## SESS. II.-1887. NEW ZEALAND.

## NEW ZEALAND INSTITUTE, 1886-87.

## (NINETEENTH ANNUAL REPORT.)

Presented to both Houses of the General Assembly by Command of His Excellency.

THE Board held meetings on the 22nd July, 1886, and 10th February, 1887.

The members who retired from the Board in conformity with clause 6 of the Act were the Hon. Mr. Waterhouse, Mr. Mason, and the Ven. Archdeacon Stock, all of whom were reappointed by His Excellency the Governor.

The elected members of the Board for the year are Dr. Hutchinson, Mr. J. McKerrow, and

The following are the members now belonging to the Institute: Honorary members, 29; ordinary members—Auckland Institute, 277; Hawke's Bay Philosophical Institute, 139; Welling-ton Philosophical Society, 248; Philosophical Institute of Canterbury, 116; Nelson Philosophical Society, 50; Westland Institute, 69; Otago Institute, 156; Southland Institute, 72: making a total of 1,156.

The volumes of Transactions now in stock are—Vol. I. (second edition), 287; Vol. V., 39; Vol. VI., 40; Vol. VII., 136; Vol. IX., 140; Vol. X., 171; Vol. XI., 52; Vol. XII., 60; Vol. XIII., 61; Vol. XIV., 82; Vol. XV., 192; Vol. XVI., 216; Vol. XVII., 246; Vol. XVIII., 190; Vol.

 XIX., not yet fully distributed.
Vol. XIX. of the Transactions was published in May last, and contains seventy-two articles;
also addresses and abstracts of articles which appear in the Proceedings. It contains 680 pages of letter-press and 28 plates. The following is a comparison of the contents with that of the volume for the previous year :---

|                          |     |       |       |       |       | 1887.           | 1886.  |
|--------------------------|-----|-------|-------|-------|-------|-----------------|--------|
|                          |     |       |       |       |       | Pages.          | Pages. |
| Miscellaneous            |     |       |       |       | 120   | $\overline{72}$ |        |
|                          |     |       |       |       |       | 212             | 146    |
| $\operatorname{Zoology}$ | ••• | • • • | • • • | •••   |       | 114             | 108    |
| Botany                   |     | •••   |       | • • • | • • • | 114             |        |
| Chemistry                |     |       |       |       | • • • |                 | 4      |
| Calacity                 |     |       |       |       |       | 134             | 48     |
| Geology                  | ••• |       |       |       |       |                 | 26     |
| Astronomy                |     | •••   | •••   | •••   | •••   | 48              | 33     |
| Proceedings              | 3   |       |       | •••   | •••   |                 |        |
| Appendix                 |     |       |       | • • • | •••   | 52              | 51     |
| The second               |     |       |       |       |       | <u> </u>        |        |
|                          |     |       |       |       |       | 680             | 488    |
|                          |     |       |       |       |       |                 |        |

The cost of printing Vol. XVIII. (new series) was £390 14s. 9d., for 488 pages; and the cost of

the present year's volume—XIX. (new series)—is £535 15s. 5d., for 680 pages. The Board are glad to find that the suggestion made in last year's report, that the different affiliated societies should, immediately after their meetings, publish a short report of their proceedings in pamphlet form, containing abstracts of papers and reports of discussions, has been adopted by the Wellington Philosophical Society. It is understood that the effect has been greatly to revive the interest in the work of the Society, and it is hoped that the other affiliated societies will adopt the same practice.

It will be observed that, owing to the unusually large size of the volume of Transactions, there is only a small balance to the credit of the Board this year, so that it has not been in a position to commence the publication of the quarto memoirs, as proposed in the same report.

A statement of accounts by the Honorary Treasurer is appended, by which it will be seen that there is a credit balance of £36 10s. 9d., besides about £45 in the hands of the London Agent.

JAMES HECTOR, Manager.

Approved by the Board. G. M. WATERHOUSE.

30th August, 1887.