

brown, legs pale yellow. Wings hyaline, very evenly marked with brown fimbriae, veins dotted with brown, the gradate series more heavily brown, outer and posterior margin with brown spots alternating with pale. In hind wings the venation is brownish and the pterostigma rather reddish. Fore wings moderately long and narrow, costal area quite broad at base; the lower branch of the median vein is slightly bent toward the cubitus. There are four radial sectors, the first three not forked till near tip, the fourth twice forked before gradate series. In the hind wings the first fork of the radial sector is much before forking of median vein.

Expanse, 16 mm.

From Ft. Collins, August, and Veta Pass, 1st July; Colorado.

Sometimes there are but three branches of radial vein, then the last is forked three times before second series of gradate veins.

*Hemerobius pictus*, n. sp.—Pale brown, prothorax rather darker, antennae pale, black-ringed at base and black at tip. Legs pale yellow. Fore wings hyaline, with four broad brown bands in the middle area of wing, the two intermediate rather close together. Around the outer and posterior margin are pale brown spots alternating with smaller whitish spots, about eight of these dark spots; costal area pale brown. Hind wings hyaline, costal area and venation pale brown. The wings are rather short, the costal area moderately broad at base. The first sector of radius forks before origin of second sector, but is not connected back to radius.

Expanse, 12 mm. South-western Colorado (Osler).

A very pretty species of the two-sector section, and differing from others in pale venation of hind wings and the several bands on the fore pair.

*Hemerobius speciosus*, n. sp.—Head yellowish-brown, darker above; antennae pale; thorax almost black; abdomen dark brown; legs pale yellowish. Wings hyaline, marked with dark brown; venation mostly pale, with a few scattered brown dots, more brown toward margins; apical half of both anterior and posterior margins alternately brown and yellowish. An indistinct brown patch in the costal area before pterostigma; five or six round, almost black, dots along radius, one at base of each sector, except the first, which is beyond first sector, and one under the pterostigma; another similar spot on cubitus, where it is connected to anal vein; a series of four or five obliquely across wing following the first gradate series, the anterior one being on the first fork of the fourth radial