

each spot occupies less than one third of the breadth, and a little less than one half of the length of the segment. (As segments 5-7 have become brownish in drying, I cannot speak about their colour positively; instead of the brown spots in the corners, they seem to have smaller ones more towards the middle of the segments, the posterior portion of segment 7 is altogether brown.) Legs pale yellow; posterior tibiæ slightly brownish, with yellow spurs; tarsi brown. Wings subhyaline, with a slight yellowish-grey tinge; veins brown; stigma elongate, brown.

Length 7-8 millim.

Hab. COSTA RICA, Irazu (*Rogers*). A single specimen.

N.B.—I have completed the generic description from three specimens from Porto Rico (*Moritz*) in the Berlin Museum. The two males differ from *O. cognatus* in the colouring of the body: the pleuræ, the metanotum, and the two hind pairs of coxæ are brown; the abdomen brown, but the hind margins of segments 1-5 are yellow, the yellow margin occupying about one third of the breadth of the segment. One of the specimens has the two posterior pairs of femora brownish, the other not. The wings of one of the specimens have a distinct brownish shade on the apex, and another around the small cross-vein; in the other specimen the wings are more unicolorous.

The female specimen has the body altogether reddish-yellow, except the end of the abdomen, which is infuscated; apical cloud on the wings very distinct.

I am not certain whether all these specimens belong to different species, or are only varieties of the same insect.

Fam. STRATIOMYIDÆ.

SUBULA.

Subula, Megerle, in Meig. System. Besch. &c. ii. p. 15 (1820).

Xylomyia, ^{Ron.} Prodr. Dipt. Ital. iv. p. 11 (1861).

Macroceromys, Bigot, Ann. Soc. Ent. Fr. 1879, p. 187.

1. *Subula elongata*, sp. n., ♂.

Black; legs yellow, the tarsi infuscated towards the tip; wings subhyaline.

Length 9-10 millim.

Hab. GUATEMALA, Capetillo (*Champion*).

The same type of structure as *Subula americana* (compare van der Wulp's figure in Tijdschr. &c. 1867, t. 3. ff. 5-7).

Head black, the tips of the palpi and of the proboscis paler. Antennæ brown, paler towards the base; bent backwards they would nearly reach the base of the wings. Thorax, including the front and middle coxæ, black, very little shining; the margin of the scutellum pale yellowish. Legs, including the middle coxæ, pale reddish-yellow; front and middle tarsi infuscated, except at the base; hind tarsi brown from the tip of the first joint. Halteres brownish. Wings subhyaline, with a slight pale brownish tinge, especially on the distal half; stigma only a little darker; veins brown; venation like