

probably, is there so large a number of peculiar types in so small an area ; there being no fewer than six monotypic genera of palms restricted to these small islands.

Most of the plants collected by Hume in Diego Garcia are also in the collections from the South-eastern Moluccas, and those which are not are all widely spread species. The only other plant we have seen from the island is an endemic fern, *Asplenium æquabile*, Baker, a distinct species sent to Kew some years ago by Lady Barkly.

In the body of the present work full details are given of the distribution of many plants which extend to Polynesia, especially such as reach the more remote islands. For purposes of comparison, and as a specimen of the botany of some of the smaller Pacific islands lying thousands of miles apart, the following lists of plants recently collected are interesting. Associated with a number of common littoral plants are a few peculiar to the region. Such are, *Lepidium piscidium*, *Heliotropium anomalum*, and *Timonius forsteri*.

*List of Plants from Rarotonga, collected by Rev. W. WYATT GILL, communicated by
A. W. FRANKS, Esq.*

<i>Alphitonia excelsa</i> , Reiss.	<i>Vitex trifolia</i> , Linn.
<i>Inocarpus edulis</i> , Forst.	<i>Ficus tinctoria</i> , Forst. ?
<i>Melastoma denticulatum</i> , Labill.	<i>Centotheca lappacea</i> , Beauv.
<i>Mussaenda frondosa</i> , Linn.	

List of Plants collected in the Pacific Islands by J. T. ARUNDEL, Esq.

<i>Lepidium piscidium</i> , Forst.	Fanning ; Starbuck ; Suwarrow.
<i>Portulaca oleracea</i> , Linn.	Fanning.
<i>Triumfetta procumbens</i> , Forst.	Fanning ; Suwarrow ; Palmerston ; Enderbury ; Mary or Canton.
<i>Sida fallax</i> , Walp.	Fanning ; Starbuck ; Enderbury ; Mary ; Hull ; Gardner.
<i>Thespesia populnea</i> , Corr.	Enderbury.
<i>Tribulus cistoides</i> , Linn.	Sydney.
<i>Cassia occidentalis</i> , Linn.	Fanning.
<i>Barringtonia speciosa</i> , Linn. f.	Ducie.
<i>Guettarda speciosa</i> , Linn.	Hull ; Gardner.
<i>Pemphis acidula</i> , Forst.	Palmerston ; Hull.
<i>Asclepias curassavica</i> , Linn.	Fanning.
<i>Heliotropium anomalum</i> , H. et A.	Fanning ; Palmerston.
<i>Tournefortia argentea</i> , Linn. f.	Ducie.
<i>Nicotiana tabacum</i> , Linn.	Fanning.
<i>Ipomœa grandiflora</i> , Lam.	Fanning ; Suwarrow ; Enderbury ; Mary ; Hull ; Gardner ; Sydney.
<i>Achyranthes aspera</i> , Linn.	Fanning.
<i>Timonius forsteri</i> , DC.	Palmerston.
<i>Boerhaavia tetrandra</i> , Forst.	Fanning ; Suwarrow ; Enderbury ; Hull ; Phoenix ; Mary.
<i>Hernandia peltata</i> , Meissn.	Not localised.
<i>Euphorbia pilulifera</i> , Linn.	Fanning ; Suwarrow.
<i>Ficus</i> sp.	Fanning.
<i>Fleurya ruderalis</i> , Gaud. ?	Fanning ; Suwarrow ; Enderbury ; Hull ; Gardner.
<i>Lepturus repens</i> , R. Br.	Fanning.