

THREE NEW SPECIES OF MIRIDAE FROM NORTH AMERICA (HEMIPTERA).

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The species here described have been in the author's collection for some years but the miscellaneous description of species has always been deferred in favor of more important revisions of genera. The need for names in other publications, particularly the "Miridae of Illinois," requires that names be established.

Neolygus carpini n. sp.

Runs to *ostryae* Kngt. in my key (Hem. Conn., 1923, p. 581) but distinguished by the smaller size and shorter, differently shaped prongs on the male genital claspers.

Male.—Length 4.7 mm., width 2 mm. Head: width .99 mm., vertex .346 mm. Rostrum, length 1.9 mm., extending slightly beyond hind margins of posterior coxae, yellowish, apex brownish. Antennae: segment I, length .65 mm., pale; II, 1.8 mm., pale, apical one-third black; III, 1.12 mm., yellowish, fuscous apically; IV, .69 mm., fuscous. Pronotum: length .95 mm., width at base 1.64 mm.; yellowish green and tinged with brown but without definite streaks or vittae. Scutellum yellowish brown, scarcely darker at the sides. Hemelytra yellowish translucent, clavus evenly shaded with brownish, apical area of corium with dark brown; cuneus uniformly translucent, scarcely tinged with yellowish. Membrane and veins rather uniformly fuscous brown. Body beneath pale to yellowish, a fuscous band along lateral margins of venter, also extending across pleura of the thorax. Legs yellowish to brown; femora uniformly brownish, without bands, although the apices are paler; tibiae pale yellowish, spines brown; tarsi brownish, apices fuscous.

Female.—Length 5 mm., width 2.16 mm. Head: width .96 mm., vertex .37 mm. Antennae: segment I, length .58 mm.; II, 1.86 mm., yellowish, apical one-third black; III, 1.08 mm.; IV, .69 mm. Pronotum: length .95 mm., width at base 1.73 mm. More robust than the male but very similar in color and pubescence.

Holotype: ♂, June 12, 1922, Faribault, Minnesota (H. H. Knight); author's collection. *Allotype*: same data as the type.