

anal segment triangularly conical and truncate; sternal plate triangular. *Legs* long and slender. *Sterna* wider than long. *Phallopods* with basal segment (coxa) without calcar; distal segment stout, subcylindrical, furnished apically with a slender hooked process (the seminal stile).

Type, *S. cyaneus*, Sauss.

Distribution. Mexico.

This well-marked genus differs from all others known from Central America in having pores upon the 8th, 11th, and 14th segments, as well as upon the 5th, 7th, 9th, 10th, 12th, 13th, 15th to 19th segments as in *Polydesmoidea* with normal pore-formula. In other respects *Strongylodesmus* most resembles *Rhachodesmus*.

1. *Strongylodesmus geddesi*, sp. n. (Tab. XIII. figg. 5-5 c.)

Colour (in alcohol) pale olive-green, with the keels tinted with yellow; antennæ green like the head and dorsal surface; legs markedly yellower than the body. *Head* rugulose, with frontal sulcus. *Antennæ* long, segments 2 to 6 subequal in length, distance between antennæ less than length of their second segment. *Upper surface* of the metazonites uniformly and closely covered with granules, with exception of the extreme edges and the lateral thickening of the keels. *Back* nearly flat, with high horizontal keels; an indistinct transverse row of small tubercles along the posterior border of the median area of the tergal plates. The *first tergal plate* wide with the keels well developed, the anterior angle rounded, posterior angle sharp and rectangular, anterior border of the plate straight from side to side, posterior border mesially lightly emarginate and elevated, posterior border of keels oblique and straight. On the *keels* from the 2nd to about the 16th the anterior and posterior borders are more or less convex, on the 2nd and 3rd the anterior border is strongly convex and the posterior border nearly straight; but upon the segments of the mid-region the posterior border is more convex than the anterior; the anterior angle of the keel is rounded, with a distinct but small antero-lateral tooth; the posterior angle is nearly square, but from about the 7th backwards its angle bears a small backwardly directed tooth; there is also an angulation of the lateral border just beneath the pores; posterior border of 16th to 19th directed more and more backwards, the 18th and 19th being triangularly spiniform and posteriorly uplifted. *Caudal process* of anal tergal plate curved, triangular, truncate; sternal plate wide, triangular, with setiferous tubercles far apart and some distance behind the extremity. *Sternal areas* wide, transversely oblong, hairy. *Lateral area* of metazonites granular, of prozonites smooth. *Legs* long; third segment a little longer than the first, both longer than fourth + fifth segments. *Phallopods* short and thick; thickly hairy externally and in the hollow internally; ending distally on the inner aspect in a somewhat bowl-shaped hollow, the proximal border of which is armed with two short spiniform teeth, the distal border being angled above and passing below into a large, wide, semicircularly curved inwardly directed, sickle-shaped ramus, the seminal stile, which lies in a horizontal plane when the phallopod projects forwards, the apices of the two normally crossing each other; behind the superior angle of the hollow there is a forwardly directed tuft of bristles, and between the two teeth of its posterior or proximal edge there is a backwardly directed triangular gutter running back towards the excavation of the femoral portion. *Seminal processes* long and slender. *Legs* of first pair short, but otherwise unmodified.

Length of ♂ 41 millim., width 5.

Hab. MEXICO (*Patrick Geddes, in Mus. Brit.*).

2. *Strongylodesmus cyaneus*.

Strongylodesmus cyaneus, Sauss. Linn. Ent. xiii. p. 327 (1859)¹; Mém. Soc. Phys. Genève, xv. p. 537, t. 3. fig. 20 (1860)²; Sauss. & Humb. Miss. Sci. Mex., Myr. p. 55 (1872)³; Attems, Denk. Akad. Wien, lxviii. p. 413 (1899)⁴; Carl, Rev. Suisse Zool. xi. p. 555 (1903)⁵.

Strongylodesmus viridis, Peters, Mon. Ak. Wiss. Berlin, 1864, p. 547 (sec. Saussure & Humbert)⁶.