

# TWO NEW SPECIES OF THE GENUS *NOTOSCOLEX* (*OLIGOCHÆTA*) FROM ULLADULLA, NEW SOUTH WALES.

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(Figures 1-6.)

The two new species described below were collected by the author from the bank of a small creek at Ulladulla, south coast of New South Wales, on 9th December, 1928.

Genus *Notoscolex* Fletcher, 1886.

*Notoscolex ulladullæ*, sp. nov.

(Figures 1-3.)

### *External Characters.*

Length 160 mm.; diameter 3 mm. Colour in alcohol yellowish grey. Segments about 185 but posterior end regenerated; commencing about midbody and continuing to the posterior end the segments are triannular. On the ventral surface there is a longitudinal, shallow, flat-bottomed groove extending from xix to xxv; the edges of the groove follow line of setæ *b* and the flat bottom lies on *aa*.

Prostomium combined pro- and tanylobous.

Dorsal pores commence in furrow 7/8.

Setæ widely paired. In front of the clitellum  $ab = \frac{2}{3}aa = \frac{3}{5}bc = \frac{6}{13}cd$  (or  $ab:aa:bc:cd = 6:9:10:13$ ); behind the clitellum  $ab = \frac{8}{15}aa = \frac{3}{5}bc = \frac{12}{25}cd$  (or  $ab:aa:bc:cd = \frac{44}{5}:9:8:10$ ); at midbody  $ab = <\frac{1}{2}aa = \frac{10}{17}bc = \frac{1}{2}cd$  (or  $ab:aa:bc:cd = 5:10\frac{3}{4}:8\frac{1}{2}:10$ );  $dd$  is less than half the circumference. The lines of setæ *a* and *b* converge towards the male pores.

The clitellum extends from  $\frac{2}{3}xiv - \frac{1}{3}xxii$  (= 8) but is not strongly developed and has the boundaries poorly defined; setæ (except *a* and *b* on xviii) and dorsal pores present.

The ventral surface of segment xviii has its anterior boundary curved outwards a little making it larger than its neighbours. The male field is in the form of a glandular patch having its anterior and posterior boundaries parallel with, and well clear of, the intersegmental furrows; nearer the anterior than the posterior furrow. The posterior edge of the field is only a little more than half the length of the anterior; the lateral boundaries are curved and the corners of the figure so formed rounded. The field extends to half-way between *a* and *b* on each side. The male pores are paired and are situated on the field in line with the setæ ring and just ventral of *a*.