

In the meantime, I may repeat that as regards the parietal eye the early stages of development agree exactly with those of bony fishes, while, as regards the foetal membranes, there is an equally striking agreement with the Chelonians (turtles and tortoises), to which group some of our most eminent zoologists—*e.g.*, Boulenger—have long supposed the Tuatara to be closely related. The views of these authorities have received startling confirmation from the study of the development of the Tuatara.

Considering the evidently close relationship of the Tuatara with the turtles and tortoises, it seems almost certain that some trace of the parietal eye, which is so strongly developed in the former, will also be discovered in embryos of the latter group; and this is a point to which I would venture to direct the special attention of embryologists.

ART. XXV.—*List of New Zealand Mollusca described in Foreign Publications since 1890.*

By HENRY SUTER.

[Read before the Philosophical Institute of Canterbury, 22nd February, 1899.]

I. NON-MARINE MOLLUSCA.

Lagochilus hedleyi, Suter.

Proc. Lin. Soc. N. S. Wales (2), vol. viii., p. 484, pl. xxii., fig. 1 (1894).

Lagochilus torquillum, Suter.

P. L. S., N. S. Wales (2), vol. viii., p. 485, pl. xxii., fig. 2 (1894).

Lagochilus chiltoni, Suter.

Proc. Mal. Soc. London, vol. ii., p. 33, pl. iv., fig. 1 (1896).

Lagochilus studeri, Suter.

Proc. Mal. Soc. London, vol. ii., p. 33, pl. iv., fig. 2 (1896).

Gundlachia, sp., Suter.

P. L. S., N. S. Wales (2), vol. viii., p. 486 (1894).

Neojanella dubia, Cockerell.

P. Z. S., 1891, p. 217.

Athoracophorus simrothi, Suter.

Proc. Mal. Soc. London, vol. ii., p. 34, pl. iv., figs. 3, 4 (1896).

Athoracophorus dendyi, Suter.

Proc. Mal. Soc. London, vol. ii., pp. 253–255, with figs. in text (1897).

Athoracophorus schawinslandi, Plate.

Sitz. Ber. Akad. Berlin, 1897, p. 141: Zoolog. Jahrb., vol. xi., pp. 194–280, pl. ix.–xiv. (1898), Anatomy.

Janella bitentaculata, Q. and G.

Collinge: P. Z. S., 1894, pp. 528–530, Anatomy.

Janella maculata, Collinge.

P. Z. S., 1894, pp. 527–530, Diagn. and Anatomy.

Revision of the *Athoracophoridae*, by H. Suter.

Proc. Mal. Soc. London, vol. ii., pp. 245–257 (1897).

Endodonta (Charopa) pseudocoma, Suter.

P. L. S., N. S. Wales (2), vol. viii., p. 495, pl. xxiii., fig. 9 (1894).

Endodonta (Charopa) segregata, Suter.

P. L. S., N. S. Wales (2), vol. viii., p. 496, pl. xxiii., fig. 10 (1894).

Endodonta (Charopa) anguiculus, Reeve, var. *montivaga*, Suter.

P. L. S., N. S. Wales (2), vol. viii., p. 498, pl. xxiii., fig. 11 (1894).

Endodonta (Charopa) prestoni, Sykes.

Proc. Mal. Soc. London, vol. i., p. 218, with fig. in text (1895).

Endodonta (Charopa) roseveari, Suter.

Proc. Mal. Soc. London, vol. ii., pp. 34, 35, pl. iv., figs. 5–7 (1896).

Endodonta (Charopa) titirangiensis, Suter.

Proc. Mal. Soc. London, vol. ii., p. 35, pl. iv., figs. 8–10, (1896).

Endodonta (Charopa) vortex, Murdoch.

Proc. Mal. Soc. London, vol. ii., p. 160, with figs. in text (1897).

Endodonta (Charopa) coma, Gray, var. *multicostata*, Murdoch.

Proc. Mal. Soc. London, vol. ii., p. 161, with figs. in text (1897).

Endodonta (Ptychodon) magdalena, Ancey.

British Naturalist, Ap., 1891, p. 65 (is *E. hectori*, Suter, 1890).

Endodonta (Ptychodon) hunuaensis, Suter.

P. L. S., N. S. Wales (2), vol. viii., p. 494, pl. xxiii., fig. 8 (1894).

Flammulina (Phenacohelix) perplexa, Murdoch.

Proc. Mal. Soc. London, vol. ii., p. 161, with figs. in text (1897).

Flammulina (Phenacohelix) ponsonbyi, Suter.

Proc. Mal. Soc. London, vol. ii., p. 285, with figs. in text (1897).

Flammulina (Phenacohelix) pilula, Reeve (1852).

Suter: Proc. Mal. Soc. London, vol. ii., p. 284, with figs. in text (1897).

Flammulina (Therasia) traversi, E. A. Smith (1884).

Suter: P. L. S., N. S. Wales (2), vol. viii., p. 490, pl. xxii., fig. 5 (1894), Dentition.

Flammulina (Allodiscus) wairoaensis, Suter.

P. L. S., N. S. Wales (2), vol. viii., p. 488, pl. xxii., fig. 3 (1894).

Flammulina (Allodiscus) urquharti, Suter.

P. L. S., N. S. Wales (2), vol. viii., p. 489, pl. xxii., fig. 4 (1894).

Flammulina (Allodiscus) chion, Sykes.

Proc. Mal. Soc. London, vol. ii., p. 107, with figs. in text (1896).

Flammulina (Allodiscus) mossi, Murdoch.

Proc. Mal. Soc. London, vol. ii., p. 162, with figs. in text (1897).

Laoma (s. str.) pirongiaensis, Suter.

P. L. S., N. S. Wales (2), vol. viii., p. 491, pl. xxii., fig. 6 (1894).

Laoma (s. str.) elegans, Suter.

Proc. Mal. Soc. London, vol. ii., p. 35, pl. iv., figs. 11, 12 (1896).

Laoma (Phrixgnathus) lucida, Suter.

Proc. Mal. Soc. London, vol. ii., p. 36, pl. iv., figs. 13–15 (1896).

Laoma (Phrixgnathus) spiralis, Suter.

Proc. Mal. Soc. London, vol. ii., p. 36, pl. iv., figs. 16–18 (1896).

Laoma (Phrixgnathus) moellendorffi, Suter.

Proc. Mal. Soc. London, vol. ii., p. 37, pl. iv., figs. 19–21 (1896).

Laoma (Phrixgnathus) hamiltoni, Suter.

Proc. Mal. Soc. London, vol. ii., p. 37, pl. iv., figs. 22–24 (1896); Macquarie Island.

Laoma (Phrixgnathus) sublucida, Suter.

Proc. Mal. Soc. London, vol. ii., p. 37 (1896).

Laoma (Phrixgnathus) phrynia, Hutton, var. *major*, Suter.

Proc. Mal. Soc. London, vol. ii., p. 259 (1897); Stewart Island.

Rhytida greenwoodi, Gray (1850).

Moss: Trans. Manchester Microsc. Soc., 1894 (p. 4, reprint), pl. ii., fig. 3, Radula.

Paryphanta hochstetteri, Pfr. (1862).

Godwin-Austen: Proc. Mal. Soc. London, vol. i., pp. 5-9, pl. i. (1893), Anatomy.

Schizoglossa novo-seelandica, Pfr. (1862).

Hedley: P. L. S., N. S. Wales (2), vol. vii., pp. 387-392, pl. ix., x. (1893), Anatomy. Murdoch: Proc. Mal. Soc. London, vol. i., p. 138 (1894), Variation and Habits.

Land Mollusca of Stewart Island, Suter.

Proc. Mal. Soc. London, vol. ii., pp. 258, 259 (1897).

II. MARINE MOLLUSCA.

Ischnochiton parkeri, Suter.

Proc. Mal. Soc. London, vol. ii., pp. 186, 187, with figs. in text (1897).

Plaxiphora superba (Cpr.), Pilsbry.

Man. Conch. (1), vol. xiv., p. 319, pl. lxviii., figs. 55-61 (1893).

Plaxiphora suteri, Pilsbry.

Nautilus, vol. viii., p. 8 (1894).

Plaxiphora subatrata, Pilsbry.

Man. Conch. (1), vol. xiv., p. 201 (1893). Suter: Proc. Mal. Soc. London, vol. ii., pp. 190, 191, with figs. in text (1897).

Plaxiphora obtecta (Cpr.), Pilsbry.

Man. Conch. (1), vol. xiv., p. 330 (1893).

Spongiochiton productus (Cpr.), Pilsbry.

Man. Conch. (1), vol. xiv., p. 26 (1892).

Eudoxochiton huttoni, Pilsbry.

Man. Conch. (1), vol. xiv., p. 194, pl. xlvi., figs. 96-100 (1893).

Revision of the New Zealand *Polyplacophora*, Suter.

Proc. Mal. Soc. London, vol. ii., pp. 183-200, with figs. in text (1897).

Acmæa chathamensis, Pilsbry.

Man. Conch. (1), vol. xiii., p. 56, pl. xxxv., figs. 43-46 (1891).

Acmæa helmsi, E. A. Smith.

Proc. Mal. Soc. London, vol. i., p. 58, pl. vii., figs. 4, 5 (1894).

- Patella kermadecensis*, Pilsbry.
Nautilus, vol. vii., p. 106 (1894). Proc. Acad. Nat. Sci.,
Philad., 1894, p. 208, pl. vii., viii.
- Scissurella lytteltonensis*, E. A. Smith.
Proc. Mal. Soc. London, vol. i., p. 57, pl. vii., figs. 1, 2
(1894).
- Trochus oppressus*, Hutton, var. *dunedinensis*, Suter.
Proc. Mal. Soc. London, vol. ii., p. 261 (1897).
- Monodonta porcifera*, Watson (1885).
Suter: Proc. Mal. Soc. London, vol. ii., p. 264, with fig. in
text (1897), Radula.
- Monodonta coracina*, Troschel.
Suter: Proc. Mal. Soc. London, vol. ii., p. 265, with fig.
in text (1897), Radula.
- Cantharidus sanguineus*, Gray, var. *elongata*, Suter.
Proc. Mal. Soc. London, vol. ii., p. 272 (1897).
- Photinula suteri*, E. A. Smith.
Proc. Mal. Soc. London, vol. i., p. 58, pl. vii., fig. 3 (1894).
Suter: *l.c.*, vol. ii., p. 278, with fig. in text (1897),
Radula.
- Gibbula micans*, Suter.
Proc. Mal. Soc. London, vol. ii., p. 279, with fig. in text
(1897).
- Revision of the New Zealand *Trochidæ*, Suter.
Proc. Mal. Soc. London, vol. ii., pp. 260–283, with figs. in
text (1897).
- Rissoia hamiltoni*, Suter.
Proc. Mal. Soc. London, vol. iii., pp. 2, 3, fig. iv. in text
(1898).
- Rissoia annulata*, Hutton, var. *minor*, Suter.
Proc. Mal. Soc. London, vol. iii., p. 3 (1898).
- Rissoia subfusca*, Hutton, var. *miconema*, Suter.
Proc. Mal. Soc. London, vol. iii., p. 4 (1898).
- Rissoia fumata*, Suter.
Proc. Mal. Soc. London, vol. iii., p. 5, fig. i. in text (1898).
- Rissoia foveauxiana*, Suter.
Proc. Mal. Soc. London, vol. iii., p. 5, fig. ii. in text (1898).
- Rissoia lubrica*, Suter.
Proc. Mal. Soc. London, vol. iii., p. 5, fig. iii. in text (1898).
- Rissoia plicata*, Hutton, var. *lyalliana*, Suter.
Proc. Mal. Soc. London, vol. iii., p. 6 (1898).
- Barleeia neo-zelanica*, Suter.
Proc. Mal. Soc. London, vol. iii., p. 8, fig. v. in text
(1898).

- Revision of the New Zealand *Rissoiida*, Suter.
Proc. Mal. Soc. London, vol. iii., pp. 2-8 (1898).
- Paludestrina hamiltoni*, E. A. Smith.
Proc. Mal. Soc. London, vol. iii., p. 22, figs. i., ii. in text
(1898); Macquarie Island.
- Scalaria zelebori*, Clessin.
Martini and Chemnitz, *Scalariidæ*, p. 50 (1897). (The
name is preoccupied by Frauenfeld, 1868.)
- Scalaria novo-seelandiæ*, Clessin.
Martini and Chemnitz, *Scalariidæ*, p. 57 (1897).
- Scalaria reevei*, Clessin.
Martini and Chemnitz, *Scalariidæ*, p. 63 (1897).
- Mitra obscura*, Hutton (1873).
Suter: Proc. Mal. Soc. London, vol. ii., pp. 201, 202, with
fig. in text (1897).
- Mitra albopicta*, E. A. Smith.
Proc. Mal. Soc. London, vol. iii., p. 21, fig. v. in text
(1898).
- Oncidiella obscura*, Plate.
Zool. Jahrb. Anat., vol. vii., p. 207 (1893).
- Modiolarca bicolor*, E. A. Smith.
Proc. Mal. Soc. London, vol. iii., p. 25, fig. iii. in text
(1898); Macquarie Island.
- Myrina minuta*, E. A. Smith.
Proc. Mal. Soc. London, vol. iii., p. 24, fig. iv. in text
(1898).
- Philobrya meleagrina*, Bernard.
Journ. de Conch., vol. xlv., p. 12, pl. i., fig. 3 (1897);
Stewart Island.
- Philobrya costata*, Bernard.
Journ. de Conch., vol. xlv., p. 15, pl. i., fig. 5 (1897);
Stewart Island.
- Philobrya filholi*, Bernard.
Journ. de Conch., vol. xlv., p. 16, pl. i., fig. 6 (1897);
Stewart Island.
- Hochstetteria trapezina*, Bernard.
Journ. de Conch., vol. xlv., p. 18, pl. i., fig. 7 (1897);
Stewart Island.
- Condylocardia crassicosta*, Bernard.
Journ. de Conch., vol. xlv., p. 175, pl. vi., fig. 1 (1897);
Stewart Island.
- Condylocardia concentrica*, Bernard.
Journ. de Conch., vol. xlv., p. 176, pl. vi., fig. 2 (1897);
Stewart Island.

Cyamium oblongum, E. A. Smith.

Proc. Mal. Soc. London, vol. iii., p. 24, figs. viii., ix. in text (1898); Macquarie Island.

Macoma suteri, E. A. Smith.

Proc. Mal. Soc. London, vol. iii., p. 23, fig. vi. in text (1898).

Mactra ordinaria, E. A. Smith.

Proc. Mal. Soc. London, vol. iii., p. 23, fig. vii. in text (1898).

Vanganella taylori, Gray (= *Resania lanceolata*, Gray).

Dall: Proc. Mal. Soc. London, vol. iii., p. 85 (1898), Anatomy.

Zenatia acinaces, Q. and G. (= *Z. deshayesii*, Reeve).

Dall: Proc. Mal. Soc. London, vol. iii., p. 86 (1898), Anatomy.
