

FAMILY SILPHIDAE (Carrion beetles)

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The carrion beetles belong to a family of about 175 species found primarily in the Northern Hemisphere, with a few species having ranges extending into South America, southeast Asia and Australia. Twenty-five species are known to occur in Canada and Alaska. Carrion beetles are common and because of their large size and often bright colors are frequently collected. Both adults and larvae of most species feed on carcasses of vertebrates; others are scavengers, and some species of *Achlypea* are phytophagous and may be considered as pests of cultivated crops such as spinach.

The family name Silphidae is used in the restricted sense of Lawrence (1982a), Lawrence and Newton (1982), and Anderson and Peck (1985). These authors exclude the agyrtids, treating them as a separate family, the Agyrtidae. The Canadian and Alaskan species are well known taxonomically based on a handbook of the species by Anderson and Peck (1985) and a catalog of the North American species by Peck and Miller (1989).

AK (8); YK (6); NT (9); BC (13); AB (17); SK (18); MB (18); ON (18); PQ (15); NB (10); NS (11); PE (7); LB (1); NF (6); H (4)

Subfamily SILPHINAE

Genus NECRODES Leach Protonecrodus Portevin

N. surinamensis (Fabricius) - - - BC AB SK MB ON PQ NB NS PE - NF

Genus THANATOPHILUS Leach Philas Portevin

T. coloradensis (Wickham) AK - - BC - - - - - - - -
obalskii (Portevin)
T. lapponicus (Herbst)* AK YK NT BC AB SK MB ON PQ NB NS - LB NF
californicus (Mannerheim)
caudatus (Say)
tuberculatus (Germer)
T. sagax (Mannerheim) AK YK NT BC AB SK MB ON PQ - - - - -
T. trituberculatus (Kirby) AK - NT - AB SK MB ON - - - - -

Genus OICEOPTOMA Leach

O. inaequale (Fabricius) - - - - - - - ON PQ - - - - -
O. noveboracense (Forster) - - - - AB SK MB ON PQ NB NS PE - -
marginale (Fabricius)
marginata Kirby

Genus NECROPHILA Kirby & Spence

N. americana (Linné) - - - - - - MB ON PQ NB NS - - -
affinis (Kirby)
canadensis (Kirby)
peltata (Catesby)
terminata (Kirby)

Genus HETEROSILPHA Portevin

H. ramosa (Say) - - NT BC AB SK MB ON - - - - -
cervaria (Mannerheim)

Genus ACLYPEA Reitter Blitophaga Reitter

A. bituberosa (LeConte) - - NT BC AB SK MB - - - - -

A. opaca (Linné)*

AK YK NT - - - - - - - - - -

Subfamily NICROPHORINAE

Genus NICROPHORUS Fabricius
Neonicrophorus Hatch

<i>N. americanus</i> Olivier	-	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-
<i>grandis</i> Fabricius															
<i>virginicus</i> Frolich															
<i>N. carolinus</i> (Linné)	-	-	-	-	AB	-	-	-	-	-	-	-	-	-	-
<i>mediatus</i> Fabricius															
<i>mysticallis</i> Angell															
<i>N. defodiens</i> Mannerheim	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	-	NF	
<i>binotatus</i> Portevin															
<i>conversator</i> Walker															
<i>kadjakensis</i> Portevin															
<i>lateralis</i> Portevin															
<i>mannerheimi</i> Portevin															
<i>plagiatus</i> Motschulsky															
<i>pollinctor</i> LeConte															
<i>N. guttula</i> Motschulsky	-	-	-	BC	AB	SK	-	-	-	-	-	-	-	-	-
<i>hecate</i> Bland															
<i>immaculosis</i> Hatch															
<i>punctostriatus</i> Pierce															
<i>N. hybridus</i> Hatch & Angell	-	-	-	BC	AB	SK	MB	ON	-	-	-	-	-	-	-
<i>N. investigator</i> Zetterstedt*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	-	NS	PE	-	NF	
<i>aleuticus</i> Gistel															
<i>confossor</i> LeConte															
<i>infodiens</i> Mannerheim															
<i>maritimus</i> Guérin-Méneville															
<i>melsheimeri</i> Kirby															
<i>particeps</i> Fischer von Waldheim															
<i>pollinctor</i> Mannerheim															
<i>N. marginatus</i> Fabricius	-	-	-	BC	AB	SK	MB	ON	PQ	-	-	-	-	-	-
<i>cordiger</i> Portevin															
<i>labrae</i> Pierce															
<i>latifrons</i> Pierce															
<i>mckittricki</i> Pierce															
<i>montezumae</i> Matthews															
<i>obtusiscutellum</i> Pierce															
<i>requiescator</i> Gistel															
<i>N. nigrita</i> Mannerheim	-	-	-	BC	-	-	-	-	-	-	-	-	-	-	-
<i>alpha</i> Pierce															
<i>ruficornis</i> Motschulsky															
<i>N. obscurus</i> Kirby	-	-	-	-	AB	SK	MB	-	-	-	-	-	-	-	-
<i>melsheimeri</i> LeConte															
<i>N. orbicollis</i> Say	-	-	-	-	-	SK	MB	ON	PQ	NB	NS	PE	-	-	-
<i>hallii</i> Kirby															
<i>quadrisignatus</i> Castelnau															
<i>N. pustulatus</i> Herschel	-	-	-	-	AB	SK	MB	ON	PQ	NB	NS	-	-	-	-
<i>bicolon</i> Newman															
<i>fasciatus</i> Portevin															
<i>tardus</i> Mannerheim															
<i>unicolor</i> Portevin															
<i>N. sayi</i> Castelnau	-	-	-	-	AB	SK	MB	ON	PQ	NB	NS	-	-	NF	
<i>lunatus</i> LeConte															
<i>luniger</i> Harold															
<i>lunulatus</i> Gistel															
<i>N. tomentosus</i> Weber	-	-	-	-	-	SK	MB	ON	PQ	NB	NS	PE	-	-	-
<i>angustifasciatus</i> Portevin															
<i>aurigaster</i> Portevin															
<i>velutinus</i> Fabricius															
<i>N. vespilloides</i> Herbst*	AK	YK	NT	BC	AB	SK	MB	ON	PQ	NB	NS	PE	-	NF	

hebes Kirby
pygmaeus Kirby