

feebly convex. Colour yellowish, darkened in the middle. Appendages about as long as vulvar lamina or as segs. 9 and 10 together.

VENATIONAL DETAILS. (2 ♂'s 10 ♀'s.)

	No. of veins	No. of wings, ♂	No. of wings, ♀		No. of veins	No. of wings ♂	No. of wings ♀
Antecubitals fore wings	7 8 9	2 2	3=15% 16=80% 1=5%	2nd postc. before pter., fore wings	3 4	4 4	17=85% 3=15%
Antecubitals hind wings	5 6	2 2	18=90% 2=10%	2nd postc. before pter., hind wings	3 4 5	4	4=20% 14=70 2=10%
Postcubitals fore wings	5 6 7	4	6=30% 10=50% 4=20%	Veins in triangle, fore wings	0 1	4	2=10% 18=90%
Postcubitals hind wings	6 7 8 10	1 3	2=10% 12=60% 5=25% 1=5%	Veins in triangle, hind wings	0 1	4	2=10% 18=90%

*Measurements**.—(2 ♂'s, 10 ♀'s)—Length (without apps.) ♂ 52.0–54.5, ♀ 47.5–56.5; thorax, ♂ 8–9, ♀ 7.5–8.5; abdomen (without apps.), ♂ 38.0–39.5, ♀ 35.0–43.0; hind wing, ♂ 33.0–34.0, ♀ 32.0–36.5; sup. apps. ♂ 4; apps. ♀ 3.0–3.75; pterostigma of hind wing (costal margin), ♂ 2.75–3.0, ♀ 2.8–3.5; width of hind wing, ♂ 9.25–10.0, ♀ 9.0–10.3; width of head, ♂ 7.6–8.0, ♀ 7.0–8.0.

Holotype.—♂ Whitefish Pt., Chippewa Co., Mich., July 29, 1916 (A. F. Combs). *Allotype*.—♀, same data. Both in the University of Michigan Museum, Ann Arbor, Mich. *Paratopotypes*.—1 ♂ 2 ♀'s Aug. 7, 1916; 6 ♀'s July 29, 1916; 1 ♀ Aug. 4, 1916, 1 ♀ without date. Total 2 ♂'s 11 ♀'s.

This species is a very close relative of *S. forcipata*. Its average size is larger and the lateral thoracic spots differ in shape and colour, otherwise the colour pattern approaches that of *forcipata* closely. The superior appendages of the ♂ appear in profile more like those of *kennedyi* than *forcipata* and, as in the former the inferior appendage is only about half the length of the superiors. The vulvar lamina is decidedly longer than in any other species.

***Somatochlora forcipata* Scudder.**

This slender, dark-coloured species is rather widely distributed but seems to be everywhere rare. It ranges from New-

*All measurements are in millimetres.