power must be weaker, and, their posterior tibiae being destitute of pallets, they are very likely not so much aquatic, i. e. not such good swimmers as some of the Tridactylus. Their lighter colour suggests, however, that they move about still more easily than the latter on the surface of the calm water, helping themselves with their extended wings.

In Rhipipteryx the cerci are obsolesely multi-articulate. The anal appendages of the females are obsolesely parted in the middle; the apical half being compressed, dilated, and of ovoid form (Tab. XI. fig. 10). The last dorsal segment of the abdomen of the males is frequently very abnormal in form, it being in some species much widened and reflexed, i. e. strongly modified as in various Acridiidae. When this is the case the cerci and the anal appendages remain small and slender (Tab. XI. fig. 22).

The genus Rhipipteryx is peculiar to America; it does not extend so far into the temperate regions as Tridactylus.

The parts of the mouth of Rhipipteryx having never been described, I give figures of them:—Tab. XI.: figg. 17, labium; 18, maxilla; 19, mandible. The labium much resembles that of Tridactylus; the third joint bears paraglossæ, with membranous apex (in Tridactylus these appendages are two-jointed).

Synopsis specificum.

a. Species majores, nigræ. Facies inter antennas ♂ ♂ plana.

b. Tota nigre, calcaribus tibiariis posticarum nigris. Oculi parum prominuli, invicem valde remoti.

c. Antennæ articulo 6° luteo. Metatarsus posticus gracilis, calcaribus æquilongus. Oculi posterioris vix sinuati.—[1. forceps, sp. n.]


c. Pronoti discus utrinque linea obliqua flavā.

d. Elytra margine suturali flavo-limbato. Femora postica linea media flavā nulla. (Statura præcedentium.)

e. Oculi vix prominuli. Corporis picture flavae angustae. Metatarsus posticus crassiusculus, quam calcaria tibiari ½ brevior. Appendices anales (♂) grandis, toti nigri. Segmentum genitale ♂ supra planulum, margine sinuato; lamina supra-analis longe anguste producta, sulcata, acuta.—[3. brullei, Serv.]

ee. Oculi ♂ prominuli. Corporis picture flavae late. Metatarsus posticus ovaticus, quam calcaria ¼ brevior. Appendices anales (♂) cylindrici, graciles, apice flavī. Segmentum genitale ♂ latissimum reflexum, angulis laterali acutissime productis; lamina supra-analis utrinque transversa, strigata, parte media anguste producta, sulcata (fig. 22).—[4. cyanipennis, Sss.]

* Amongst the Tettigidae, Scelimene seems to have similar habits.

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