SEVENTH MEETING: *5th November, 1913.*

Present: Dr. Charles Chilton, President, in the chair, and about fifty members and friends.

Address.—"Industrial Applications of Electricity," by Mr. R. L. Gray.

Papers.—1. "Unrecorded Plant-habitats, No. IX," by Dr. L. Cockayne.

2. "Note on a Dredging off Puysegur Point," by Mr. P. Chapman; communicated by Dr. Chilton.

This material consists largely of quartz sand with broken and water-worn shells, *Polyzoa*, and Echinoid spines. It indicates an area in which there is a continual scour by currents or tidal action, and therefore affords little chance of finding many perfect organisms. It resembles, in fact, a beach sand such as occurs on a rocky coast unrelieved by stretches of mud deposits.

The organisms noted are,—

Foraminifera—

Miliolina seminulum Linné sp. Very rare.
—— *polygona* d'Orbigny sp. Very rare.
Spiroplecta sagittula Defrance sp. Very rare.
Polymorphina elegantissima Parker and Jones. Common.
—— *compressa* d'Orbigny. Very rare.
Pulvinulina repanda Fichtel and Moll sp. Very rare.
—— —— var. *concamerata* Montagu var. Very rare.
Rotalia clathrata Brady. Occasional.

All the above species have been previously recorded from the Subantarctic Islands of New Zealand (see my report, Subantarctic Islands of N.Z., 1909, pp. 366–70).

Echinoid spines, fairly abundant; indeterminate.

Polyzoa—

Crisia sp., *Idmonea* sp., *Cellaria* sp., *Cellepora* sp., *Selenaria* sp.

Mollusca—

Cuna sp., *Philobrya* sp., *Liotia* sp., *Cyclostrema* sp.

The muds from Milford Sound and Charles Sound were both barren of organisms, being purely terrigenous in character.

Mr. N. Benporath has kindly assisted me in searching the above material for *Foraminifera.*

ANNUAL MEETING: *3rd December, 1913.*

Present: Dr. Charles Chilton, President, in the chair, and sixteen members and friends.

New Member.—Mr. Guy Brittin.

Annual Report.—The annual report and balance-sheet for the year were adopted.

ABSTRACT.

Meetings of the Institute.—Nine meetings of the Institute have been held during the year, at which the following addresses were delivered: "A Suggestion for Future Research in Canterbury," ex-presidential address by Dr. L. Cockayne; "Other Worlds than Ours," by Miss Mary Proctor; "The Origin of Taranaki Petroleum," by Mr. R. Speight; "The Fossils of the British Carboniferous," by Rev. J. Holloway; "Industrial Applications of Electricity," by Mr. R. L. Gray.

At the regular meetings sixteen papers embodying the results of original research have been read. These may be classified as follows: Botany, 6; chemistry, 1; geology, 4; mathematics, 1; physics, 1; zoology, 3.

The Council has had before it the suggestion for future research in Canterbury, outlined by Dr. L. Cockayne in his ex-presidential address, and, while recognizing that the Institute should undertake definite work of the character outlined, it was decided, after full consideration, that in the meantime the Council could not commit the Institute to any definite scheme.