

XIX. — ON A GIGANTIC NEREIS (*NER. IJIMAI* IZ.) FROM JAPAN.
BY Dr. R. HORST.

Among the Polychaeta of the Leyden Museum I met with a large *Nereis*-specimen, presumably collected in Japan, that in the structure of its parapodia so much agrees with *Ner. ijimai*¹⁾ described by Izuka from that country, that in my opinion it must be identified with this species, though there are some discrepancies in the armature of the proboscis. *Nereis ijimai*, like as *Ner. oxypoda* Marenz, *Ner. virens* Sars a. o. are characterized by the presence of a large, foliaceous dorsal ligula at the parapodia of the median body region and were ranged by Kinberg in his genus *Alitta*²⁾. Unfortunately Izuka had only a single female specimen at his disposal, that was sexually mature and showed some epitocous transformation after the 40th parapodium by the presence of cultrate setae and epitocous lamellae; it had a length of 390 mm. and consisted of 215 segments. Our specimen reaches 350 mm. and the number of segments amounts to about 200; it is also a female, filled with small eggs; however it is not entirely mature and there are neither paddle-shaped bristles nor epigamous lamellae. The proboscis was everted and its armature consists of:

- I = a single indistinct paragnath (in Izuka's specimen absent).
- II = a crescent, distichous group of 9 to 10 paragnaths (in Izuka's specimen in small groups).
- IV = a crescent group of 16 to 18 paragnaths, the anterior ones arranged in a single row (in Izuka's spec. 3 or 4 in a group).
- III = a single paragnath (in Izuka's spec. absent).
- V = 0 (in Izuka's spec. absent).
- VI = 8 to 10 paragnaths in a round group (in Izuka's spec. 6 or 7 pieces in an oblique group).
- VII—VIII = a row of 7 rather large paragnaths, with traces of a second row behind it (in Izuka's specimen a few large ones, with minute ones scattered among them, in two continuous transverse rows).

Taking into account the variability of the number of paragnaths in the different groups of the proboscis in *Ner. succinea* Leuck. — *diversicolor* O. F. Müll. a. o. I do not hesitate to identify the specimen of the Leyden Museum with *Ner. ijimai* Iz.

1) The errantiate Polychaeta of Japan, p. 174, Pl. II, fig. 1; Pl. XIX, figs. 1—9.

2) *Annulata nova*, p. 172.