

- "*Gammarus pulex*
 " *Krebsförmiger Wasserwurm*, FRISCH, Ins. VII, p. 26, Tab. 18.
 " *Squilla pulex*, DE GEER, Mémoires, VII, p. 525, Tab. 33 (excl. synonym.).
 " *Gammarus pulex*, LATR., Règne anim. IV, p. 120 (excl. citat. Linnæana).
 " *Gammarus pulex*, DESMAREST, Consid., p. 266, Tab. 45, fig. 8, 8a (excl. synonym.).
 " *Gammarus pulex*, ZENKER, Comment. fig. A, C seqq. (excl. synonym.).
 " *Gammarus pulex*, GERVAIS, Ann. des Sc. nat., 2me série, IV, p. 128.
 " *Gammarus fluvialtilis* et *pulex*, MILNE EDWARDS, Crust. III, p. 45 et 48 (pro parte et excl. synonym.).
 " *Gammarus fluvialtilis*, MILNE EDWARDS, Cuv. Règne anim., éd. ill., Crust., Tab. 60, fig. 1.
 " *Gammarus fossarum*, KOCH, Deutschl. Crust., Arachn., und Myriap., Heft. 5, Taf. 1.
 " *Gammarus fluvialtilis*, ZADDACH, Prodromus synops. Crust. Pruss. p. 6.
 " *Gammarus pulex*, HOSIUS, WIEGM. Arch. 1850, 1, p. 233.
 " *Gammarus aquaticus*, LEACH, Linn. Trans. XI. 359. ?"

- " *Gammarus Roeselii* GERV.
 " *Squilla fluvialtilis*, ROESEL, III, Tab. 62.
 " *Cancer locusta*, L., SULZER, Insect., fig. 152.
 " *Crevettes des ruisseaux*, GEOFFROY, Insect. II, pag. 667, Tab. 21, fig. 6.
 " *Gammarellus pulex*, HERBST, Krabben und Krebse, II, pag. 132, Tab. 36, fig. 4, 5.
 " *Gammarus pulex*, LATREILLE, Hist. natur. des Crust. et des Ins., VI, pag. 316, Tab. 57, fig. 1.
 " *Gammarus Roeselii*, GERVAIS, l. l.
 " *Gammarus pulex*, Koch, libr. 1. Heft. 36. Taf. 21.
 " *Gammarus Roeselii*, HOSIUS, l. l."
 (In reference to this list he notes that Sulzer's and Geoffroy's figures are copied from Roesel's figure.)

Zenker's varieties of *Gammarus pulex*, *longicaudatus* and *brevicaudatus*, Burgersdijk says he has found mixed together (promiscue). After giving his reasons in full for the synonymy to *Gammarus pulex*, he adds, "Neque LINNÆUM neque FABRICIUM citavi, quia plures species confundebant, sic in LINNÆI Syst. Nat. Ed. XII, *Cancer pulex*, teste synonymia, continet *Gammarum Roeselii*, *Gammarum* hunc *pulicem*, et *Orchestiæ* speciem; *Gammarus Roeselii* etiam sub nomine *Canceris locustæ* militat; in FABRICII Ent. Syst. II, pag. 516 sub *Gammaro locusta* et *pulice* similis est confusio." From want of materials he refrains from discussing *Gammarus puteanus*, Koch, called by Gervais *Gammarus pulex minutus*, and concludes the subject with the remark, "si tribus hisce speciebus, *G. Roeselii*, *pulici*, *puteano* additur *G. ambulans* FR. MÜLLER (WIEGM. Arch. 1846, I, pag. 296), nulla ommissa erit e speciebus aquæ dulcis, quæ hucusque in Europa repertæ sunt." Here however he reckons without the *Gammarus* (*Niphargus*) *pungens* from the warm springs in Italy, of which we find notice in Ray.

A short chapter is given on *Gammarus locusta*, for which he cites as authorities Leach, Desmarest, Kröyer, Milne-Edwards and Zaddach. He thinks that Guérin's figure in the Iconographie, Crust. Tab. 26, probably represents *locusta*, but points out that the upper antennæ in fig. 7 are shorter, in fig. 7a much longer, than the lower. Nor does he include in the synonymy Montagu's *Cancer* (*Gammarus*) *locusta*, since it has the upper antennæ much shorter than the lower.