

Cryptomeria japonica, 29 inches in circumference, or 9 inches in diameter; 24 feet high; 7 years old.

Wellingtonia gigantea, 30 feet in circumference, or 10 inches in diameter; 16 feet high; 4 years old.

Eucalyptus globulus, Blue Gum, 3 feet 10 inches in circumference, or 1 foot 3 inches in diameter; about 60 feet high; 6 years old.

Platanus orientalis, Plane, 21 inches in circumference, or 7 inches in diameter; 3 years 10 months old.

Populus dilatata, or Lombardy Poplar, 3 feet 7 inches in circumference, or 1 foot 2 inches in diameter; about 50 feet high; 9 years old.

The last two sorts were grown out of cuttings. In the measurement of the various trees I have omitted fractions.

2. "On the Ignorance of the Ancient New Zealanders of the Use of Projectile Weapons," by W. Colenso, F.L.S. (*Transactions*, p. 106.)

Mr. Sturm remarked that he personally knew of the first introduction in (the East Coast of) New Zealand of the very toy-arrow described by Mr. C. Phillips in his paper, which took place at Poverty Bay in 1850, where Mr. Sturm was then (and for some time previous) a resident. In that year a young man, "who had been a great voyager and traveller, and who spoke several languages," joined Captain Harris' whaling station party in Poverty Bay, and he first made there this toy-arrow for the Maori lads, and taught them its use—as a plaything. The idle Maoris took to the novelty (as they mostly do) and made many. Mr. Sturm had not yet seen Mr. Phillips' description of the toy-arrow, but fully described the same and its manner of use, offering, indeed, to make some of them, and his whole account closely agreed with the description given by Mr. Phillips, with one exception, that Mr. Sturm never knew of any *set mark* having been struck by it.

3. "Further Notes* on *Danaïs berenice*." In a letter from Mr. F. W. C. Sturm to the Honorary Secretary, Hawke Bay Philosophical Institute. (*Transactions*, p. 305.)

SEVENTH MEETING. 14th October, 1878.

The Right Rev. the Bishop of Waiapu, Vice-president, in the chair.

1. "Memoranda of a Journey in which he succeeded in crossing the Ruahine Mountain Range, with Notes on the local Botany and Topography of that District," (Part II.) by W. Colenso, F.L.S.

At the close, Dr. Spencer proposed, and Mr. J. A. Smith seconded, a unanimous vote of thanks to Mr. Colenso for his very interesting paper, which was also earnestly supported by the Right Rev. Chairman, and warmly accorded by the meeting, with a further particular wish, that the same should be recorded.

2. "On certain New Zealand and Australian Barks useful for Tanning Purposes," by J. A. Smith.

* See Trans. N.Z.I., Vol. X., p. 276.