

THREE NEW GOMPHINES.

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Herewith I offer descriptions of three new species of dragon-flies of the subfamily Gomphinae of Odonata. Figures of the appendages of all will appear in my forthcoming handbook of the dragon-flies of North America.

Gomphus lentulus, n. sp.

Length 49 mm., abdomen 34 mm., hind wing 29 mm.

Colours obscure (due in part to fading of specimen); face obscure yellowish, shining; frons above and occiput and the ridges above the lateral ocelli yellow, the remainder of the vertex brownish. Prothorax brownish, with a double median spot of yellow on the dorsum. Thorax obscure yellowish, with a faint indication of a pair of narrow stripes of brown beside the middorsal carina, and of broader antehumeral and humeral stripes; a brown pale line on the third lateral suture. Legs black, hairy (male), with coxae, trochanters, external (dorsal) face of the tibiae and of the two basal segments of the tarsi yellow. Wings hyaline, costa yellow, stigma fulvous, covering 5-6 cells; antecubitals 13-14 on the fore wings, 9-10 on the hind wings; postcubitals 10-11 on all wings; no anal loop, but veins A₁ and A₂ are widely separated at base, and there is a single elongated cell between, as is usual in *G. villosipes*; between the anal triangle and this cell there is but one other cell bordering on the anal vein.

Abdomen brownish, broadly streaked with yellow longitudinally on segments 1-4, becoming suffused with rufous on segments 7-9; segment 10 and appendages yellow; segment 9 cut very obliquely at apex, longer on the dorsal side, its lateral margins little dilated. Superior appendages shorter than the inferiors, strongly divergent, straight, scarcely tapering, suddenly obliquely truncate on end, with an acute internal angle and a broad, black caruncle under the obtuse external angle. Inferior appendage roundly divided, its forks not wider apart than are the two superior appendages, straight, tapering to the darker coloured, sharply-upcurved tips.