

All North American specimens of this species are referable to the variety *lateralis* Hahn (1834, p. 85). The typical *unifasciatus* has the pale areas broader than does *unifasciatus lateralis*; the embolium and corium of this variety are pale brown except for a small fuscous patch on the apical area of the corium.

FOOD PLANT.—Northern bedstraw (*Gallium boreale*).

KNOWN DISTRIBUTION.—This is a European species, now known from Alberta, British Columbia, Colorado, Illinois, Iowa, Maine, Minnesota, New York, North Dakota, Nova Scotia, Quebec. Blatchley (1926b, p. 737) records this from Champaign, Ill., June 14, at light, under the name *Polymerus unifasciatus* (Fabricius). Specimens of the typical form from North America have not been seen by the writer.

#### **Polymerus flavocostatus Knight**

*Polymerus flavocostatus* Knight (1926f, p. 165).

FEMALE.—Length 5.00, width 2.30. Head width 1.06, vertex 0.54. Rostrum, length 1.11, extending slightly beyond anterior coxae, or to middle of mesosternum; first and second segments chiefly yellow. Antennae black, with third segment yellowish; first segment, length 0.51; second, 1.80; third, 0.86. Pronotum, length 1.02, width at base 1.70.

MALE.—Length 5.70, width 2.30. Head width 1.06, vertex 0.46. Antennae, first segment, length 0.53; second, 1.86. Hemelytra colored as in female; coxae orange yellow, or dusky only at base, similar to female.

FOOD PLANT.—Goldenrod (*Solidago* sp.).

KNOWN DISTRIBUTION.—Illinois, Iowa, Missouri, Nebraska, North Dakota.

ILLINOIS RECORDS. — CHAMPAIGN: June 15, 1888, C. A. Hart, 1 ♂. GALESBURG: June 18, 1893, 1 ♂. OAKWOOD: June 14, 1930, T. H. Frison, on *Solidago* sp., 1 ♂, 1 ♀. URBANA: June 17, 1889, Marten, 1 ♀; June 19, 1889, C. A. Hart, 1 ♂. WEST PULLMAN: July 30, 1905, W. J. Gerhard, 1 ♀, FM.

#### **Polymerus illini new species**

This differs from *flavocostatus* Knight by the longer rostrum, and from *punctipes* Knight by the black tibiae, the partly black femora and the red orange cuneus.

MALE.—Length 4.85, width 2.50. Head width 1.18, vertex 0.44; black, a glabrous, pale spot either side of vertex. Rostrum, length 1.43, just attaining posterior margin of mesosternum. Antennae black with last two segments yellow; first segment, length 0.44, thickness 0.15; second, length 2.29, thickness 0.15, cylindrical; third, length 0.65; fourth, 0.62. Pronotum, length 1.17, width at base 2.03; black, narrow basal and ventral edge pale. Clothed with silvery, sericeous pubescence intermixed on hemelytra with simple, black pubescence. General color black, embolium pale, cuneus and tip of embolium orange colored; membrane black, narrow pale area bordering cuneus; veins yellowish. Tibiae black, slightly pale near base; femora orange colored, apical half black on dorsal aspect, dark color broken by an incomplete annulus of orange which does not cross dorsal surface; coxae pale to orange, infuscated at base; tarsi yellow, apical segment and claws black.

FEMALE.—Length 5.50, width 2.77. Head width 1.22, vertex 0.56. Antennae, first segment, length 0.45, width 0.16; second, 2.08, thickness 0.10; third, 0.77; fourth, 0.78. Pronotum, length 1.21, width at base 2.25. More robust than male, but very similar in coloration and pubescence.

**Holotype, male.**—Oak Lawn, Ill.: July 1, 1935, DeLong & Ross.

**Allotype, female.**—Onarga, Ill.: June 8, 1933, Mohr & Townsend.

**Paratypes.**—ILLINOIS.—Same data as for holotype, 1 ♀; NORTHERN ILLINOIS: 2 ♂, 1 ♀.

#### **Polymerus proximus Knight**

*Polymerus proximus* Knight (1923d, p. 601).

This is closely related to *nigritus* (Fallen), but may be distinguished from it by the uniformly dark tibiae; the length of the first antennal segment is equal to the width of the vertex, while in *nigritus* the length of the first segment is less than the width of the vertex.

MALE.—Length 5.30, width 2.70. Head mostly black with a yellow spot on either side of vertex near eye. Rostrum barely attaining hind margins of middle coxae. Antennae, first segment black; second very dark brown, black at base; third dark brown; fourth black. Pronotum with posterior half of disk strongly convex, transversely wrinkled, uniformly black, slightly