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AN APPARENTLY NEW *THRAULODES* FROM ARIZONA
(EPHEMERIDA)*

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Recently I received from Mr. J. Sperry a small series of a *Thraulodes* species from Arizona which, while apparently very closely allied to *speciosus* Trav. in genitalia, as far as can be told from the rather crude figure (Biol. of Mayflies, 553, fig. 146), does not fit in with Traver's description in several points. I am treating it therefore as undescribed.

***Thraulodes arizonicus* sp. nov.**

Male. (dried) Head pale creamy (not blackish as in *speciosus*) with bright brown tinges along the margins of the ocelli and at the bases of the pale antennae; lower eyes black, upper eyes red-brown. Pronotum light brown with paler mesial shade and tinges of smoky shading laterally; mesonotum light brown, bordered with creamy in anterior portion and with creamy shading before and on the scutellum; metanotum light brown with creamy shading anteriorly. Pleura brown with creamy shading in the sutures, especially anterior to forewing-base and between second and third pairs of legs, which area also shows some blackish strigulations. Prosternum pale creamy; mesosternum with anterior half creamy, posterior half bright brown, narrowly bordered laterally with creamy; metasternum creamy. Forelegs creamy at base, femora pitch-brown, tibiae paler yellow-brown, tipped at both ends with darker, tarsi entirely pale (not touched with brown as in *speciosus*) Mid and hind legs pale at base with slight smoky shade, femora amber, faintly tinted with brown in middle section with a broad strong band of brown terminally, tibiae and tarsi pale amber.

Abdomen with first segment light brownish. Segments 2-6 pale hyaline, with lateral oblique smoky streaks, decreasing in size towards rear of abdomen and with very narrow smoky posterior margins; smoky ganglionic patches visible mid-ventrally. Segments 7-10 rather bright brown dorsally, segment 8 crossed by a broad creamy band, leaving only a narrow brown anterior margin, other segments with small creamy lateral triangular patches; ventrally largely creamy, except segment 9 which is shaded with brownish. Forceps pale amber with terminal joints smoky, penes pale brownish. Setae pale amber, clearly ringed with pitch-brown.

Wings hyaline; on primaries longitudinal veins faintly brown, all cross-veins fine and deeper brown; humeral vein surrounded by a small smoky patch; about 6 costal cross-veins before bulla, all definitely smoky but not more prominently so than other cross-veins; pterostigmatic veins with slight tendency to anastomosis. Secondaries with pale venation except the humeral vein and a small section of the vein on which it rests which are blackish.

Holotype—♂, Oak Cr. Canyon (near Flagstaff) Ariz., June 15, 1941, (G. and J. Sperry); No. 5322 in the Canadian National Collection, Ottawa.

Paratypes—6 ♂, same data.

The characteristic pale band on the eighth abdominal segment found in this species is not noted as being present in *speciosus* Trav. and should readily serve to distinguish the two species.

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