

FAMILY ANOBIIDAE (Deathwatch beetles)

J. McNamara

The anobiids include 74 species in Canada and Alaska. Larvae of most species bore into dead hardwoods and softwoods; two species of *Ernobius* attack and destroy pine cones; one species, *Anobium punctatum* (the furniture beetle), damages woodwork, furniture, bookbindings, and similar products. The beetles often produce a tapping sound in their burrows, which gives rise to ancient superstitions of being a warning of death, hence the vernacular name "deathwatch beetle". Some species feed in the young stems or shoots of growing trees. Two species, *Stegobium paniceum* (the drugstore beetle) and *Lasioderma serricorne* (the cigarette beetle) are serious pests of stored products, including drugs, tobacco, seeds, spices, cereal products, leather, and museum specimens.

The North American anobiids are relatively well-known taxonomically thanks to the work of White who published a key to the genera (1971), a number of generic revisions, and a catalogue of the North American species (1982).

AK (4); YK (3); NT (1); BC (30); AB (11); SK (9); MB (19); ON (42); PQ (31); NB (8); NS (7); NF (7); I (5)

Subfamily DRYOPHILINAE Tribe Eucradini

Genus EUCRADA LeConte

E. humeralis (Melsheimer)	-	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-
E. robusta Van Dyke	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-

Subfamily ERNOBIINAE Tribe Xestobiini

Genus XESTOBIUM Motschulsky

Key to North American species: White (1975a)

X. abietis Fisher	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
X. affine LeConte	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
X. gaspensis R.E.White	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-	-
X. marginicolle (LeConte)	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-

Genus UTOBIUM Fall

Key to North American species: White (1966, 1976)

U. elegans (Horn)	-	-	-	BC	-	-	-	ON	PQ	-	-	-	-	-	-
U. granulatum R.E.White	-	-	-	-	-	-	-	-	PQ	-	-	-	-	-	-

Tribe Ernobiini

Genus EPISERNUS Thomson

E. trapezoideus (Fall)	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
------------------------	---	---	---	----	---	---	---	---	---	---	---	---	---	---	---

Genus ERNOBIUS Thomson Philoxylon LeConte

<i>E. bicolor</i> R.E.White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NF
<i>E. gentilis</i> Fall	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
<i>E. luteipennis</i> LeConte	-	-	-	-	-	-	-	-	PQ	-	-	-	-	-	-
<i>E. mollis</i> (Linné)+ <i>convexifrons</i> (Melsheimer)	-	-	-	-	-	-	-	ON	-	-	NS	-	-	-	NF
<i>E. nigrans</i> Fall	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
<i>E. pallitarsis</i> Fall	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
<i>E. punctulatus</i> (LeConte)	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
<i>E. schedli</i> W.J.Brown	-	-	-	-	-	-	-	ON	-	-	-	-	-	-	NF

Subfamily ANOBIINAE
Tribe Euceratocerini

Genus CTENOBIUM LeConte

<i>C. antennatum</i> LeConte	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-	-
------------------------------	---	---	---	---	---	---	---	----	----	---	---	---	---	---	---

Tribe Gastrallini

Genus GASTRALLUS Jacquelin du Val

<i>G. marginipennis</i> LeConte	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
---------------------------------	---	---	---	----	---	---	---	---	---	---	---	---	---	---	---

Tribe Nicobiini

Genus TRICHODESMA LeConte
 Ptinodes LeConte

<i>T. gibbosa</i> (Say)	-	-	-	-	-	-	-	ON	-	-	-	-	-	-	-
<i>T. klagesi</i> Fall	-	-	-	-	-	-	-	ON	-	-	-	-	-	-	-

Tribe Stegobiini

Genus STEGOBIUM Motschulsky

<i>S. paniceum</i> (Linné)+ <i>obesum</i> (Melsheimer) <i>tenuistriatum</i> (Say)	AK	-	-	BC	-	SK	MB	ON	PQ	NB	-	-	-	-	NF
---	----	---	---	----	---	----	----	----	----	----	---	---	---	---	----

Genus OLIGOMERUS Redtenbacher
 Key to North American species: White (1976)

<i>O. alternans</i> LeConte	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-	-
<i>O. crestonensis</i> Hatch	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
<i>O. obtusus</i> LeConte	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-	-
<i>O. sericans</i> (Melsheimer)	-	-	-	-	-	-	-	ON	-	-	-	-	-	-	-

Tribe Anobiini

Genus PLATYBREGMUS Fisher

P. canadensis Fisher - - - - - ON - - NS - - -

Genus ANOBIUM Fabricius

A. punctatum (DeGeer)+
pumilum LeConte - - - BC - - MB - PQ - NS - - NF

Genus HEMICOELUS LeConte

Cacotemnus LeConte

Key to North American species: White (1976)

H. carinatus (Say) - - - BC - SK MB ON PQ NB - - - -
errans (Melsheimer)
linearis (LeConte)
H. defectus (Fall) - - - BC - - MB ON PQ - - - - -
H. gibbicollis (LeConte) AK - - BC - - - - - - - - -
destructor (Fisher)
roguensis (Hatch)
H. pusillus (Fall) - - - - - ON PQ - - - - -
H. umbrosus (Fall) AK YK - - - - MB ON PQ NB - - - -

Genus MICROBREGMA Seidlitz

M. emarginatum emarginatum (Duftschmid)+
foveatum (Kirby) - - - BC AB SK MB ON PQ - - - - -
M. emarginatum granicolle Fall - - - BC - - - - - - - - -

Tribe Hadrobregmini

Genus HADROBREGMUS C.G.Thomson

Coelostethus LeConte

H. americanus (Fall) - - - BC - - - - - - - - -
H. notatus (Say) - - - - - ON PQ - NS - - - -
H. quadrulus (LeConte) - - - BC - - - - - - - - -
H. truncatus (Fall) - - - BC - - - - - - - - -

Genus PRIOBIUM Motschulsky

Key to North American species: White (1975b)

P. sericeum (Say) - - - - - MB ON PQ NB NS - - -

Genus DESMATOGASTER Knutson

D. subconnata (Fall) - YK - - AB - MB - PQ - - - - -

Subfamily PTILININAE
Tribe Ptilinini

Genus PTILINUS O.F.Muller

P. lobatus Casey - - - BC - - MB ON - - - - -
 serricollis Say
 P. pruinus Casey - - - - - MB ON PQ NB - - - -
 P. ruficornis Say - - - - AB - - ON PQ - NS - - -
 bicolor Melsheimer

Subfamily XYLETININAE
Tribe Xyletinini

Genus VRILLETTA LeConte
Pseudoxyletinus Pic

V. decorata Van Dyke - - - BC - - - - - - - - -
 V. laurentina Fall - - - - - ON PQ - - - - -

Genus EUVRILLETTA Fall
Oligomerodes Fall
Key to North American species: White (1985)

E. brevis R.E.White - - - - AB - - ON - - - - -
 E. harrisii (Fall) - - - - - ON PQ - - - - -
 E. peltata (Harris) - - - - - MB ON PQ - - - - -

Genus XYLETINUS Latreille
Key to North American species: White (1973, 1977)

X. bicolor R.E.White - YK - - AB SK MB - - - - -
 X. confusus R.E.White - - NT BC AB - - - - -
 X. fucatus LeConte - - - BC - SK MB ON PQ NB - - - NF
 X. lugubris LeConte - - - - AB SK MB - - - - -
 X. rotundicollis R.E.White - - - BC AB SK - - - - -

Tribe Lasiodermini

Genus LASIODERMA Stephens

L. serricorne (Fabricius)+ AK - - - AB - - ON PQ - - - - -
 castaneum Melsheimer

Subfamily DORCATOMINAE
Tribe Calymmaderini

Genus CALYMMADERUS Solier
Eupactus LeConte

C. nitidus (LeConte) - - - - - - - - - - - - - - -

Tribe Petaliini

Genus PETALIUM LeConte
Rev. to North American species: Ford (1973)

P. bistriatum (Say) - - - - - - - - ON - - - - -
P. seriatum Fall - - - - - - - - ON - - - - -

Tribe Prothecini

Genus SCULPTOTHECA Schilsky

S. puberula (LeConte) - - - - - - - - ON - - - - -

Genus STAGETUS Wollaston
Key to New World species: White (1975b)

S. profundus (LeConte) - - - - - - - - ON - - - - -
striatopunctatus (LeConte)

Tribe Dorcatomini

Genus DORCATOMA Herbst
Key to North American species: White (1966)

D. falli R.E.White - - - - - - - - ON - - - - -
D. integra (Fall) - - - BC - - - - - - - -
D. moderata R.E.White - - - - - MB ON PQ - - - - -
D. pallicornis LeConte - - - - - SK MB ON PQ NB - - - NF
foveata R.E.White
D. setulosa LeConte - - - - - - - - ON PQ - - - - -

Genus CAENOCARA C.G.Thomson
Tylistus LeConte

C. bicolor (Germar) - - - - - MB ON - - - - -
C. blanchardi Fall - - - BC - - - - - - - -
C. oculatum (Say) - - - - - ON PQ NB NS - - - - -
C. scymnoides LeConte - - - BC AB SK MB ON PQ - - - - -
C. tenuipalpum Fall - - - - - - - - ? - - - - -

