

Table 3. Life history characteristics of common ground beetle species. Species with a mean length of greater than 12 mm are considered large. Medium sized beetles had mean lengths between 7 mm and 12 mm. The egg load is the number of eggs counted in dissected beetles. The peak is the month with the highest mean egg load. The season range included the months that a significant number of eggs were observed in females of that species. Teneral beetles have recently emerged from their pupa and were only observed at one time of year for each species. The proportion of dissected beetles with full wings is also listed. The active period indicates whether the species are more prevalent near the beginning of the growing season (spring), the end of the growing season (fall) or both in the spring and fall (both).

beetle species	Size class	Egg load of females		tenerals observed	full wings	active period
		peak	season range			
<i>Harpalus pennsylvanicus</i>	Large	Sept.	Aug. - Oct.	Jul-Aug	1	fall
<i>Omus audouini</i>	Large	July	Apr. - Aug.	NA	0	spring
<i>Pterostichus algidus</i>	Large	Sept.	Sep. / Oct.	August	0	fall
<i>Pterostichus melanarius</i>	Large	Oct.	Jul. - Oct.	Jun/Jul	0.34	fall
<i>Scaphanotus marginatus</i>	Large	Oct.	Sep. / Oct.	NA	0	fall
<i>Agonum muellerii</i>	Midsized	May	Apr. - Jul.	NA	1	spring
<i>Agonum subsericum</i>	Midsized	June	Apr. - Jul.	July	1	spring
<i>Amara californicus</i>	Midsized	June	May / Jun.	NA	1	spring
<i>Amara littoralis</i>	Midsized	April	Apr. - Jul.	July	1	spring
<i>Anisodactylus binotatus</i> gp.	Midsized	July	May - Aug.	Sep	0.99	spring
<i>Anisodactylus sanctaerucis</i>	Midsized	June	May - Jul.	August	0.98	spring
<i>Harpalus affinus</i>	Midsized	June	May / Jun.	August	1	spring
<i>Nebria brevicaulis</i>	Midsized	Oct.	Sep. / Oct.	Apr/May	1	both