

Mr. Travers gave an account of how the reclamation of land is effected near Bordeaux.

Mr. J. D. Enys pointed out that there was a dwarf gum tree in Tasmania that might be useful for this purpose.

The President said it was not merely the question of reclaiming land but also the protection of good land, and often of important works, mentioning the Cape Farewell lighthouse as an instance where protection against the drifting of the sand is an important consideration.

Mr. Travers exhibited a variety of the blue penguin (*Eudyptula minor*) recently captured at Evans Bay.

Mr. J. D. Enys exhibited the jaw of a tuatara, which he had found near Lyall Bay, and the skull of an ancient Maori dog which he had found in the cooking ovens at Paikakariki along with the bones of moas and men.

TENTH MEETING. 2nd October, 1872.

Dr. Hector, F.R.S., President, in the chair.

1. "On the Life and Times of Te Rauparaha," Chapter IV., by W. T. L. Travers, F.L.S. (See *Transactions*, p. 51.)

Embracing the period from 1770 to 1817, and bringing down the account of that eventful period to the first conquest of the native tribes and the migration of the chief from Kawhia to Wanganui.

The President said in reference to a remark relative to Kawhia harbour that he had been there on board H.M.S. "Eclipse," and that he thought it would yet be a most important settlement.

2. "On the New Zealand Sertularians," by Capt. F. W. Hutton, C.M.Z.S. (See *Transactions*, p. 256.)

The author enumerated thirteen species, twelve of which he had found in Lyall Bay, eight of these being new to the New Zealand fauna, and five new to science.

The President gave a short account of the Turner reef, which had been discovered near Jackson harbour, on the south side of Cook Strait. The reef had been traced on the surface for about 1000 feet, crossing the promontory between Queen Charlotte Sound and Point Gore, and yields on an average, by several analyses, half an ounce to the ton. Some specimens are, however, very rich. The rock is a foliated schist, and quite different from the rock in which the gold is found on Baker's Hill and Terawiti, which has more resemblance to the bed rock at the Inangahua reefs.*

* See Geological Reports, 1872, p. 125.