

by these expeditions. Cavolini¹ investigates the minute animals of the Mediterranean, Pennant² those of the coast of England, Forskål and Löffling³ those of the Red Sea and of New Spain, Swartz⁴ those of the Antilles, Modeer⁵ those of the Northern Ocean, Scopoli⁶ and Olivi⁷ those of the Adriatic, and Macri⁸ those of the Bay of Naples. Everywhere, stimulated by the influence of their great teacher, we find the pupils of Linnæus foremost in this race for knowledge. The harvest of Acalephs is, however, still scanty; and the works of Pallas, Forskål, O. F. Müller, and O. Fabricius, are the only ones deserving now special attention, and this chiefly on account of the influence their accurate descriptions had upon the progress of that branch of Zoölogy. Pallas, in his Zoölogical Miscellanies, published in 1776, is the first who gives accurate figures of Hydroids, without suspecting, however, that they have the least relation to the Medusæ proper.

The use of the microscope having become more frequent, objects are not only examined with more care and accuracy than before, but also frequently magnified, so as to give a more satisfactory view of their parts. The treatise of Ellis⁹ on Corallines is, in that respect, a master-work, to this day indispensable to the student of the Hydroids; and next to it must be ranked the work of Cavolini.

The last quarter of this century is marked by various compilations of the labors

¹ CAVOLINI (FIL.), *Memorie per servire alla Storia dei Polipi marini*, Napoli, 1785, 4to. fig. German translation by W. Sprengel: *Abhandlungen über Pflanzenthiere des Mittelmeeres*, Nürnberg, 1813, 4to. fig. — *Nuove Ricerche sulle Gorgonie e sulle Madrepore*, Napoli, 1785, 4to. fig. German translation by Zimmermann, Berlin, 1792, 8vo. — *Memoria sulla Generazione dei Pesci e dei Granchi*, Napoli, 1787, 4to. German translation by Zimmermann: *Abhandlung über die Erzeugung der Fische und der Krebse*, Berlin, 1792, 8vo. fig.

² PENNANT (THOMAS), *British Zoölogy*, Lond. 1761, 1 vol. fol.; 1768–1769, 3 vols. 8vo.; 103 additional plates, 1770; 1776–1777, 4 vols. 8vo.; 1812, 4 vols. 8vo.

³ LÖFLING (PETER), *Iter hispanicum; eller Resa til spanska Länderna uti Europa, och America*, Stockholm, 1768, 8vo. fig. German translation by Al. B. Kölpin: *Reise nach den spanischen Ländern*, Berlin, 1776, 1 vol. 8vo. fig.

⁴ SWARTZ (OLOF), *Medusa unguiculata och Actinia pusilla upptäckta och beskrifna*, Vet. Acad. Handl. 1788, p. 198.

⁵ MODEER (ADOLF), *Om Slägtet Sjukalf, Medusa*, in *Svenska Vetenskaps Academiens Nya Handlingar*, Vol. XII. 1791.

⁶ SCOPOLI (J. ANT.), *Introductio ad Historiam naturalem, sistens genera Lapidum, Plantarum et Animalium, etc., in tribus divisa, subinde ad leges Nature*, Pragu, 1777, 8vo. — *Anni historico-naturales*, IV. Lipsiæ, 1769–1772, 5 vols. 8vo.

⁷ OLIVI (GIUS.), *Zoologia Adriatica, ossia Catalogo ragionato degli Animali del Golfo e delle Lagune di Venezia*, Bassano, 1792, 4to. fig.

⁸ MACRI (SAV.), *Nuove Osservazioni intorno la Storia naturale del Polmone marino degli Antichi*, Napoli, 1779, 12mo.

⁹ ELLIS (J.), *An Essay towards a Natural History of the Corallines and other Marine Productions of the like kind, commonly found on the coasts of Great Britain and Ireland, etc.*, London, 1755, 4to. fig. French translation: *Essai sur l'Histoire Naturelle des Corallines, etc.*, LaHaye, 1758, 4to. fig. German translation: *Versuch einer Naturgeschichte der Korall-Arten und anderer solcher Meerkörper*, Nürnberg, 1764, 4to. fig.