

## Subfamily Lagriinae: Keys

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### Key A

**Key to the Florida species of *Statira* Serville** (modified from Parsons 1975) (underlined terms are defined to the right)

**1.** Disc of pronotum with punctures on the average at least 3x their diameters apart; elytra testaceous to black (except bluish in *croceicollis*).....2

**1'.** Disc of pronotum with punctures separated by about their diameter; rufous, legs testaceous, abdomen piceous, elytra black with metallic bluish-green luster; setigerous punctures on 3<sup>rd</sup> elytral 5-7, on fifth interval 4-5, on 7<sup>th</sup> interval 2 at base, and on 9<sup>th</sup> interval about 6; female apical antennal segment equal to next 3.25 segments, in male equal to next 5.5-5.75 segments. Length 9.0-10 mm.....*liebecki* Leng

**2 (1).** Setigerous punctures on 3<sup>rd</sup> elytral interval 7-18; prothorax and legs testaceous or rufous, head piceous, elytra piceous or black, the elytra with distinct bluish luster; female apical antennal segment equal to next 3-3.5 segments, in male equal to next 4.75-5 segments; length 7.0-10.5 mm.....*croceicollis* Maeklin (**Fig. 2**)

**2'.** Setigerous punctures on 3<sup>rd</sup> elytral interval 1-5.....3

**3 (2').** Setigerous punctures of elytra about the same size as the largest stria punctures; larger, 8-11.5 mm.....4

**3'.** Setigerous punctures of elytra about twice as large as stria punctures; smaller, 6.5-9.5 mm; pronotum more or less shining with very obsolete granular surface and sparse fine punctures; female apical antennal segment equal to next 3-3.3 segments, in male equal to next 5.5-6.5 segments; color brown to black, rarely with testaceous prothorax.....*gagatina* Melsheimer

**4 (3).** Posterior margin of fifth ventral segment produced around a distinct fovea; female apical antennal segment equal to next 3.6-3.75 segments, in male equal to next 4.6-5 segments; color paler, tending toward brown rather piceous, elytra tending to brown especially along sutural margins.....*dolera* Parsons (**Fig. 3**)

**4'.** Posterior margin of fifth ventral segment simple, without fovea; female apical antennal segment equal to next 4 segments or slightly less, in male equal to next 6.5-7 segments; color darker, tending to piceous black, elytra sometimes slightly more pale and with very narrow brown sutural margins, rarely the prothorax may be bright rufous.....*basalis* Horn (**Fig. 1**)

**Fovea-pit**

**Piceous-black**

**Rufous-reddish**

**Setigerous-bearing setae or hairs**

**Testaceous-brownish-yellow**

**Key B**

**Key to the Florida genera [and species] of Goniaderini**

1. Body glabrous; thorax quadrate; margin simple, antennae with last three segments enlarged.....  
.....*Prateus* LeConte [*fuscus* LeConte (length ~3.5 mm)]  
(Fig. 6)

1'. Body pubescent; margin of thorax sometimes denticulate; antennae variable.....2

2 (1'). Antennae gradually expanded; margin of thorax simple, often laterally expanded.....  
*Anaedes* Blanchard [*brunneus* (Ziegler) (length 4.5-5.5 mm)]  
(Fig. 4)

2'. Antennae with last three antennal segments abruptly enlarged; margin of thorax denticulate.....  
*Paratenetus* Spinola [*punctatus* Spinola (length 2.5-4.0 mm)]  
(Fig. 5)

**Denticulate**-set with little teeth

**Glabrous**-smooth, devoid of pubescence

## Subfamily Lagriinae: Species Profiles

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**Fig. 1:** *Statira basalis* Horn

**Length:** 7.5-11.5 mm

**Habitat:** On foliage

**Comments:** Similar to *S. gogatina*



**Fig. 2:** *Statira croceicollis* Mäklin

**Length:** 7.0-10.5 mm

**Habitat:** On foliage

**Comments:** Larvae develop under bark or in stumps



**Fig. 3:** *Statira dolera* Parsons

**Length:** 6.5-9.5 mm

**Habitat:** On foliage

**Comments:** Larvae develop under bark or in stumps



**Fig. 4:** *Anaedus brunneus* (Ziegler)

**Length:** 4.5-5.5 mm

**Habitat:** Under bark/leaf litter in sandy locations

**Comments:** This genus is in need of revision; 5 spp. in the U.S.



**Fig. 5:** *Paratenetus punctatus* Spinola

**Length:** 2.5-4.0 mm

**Habitat:** Dried leaves and fallen branches

**Comments:** Steiner (pers. comm.) has collected these in tent caterpillar 'tents'



**Fig. 6:** *Prateus fuscus* LeConte

**Length:** ~3.5 mm

**Habitat:** Leaf litter

**Comments:** Only 1 sp. known from this genus