

Such trees may be expected to yield 1 to 3 lb. of dry rubber per tree up to their tenth year and much more in subsequent years. Exceptionally well developed trees have given as much as 12 to 25 lb. a year without shewing any ill effects or signs of exhaustion.

The general physical and chemical properties of latex are briefly touched upon and analyses quoted of that derived from the plant under discussion. The production of rubber from latex is fully discussed, and the various methods and machines employed are described, and also the purification, vulcanisation and uses of rubber.

The commercial varieties of Para rubber are enumerated, their preparation described, and comparative chemical analyses given of various kinds of plantation rubber from Ceylon and the Strait Settlements.

The recently established value of the seeds of *Hevea brasiliensis* as a source of oil is pointed out as also the possible use of the residual cake as a feeding stuff. The methods of transporting the seeds in a living condition are discussed; the best results appear to have been obtained by packing them in powdered charcoal and sawdust in sealed tins. The use of Wardian cases is however still the most satisfactory method. A chapter is devoted to the diseases of the plant, and an appendix contains estimates supplied by planters of the cost of planting rubber in Ceylon.

W. G. Freeman.

## Personalnachrichten.

Verliehen: Prof. Dr. **C. Fruwirth** in Hohenheim der Ritterorden der kgl. württemb. Krone.

Ernannt: Privatdocent Dr. **Alfred James Ewart** in Birmingham zum Professor der Botanik an der Universität Melbourne.

Gewählt: Sir **William Thiselton-Dyer** zum Mitglied der American Philosophical Society. — Dr. **N. L. Britton**, Director des New-Yorker botanischen Gartens, zum Präsidenten der New York Academy of Sciences.

L'Académie des Sciences (Institut de France) a décerné le Prix Thore (1905), à M. le Prof. Dr. **Gy. de Istvánffi**, Directeur de l'Institut Central Ampélogique Roy. Hongr. (Budapest), pour son travail „Etudes microbiologiques et mycologiques sur le rot-gris de la Vigne (*Botrytis cinerea*, *Sclerotinia Fuckeliana*)“, paru dans les Annales de l'Institut Central Ampélogique (Tome III. 4. 1905. p. 183—360. Pl. XIV—XXI).

Der vor kurzem verstorbene Dr. **J. K. H. Brumund** in Meerssen hat dem Niederländischen Botanischen Verein eine Summe von 30000 Gulden legatirt zur Förderung botanischer Untersuchungen.

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