

Anatomy and Taxonomy of *Satsuma Succincta* (Adams, 1866) and *Satsuma Batanica* *Pancala* (Schmacker & Boettger, 1891) (Gastropoda: Camaenidae) from Southern Taiwan

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Abstract

The taxonomic status of the land snail *Satsuma succincta* remains unclear. The author dissected *Satsuma succincta* collected from Kaohsiung and the other two species, *Camaena cicatricosa* and *Pancala batanica pancala*, which have similar reproductive systems. All the three species lack penial appendix. *Camaena* species demonstrate a swollen portion outside and a long-conic verge inside the penis, large embryonic whorl, malleated shell surface, covered umbilicus and multiple bands on whorl, whereas *S. succincta* and *Pancala* spp. have smooth or angled exterior and a small verge of disc- or knoll-like inside, finely striated shell surface, partly covered umbilicus and only 4 bands on whorl. These differences indicate that the latter two species are not allied to *Camaena*. Owing to the characters of shell and reproductive system of *S. succincta* and *Pancala* are among the variability of *Satsuma*; I suggest that the two groups are members of the genus *Satsuma*, and *Pancala* is a synonym of *Satsuma*.

Keywords : Anatomy, Taxonomy, *Satsuma succincta*, *Satsuma batanica pancala*.