

rock in his shaft, for there is every probability of "payable" auriferous wash being found beneath the massive layer.

In conclusion, while sincerely rejoicing at the prosperous condition of several of the gold mines of Tasmania, I cannot contemplate but with serious misgiving the "mining mania" that has apparently seized the Tasmanian public, especially in the North. Rash investments in mythical quartz reefs is not legitimate mining, and can only lead in many instances to disaster, as happened at Hill-end and Tambaroora, in New South Wales, some few years back.

I sincerely hope it will not be so; but would wish to see every confiding shareholder gladdened by dividends to his heart's content.

There can be no doubt that Tasmania has unbounded wealth in her mines; and I feel assured that in their development she has the means of rising, Phoenix-like, from the ashes of her former comparative poverty to a dazzling height of permanent prosperity.

TYPE SPECIES OF TASMANIAN SHELLS UNRECORDED IN THE "CENSUS OF TASMANIAN SHELLS."

BY PROFESSOR R. TATE, ASSOC. LIN. SOC., F.G.S., &c.

[Read 14th June, 1881.]

Having, in the course of my researches in the bibliography of Australian Mollusca, noted that some specific names, founded on Tasmanian types, are not referred to in the conchological papers contained in recent issues of the Society's transactions, I have thought some utility may be served by their publication. They are not necessarily addenda to the "Census" by the Rev. J. E. Tenison-Woods, as it remains to be ascertained whether they are applicable or not to good species, and if to good species then whether they have priority or not over others already enumerated in the "Census." This task I relegate to the author—a "Revised Census."

To the following list I have appended references to the authorities for the specific names, and the localities of the type-specimens:—

COLUMBELLA ROSACEA, Reeve, Icon. Conc., (?)—*C. semiconvexa*. Tasmania.

CERITHIUM DIEMENSE, Quoy and Gaimard, Voy. Astrolabe to 55, f. 11-13. Tasmania.

CERITHIUM DUBIUM, Sowerby, Mes. Con., sp. 62; and Reeve, Icon. Con. t. 12, f. 78 (has priority over *C. monachus*, Crosse), Tasmania.

HYDROBIA GUNNII, *Frauenfeld*, Zool. and Bot. Gess., Wien, xv., t. 8, 1865. Tasmania.

AMNICOLA DIEMENSE, *Frauenfeld*, op. cit., t. 10. Tasmania.

PLANORBIS AUSTRALIANUS, *Martens*, Paetel. cat. der. Conch., p. 116, 1873. Tasmania.

AURICULA AUSTRALIS, op. cit. t. 13, f. 34-38 (*Syn. ophicardelus cornea*, Swainson). Hobart.

MESODESMA DIEMENSIS, *Quoy and Gaimard*, op. cit., t. 82, f. 14-15. Hobart.

TELLINA UMBONELLA, *Lamarck*, an. s. vert. vi. p. 531, King's Island.

CORBICULA BRUNNEA, *Prime*, Proc. Acad., Sc. Philad., p. 126, 1861. Tasmania.

ARCA SEMITORTA, *Lamarck*, op. cit., p. 37. Tasmania.

ARCA PISTACHIA, *Lamarck*, p. cit., p. 41. King's Island.

ARCA SQUAMOSA, *Lamarck*, op. cit., p. 45. King's Island.

CRENATULA MODIOLARIS, *Lamarck*, op. cit., p. 137. Maria Island.

MELEAGRINA ALBA, *Lamarck*, op. cit., p. 152. D'Entrecasteaux Channel, Tasmania.

The following have been published subsequent to the issue of the "Census":—

TROCHUS BAUDINI, *Fischer*, Journ. de Conch., 1878. King's Island.

PECTUNDULUS ORBICULARIS, *Angas*, P. Z. S., 1879, p. 420, to 35, f. 9.—*P. flabellatus*, Woods. Bass' Straits, Tasmania.

NOTES ON A SPECIES OF *ZIERIA* NEW TO TASMANIA.

BY AUGUSTUS SIMSON, F.L.S.

[Read 14th June, 1881.]

Zieria veronica, F. Von Mueller, Trans. Phil. Soc., Victoria, i. p. 11., 1854.

I first discovered this addition to our list of the Tasmanian Flora in October, 1879, near the Ruby Tin Mining Company's claim, George's Bay.

There were two small specimens, one bearing a blossom, growing in very light, sandy soil, in company with *Astroloma pinifolia*, and other more common plants.

I made it out to belong to the order *Rutaceae*, but could not identify it with any of the Tasmanian species of that order, recorded in the Rev. Mr. Spicer's handbook, and felt sure that it was an addition to our Flora, if not altogether a new plant.

Last October, in travelling to George's Bay, I noticed a