

tooth first named, with a distinct notch intervening, and the other near the apex; branches of the inferior appendage tapering, upcurved, their tips appearing outside the inner angle of the superiors.

Vulvar lamina of female completely divided into two short, broad lobes, and hind femora each with a double row of less numerous, much longer and stronger spines, otherwise similar to the male.

One male, Ft. Reed, Fla., 6th March, 1876, collected by Professor J. H. Comstock, and in the Cornell University collection; and a number of specimens of both sexes, Gotha, Fla., 27th and 28th February, collected by Miss Matilda Wichtendahl, and in the collection of Mr. C. C. Adams.

Our smallest species; as closely related to *G. militaris* as to any other.

*Ophiogomphus phaleratus*, n. sp.

Length 47 mm., abdomen 35 mm., hind wing 30 mm.

Face yellow, vertex black, except two rings on the base of each antenna, two minute crescents surrounding the lateral ocelli in front, the ends of the postocellar ridge and a spot on the rear, including the middle of this ridge; occiput yellow, with a thin fringe of brown hair on the straight hind margin.

Thorax thinly pubescent; prothorax brown, with a yellow twin spot on the middle and a larger yellow spot on each side. Dorsum of thorax with a moderate stripe of brown, divided by yellow on the middle of the carina, contracted on the collar; humeral and antehumeral stripes of brown, confluent above and below, around a narrow dividing line of yellow. Sides of thorax yellow, with narrow lines of pale brown on the sutures. Legs yellow, a blackish spot on the apical fourth of the femora above, tibiae and tarsi black, with a yellow stripe on the external face of the tibiae; knees yellow. Wings hyaline; costa yellow, stigma pale brown; antecubitals of the fore wing 31, of the hind wing 9, postcubitals of all wings 9-10.

Abdomen brownish, with a row of broad spots on the dorsum of segments 1-9, covering segment 1, restricted to the basal two-thirds of segments 2-9, best defined on the middle segments. Segment 10 wholly