

covered by me. But of the mode of dispersal of the greater bulk of the trees and shrubs with which I became familiar in my excursions I can only conjecture. Many of them possess fruits that would probably attract the fruit pigeon, which is able to swallow fruits as large even as a hen's egg. It is noteworthy that, with the exception of one species of *Areca*, no palm fruits were found in the pigeons' crops; and the fruits of most of the palms collected sink both in fresh and salt water. Of three species of *Areca* experimented upon, the fruit of only one—the common betel-nut palm—floated. Among other fruits that were observed floating were *Gomphandra* sp., a second species of *Calophyllum*, a species of *Harpullia*, and some Scitamineæ, which constitute a conspicuous feature in the vegetation of the region.

ROUGH LIST OF THE DRIFT SEEDS AND SEED-VESSELS COLLECTED BY
DR H. B. GUPPY.¹

GUTTIFERÆ.
Calophyllum inophyllum.

STERCULIACÆÆ.
Heritiera littoralis.

RHAMNACÆÆ.
Smythea sp.

LEGUMINOSÆÆ.
Canavalia sp.
Mucuna gigantea.
Mucuna sp.
Dioclea reflexa ?
Dioclea sp. ?
Pongamia glabra.
Pterocarpus sp.
Ecastaphyllum ?
Cynometra ?

Cæsalpinia nuga.
Bauhinia sp. ?
Acacia sp. ?

COMBRETACÆÆ.
Terminalia sp.
Lumnitzera coccinea.

RUBIACÆÆ.
Guettarda speciosa.

BORAGINÆÆ.
Cordia subcordata.

LAURINÆÆ.
Hernandia sp.

EUPHORBIACÆÆ.
Eccæcaria indica.

AMARYLLIDÆÆ.
Crinum asiaticum.

A comparison of the foregoing list with the preceding enumeration of Mr Moseley's drift seeds and seed-vessels shows that many are the same. Few of them call for special remarks. The *Smythea* is probably *Smythea pacifica*, Seem., concerning the distribution of which little is known. The large proportion of Leguminosæ is in accord with all previous experience. *Cordia subcordata* and *Crinum asiaticum* are interesting; the large spongy tuber-like seed of the latter seemed to be quite sound when cut.

The collection of seeds and seed-vessels taken from pigeons' crops shot in the Solomon Islands by Dr Guppy consists of a dozen species, to several of which, and some others, references are made in Dr Guppy's notes. We have been less successful with these than we were with Mr Moseley's, having failed to determine the genera of half of them; but

¹ About one third of the species collected have not yet been recognised.