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THE

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New Plants.

The following description of a magnificent new species of Cycadeous plant, from tropical Eastern Australia, has been forwarded to me by its discoverer Mr. Walter Hill, the Director of the Brisbane Botanic Gardens, A living plant has been received at the Royal Gardens, Kew, also sent by Mr. Hill, J. D. Hooker, Director.

321. CATAKIDOZAMIA, Hill.

C. Hope, Hill: Stem sometimes attaining a height of 60 feet, and from 9 inches to a foot in diameter. Rachis flat, with a prominent central nerve above, rounded beneath, slightly pubescent; the base thick, rounded, and covered with a close velvety tomentum. Piance linear-lanceolate, falcate, acuminate, quite entire, smooth, nearly a foot long, and about an inch in width.

The cone arises singly from the centre of the crown of leaves. Female cone from a foot to 18 inches in length, and about 8 inches in diameter. Scales cordatoreniform, with the points strongly recurved, and a tetragonal stipes equal in length to the fruit. Nut subovate, angular, but variable in shape, covered with a thin shining orange pulp. Male cone about the same length as the female, but less than half its thickness.

This species differs from C. Macleayii (Hill) in the much more noble aspect of the plant, its loftier stem, larger fronds, and broader plans, which are of a darker green colour; in the distinct form of the rachis, which is rounded beneath and flat above, not acutely and prominently 4-angled as in that species; and finally in the fruit, the nut in the present species being not more than one-third the size of that of C. Macleayii.

The plant above described is dedicated to the Hon. Louis Hope, of Cleveland, Queensland, on account of his active and generous patronage of Horticulture, Agriculture, and Botany in this colony.