

FAMILY ANTHICIDAE (Antlike flower beetles)

Y. Bousquet

This family comprises 54 species in Canada and Alaska. The adults are usually found under debris and in leaf litter on the ground or on flowers and foliage; the larvae live in the soil and in decayed vegetation. Apparently, members of many species are scavengers; those of some species are known to be egg predators.

The North American species of this family are usually grouped into two subfamilies, the Notoxinae and the Anthicinae. Thanks to the works of Werner and Chandler, the taxonomy of most of the groups occurring in North American has been worked out.

AK (2); YK (2); NT (5); BC (29); AB (24); SK (24); MB (19); ON (25); PQ (15); NB (9); NS (5); PE (1); NF (3); I (3)

Subfamily NOTOXINAE

Tribe Notoxini

Genus MECYNOTARSUS LaFerté-Sénéctère

Key to New World species: Chandler (1977)

M. candidus LeConte - - - - AB - - - - - - - - - -

Genus NOTOXUS Fabricius

Ceratoderus Blanchard

Monocerus Faldermann

Key to North American species: Chandler (1982)

N. anchora Hentz	-	-	NT	-	AB	SK	MB	ON	PQ	NB	-	PE	-	-
N. bifasciatus (LeConte)	-	-	-	-	-	-	MB	-	-	-	-	-	-	-
N. cavicornis LeConte	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
breviusculus Fall														
obesulus Blaisdell														
N. desertus Casey	-	-	-	-	-	-	-	ON	-	-	-	-	-	-
constrictus Casey														
N. intermedius Fall	-	-	-	-	AB	SK	-	-	-	-	-	-	-	-
parvidens Fall														
N. manitoba Chandler	-	-	-	-	-	-	MB	-	-	-	-	-	-	-
N. marginatus LeConte	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
N. montanus Casey	-	-	-	-	AB	-	-	-	-	-	-	-	-	-
microcerus Casey														
similis Fall														
N. pictus Casey	-	-	-	BC	AB	-	-	-	-	-	-	-	-	-
N. robustus Casey	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
humboldti Casey														
N. schwarzi Horn	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
N. serratus (LeConte)	-	-	-	BC	AB	SK	-	-	-	-	-	-	-	-
digitalis LeConte														
vandykei Blaisdell														
N. subtilis LeConte	-	-	-	-	AB	SK	MB	ON	-	-	-	-	-	-

Subfamily ANTHICINAE

Tribe Anthicini

A. nanus LeConte	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
amoenus Casey														
innocens Casey														
inscitus Casey														
nympha Casey														
obliquus Casey														
peninsularis Casey														
vagans Casey														
A. nigritus Mannerheim	AK	YK	NT	-	-	-	-	-	-	-	-	-	-	-
A. praeceps Casey	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
A. punctulatus LeConte	-	-	-	BC	AB	SK	MB	-	-	-	-	-	-	-
cephalotes Casey														
decrepitus Casey														
mercurialis Casey														
monticola Casey														
A. scabriceps LeConte	-	-	-	-	AB	SK	MB	ON	PQ	NB	NS	-	-	NF
compositus Casey														

Genus SAPINTUS Casey

Key to North American species: Werner (1962)

S. fulvipes (LaFerté-Sénéctère)	-	-	-	BC	-	-	MB	ON	-	-	-	-	-	-
colonus Casey														
rusticus Casey														
S. lemniscatus Werner	-	-	-	-	-	-	-	ON	-	-	-	-	-	-
S. pubescens (LaFerté-Sénéctère)	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-
S. pusillus (LaFerté-Sénéctère)	-	-	-	-	-	-	MB	ON	PQ	-	NS	-	-	-
binominatus Pic														
festinans Casey														
mollis Casey														

Genus STRICTICOMUS Pic

S. tobias (Marseul)+	-	-	-	-	-	-	-	-	PQ	-	-	-	-	-
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Genus OMONADUS Mulsant & Rey

Hemantus Casey

Key to North American species: Werner (1964)

O. floralis (Linné)+	-	-	-	BC	AB	SK	MB	ON	PQ	NB	-	-	-	NF
?basillaris (Say)														
O. formicarius (Goeze)+	-	-	-	BC	AB	SK	MB	ON	PQ	NB	-	-	-	-
enodis (Casey)														
rixator (Casey)														
scenicus (Casey)														

Genus MALPORUS Casey

M. cinctus (Say)	-	-	-	-	-	SK	-	ON	-	-	-	-	-	-
M. formicarius (LaFerté-Sénéctère)	-	-	-	-	-	SK	MB	ON	PQ	NB	NS	-	-	-

Genus THICANUS Casey

T. mimus Casey - - - BC AB SK MB - - - - - - -

Genus EUVACUSUS Casey

E. coloradanus Casey - - - BC AB SK MB - - - - - - -

Genus VACUSUS Casey
Key species: Werner (1961)

V. formicetorum (Wasmann) - - - - AB SK - - - - - - -
 desertorum Casey
 prominens Casey
 suspectus Casey
V. nigrutilus (LeConte) - - - BC - - - - - - -
 arcanus Casey

Genus ISCHYROPALPUS LaFerté-Sénéctère
Lappus Casey
Key to North American species: Werner (1973)

I. cochisei Werner - - - BC - - - - - - -
I. nitidulus (LeConte) - - - BC - - - ON PQ - - - - -
 alacer (Casey)
 asperulus (Casey)
 cursor (Casey)
 nubilatus (Casey)
 solivagans (Casey)
 vigilans (Casey)
I. obscurus (LaFerté-Sénéctère) - - - - - ON PQ - - - - -
I. turgidicollis (Casey) - - - BC - - - - - - -
 animatus (Casey)
I. sturmi (LaFerté-Sénéctère) - - - - - ON - - - - -
 elegans (LaFerté-Sénéctère)

Genus TANARTHURUS LeConte
Key species: Chandler (1975)

(subgenus TANARTHROPSIS Casey)

T. salicola LeConte - - - - - SK - - - - - - -
 densus Casey
 mormon Wickham
 nubifer Casey
 tricolor Casey
 virginalis Wickham