

The Annual Meeting of the
Members held to the Museum
Feb 15th 1869.

On the motion of Mr Whittaker seconded
by Mr Gillies Captain Hutton was
voted to the Chair.

The Secretary read the ~~Annual~~ Report
for the past year, with the lists of
Donations to the Library & Museum as
under.

FIRST ANNUAL REPORT.

The Auckland Institute was formed at a meeting held November 6th, 1867, and, in pursuance of a unanimous resolution passed at the first monthly meeting, was formally incorporated with the New Zealand Institute on June 10th, 1868.

During the past year monthly meetings of the members were held in the Museum, at which the following papers were read, and a free interchange of opinion elicited:—

- On "The Botany of the Northern Part of the North Island," by T. Kirk.
- On "The Crater of White Island," by Lieutenant Edwin, R.N.
- On "The Terrestrial and Fluvial Mollusks of the North Island," by T. B. Gillies.
- "A Report on Specimens of Auriferous Quartz, from the Bobbie Burns Claim, Thames," by —
- On the "Mechanical Principles involved in the Flight of the Albatross," by Captain Hutton, F.G.S.
- On "Hydraulic Mortar," by James Stewart, C.E.
- On "The Birds of the Great Barrier Island," by Captain Hutton, F.G.S.
- On "The Basin of Te Tarata, Rotomahana," by Captain Hutton, F.G.S.
- On "The Birds of the Little Barrier Island," by Captain Hutton, F.G.S.
- "A Descriptive Account of Arid Island," by Captain Hutton, F.G.S., and T. Kirk.
- On "Agricultural Chemistry," by J. Lowe, C.E.
- On "Sinking Funds," by Captain Hutton, F.G.S.
- "An Account of an Extraordinary Tidal Phenomenon at Opetiki," in a letter from W. Mair to Captain Hutton.
- "Analysis of Thermal Waters at Whangape, Waikato," made at the Laboratory of the Geological Survey Department.
- "Analysis of Thermal Waters at Waiwera," made at the Laboratory of the Geological Survey Department.
- On "The Geology of the Island of Pakihi," by Captain Hutton, F.G.S.

Most of the above papers are now in course of publication in the Proceedings of the New Zealand Institute. A supply is expected from Wellington, when members can obtain copies on application to the secretary.

Field excursions of the members have been made to the tufa craters of Waitomokia, the North-Head of the Manukau, and to the caves at the Three Kings, during which much interesting information was collected respecting the geology and natural history of the districts viewed.

Numerous donations have been received by the Council for the Library and Museum of the Institute, a full report of which is appended.

On the formation of the Institute, his Honor the Superintendent at once placed the room in which the Museum is kept at the disposal of the Council as a place of meeting, and intimated that steps would be taken for the transfer of the Museum to the Institute, as soon as it was formally incorporated. The Council is happy to state that negotiations are now in progress for its transfer, and also for a suitable site on which to erect a permanent building.

The Council, having been informed that the Government garden in the Domain had been placed under the control of the Domain Board, communicated with the Board pointing out the advantages to be derived by the public from the utilization of the garden as a botanic garden, and suggested a plan by which this could have been gradually effected, and the Domain improved at a comparatively trivial cost. No acknowledgment of this communication has been received by the Council, which has, however, learned with regret that the garden has been let as a market-garden.

Numerous valuable specimens belonging to the Institute cannot be displayed in the Museum, owing to the want of space and the insufficiency of glass-cases. It is greatly to be hoped the deficiency may be remedied during the present year.

The Council has appointed the Honourable Dr. Pollen as a governor, to represent the Auckland Institute on the Board of the New Zealand Institute.

No intimation has yet been received as to the proportion of the public grant to be voted to the Auckland Institute.

The increasing interest evinced in the objects of the Institute impels the Council to point out that largely increased funds are necessary before they can be carried out to any extent, to express its earnest hope that the members will use their influence to induce new members to join, and as far as possible to give active assistance to the Institute in its endeavours to diffuse a knowledge of the resources of the colony and to aid the progress of science.

The following periodicals are in circulation amongst the members of the Institute:—

The Quarterly Journal of Science, Annals and Magazine of Natural History, Geological Magazine, Chemical News, London, Edinburgh, and Dublin Philosophical Magazine, Quarterly Journal of Microscopical Science, Quarterly American Journal of Medical Science, Gardeners' Chronicle, Scientific American, Mining Journal.

DONATIONS TO THE LIBRARY.

A series of photographs, illustrative of the machinery employed in the laying of the Atlantic cable—J. T. Mackelvie

On the anatomy of *Hatteria punctata*, by Albert Gunther Mit—From the author, per Dr. Hector

Johnston's Lectures on Agricultural Chemistry and Geology—J. H. Crawford

Report of an inquiry into the connection between strong winds and barometrical differences

Report of the Meteorological Committee of the Royal Society—Rev. J. Kinder

Lyell's Elementary Manual of Geology—Captain Hutton, F.G.S.

Lyell's Principles of Geology—Captain Hutton, F.G.S.

Kustel's Processes of Silver and Gold Extraction—Captain Hutton, F.G.S.

The Quarterly Journal of Popular Science, 1868
T. B. Gillies.

DONATIONS TO THE MUSEUM.

A large series of rock specimens and minerals illustrative of the geology of the Great and Little Barrier Islands—Geological Survey Department of N. Z.

Specimens of a fossil pecten and turbinolia from Kaipara—T. Kirk

Auriferous quartz from the Bobbie Burns Claim, Thames—W. Aitken

Copper ore from Whangapurapura, gold from Kaipara, gold from Middle Island, gold from South America, arsenic from Kapanga—F. Whitaker

Fossil wood from the Portland beds—Dr. Purchas

Cement with gold, Charleston, Nelson; auriferous quartz, Westport, Nelson—D. L. Murdoch

Trachytic rocks, Kaipara—Captain Hutton, F.G.S.

Copper ore from the Thames—F. Whitaker

Fossil shells, Oamaru—C. Traill

Fossil wood—Mr. MacCormick

Specimens of crystallised quartz and rock casing from various claims at the Thames—Cartwright

Specimens of a fossil mactra from the alluvium of Kauwaeranga Creek, Thames—Captain Hutton, F.G.S.

Leaf impressions from the Kupakupa Coal Mines, Waikato—T. Russell

Coal from Mount Rochfort, Nelson—H. Wrigg, C. E.

Specimen from the Kyber Pass Claim—R. M. Heighton

33 Specimens from the El Dorado Claim—H. Reads

Fossil wood from Puriri Creek—Mrs. W. Young

Sundry rock specimens—Colonel De Quincey

Minerals from caves at Three Kings—Captain Hutton, F.G.S.

Cairngorm pebble from the Thames—F. H. Lewis-son

Sundry fossils—C. F. Fischer

Coal from Wareori—McDonald

A series of rock specimens and minerals from the Thames—Geological Survey Department

Silicified wood, Mangonui—J. Ball

Yellow copper ore, Lake Wakatip: stream tin, from the Ovens, Victoria—J. B. Bradshaw

Specimen of wood obtained at a depth of 40 feet below the scoria surface, near Mount Eden—John Probert

Two unknown freshwater fishes, Waikato—A. Campbell

Helix busbyi, Whangaroa—J. Bell

1 murex sp., 1 venus sp., and other shells—C. Traill

Ianthina exigua, and other shells—Mrs. W. Young

Collection of moa bones—Dr. Haast, F.R.S.

Maori stone axes, copper sheathing from wreck of the 'Boyd'—J. Bell

Copy of "Auckland Times," September 12, 1842, found in an old Maori cemetery—H. M. Jervis

Collection of 39 coins and medals, chiefly silver—J. H. Crawford

4 copper coins—J. H. Kirby

1 copper coin—C. Hime

Native-grown tobacco from Tokangamutu—J. C. Firth

The greenstone mere originally buried at the foot of the King's flagstaff, Ngaruawahia, and supposed to carry the mana of the King—W. N. Searancke, Esq.

Poisonous fish, Tahiti—G. N. Owen

Model of a river steamer, model of a line-of-battle-ship, 5 Fiji Island spears—T. Russell

Skins of kakapo (*Strizops habroptilus*), crested grebe (*Podiceps hectori*), blue mountain duck (*Sterna antarctica*, *Petroica albifrons*), micumiru (*Acanthisitta chloris*), kotuku (*Ardea flavirostris*), an undescribed scissorsbill—the Director of the Colonial Museum

A golden pheasant (*Thaumalia picta*)—the Auckland Acclimatisation Society

A crested penguin (*Eridypes pachyrhynchus*)—Captain Hutton, F.G.S.

Skin of *Apteryx oweni*; skin of huia—W. Buller, Whanganui, in exchange for skins from this collection

Skull of fish unknown—D. L. Murdoch

Two specimens of *Hatteria punctata*—H. T. Clarke, Tauranga

Two Australian birds—Sir George Grey, per Captain Holt

A frog from Tapu Creek—Isaac Hunt

Skin of an undescribed petrel—Donor unknown

Specimens of a spider—E. Maclean

A lizard (*Naultinus pacificus*)—C. Williamson

Crocodile, iguana, sea snake, and several fishes—C. F. Fisher

Specimen of the malan and its egg—Captain Rough

Specimen of the Northern Island kiwi—the Auckland Acclimatisation Society

A large weta—T. Russell

A whale bird (*Prion turtur*)—C. Mellsop

A weta (?)—J. T. Mackelvie

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February 15, 1869.