

so numerous are these shrimps. This may refer to the common eatable shrimp, but what follows appears to include species of *Orchestidæ* or other Amphipods, for he says: "In Holsatia vocantur Burren / Dithmarsis Front / Belgis Garnelen / Garners / Garnaten / Gallis Sauterdle, Cheorette, Guernette, ein Scergitylc / Meergeris Gesn. f. 127. Springfrobde. In Sanctonum littore maxima earum copia est, et alibi quoque in littoribus Germaniæ et Belgii. Hæ parvæ Squillæ gibbæ avide expetuntur ab Harengis." He goes on to say that many eminent naturalists had stated that the herring fed on nothing but sea-water, an opinion which Behm had satisfactorily refuted by finding in a herring's stomach forty *Squillæ gibbæ* (Garnel), and Neucranzius by finding more than sixty, though smaller ones. (These may have been *Hyperina*, see note on Thomas Edward, 1868.) On pages 96-97, under the heading *Squilla minima*, he gives the following, § ix.: "Ex Squillis parvis et nomine fere carent. Germ. ein Zwergfrobstein / ein fleiner Gernier quibusdam ἐγλώροι [read ἔγλωροι] a colore subfulvo, coctæ tamen rubescunt, χλωρός namque viridem, modo luteum colorem Græcis Significat. Ob exiguitatem Vascones *Civade* quasi Avenam vocant, quas e Garuma copiose extrahunt, et pugillatim devorant, sicut avenam veterinæ. Coci quidam vocant *Brava*, quæ vox itidem Avenam significat, dividitur in illam, 1, quæ Romæ *Gambaretta* dicitur.

- "2. Quæ *Gambaruccio*, estque adeo exigua ut mille vix unam libram æquent. *Squillis affine Animalculum* memorat *Schoenfeld*, p. LXXIII. piscatoribus infestum, quod ad mare Balthicum vulgus nominat *Scheffte* seu *Sprockwurm* / squillis minimis figura respondens, crustaque instar illarū contectum, vix transversum digitum longum retibus et tendiculis, quibus hami affiguntur, mire noxium, quæ magno piscatorum detrimento arrodit."

It may be noted that at this date the Crustacea are not included among the Insecta. For *Animal* being divided into *Perfectum*, *ἔναιμον sanguine præditum*, and *Imperfectum*, *ἀναιμον exsanguis*, quod non habet sanguinem proprie sic dictum, sed humorem alium proportionem sanguini respondentem, the subdivision of *Imperfectum Animal* seu *exsanguis* is made as follows:—"1. In *Insectum έντομον*, quod corpus incisuris distinctum habeat: 2. In *molle*, quod molli cute contectum *μαλακόδερμα*. 3. In *crustaceum*, quod tenui crusta obtectum *μαλακόστρακον*: 4. In *testaceum*, dura testa obtectum, *όστρακόδερμα*" (pages 76-78).

1675. MARTENS, FRIDERICH.

Friderich Martens vom Hamburg Spitzbergische oder Groenländische Reise Beschreibung gethan im Jahr 1671. Aus eigener Erfahrung beschrieben / die dazu erforderte Figuren nach dem Leben selbst abgerissen / (so hierbey in Kupffer zu sehen) und jetzo durch den Druck mitgetheilet. Hamburg. Im Jahr 1675.

The fifth chapter, p. 83, is headed "Von etlichen Schild geschlechtern / so auff Grönlandischen / oder Spitsbergischen Reisen gefangen werden." Among these he distinguishes *Krabben* and *Sternfische*. Of the *Krabben* he had met with four kinds, first, the *Meerspinne* as the French call it, next, *rothe Krabben oder Garnellen*, thirdly, *kleine graue Krabben oder Granat*, and fourthly, *die so genandte Wallfische Lauss*. In describing the two last of these, Martens has the distinction of having been, so far as is known, the first to give anything like a definite description of an Amphipod. For this reason the accounts of his third and fourth species seem worth giving in full, as also for other reasons the account of number two. They read as follows:—

2. *Garnell*. Unter den Garnellen die man hier siehet und die man in Spitzbergen findet is kein Unterschied. Spitsbergische aber seynd von Farben auch ungekocht roth / rother wie die von Lübeck gekocht zu uns gebracht werden. Der Kopf ist sonderlich / bestehet von