

face rougher; thorax closely granulated, opaque, the middle lobe posteriorly, pleura and metathorax, finely rugulose, the latter indistinctly areolated. Wings fuliginous, with a white band across the middle from the base of the stigma, the apex of the wing showing scarcely any white. All the femora are very much swollen, while the abdomen, except the petiole, is smooth, polished; petiole longitudinally striate, somewhat rugose basally.

Hab.—Morgantown, W. Va.

Bred April 29, 1892, from *Scolytus 4-spinosus* living under the bark of *Carya alba*.

(7) *S. simillimus*, sp. n.

♂, ♀.—Length, 2 to 4.5 mm. Black; collar, mesopectus and petiole pale ferruginous or brownish-yellow. Head above transversely aciculated; thorax opaque, closely granulated; the middle mesothoracic lobe posteriorly and the metathorax finely rugose, the latter faintly areolated; petiole striate. Wings fuscous, white at base and tips, and with a transverse white band from the base of stigma. Antennæ in ♀ 32 to 35-jointed, in ♂ 25-jointed, fuscous, pale toward base. Legs fuscous; the coxæ and trochanters, annulus at base of tibiæ and the tarsi, white. Abdomen, except petiole and base of second segment, black, the basal half of the second segment shagreened; ovipositor as long or very little shorter than the body.

Hab.—Morgantown, W. Va.

Bred May 18 and 25, 1892, from *Agrilus bilineatus* living in White Oak stump.

(8) *S. brachyurus*, sp. n. *Spathius brevicaudus*, Ashm., MS. (Olim. preoc.), Ins. Life, IV., p. 258.

♀.—Length, 3 mm.; ovipositor half the length of abdomen. Much like *S. simillimus*, but with the lower part of head, the prothorax, metathorax and petiole brownish, the ovipositor very much shorter, in *simillimus* being about as long as the whole insect, while in *brachyurus* it is only half the length of the abdomen. The head is transversely rugulose; the legs and antennæ brown, the tibiæ not annulated with white, the femora not especially thickened; while the second abdominal segment is perfectly smooth and polished.

Hab.—Morgantown, W. Va.

Bred Nov. 10, 1890, and March 15, 1891, from *Dryocoetes autographus* living under bark of dead *Abies excelsa*.