

(1.) A large block of sandstone from Te Paretie Creek, Mohaka River, covered with a large and beautiful form of the genus *Flabellum*, probably a new species from the higher beds of Lower Miocene formation. A number of other fossils occur in the same block, among which is *Aturia ziczac*. These were collected by Mr. McKay.

(2.) A remarkable fossil shell from lower green-sand formation in the East Cape District (Awanui Series), collected by Mr. McKay, probably belonging to the genus *Margaritana*, allied to the freshwater pearl-shell of Britain. The characters of this fossil were described, and the relation of the beds from which it was obtained showed that this fossil would be of considerable value in assisting the recognition in the field of the horizon in the Lower Cretaceous rocks that yield bituminous shale and petroleum oil.

(3.) Specimens of a large fossil stalked Cirripede, recently collected by Mr. Park, at Motatapu Island, Auckland. A careful restoration will have to be made before definitely determining this fossil, but it will probably be found to belong to the genus *Scalpellum*, and is distinguished provisionally under the name of *S. aucklandicum*. In size, this fossil Cirripede greatly exceeds any previously known, in *S. magnum* the capitulum being only $1\frac{1}{2}$ inches in length, while in the Auckland specimen it is at least 8 inches. These fossils occur in a breccia, marking the old shore line of the upper part of the Waitemata Series, similar to the Cape Rodney beds. The associated fossils are *Corals*, *Brachiopods*, and *Echinoderms*. Among the latter are two specimens having plates of a *Cidaris* of enormous size.

SECOND MEETING: 6th July, 1887.

Dr. Hutchinson, President, in the chair.

New Member.—Mr. T. Trimble.

Papers.—1. "On the Dodders and Broom-Rapes naturalized in New Zealand," by Thomas Kirk, F.L.S. (*Transactions*, p. 182.)

2. "On the Occurrence of the Masked Plover in New Zealand," by T. W. Kirk. (*Transactions*, p. 33.)

3. "Ornithological Notes," by T. W. Kirk. (*Transactions*, p. 29.)

4. "On *Anthosoma smithii*," by T. W. Kirk. (*Transactions*, p. 31.)

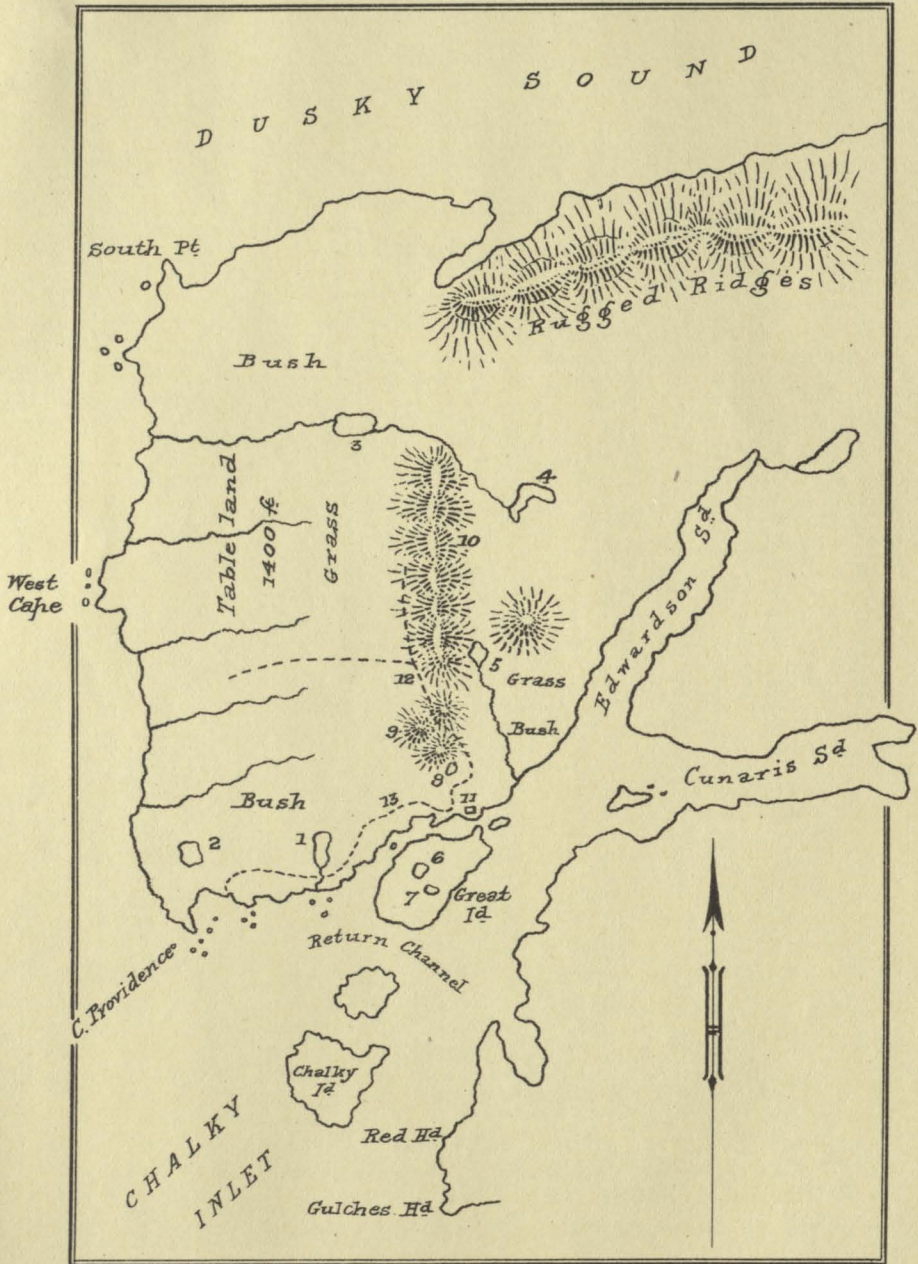
THIRD MEETING: 10th August, 1887.

Dr. Hutchinson, President, in the chair.

New Member.—Mr. C. H. Pierard.

Papers.—1. "On Ancient Alphabets in Polynesia," by E. Tregear. (*Transactions*, p. 353.)

2. "Notes on Forestry," by J. S. Prendeville.



A. R. del^{te}

To illustrate Paper by A. Reischek.

C. H. Plith.