

approximate more the type of the Trematods. The Sipunculoids appear to be more closely related to the Annulata than to the Holothurioids.<sup>1</sup>

The class of Crustacea, on the contrary, may be considered as one of the best known, as far as its zoölogical characters and embryonic growth are concerned; the only point still questioned being the relationship of the Rotifera.<sup>2</sup> In their mode of development the Lernæans, the Entomostraca proper, and the Cirripeds agree as closely with one another as they differ from the higher Crustacea. This conformity<sup>3</sup> is the more interesting, as the low position the Entomostraca hold in the

Worte zur Entwicklungsgeschichte der Eunice, mit einem Nachworte von Kölliker, N. Denksch. Schw. Gesell., 1847, vol. 8, 4to. fig.—QUATREFAGES, (A. DE,) Mémoire sur l'Embryogonie des Annélides, Ann. Sc. Nat. 3e sér., 1848, vol. 10, p. 153, fig.—DESOR, (ED.,) On the Embryology, etc., q. n.—LEIDY, (JOS.,) Descriptions of some American Annelida abbranchia, Journ. Ac. Nat. Sc. Phil. 1850, vol. 2, p. 43, fig., (Lumbricillus contained several thousand large Leucophrys. The case related here by Leidy seems to me to indicate rather the hatching of Opalinas from the eggs of Lumbricillus, than the presence of parasitic Leucophrys.)—SCHULTZE, (M.,) Ueber die Fortpflanzung durch Theilung bei Nais proboscidea, Wiegman's Archiv, 1849, I., p. 293; id. 1852, I., p. 3.—Zoologische Skizzen (Arenicola piscat.) Zeitsch. f. wiss. Zool. 1852, vol. 4, p. 192.—BUSCH, (W.,) Beob. über Anat. und Entw. q. n. (p. 55.)—MÜLLER, (M.,) Observationes anatomicæ de Vermibus quibusdam maritimis, Berolini, 1852, 4to.; Müller's Archiv, 1852, p. 323.—Ueber die weitere Entwicklung von Mesotrocha sexoculata, Müller's Archiv, 1855, p. 1.—Ueber Sacconereis helgolandica, Müller's Archiv, 1855, p. 13.—KROHN, (A.,) Ueber die Erscheinungen bei der Fortpflanzung von Syllis, Wiegman's Archiv, 1852, I., p. 66.—Ueber die Sprösslinge von Autolytus prolifer Gr., Müller's Archiv, 1855, p. 489.—LEUCKART, (R.,) Ueber die ungeschlechtliche Verwehrung bei Nais proboscidea, Wiegman's Archiv, 1851, p. 134.—Ueber die Jugendzustände einiger Anneliden, Wiegman's Archiv, 1855, I., p. 63.

<sup>1</sup> PETERS, (W.,) Ueber die Fortpflanzungsorgane des Sipunculus, Müller's Archiv, 1850, p. 382.—MÜLLER, (M.,) Ueber eine den Sipunculiden ver-

wandte Wurmlarve, Müller's Archiv, 1850, p. 439.—KROHN, (A.,) Ueber die Larve des Sipunculus nudus, etc., Müller's Archiv, 1851, p. 368.—SCHMARDA, (L.,) Zur Naturgeschichte der Adrin (Bonellia viridis) Denksch. Wien. Akad. 1852, vol. 4, p. 117, fig.—GEGENBAUER, (C.,) Ueber die Entwicklung von Doliolum, der Scheibenquallen und von Sagitta, Zeitsch. f. wiss. Zool. vol. 5, p. 13.

<sup>2</sup> EURENBERG, (C. J.,) Die Infusionsthierchen, etc., q. n.—DALRYMPLE, (J.,) Description of an Infusory Animalcule allied to the Genus Notommata. Philos. Trans. 1844, II., p. 331.—NÆGELI, (H.,) Beiträge zur Entwicklungsgeschichte der Räderthiere, inaug. Diss., Zurich, 1852, 8vo. fig.—LEYDIG, (FR.,) Ueber den Bau und die systematische Stellung der Räderthiere, Zeitsch. f. wiss. Zool. 1854, vol. 6, p. 1.—Zur Anatomie und Entwicklungsgeschichte der Lacinularia socialis, Zeitsch. f. wiss. Zool. 1852, vol. 3, p. 452.—COUN, (F.,) Ueber die Fortpflanzung der Räderthiere, Zeitsch. f. wiss. Zool., 1855, vol. 7, p. 431.—HUXLEY, (TH. H.,) Lacinularia socialis, Trans. M. Soc., Micr. Journ. 1852, p. 12.—WILLIAMSON, (W. C.,) On the Anatomy of Mclercerta ringens. Quart. Micr. Journ. 1852, p. 1.

<sup>3</sup> JURINE, (L.,) Histoire des Monocles qui se trouvent aux environs de Genève, Paris, 1806, 4to. fig.—EDWARDS, (H. MILNE,) in Cuvier, Règn. An. édit. illustr. q. n. Crustacés; represents young Limulus.—ZADDACH, (E. G.,) De Apodis cancriformis Anatomie et Historia evolutionis Bonnæ, 1841, 4to. fig.—NORDMANN, (AL. V.,) Microgr. Beitr. q. n.—LEYDIG, (FR.,) Ueber Argulus foliaceus, ein Beitrag zur Anatomie, Histologie und Entwicklungsgeschichte dieses Thieres, Zeitsch. f. wiss. Zool. 1850, vol. 2, p. 323.—Ueber Artemia salina und Branchi-