
There are many other interesting animals living in this pond, but I must defer noticing them till another opportunity. I would, however, mention that *Lepidurus (Apus) kirkii* was very plentiful during August and the early part of September, but it has now disappeared, and a large reddish-brown *Hydra* has made its appearance and affords me much amusement in observing its curious method of increase.

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[Read before the Wellington Philosophical Society, 21st February, 1880.]

In the author's preface to the new Manual of New Zealand Mollusca, just published by the Colonial Museum and Geological Survey Department, the following passage occurs:—"Much still remains to be done towards working out the geographical distribution of the species; and lists would be particularly valuable from Napier, Taranaki, Wellington, Nelson, Hokitika, and Banks Peninsula."

Since reading the above-quoted passage, I have carefully examined the large collections contained in the Colonial Museum, and also the private cabinets of Mr. E. Butts, junr., Mr. H. B. Kirk, and Mr. Herbert, to all of whom my sincere thanks are due.

The results of this examination will be found in the following catalogue, which contains in all the names of 262 species and varieties, as follows:

- Cephalopoda—7
  - Scaphopoda—2
  - Brachiopoda—6
- Gasteropoda—163
- Lamellibranchiata—84

This number will probably, ere long, be greatly increased, as no attempt worthy of the name has yet been made to dredge this part of the coast.

Where a species which has no Wellington representative in the Colonial Museum occurs in a private cabinet, the initials of the collector are appended.

For the purposes of this paper, I shall consider the neighbourhood of Wellington to include not only the Harbour, but also that piece of coast between Pencarrow Head and Porirua Harbour.

It was my intention to have appended notes on the relative abundance of the various species, as also on observed phenomena connected with the growth of individual forms; but these must be reserved for a future occasion.

**Cephalopoda.**

Octopus maorum, *Hutton.*
Argonauta tuberculata, *Shaw.*
Onychoteuthis bartlingii, *Lesueur.*
Ommastrephes sloanii, *Gray.*

| Sepioteuthis bilineata, *Q. and G.* |
| Sepia apama, *Gray* (broken shells). |
| Spirula peroni, *Lam.* |
GASTEROPoda.

Onohidella nigricans, Q. and G.  
Amphibola avellana, Chem.  
Siphonaria australis, Quoy.  
   " sipho, Sow.  
   " obliquata, Sow.  
Gadinia nivea, Hutton.  
Acos kirki, Hutton.  
Pleurotoma albula, Hutton.  
Drillia nova-zealandica, Reeve.  
Daphnella cancellata, Hutton.  
Defranchia luteo-fasciata, Reeve.  
Murex zealandicus, Quoy.  
   " angasi, Crosse.  
   " octogonus, Quoy.  
Trophon ambiguus, H. and J.  
   " stangeri, Gray.  
   " incisus, Gould.  
   " inferus, Hutton.  
   " paive, Crosse.  
Fusus spiralis, Adams.  
Neptunea zealandica, Quoy.  
   " caudata, Q. and G.  
   " dilatata, Quoy.  
   " nodosa, Martyn.  
   " var. B.  
   " var. C.  
   " traversi, Hutton (small).  
Euthria lineata, Chem.  
   " var. C.  
   " litorinoides, Reeve.  
   " martensiana, Hutton.  
Cominella maculata, Martyn. 
   " testudinea, Chem.  
   " nassoides, Reeve.  
   " lineolata, Lam.  
   " funerea, Gould.  
Purpurea hastrum, Martyn.  
Polytropa textiliosa, Lam.  
   " succincta, Lam.  
   " striata, Martyn.  
   " quoyi, Reeve.  
   " seolina, Q. and G.  
Ancillaria australis, Sow.  
Coriocella ophione, Gray.  
Mitra rubiginosa, Hutton.  
Voluta pacifica, Lam.  
   " var.  
   " gracilis, Swainson. (E.B.)  
Marginella albescens, Hutton.  
Eratia lactea, Hutton.  
Triton spengleri, Chem.  
Ranella leucoostoma, Lam.  
   " vexillum, Sow.  
Cassis pyrum, Lam.  
Trivia australis, Lam.  
   " eocinella, Lam.  
Struthiolaria papulosa, Martyn. 
   " var. B.  
   " var. C.  
   " australis, Gmel.  
   " inermis, Sow.  
Trichotrops inornata, Hutton.  
Scalaria wellingtonensis, sp. nov.  
Philippia lutea, Lam.  
Ianthina communis, Lam.  
   " iricolor, Reeves.  
   " exigua, Lam.  
Natica zealandica, Quoy.  
Chenmitzia zealandica, Hutton.  
Obeliscus roseus, Hutton.  
Odostomia lactea, Angas.  
Eulima chathamensis, Hutton.  
Cerithidea bicarinata, Gray.  
   " nigra, Q. and G.  
Littorina cincta, Quoy.  
   " cerulescens, Lam.  
Fossarina varius, Hutton.  
Rissaoina plicata, Hutton.  
   " purpurea, Hutton.  
Barlecia rosea, Hutton.  
   " nana, Hutton.  
   " impolita, Hutton.  
Turritella rosea, Quoy.  
   " fulminata, Hutton.  
Cladopoda zealandica, Quoy.  
Siliquaria australis, Quoy.  
Trochita scutum, Lesson.  
   " nova-zealandiae, Lesson.  
Crypta costata, Deshayes.  
   " monoxyla, Lesson.  
   " unguiiformis, Lam.  
Hipponyx australis, Lam. (E.B.)  
Acmea pileopsis, Q. and G.  
   " fragilis, Chem.  
Nerita atrata, Lam.  
Turbo amaragdus, Martyn.  
   " var. B.  
   " granosus, Martyn.  
Calcarr cookii, Lam.  
   " imperialis, Lam.  
Rotella zealandica, H. and J.  
Anthora tuberculata, Gray.  
   " chathamensis, Hutton.  
   " tiarata, Q. and G.  
Euchelus bellus, Hutton.
GASTEROPODA.—Continued.

Diloma æthiops, Gmel.
  " nigerrima, Chem.
  " gaimardi, Philippi.
  " hectori, Hutton. (H.B.K.)
Trochococclea subrostrata, Gray.
Zizyphinus punctulatus, Martyn.
  " granatum, Chem.
  " selectus, Chem.
  " cunninghami, Gray.
Cantharidus iris, Gmel.
  " zealanicus, Adams.
  " purpuratus, Martyn.
  " huttoni, Smith.
Bankivia varians, Beck.
Monilea egena, Gould.
Gibbula sanguinea, Gray.
  " simulata, Hutton.
  " inconspicua, Hutton.
Margaria fulminata, Hutton.
Haliotis iris, Martyn.
  " rugoso-plicata, Chem.
  " gibba, Philippi.
Emarginula striatula, Quoy.
Tugal parapluhoidea, Q. and G.
Parnophorus unguis, Lin.
Pallida inconspicua, Gray.
  " reevei, Hutton.
  " affinis, Reeve.
  " radians, Gmel.
  " flava, Hutton.
Patella tramosorica, Martyn.
  " stellularia, Quoy.
  " stellifera, Chem.
  " rubiginosa, Hutton.
Chiton pellis-serpentis, Quoy.
  " sinclari, Gray.
  " concentricus, Reeve.
  " gracilis, Gray.
Lepidopleurus longicymbeus, De Blainville.
Tonicia undulata, Quoy.
  " rubiginosa, Hutton.
Chetopleura nobilis, Gray.
Plaxiphora biramosa, Q. and G.
Acanthochites zealanicus, Q. and G.
  " porphyriticus, Reeve.
  " ovatus, Hutton.
Cryptonchus porosus, Burrow.
Cylichna striata, Hutton.
Bulla quoyi, Gray.
Haminea obesa, Low.
Philine sp.
Aplysia brunnea, Hutton.
  " venosa, Hutton.
Aplysia tryoni, Meinertzhagen.
Pleurobranchia nova-zealandiae, Cheeseeman.
Doris wellingtonensis, Abraham.
Phidiana longicauda, Quoy.

SACHNOPODA.

Dentalium huttoni, sp. nov.

LAMELLIBRANCHIATA.

Barnea similis, Gray.
Pholadidea spatulata, Sow.
Teredo antarctica, Hutton.
Saxicava australis, Lam.
Panopsea zealandica, Quoy.
Corbula zealandica, Quoy.
Anatina tasmanica, Reeve.
Lyonsia vitrea, Hutton.
Myodora striata, Quoy.
Chamaostrea albida, Lam.
Mactra discors, Gray.
  " scalpellum, Desh.
  " asqilatris, Desh.
  " donaciformis, Gray (?).
Standella ovata, Gray.
  " elongata, Q. and G.
  " notata, Hutton.
Zenatia acinaoes, Q. and G.
  " Vannagella taylori, Gray.
  " Retra perpicua, Hutton.
Psammobia stangeri, Gray.
  " lineolata, Gray.
  " affinis, Reeve.
Soletellia nitida, Gray.
Tellina alba, Q. and G.
  " deltoidalis, Desh.
  " disculus, Desh.
  " subovata, Sow.
Mesodesma nova-zealandiae, Chem.
  " ovalis, Desh.
  " ventricosa, Gray.
  " spissa, Reeve.
Venus oblonga, Hanley.
  " creba, Hutton.
Chione lamellata, Lam.
  " yatei, Gray.
LAMELLIBRANCHIATA.—Continued.

Chione costata, Quoy.
"" mesodesma, Quoy.
"" stuchburyi, Gray.
Callista multiseta, Sow.
Artemis australis, Gray.
"" subrosa, Gray.
"" lambata, Gould.
"" grayi, Zittel. (H.B.K.).
Tapes intermedia, Quoy.
Venerupis reflexa, Gray.
"" paupercula, Desh. (?)
Cardium striatum, Sow.
Lucina divaricata, Lam.
Diploodonta globularis, Lam.
Kellia cycladiformis, Desh.
Pythina stoei, Hutton.
Solemya parkinsonii, Smith.
Crassatella bellula, Adams.
Cardita australis, Lam.
Barbata decussata, Sow.
"" pusilla, Sow.
Pectunculus laticostatus, Quoy.
"" striatularis, Lam.
Nucula nitidula, A. Adams.
"" stranglei, A. Adams.
"" sulcata, A. Adams.

Leda concinna, A. Adams.
Solenella australis, Q. and G.
Mytilina magellanicus, Lam.
"" latus, Chem.
"" edulis, L. Reeve.
"" ater, Frauenfeld.
Crenella impacta, Hermann.
Modiola areolata, Gould.
"" fluviatilis, Hutton.
Lithodomus truncatus, Gray.

(H.B.K.)
Pinna zealândica, Gray.
Pecten zealândica, Gray.
"" gemmulatus, Reeve.
"" radiatus, Hutton.
"" volvicatus, Hutton.
Vola laticostatus, Gray.
Lima japonica, A. Adams.
"" angulata, Sow.
Anomia stoei, Hutton. (H.B.K.)
"" electus, Gray. (H.B.K.)
Planuunnomia zealândica, Gray.
"" hone, Gray. (H.B.K.)
Ostrea edulis, L. Reeve.
"" discoidæ, Gould.

BRACHIOPODA.

Waldheimia lenticularis, Desh.
Terebratella cruenta, Dillwyn.
"" rubicundâ, Solander.

Magas evansi, Davidson.
Bouchardia cunningii, Davidson.
Rhynchonella nigricans, Sow.


[Read before the Wellington Philosophical Society, 21st February, 1880.]

Dentalium huttoni.

Shell white, lustrous; small, curved, rapidly tapering, ribbed, ribs unequal, about eighteen at the anterior end, but diminishing in number towards the apex.

Length, .63 inch; breadth, .1 at anterior end.

Three specimens from the stomach of a trumpeter (Latria hecateia).

Named after Professor Hutton, to whose exertions students of Conchology in this country are so greatly indebted.

Dentalium ecosatum.