

FAMILY DERMESTIDAE (Dermestid beetles)

Y. Bousquet

This family is represented in Canada and Alaska by 48 species and subspecies. Dermestids are usually found on flowers, dried animal carcasses and in social Hymenoptera, bird and mammal nests where they feed on pollen, feathers, hair, fur or remains of insects. Half of the Canadian species, however, are household and museum pests; they cause damage to a wide variety of products such as carpets, silk, fur, feathers, wool, leather, seeds, grain, cereal products as well as dried insects collections.

The taxonomy of the North American dermestids is relatively well-known thanks to the work of Beal who revised most genera occurring in the area. Mroczkowski (1968) published a catalogue of the world fauna.

AK (5); YK (3); NT (6); BC (31); AB (16); SK (10); MB (14); ON (24); PQ (16); NB (4); NS (5); PE (4); NF (4); I (17)

Tribe Dermestini

Genus DERMESTES Linné

(Subgenus DERMESTINUS Zhantiev)

D. caninus Germar	-	-	-	BC	AB	SK	-	ON	-	-	-	-	-	-
murinus LeConte														
nubilus Say														
tessellatus Herbst														
D. carnivorus Fabricius+	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
mucoreus LeConte														
sobrinus LeConte														
versicolor Castelnau														
D. fasciatus LeConte	-	-	-	-	AB	SK	MB	-	-	-	-	-	-	-
D. frischii Kugelann+	-	-	-	BC	-	-	-	ON	PQ	-	NS	-	-	-
D. maculatus DeGeer+	-	-	-	BC	-	-	MB	ON	PQ	-	-	-	-	-
elongatus Hope														
lupinus Mannerheim														
truncatus Casey														
vulpinus Fabricius														
D. marmoratus Say	-	-	-	BC	AB	-	MB	-	-	-	-	-	-	-
D. talpinus Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	-	-	-	-
D. tristis Fall	-	-	-	BC	AB	-	-	-	-	-	-	-	-	-

(Subgenus DERMESTES s.str.)

D. ater DeGeer+	-	-	-	-	-	-	MB	ON	PQ	-	-	-	-	-
D. lardarius Linné+	-	-	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	-	NF
D. pulcher LeConte	-	-	-	-	-	-	MB	-	-	-	-	-	-	-
D. reductus Kalik	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
D. signatus LeConte	-	-	-	BC	AB	SK	MB	-	-	-	-	-	-	-

Tribe Attagenini

Key to North American species: Beal (1970)

Genus ATTAGENUS Latreille

A. brunneus Faldermann+	-	-	-	-	-	-	-	?	?	-	-	-	-	-
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elongatulus Casey																				
extricatus Casey																				
A. pellio (Linné)+	-	-	-	BC	-	-	-	-	-	-	-	NS	-	-	-					
A. schaefferi hypar Beal	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-					
A. unicolor japonicus Reitter+	-	-	-	BC	-	SK	MB	ON	PQ	-	-	-	PE	-	NF					
canadensis Casey																				
A. unicolor unicolor (Brahm)+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
megatoma (Fabricius)																				
piceus (Olivier)																				

Genus NOVELSIS Casey
Genattus Sharp

(Subgenus PARANOVELSIS Casey)

N. perplexa (Jayne)	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-				
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Tribe Megatomini

Genus TROGODERMA Dejean

Key to North American species: Beal (1954)

T. glabrum (Herbst)+	-	-	-	-	AB	-	-	ON	PQ	-	-	-	-	-	-				
boron Beal																			
T. inclusum LeConte	-	-	-	BC	-	SK	MB	ON	-	-	-	-	-	-	-				
advena Casey																			
brunnescens Casey																			
frosti Casey																			
nigrescans Casey																			
obsolescens Casey																			
T. ornatum (Say)	-	-	-	-	-	-	-	ON	-	-	-	-	-	-	-				
pallipes Ziegler																			
parvulum Casey																			
procerum Casey																			
pusillum LeConte																			
serriferum Dalla Torre																			
serrigerum Casey																			
tarsale Melsheimer																			
T. simplex Jayne	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-				
ajax Casey																			
pollens Casey																			
T. sinistrum Fall	AK	YK	NT	BC	AB	SK	MB	ON	PQ	-	-	-	-	-	-				
T. sternale sternale Jayne	-	-	-	BC	-	-	-	ON	PQ	-	-	-	-	-	-				
caseyi Arrow																			
simulans Casey																			
variipes Casey																			
T. variabile Ballion+	-	-	-	-	AB	SK	-	ON	-	-	-	-	PE	-	-				
parabile Beal																			
scabripennis Casey																			

Genus REESA Beal

R. vespulae (Milliron)	-	-	NT	BC	AB	SK	MB	ON	PQ	-	-	PE	-	NF					
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Genus MEGATOMA Herbst

Key to North American species: Beal (1967)

(Subgenus MEGATOMA s.str.)

M. pubescens (Zetterstedt) - - - BC - - - - - - - - -
 prolixa Beal

(Subgenus PERIMEGATOMA Horn)

M. ampla (Casey) - - - BC - - - - - - - - -
 M. angularis Mannerheim AK - - - - - - - - -
 M. cylindrica (Kirby) AK YK NT BC AB - - ON - - - - -
 impressa (Casey)
 monticola (Casey)
 M. giffardi (Blaisdell) AK - - - - - - - - -
 M. leucochlidon Beal - - - BC - - - - - - - - -
 M. variegata (Horn) - - - BC AB - - - - - - - - -
 guadalupensis (Casey)
 jaynei (Casey)
 nevadica (Casey)

Genus PSEUDOHADROTOMA Kalik

Key to North American species: Beal (1967)

P. kaliki Beal - - - BC - - - - - - - - -
 P. perversa (Fall) AK - - BC AB - - - - - - - - -

Genus DEARTHTRUS LeConte

Key to North American species: Beal (1967)

D. stebbinsi Beal - - - BC - - - - - - - - -

Genus CRYPTORHOPALUM Guérin-Méneville

Key to North American species: Beal (1985a)

C. haemorrhoidale (J.E.LeConte) - - - - - - - ON - - - - -
 C. triste LeConte - - - - - - - ON - - - - -
 fusciclave Casey
 modestum Casey
 nigricorne LeConte
 picicorne LeConte

Tribe Anthrenini

Genus ANTHRENUS I.C.Schaeffer

Key to Eastern North American species: Hoebeke et al. (1985)

(Subgenus ANTHRENUS s.str.)

A. pimpinellae Fabricius+	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
conspersus Casey														
lepidus LeConte														
nevadicus Casey														
obtectus Casey														
occidens Casey														
pictus Casey														
suffusus Casey														
A. scrophulariae (Linné)+	-	-	-	BC	-	-	-	ON	PQ	NB	NS	-	-	-
thoracicus Melsheimer														

(Subgenus NATHRENUS Casey)

A. verbasci (Linné)+	-	-	-	BC	AB	-	MB	ON	-	-	-	-	-	-
caseyi Hinton														
destructor Melsheimer														
pistor Casey														
substriatus Casey														
vorax Casey														

(Subgenus FLORILINUS Mulsant & Rey)

A. castaneae Melsheimer	-	-	-	-	-	-	-	ON	PQ	NB	-	-	-	-
carolinae Casey														
A. museum (Linné)+	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	NF

(Subgenus HELOCERUS Mulsant & Rey)

A. fuscus Olivier+	-	-	-	-	-	-	-	ON	PQ	-	NS	-	-	-
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Tribe Orphilini

Genus ORPHILUS Erichson

Key to North American species: Beal (1985b)

O. ater Erichson	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-
O. subnitidus LeConte	-	-	-	BC	-	-	-	-	-	-	-	-	-	-
aequalis Casey														
chalybeus Casey														

Tribe Thylo driini

Genus THYLODRIAS Motschulsky

T. contractus Motschulsky+	-	-	NT	-	AB	-	MB	ON	PQ	-	-	-	-	-
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