

dermis of this whale, particularly about the fins and anus," p. 166. For July 18 it says, "The monodon appeared in great number this day, and the Thomas's men succeeded in killing one male and two females: the latter were destitute of the tooth: they are always taken without that instrument, which is solely conferred on the male either for ornament or annoyance: . . . a female whale (*balæna mysticetus*) killed this day, measured sixty feet: it received the harpoon but once, and dived away under the ice, drawing down three boats' lines, being 1080 fathoms, and died at the bottom: immense groups of the *oniscus ceti* attached to the under lip and to the under part of the fins: the edge of the fleshy covering embracing the root of the monodon's tooth was covered with insects of the same description."

1818. LEACH, W. E.

Crustacés, *Crustacea*. Dictionnaire des Sciences Naturelles, dans lequel on traite méthodiquement des différens êtres de la nature, &c. Tome douzième. Strasbourg, Paris, 1818. pp. 69–75.

The Crustacea are said to form two great groups or subclasses, of which the first comprises the Malacostraca, which has a pair of mandibles, and two pairs of maxillæ, furnished with palps, and eight pairs of feet provided with branchiæ at their bases. All the genera devoid of these characters belong to the second group, the Entomostraca. Leach then briefly reviews the various classifications of Crustacea, including those by himself, that had been proposed up to the date of this article. He gives a list of authors who have written on Crustacea, and deferring the details about genera and species to the articles on the several families, he winds up with an alphabetical list of the Crustacean genera recognized at that date, including for the Amphipoda, *Aerope*, *Ampithoë*, *Atyle*, *Caprelle*, *Cerapode*, *Corophie*, *Crevette*, *Dexamine*, *Jassa*, *Larunde*, *Leucothoë*, *Melitée*, *Orchestie*, *Pheruse*, *Phronyme*, *Podocère*, *Proto*, *Talitre*, *Typhis*, mixed up in alphabetical order with the rest. That *Aerope* belongs to the Amphipoda, my only authority is Desmarest.

1818. LEACH, W. E.

Memoirs of the Wernerian Natural History Society. Vol. II. For the years 1811–1816. Edinburgh, 1818.

Leach refers to this volume for his species, *Jassa pulchella* and *Jassa pelagica*, but since the references occur in the Appendix to his Article, Crustaceology, in the Edinburgh Encyclopædia, which cannot well be of later date than 1814, and these memoirs seemingly were not published till 1818, he probably refers to some paper intended for this volume, but withdrawn before publication.

1819. LEACH, W. E.

Zoological Memoranda. Descriptions of the New Species of Animals, discovered by His Majesty's Ship *Isabella*, in a Voyage to the Arctic Regions. By Dr. W. E. Leach. A Voyage of Discovery, made under the Orders of the Admiralty, in His Majesty's Ships *Isabella* and *Alexander*, for the purpose of exploring Baffin's