

3. "On the Habits of *Prionoplus reticularis*, with Diagnoses of the Larva and Pupa," by Capt. T. Broun. (*Transactions*, p. 284.)

Mr. Cheeseman exhibited, on behalf of Capt. Broun, specimens of the larva and pupa of *Prionoplus*, and pieces of timber perforated by the larva.

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SECOND MEETING. 30th June, 1879

Dr. Purchas, President, in the chair.

*New Members.*—T. W. Gudgeon, C. H. Haines, M.D., F.R.G.S., C. T. Hetley, J. McElwaine, John Reid, J. H. Upton, E. S. Wilcocks.

1. "Notes on the Growth of certain Trees on Scoria Soil near Mount Eden, Auckland," by Mr. Justice Gillies. (*Transactions*, p. 357.)

2. "On the Botany of the Pirongia Mountain," by T. F. Cheeseman, F.L.S. (*Transactions*, p. 317.)

3. "On the Mound-builders of North America," by J. Adams, B.A.

This paper was illustrated by a collection of crania, pottery, stone adzes, arrow-heads, etc., taken from mounds in Illinois, and presented to the Museum by Mr. H. N. Rust, of Chicago.

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THIRD MEETING. 27th July, 1879.

Dr. Purchas, President, in the chair.

*New Members.*—J. Alexander, E. Burgess, C. La Roche.

1. The Secretary read a letter from Mr. W. Atkins in reference to the growth of trees in clay soils near Auckland. He pointed out that many of the Coniferæ enumerated by Mr. Justice Gillies in his recent paper on the growth of trees on volcanic soils, do equally well on stiff clay soils, provided that care is taken to prevent water stagnating about the roots while the trees are young. Mr. Atkin also alluded to the death of many trees near Auckland from the supposed attacks of a fungus on the roots, as a subject worthy of enquiry.

2. "The possible Pacification of the World by means of a rational International Policy," by the Rev. S. Edgar.

3. "The Distress in England; its Causes and Remedies," by J. C. Firth.

4. Dr. Purchas exhibited a number of trenails taken from the schooner "Kenilworth," now being repaired at Auckland. The greater number of the trenails in the vessel were eaten in a spiral manner on the outside by the larva of some beetle, so that many were quite loose in the planking. None of the Auckland ship-builders were acquainted with a similar case. The vessel was twelve years old, and for the last nine had been trading in the Malay Archipelago and South Sea Islands.

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