FAMILY LAGRIIDAE
(Lagriid beetles)

J.M. Campbell

The family Lagriidae is primarily tropical in distribution and comprises over 1000 species worldwide. Only six species have been recorded from Canada. Adults of *Statira* and *Arthromacra* are usually collected by beating the foliage of trees; larvae are thought to breed in decaying wood or leaf litter. Little is known about the biology of the species.

The status of this family is uncertain. In recent studies of the higher classification of the Tenebrionidae, Watt (1974), Doyen and Lawrence (1979) and Doyen and Tschinkel (1982) placed the lagriids in the Tenebrionidae, usually as a subfamily. However, Doyen and Tschinkel (1982) suggested that the lagriids and related groups form the sister group to all other tenebrionids and possibly should be restored to family status. I have preferred to recognize the lagriids as a distinct family until their relationship with respect to other tenebrionoid groups has been better established. The classification of the North American lagriids was reviewed by Parsons (1975) who included Anaedus and Paratenetus in the subfamily Lupropinae (tribe Heterotarsini of the Tenebrionidae in most publications); this subfamily more properly should be named Goniaderinae. Doyen and Tschinkel (1982) have suggested that the genus Paratenetus be placed in or near the tenebrionid tribe Belopini. Until the classification of the Lagriidae is reviewed, I have chosen to follow the arrangement of Parsons (1975).

AB (1); MB (3); ON (5); PQ (3); NB (1); NS (1)

Subfamily GONIADERINAE

Genus PARATENETUS Spinola
Storthephora Maklin

P. crinitus Fall	-	-	-	-	-	-	MB	ON	PQ	-	-	-	-	-
P. fuscus LeConte	-	-	-	-	AB	-	MB	ON	-	-	-	-	-	-
P. punctatus Spinola	-	-	-	-	-	-	-	ON	PQ	-	-	-	-	-

Genus ANAEDUS Blanchard

A. brunneus (Ziegler)	-	-	-	-	-	-	-	ON	-	-	-	-	-	-

Subfamily LAGRIINAE

Genus ARTHROMACRA Kirby
Key to North American species: Parsons (1975a)

A. aenea (Say)	-	-	-	-	-	-	MB	ON	PQ	NB	NS	-	-	-
donacioides Kirby														

Subfamily STATIRINAE

Genus STATIRA Audinet-Serville
Key to North American species: Parsons (1975a)

S. gagatina Melsheimer	-	-	-	-	-	-	-	-	?	-	-	-	-	-
resplendens Melsheimer														