

The two described species, both unknown to me, may be separated as follows:—

- a.* Length 18 millim. Phallopod slender, curved, swollen at the base, ending in three longish down-bent subequal processes *coccineus*.
a'. Length 14 millim. Phallopod stouter, straighter, ending in three short processes, of which only one is sharply bent downwards *neglectus*.

1. *Acutangulus coccineus*.

Polydesmus (Tropisoma) coccineus, Humb. & Sauss. Rev. et Mag. Zool. (2) xxi. p. 152 (1869) ¹.

Polydesmus (Strongylosoma) coccineus, Sauss. & Humb. Miss. Sci. Mex., Myr. p. 50, t. 1. fig. 12 (1872) ².

Acutangulus coccineus, Attems, Denk. Akad. Wien, lxvii. p. 409 (1899) ³; Carl, Rev. Suisse Zool. xi. p. 560 (1903) ⁴.

Colour red, whitish or pink when dried. *Body* smooth or lightly striolated, vermiform, of equal width throughout. *Head* shining, with frontal sulcus little marked. *First tergal plate* bordered, with straight posterior border, laterally pointed and triangular. *Keels* of 2nd and 3rd segments directed a little backwards; the remaining keels small, forming a narrow ledge, their posterior angle lightly prolonged and dentiform, tending to become effaced from about the 12th segment backwards; those of the 19th almost absent. *Pores* just above the lateral edge, near the posterior end of the keels. *Caudal process* of 20th segment triangularly truncated.

♂. A little smaller, but with *keels* better developed. *Phallopod* slender; distal segment lightly arched, expanded at the base, hairy along its lower edge, ending in three subequal, up-turned processes, a proximal slender and pointed (seminal stile) and two distal a little longer and more sickle-shaped.

Length 18 millim., width 2.

Hab. MEXICO, Orizaba (*Sumichrast* ¹⁻⁴).

2. *Acutangulus neglectus*.

Polydesmus (Strongylosoma) coccineus, var., Sauss. & Humb. Miss. Sci. Mex., Myr. p. 51 (1872) ¹.

Acutangulus neglectus, Carl, Rev. Suisse Zool. xi. p. 560, t. 16. fig. 16 (1903) ².

Smaller than the preceding, but similar in form, and principally distinguishable by the structure of the *phallopods*, of which the distal segment is straighter, less swollen at the base, with the seminal fossa less circumscribed, more open distally, and with the three terminal branches much shorter; the seminal stile lies in the same direction as the main branch of the segment; the proximal of the two subsidiary branches is abruptly curved downwards, lamellate and constricted at the base (seen in profile), and the distal is short and somewhat tooth-like.

Length 13-14 millim., width ?

Hab. MEXICO, Orizaba (*Sumichrast* ^{1 2}).

This species was based upon some small examples mentioned by Humbert and Saussure, and found by Carl amongst those described by the former authors as *Polydesmus (Strongylosoma) coccineus*.

NEOLEPTODESMUS.

Neoleptodesmus, Carl, Rev. Suisse Zool. xi. p. 557 (1903) ¹.

Resembling *Leptodesmus* in form and general characters, but differing in the structure of the phallopods.

Antennæ long and slender. *First tergal plate* as wide as the others, with rounded side-angles and