

Taonius, Steenstrup, 1861.*Loligopsis*, d'Orbigny, Tryon, de Rochebrune, &c.*Desmoteuthis*, Verrill*Procalistes*, Lankester.*Phasmatopsis*, de Rochebrune.*Megalocranchia* (?), Pfeffer.1. *Taonius pavo* (Lesueur), Steenstrup.1821. *Loligo pavo*, Lesueur, Journ. Acad. Nat. Sci. Philad., vol. ii. p. 96, pl.1839. *Loligopsis pavo*, d'Orb., Céph. acét., p. 321; Calmars, pl. vi. (*excl.* fig. 4); *Loligopsis*, pl. iv. figs. 1-8 (*pars*).1861. *Taonius pavo*, Stp., Overblik, pp. 70, 84.1882. *Desmoteuthis hyperborea* (?), VII., Ceph. N. E. Amer., p. 302, pl. xxvii. figs. 1, 2; pl. xxxix. fig. 1 (*excl. syn.*).1885. *Taonius pavo*, Hoyle, *Loligopsis*, p. 318.2. *Taonius hyperboreus*, Steenstrup (Pl. XXXII. fig. 12; Pl. XXXIII. figs. 1-11; p. 191).1861. *Taonius hyperboreus*, Stp., Overblik., p. 83.1882. *Desmoteuthis tenera* (?), VII., Ceph. N. E. Amer., p. 412, pl. lv. fig. 2; pl. lvi. fig. 3.1885. *Taonius hyperboreus*, Hoyle, *Loligopsis*, p. 321.3. *Taonius cymoctypus* (de Rochebrune), Hoyle.1839. *Loligopsis pavo*, d'Orb., Céph. acét., p. 321; Calmars, pl. vi. fig. 4 (?); pl. xxiii. figs. 10, 11. (*pars*).1884. *Phasmatopsis cymoctypus*, Rochebr., Monogr. *Loligopsidæ*, p. 17, pl. i.1885. *Taonius cymoctypus*, Hoyle, *Loligopsis*, p. 323.4. *Taonius suhmi* (Lankester), (Pl. XXXII. figs. 5-11; p. 192).1884. *Procalistes Suhmii*, Lankester, Quart. Journ. Micr. Sci., vol. xxiv. p. 311.5. *Taonius elongatus*, Steenstrup, MS. (Pl. XXVIII. fig. 13; p. 189).6. *Taonius schneehageni* (Pfeffer).¹1884. *Loligopsis Schneehagenii*, Pffr., Ceph. Hamb. Mus., p. 23, fig. 31.7. *Taonius* (?) *maximus* (Pfeffer).²1884. *Megalocranchia maxima*, Pffr., Ceph. Hamb. Mus., p. 24, fig. 32.*Pyrgopsis*, de Rochebrune, 1884.1. *Pyrgopsis rynchophorus*, de Rochebrune.1884. *Pyrgopsis rynchophorus*, Rochebr., Monogr. *Loligopsidæ*, p. 23, pl. ii. figs. 1-6.¹ Dr. Pfeffer has been good enough to furnish me with a number of additional particulars regarding this form, which leave no doubt that it should be referred to the genus *Taonius*.² If I am correct in referring this form to the genus *Taonius*, the specific designation is singularly unfortunate; *minus* would have been more appropriate; but in the present state of our knowledge it is not worth while to burden the animal with another name.