

## FAMILY PTILIIDAE (Feather-winged beetles)

J.M. Campbell

The Ptiliidae, a family of very small beetles, have fringed wings with long filaments giving them a "feather-like" appearance. The family comprises about 560 species worldwide of which 33 are known to occur in Canada and Alaska. Most feather-winged beetles are found in association with moist organic matter such as leaf litter, decaying wood, and fungi.

This is probably the most poorly known family of beetles in North America. Undoubtedly, whenever the family is revised, many additional species will be found, particularly in eastern Canada. The western species were studied by Hatch (1957); Bistrom and Silfverberg (1979) examined many of the generic type species and fixed the generic names. Many Canadian records require confirmation as the identification of most species have not been checked by specialists.

AK (4); BC (17); MB (1); ON (2); PQ (10); NB (5); NS (1); I (11)

### Subfamily PTILIINAE

#### Genus MOTSCHULSKIUM Matthews

M. sinuatocolle Matthews - - - BC - - - - - - - - - - - - - - -

#### Genus PTENIDIUM Erichson

P. nitidum (Heer)+ - - - - - - - - - - NB - - - - -  
P. pullum Maklin+ - - - BC - - - - - - - - - - - - - - -  
P. pusillum (Gyllenhal) - - - BC - - - - - PQ - NS - - - - -  
    apicale Erichson  
P. ulkei Matthews - - - BC - - - - - - - - - - - - - - -

#### Genus ACTIDIUM Matthews

Acteella Motschulsky

A. crotchianum Matthews - - - BC - - - - - - - - - - - - - - -

#### Genus PTILIOLA Haldeman

P. brevicollis (Matthews)+ - - - - - - - - - PQ - - - - - - - - -  
P. collani Mannerheim - - - - - - - - - ON - - - - - - - - -  
    canadensis LeConte

#### Genus PTILIOLUM Flach

P. columbianum (Matthews) - - - BC - - - - - - - - - - - - - - -  
P. obscurum (Matthews) - - - BC - - - - - - - - - - - - - - -  
P. sharpi (Matthews) - - - BC - - - - - - - - - - - - - - -  
P. spencei (Allibert)+ - - - - - - - - - PQ - - - - - - - - -  
    angustatum (Erichson)  
    foersteri (Matthews)

#### Genus PTILIUM Gyllenhal

Millidium Motschulsky

P. minutissimum (Ljungh)+ - - - - - - - - - PQ - - - - - - - - -  
    trisulcatum Aubé

### Subfamily ACROTRICHIINAE

Genus NEPHANES Thomson

N. titan (Newman)+ - - - - - - - - - - PQ - - - - -

Genus PTILIOPYCNA Casey

P. moerens (Matthews) - - - - - - - MB ON PQ - - - - -  
 quadrata (Casey)

Genus ACROTRICHIS Motschulsky  
 Macdonaldium Abdullah & Abdullah  
 Trichopteryx Kirby & Spence

A. castanea (Matthews) - - - BC - - - - - - - - - -  
 A. cognata (Matthews) - - - BC - - - - - - - NB - - - - -  
     platonoffi Renkonen  
     pruinosa Hatch  
 A. diffinis (Matthews) - - - BC - - - - - - - - - -  
 A. fascicularis (Herbst)+ - - - - - - - - - - - NB - - - - -  
 A. fungi (Abdullah & Abdullah) - - - - - - - - - - - PQ - - - - -  
 A. grandicollis (Mannerheim)+ - - - - - - - - - - - PQ - - - - -  
 A. henrici (Matthews) - - - BC - - - - - - - - - -  
     fratercula (Matthews)  
 A. insularis (Maklin) AK - - - BC - - - - - - - - - -  
 A. intermedia (Gillmeister) AK - - - - - - - - - - - - - - - -  
     suffocata (Haliday)  
 A. josephi (Matthews) - - - BC - - - - - - - - - -  
 A. laticollis Maklin AK - - - - - - - - - - - - - - - -  
 A. parallelopeda (Matthews) - - - BC - - - - - - - - - -  
 A. sericans (Heer)+ - - - - - - - - - - - PQ NB - - - - -  
 A. sitkaensis (Motschulsky)\* AK - - - - - - - - - - - - - - - -  
 A. thoracica (Waltl)+ - - - - - - - - - - - PQ - - - - -  
     anthracina (Matthews)  
 A. vicina (Matthews) - - - BC - - - - - - - - - -  
 A. volans (Motschulsky)+ - - - - - - - - - - - NB - - - - -  
     fennica Renkonen  
 A. xanthocera (Matthews) - - - BC - - - - - - - - - -