB - - - - - - - - -
P. elegans (Panzer)*	- - - BC AB SK MB ON - - - - - - - - -
P. griseostriatus (DeGeer)*	AK YK NT BC AB SK MB ON PQ NB NS PE LB NF
catascopium (Say)	
coloradensis (Fall)	



Key to North American species: Fall (1922b)

A. adpressus Aubé* solus Leech	AK YK NT BC - - - - - - - - - -
A. aeruginosus Aubé dispositus Guignot	- - - - - - - ON - - - - - -
A. ajax Fall fuscipennis auct. amer.	- YK NT BC AB SK MB ON PQ - - - LB -
A. ambiguus (Say) fimbriatus LeConte reticulatus Aubé	- YK - BC AB SK MB ON PQ NB NS PE LB NF
A. antennatus Leech clavatus LeConte	AK YK NT BC AB SK MB ON PQ - - - LB -
A. anthracinus Mannerheim scapularis Mannerheim	AK YK NT BC AB SK MB ON PQ NB NS - LB NF
A. approximatus Fall	- - NT BC AB SK - - - - - - - -
A. arcticus (Paykull)* reticulatus (Kirby) subfasciatus LeConte	AK YK NT BC AB SK MB ON PQ - - - LB NF
A. audeni Wallis	AK YK NT BC AB SK MB - - - - - - -
A. austinii Sharp	AK YK NT BC AB - - - - - - - -
A. bicolor (Kirby) mutus Sharp	AK YK NT BC AB SK MB ON - - NS - - -
A. bifarius (Kirby)* kessleri Hochhuth	AK YK NT BC AB SK MB ON PQ NB NS - LB -
A. bjorkmanae Hatch rectus (LeConte)	- - - BC AB - - - - - - - - -
A. canadensis Fall	- YK - BC AB SK MB - - - - - - -
A. clavicornis Sharp* verus W.J.Brown	AK YK NT BC - SK MB - - - - - - -
A. colymbus Leech	- YK NT - - - MB - - - - - - - -
A. confertus LeConte	- - - BC - - - - - - - - - -
A. confinis (Gyllenhal)* longulus (LeConte) ovoideus (Crotch)	AK YK NT BC AB SK MB ON PQ - NS - LB NF
A. coxalis Sharp*	AK YK NT BC - - - - - - - - - -
A. discolor (Harris)	AK YK NT BC AB SK MB ON PQ NB NS PE LB -
A. discors LeConte	- - - BC - - - - - - - - - -
A. disintegratus (Crotch)	- - - - - - ON PQ - - - - - -
A. elongatus (Gyllenhal)* bryanti Carr	AK YK NT BC AB SK MB - - - - - - -
A. erichsoni Gemminger & Harold* lutosus (Crotch) nigroaeneus Erichson sobrinus Motschulsky	AK YK NT BC AB SK MB ON PQ NB NS - LB NF
A. erythropterus (Say)	- - - - - - - ON PQ NB NS - - NF
A. falli (Zimmermann) semipunctatus auct. amer. sharpi Fall	- - - - AB SK MB ON PQ - - - - -
A. fuscipennis (Paykull)* ontarionis Fall	AK YK NT BC AB SK MB ON - - - - - -
A. gagates Aubé	- - - - - - - ON PQ NB NS - - -
A. hypomelas Mannerheim irregularis Mannerheim	AK - - BC AB - - - - - - - - -
A. infuscatus Aubé	AK YK NT BC AB - MB ON PQ - - - LB NF
A. inscriptus (Crotch)	AK YK NT BC AB SK MB ON PQ - NS - LB NF
A. leptapsis (LeConte)	- YK - BC AB SK MB ON PQ NB NS - LB NF
A. lugens LeConte perplexus Sharp suturalis (Crotch)	- - - BC - - - - - - - - - -
A. lutosus LeConte discolor LeConte lecontei (Crotch) mimus Leech	- - - BC AB SK - - - - - - - - -
A. margaretae Larson	- - - - AB SK - - - - - - - - -
A. moestus (Curtis)* borealis Sharp nigripalpis (J.Sahlberg)	AK YK NT - - - MB ON PQ - - - - -
A. nectris Leech	- - - BC AB SK - - - - - - - - -





I. quadrimaculatus Aubé	AK	-	-	BC	AB	-	-	-	-	-	-	-	-	-
I. subaeneus (Erichson)*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	-	-	-	LB	NF
viridianeus Crotch														
I. vittiger (Gyllenhal)*	AK	YK	NT	BC	-	-	MB	-	-	-	-	-	-	-

Tribe Agabetini

Genus AGABETES Crotch

A. aceductus (Harris)	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-
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Tribe Colymbetini

Genus COLYMBETES Clairville

Cymatopterus Dejean

Key to North American species: Zimmerman (1981)

C. dahuricus Aubé*	AK	YK	NT	BC	AB	SK	MB	ON	-	-	-	-	-	-
obscuratus Mannerheim														
seminiger LeConte														
C. densus LeConte	AK	YK	-	BC	AB	SK	MB	-	-	-	-	-	-	-
inaequalis Horn														
C. dolabratus (Paykull)*	AK	YK	NT	BC	-	-	MB	-	PQ	-	-	-	LB	NF
drewsoni LeConte														
groenlandicus Aubé														
marginalis (Fabricius)														
thomsoni Sharp														
triseriatus Kirby														
C. exaratus LeConte	-	YK	NT	BC	AB	SK	MB	-	-	-	-	-	-	-
incognitus Zimmerman														
rugipennis Sharp														
C. paykulli Erichson*	-	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	-	-	NF
longulus LeConte														
C. sculptilis Harris	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF

Genus NEOSCUTOPTERUS Balfour-Browne

Pseudoscutopterus Hatch

Key to species: Larson (1975)

N. angustus (LeConte)	-	YK	-	BC	AB	SK	MB	ON	PQ	NB	NS	-	LB	NF
N. horni (Crotch)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	-	-	LB	-
coriaceus Horn														

Genus RHANTUS Dejean

Key to North American species: Zimmerman & Smith (1975)

(Subgenus NARTUS Zaitzev)

(Rantogiton des Gozis)

R. sinuatus (LeConte)	-	-	NT	BC	AB	SK	MB	ON	PQ	-	NS	-	-	-
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(Subgenus RHANTUS s.str.)

R. binotatus (Harris)	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
aequalis Hatch														
assimilis (Kirby)														
divisus (Aubé)														
flavogriseus Crotch														
longipes Sharp														
obscurus Sharp														
plebeius Sharp														
R. consimilis Motschulsky	-	-	NT	BC	AB	SK	MB	ON	PQ	-	-	-	-	-



D. hatchi Wallis	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
D. hybridus Aubé compar (Melsheimer)	-	-	-	-	AB	SK	MB	ON	PQ	NB	-	-	-	-
D. marginicollis LeConte albionicus Motschulsky fuscostriatus Motschulsky	-	-	NT	BC	AB	SK	MB	-	-	-	-	-	-	-
D. verticalis Say	-	-	-	-	-	-	MB	ON	PQ	NB	NS	PE	-	-

Tribe Hydatricini

Genus HYDATRICUS Leach

Key to North American species: Roughley & Pengelly (1981)

(Subgenus HYDATRICUS s.str.)

H. aruspex Clark* americanus Sharp laevipennis C.G.Thomson modestus Sharp	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
H. piceus LeConte	-	-	-	-	AB	SK	MB	ON	PQ	-	NS	-	-	-

Tribe Aciliini

Genus ACILIUS Leach

Key to North American species: Hilsenhoff (1975)

A. abbreviatus Mannerheim oregonensis Crotch	AK	-	-	BC	AB	-	-	-	-	-	-	-	-	-
A. athabascae Larson	-	-	-	BC	AB	SK	MB	ON	PQ	-	-	-	-	-
A. medius (Say) maccullochii (Kirby)	-	-	-	-	-	-	-	ON	PQ	NB	NS	-	-	-
A. semisulcatus Aubé	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF
A. sylvanus Hilsenhoff	-	-	-	-	-	-	MB	ON	PQ	-	-	-	-	-

Genus GRAPHODERUS Dejean

Key to North American species: Wallis (1939)

G. fascicollis (Harris)	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-
G. liberus (Say) brunnipennis Aubé rugicollis Kirby thoracicus Harris	-	-	NT	BC	AB	SK	MB	ON	PQ	NB	NS	-	-	NF
G. manitobensis Wallis	-	-	-	-	-	-	MB	-	-	-	-	-	-	-
G. occidentalis Horn	-	YK	NT	BC	AB	SK	MB	ON	PQ	-	-	-	-	-
G. perplexus Sharp elatus Sharp	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	LB	NF

Genus THERMONECTUS Dejean

T. basilaris (Harris)	-	-	-	-	-	-	-	ON	-	-	-	-	-	-
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Tribe Cybisterini

Genus CYBISTER Curtis

C. fimbriolatus (Say) crotchi Wilke olivieri Crotch	-	-	NT	BC	-	-	MB	ON	-	-	NS	-	-	-
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