

tandis que la forme droite n'amène généralement qu'un état de tré-
mulation. Bernard.

FAWCETT, W., Annual Report, Department of Public Gardens and Plantations, and Board of Agriculture, Jamaica. 1902—1903. (Published 1904.)

The work of distributing economic plants has been actively continued cacao, Ippi-appa (*Carludovica jamaicensis*) grape-fruit, lemons, Liberian coffee nutmegs and eucalyptus having been sent out to the greatest extent during the year. Experiments are being conducted with cassavas, both Jamaican and Columbian varieties, the object being to obtain the agricultural yield and starch content of each. Analyses of 27 Columbian varieties are given.

Over 2000 cross-fertilized pineapple seedlings were raised and their cultivation will be continued in the hope of obtaining improved varieties. With regard to experimental work with the sugar-cane it is stated that enough work has now been done to show that the hopes raised at the first production of seedling canes of repeating with the cane the extraordinary improvement obtained in the sugar content of the beet are groundless. Some improvement in this direction has indeed been obtained but it cannot be placed beyond 16 per cent. Further any tendency to increased sugar content seems to be counteracted by a reduced agricultural yield. It would appear that the line of development in the sugar cane must take that of increased vegetative vigour and a large yield per acre.

Details are given of manurial experiments with pineapples, bananas, sugar-canes, and of work on other crops.

The agricultural education work is also summarised.

W. G. Freeman.

Personalnachrichten.

Habilitirt: Dr. med. et phil. **Erwin Baur**, Assistent am botanischen Institut der Universität Berlin, als Privatdozent für Botanik.

Dr. **Achille Forti** in Verona hat das reiche Algenherbar Piccone erworben. Wie bekannt, hatte A. Piccone die Algen des Rothen Meeres, der Inseln Sardinien, Canaren, Azoren etc. und der Weltreise der Corvette „V. Pisani“ besonders studirt.

In den Ruhestand getreten: Geheimrath **Brefeld**, Director des pflanzen.-physiol. Instituts in Breslau (wegen eines schweren Augenleidens).

Gestorben: Prof. Dr. **Goroshankin** in Moskau. — Prof. Dr. **K. v. Mercklin**, ehemaliger Professor am Forstinstitut in Dorpat und Professor an der Petersburger Medico-Chirurg. Akademie, im Alter von 85 Jahren.

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