

Lesson used them while preparing his *Prodrome d'une Monographie des Méduses* and his *Histoire naturelle des Acalèphes*; and Milne-Edwards has caused some to be engraved for the new illustrated edition of Cuvier's *Règne Animal*.¹ The publications of Bory de St. Vincent² and of Tilesius,³ which next follow, are interesting as furnishing the first indications upon the Diphyes; while those of Scoresby,⁴ Otto,⁵ VanHasselt,⁶ Eichwald,⁷ DeHaan,⁸ Guilding,⁹ Piet,¹⁰ Baird,¹¹ Woodward,¹² von Olfers,¹³ Meyen,¹⁴ Patterson,¹⁵ Forbes, Goodsir,¹⁶ and Hyndman,¹⁷ add new species to our lists, and new facts respecting species already known. Bosc's¹⁸ *Natural History of the Worms* also contains some valuable remarks. On account of his residence upon our southern coasts, the works of Bosc are interesting to American naturalists.

While Péron and LeSueur and their successors were thus steadily enlarging the range of our knowledge by special investigations, the systematic writers of this period began to perceive more and more clearly the general affinities of these animals;

¹ CUVIER (G.), *Le Règne animal distribué d'après son organisation, pour servir de base à l'Histoire naturelle des animaux, et d'introduction à l'Anatomie comparée*; édition accompagnée de planches gravées, par une réunion de disciples de Cuvier, publiée par Fortin, Masson & Co., Paris, 8vo. since 1836. The volume containing the Acalephs is edited by Milne-Edwards.

² BORY DE SAINT-VINCENT (J. B. G.), *Voyage dans les quatre principales îles des mers d'Afrique*, Paris, 1804, 3 vols. 8vo. avec atlas.

³ TILESIIUS (W. G.), *Naturhistorische Früchte der ersten kaiserlich-russischen Weltumseglung*, Petersburg, 1813, 4to.

⁴ SCORESBY (W.), *An Account of the Arctic Regions*, Edinburgh, 1820, 2 vols. 8vo. fig.

⁵ OTTO (AD. W.), *Conspectus animalium quorundam maritimarum nondum editorum, Vratislaviæ*, 1821, 4to. fig.—*Beschreibung einiger neuer Mollusken und Zoophyten*, N. Act. Nat. Cur. XI. 2, p. 273, fig.; *Isis*, 1824, VI. p. 626.

⁶ VANHASSELT, *Ueber Physalia*, Brief an Prof. VanSwindern, *Isis*, 1823, p. 1413.

⁷ EICHWALD (ED.), *Observationes nonnullæ circa fabricam Physaliæ*, *Mém. Acad. Petersb.* 1824, IX. p. 455.

⁸ DELLAAN (W.), *Verhandeling over de Rangschikking der Veellen, Porpiten und Physalien*, *Bijdrag Natuur. Wetens.* 1827, II. p. 489.

⁹ GUILDING (LANSD.), *Mollusca Caribbæana*, *Zool. Journ.* 1827, III. p. 403.

¹⁰ PIET, *Description de la grande Physale et d'une curieuse espèce de Médusaire, trouvées sur les côtes de Bretagne*, *Lyc. Armor.* XII. p. 189.

¹¹ BAIRD (DR.), *On the Luminousness of the Sea*, *Mag. Nat. Hist.* 1830, III.

¹² WOODWARD (SAM.), *On the Luminosity of the Sea*, *Mag. Nat. Hist.* 1831, IV. p. 285.

¹³ VON OLFERS, *Ueber die grosse Seeblase, Physalia Arethusa, und die Gattung der Seeblasen im Allgemeinen*. *Ak. Wiss. Berlin*, 1831.

¹⁴ MEYEN (F. J.), *Beiträge zur Zoologie*; N. Act. Nat. Cur. XVI. suppl. I. 1834.

¹⁵ PATTERSON (ROBERT), *Description of the Cydippe pomiformis (Beroë ovata. Flem.)*, with Notice of an apparently undescribed Species of *Bolina*, also found on the Coast of Ireland, *Proc. Roy. Irish Acad.* 1839, p. 237.

¹⁶ FORBES (EDW.), *Contributions to British Actinology*, *Ann. and Mag. Nat. Hist.* 1841, VII. p. 81.—FORBES (EDW.) and GOODSIR (J.), *On the Corymorpha nutans*, *Ann. and Mag. Nat. Hist.* 1840, V. p. 309.

¹⁷ HYNDMAN (G. C.), *On the Occurrence of the genus Diphya on the Coast of Ireland*; *Ann. and Mag. Nat. Hist.* 1841, VII. p. 164.

¹⁸ BOSCH (L. A. G.), *Histoire naturelle des Vers*, Paris, 1802, 18mo. 3 vols. fig.