

*Dracaena* sp. ?—Erect shrub. Fruit green to bright red. Sogere, 1800 ft., No. 258. This seems to be a different species, the leaves being much narrower, and the whole plant smaller. It was not obtained in flower, so cannot be identified.

*D. Draco* L. (introduced ?) is also recorded from the island.

*Cordyline terminalis* Kunth. — Fruit bright scarlet. Sogere, 1000 ft., No. 18.

*Dianella ensifolia* Red. — Flowers dark purple-blue. Sogere, at 2000 ft., No. 327.

*Smilax leucophylla* Blume. — Fruit green. Sogere, at 2500 ft., Nos. 178, 189. There are also two other indeterminable species in fruit in the collection.

#### COMMELINACEÆ.

*Cyanotis capitata* C. B. Clarke. — South Cape, No. 919. The flowers appear, from the dried specimen, to have been blue and yellow.

#### FLAGELLARIACEÆ.

*Flagellaria indica* L.—Flowers white or greenish white. Riverside, Sogere, at 1750 ft., No. 688. Fruits yellowish white, Sogere, at 2000 ft., No. 19.

#### PALMÆ.

*Ptychosperma caryotoides*, n. sp. — Palma humilis. Folia circiter bipedales rachis triquetra validula fusco-furfuracea, segmenta alterna cuneata emarginata flabelliformia dentata, subtus pallida circiter 6 uncias longa et ad apices æqui lata. Spatha tenuis membranacea  $2\frac{1}{2}$  uncias longa. Spadices breves ramosi 3–4 uncias longi, ramis paucis 5–6, circiter 3 uncias longi. Flores masculi parvi plures arcti. Sepala minima ovata. Petala 3 duplo longiora ovata elliptica obtusa striata. Stamina 13, erecti, filamentis brevibus. Pistilli rudimentum tenue elongatum stylo clavato. Flores feminei, magis dissiti. Petala et sepala brevia obtusa lata ovata imbricata. Drupa  $\frac{3}{4}$ -uncia longa aurantiaco-coccinea, elliptica oblonga rostrata, stigma terminale. Pericarpium tenue crustaceum, mesocarpium fibrosum, endocarpium osseum ruminatum.

Sogere. Small erect palm; fruit dark scarlet or orange-scarlet, or green. Nos. 93, 166, 307.

*P. litigiosa* Beccari. — A small palm, with light red drupes with lake cheeks. Sogere, at 2500 ft., No. 72. I have not seen the flowers of this plant, but in other respects it tallies very well with Prof. Beccari's description.

*Linospadix Forbesii*, n. sp.—Caulis erectus,  $\frac{1}{2}$ -uncia crassus. Folia circiter pedales, rachis acute angulata, brunneo-furfuracea, segmenta alterna angusta linearia acuminata acuta carinata, 6–9 uncias longa,  $\frac{1}{4}$  uncia lata, vagina in fibris fissa. Spathæ non visæ. Spadices gracillimi pedales, rachide brunneo-velutino. Flores masculi parvi  $\frac{3}{8}$ -uncia longi, 1–2 in utroque cavo. Sepala lata ovata haud imbricata, parva. Petala lanceolata subobtusa obliqua striata multo longiora. Stamina 6 brevia dorsifixæ. Pistilli rudimentum minimum conicum cylindricum. Flores feminei; drupa oblonga elliptica rostro brevi,  $\frac{3}{8}$ -uncia longa in capsula parva.

Pericarpium tenue crustaceum granulosum, aurantiaca rubra. Mesocarpium fibrosum. Endocarpium æquabile corneum durum.

Sogere, at 2500 ft. Flowers green, and fruit orange-red. Nos. 163, 211.

*L. flabellatus* Beccari. — A small erect shrub, with immature fruit. Sogere, at 2500 ft., No. 235.

The collection contains also a species of *Nenga*, with young male flowers only; and a *Calamus*, near *C. Mishmensis*, from Mt. Wari Wari, at 5000 ft. Flowers whitish yellow. No. 186.

#### PANDANACEÆ.

This order seems to be very well represented in New Guinea, but few species have been sufficiently well collected to be identified or described.

*Pandanus latifolius* Rumph.—Victoria Bay, *Barclay*.

*P. Kurzianus* Solms Laub. — A tree 12 ft. high. Fruit-spikes red when ripe. Jobie Island, *Barclay*, No. 4025.

*P. ceramicus* Kurz. ? — A young female spadix of a screw pine sent by Forbes without specific locality, appears to belong to this species.

*Freycinetia angustissima*, n. sp.—Frutex scandens. Caulis gracilis circiter pedalis. Folia angustissima linearia acuminata acuta 2–2½ uncias longa, ¼-uncia lata marginibus et carina ciliatis, vaginis brevibus teretibus ¼ uncialibus. Bractæ parvæ lanceolatæ acuminatæ pallidæ marginibus dense ciliatis. Capitula feminea singula vel bina globosa vix ½-uncia longa pedunculata, pedunculis ¼-uncialibus. Pistilla distincta conica, stigmata parva depressa. Semina copiosa, hippocreniformia kermesina, strophiolis pallidis, striolata, in mucilagine immersa. Flores masculi non visi.

Sogere, at 2000 ft., ascending on the stems of trees, No. 3. Allied to *F. angustifolia*, but, besides the narrower leaves, distinguished by the strophioles of the seeds.

*F. Forbesii*, n. sp.—Caules scandentes validuli. Folia lanceolata striata basi angustata acuminata, apicibus et carina ciliatis, 4–6 uncias longa, ¾–½ lata, vaginis ferme ¾-uncialibus angulatis costis paucis acutis. Bractæ parvæ ovatæ. Capitula feminea globosa 3–4 in ramo pedicellis ¾-uncialibus validulis. Pistilla monocarpica rarius syncarpica conica. Stigmata ovata rotundata depressa plana lutescentia. Semina kermesina estrophiolata. Fructus coccineus.

Mt. Korkoko, at 2500 ft., January, 1881. Mt. Meroka, No. 352. A large climber, with bright scarlet fruits. Allied to *F. scandens*.

#### ARACEÆ.

*Epipremnum magnificum* Engler. — A climbing shrub. Fruit bright scarlet, orange, or green. Sogere, at 2000 ft., Nos. 128, 328.

*Raphidophora Peepla* Schott?—Spadix white. Sogere, No. 323.

#### NAIADACEÆ.

*Aponogeton crispus* Thunb. — In an affluent of the Laragi, Nov. 1885.