

grouped under the designations *Brachyurus* and *Macrourus*. The second section of the *Macrouri* is defined "Testa thoracem non tegente, brevissima: Manibus adactylis:" and may perhaps include the Amphipoda, notwithstanding the pedunculate eyes in the definition of *CANCER*.

In the preceding group, number 2 is the interesting new genus, which was soon after confounded with the Amphipod *Cyamus*. It is thus defined: "Oculis IV. Verticalibus; Corpore inciso tuberculato; Ore tubuloso producto: Pycnogonum (Fig. 7)." In the German rendering on the opposite page it is called "Strandspindel (Fig. 7)." The reference should obviously have been to Fig. 4.

In the "Explicatio tabulæ æneæ" the following account is given:—"Fig. IV. Novum genus, a R. D. Ström inter *phalangia* relatum, *Söndm. Tom. 1. p. 209. t. 1 f. 17.* Exemplar hujus insecti, quod munificentia R. Autoris possideo, ita describo; Caput cum thorace unitum, tubo *b.* excavato cylindrico, antice angustiore, postice in thoracem recepto, prominens; Oculi IV. dorsales *a.* in gibbositate thoracis positi; *c.* Antennæ 2. tubo breviores moniliformes, subtus in segmento thoracis, cui oculi insident, radicatæ; segmenta corporis, excepto tubo, IV. cum tuberculo e medio singuli segmenti prominulo. Pedes VIII. singuli ex articulis VII. brevissimis compositi, ungue valido terminati. Ex descriptione patet insectum hoc a generibus antea notis omnino differre, ideoque novum genus, quod e crebris articulationibus *Pycnogonum* dico, constituit."

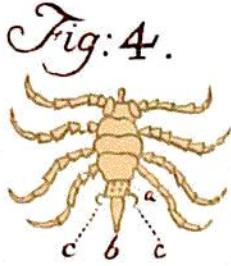


Fig 10.

Brünnich's Fig. 4 is here reproduced.

1764. GRONOV, LORENZ THEODOR.

Zoophylacii Gronoviani Fasciculus secundus exhibens enumerationem Insectorum quæ in Museo suo adservat, examini subjecit, systematice disposuit atque descripsit Laur. Theod. Gronovius. Additis rarissimorum Insectorum iconismis. Lugduni Batavorum, MDCCLXIV.

Among the *Insecta Apta* he gives on p. 227 the following:—"ASTACUS, *Corpus* subcylindricum, oblongum, articulatum, deorsum inflexum. *Thorax* trunco multo brevior. *Antennæ* binæ, vel sex subulatæ, articulatæ, tenuissimæ. *Cauda* foliacea, horizontaliter expansilis. *Oculi* duo, pedunculati, in fronte siti. *Pedes* utrinque novem vel decem. *Posteriora* quatuor *quinqueve paria* curta natatoria. *Anteriora* longissima, quorum nonnulla plerumque chelifera."

Under this genus several *Podophthalma* are included, till on p. 232 he gives the following:—

"989. *ASTACUS muticus*; *peda* utrinque antico subulato, edentulo, longissimo, crassissimo.

"*Astacus* (*crassipes*) *cauda* inflexa, *pedibus* secundi paris tenuibus muticis. *Pallas* in litteris.

"Inter medium animal inter *Astacum* descriptum N. 985, et subsequens genus *Squillæ*. Habitat in aquis substagnantibus prope Lugdunum Batavorum. *Thorax* compressus, lævis, brevis, latiusculus, postice truncatus ore subtus prominulo. *Antennæ* quatuor, quarum utrinque lateralis seu exterior corpore parum brevior, attenuata, articulo ultimo in setam abiente longissimo hispido: interius par brevissimum setaceo-articulatum. *Truncus* elongatus, compressus, incurvus, segmentorum decem, quæ utrinque pone pedes (primo pari excepto) in triquetrum acumen abeunt. *Cauda* angusta, inflexa, expansilis, ejusdem structuræ, qua gaudent *Astaci* sub N. 985–988. descripti. *Pedes* in universum novem? *Prius par* toto corpore longius omniumque pedum maximum, et validissimum, corpori parallelum, antrorum [antrorsum] protensum, crassum, corpori utrinque sub thorace adnexum: hujus paris arti-