

plants of oceanic islands, the question arises, Do they present any peculiarities? Let us examine the endemic element of the St Helena flowering plants. Firstly, with regard to size: taking order by order and genus by genus, the flowers or flower-heads, as the case may be, will be found rather above than below the average of the order or genus. Excluding the Cyperaceæ and Gramineæ, there are thirty endemic flowering plants, and for purposes of comparison it may be worth giving the size, and colour, and structure of their flowers or flower-heads in a tabular form, premising that they offer no abnormalities in shape. The coloured figures in Melliss's St Helena have been utilised for size and colour.

SIZE AND COLOUR OF THE FLOWERS OF THE ENDEMIC PLANTS OF ST HELENA,
WITH REMARKS ON STRUCTURE, &c.

Name.	Size of Flowers or Flower-heads.	Colour.	Peculiarity in Structure.
<i>Frankenia portulacæfolia</i>	$\frac{1}{4}$ in. across	White	Dimerous ovary.
<i>Melhania melanoxydon</i>	3 ins. across	White changing to red	} Habit of <i>Trochetia</i> , with structure of <i>Melhania</i> .
„ <i>erythroxydon</i>	$2\frac{1}{2}$ ins. long	White changing to red	
<i>Pelargonium cotyledonis</i>	1 in. across	White	Normal.
<i>Phyllica ramosissima</i>	Minute	Greenish yellow	Normal.
<i>Nesiotia elliptica</i>	Small	Reddish	} Differs from <i>Phyllica</i> in opposite leaves and larger corymbose flowers.
<i>Mesembryanthemum cryptanthum</i>	$\frac{1}{4}$ in. across	White	
<i>Pharnaceum acidum</i>	1 in. across.	White	Petals shorter than calyx.
<i>Sium burchellii</i>	Small	White	Unequal sepals and entire stipules.
„ <i>helenianum</i>	Small	White	Normal.
<i>Hedyotis arborea</i>	Small	White	Normal.
<i>Commidendron burchellii</i>	$\frac{1}{2}$ in. across	White and yellow	} Short rotate corolla.
„ <i>spurium</i>	$\frac{1}{4}$ in. across	White and yellow	
„ <i>robustum</i>	$\frac{3}{4}$ in. across	Yellow	
„ <i>rugosum</i>	$1\frac{1}{4}$ in. across	White and yellow	
<i>Melanodendron integrifolium</i>	1 in. across	White and yellow	} Achenes compressed with three or four ribs on each side.
<i>Petrobium arboreum</i>	$\frac{1}{2}$ in. across	White	
<i>Psiadia rotundifolia</i>	Small	White	Achenes 3-5-ribbed.
<i>Senecio leucadendron</i>	$\frac{1}{4}$ in. across	White and yellow	Biaristate pappus.
„ <i>preanthiflora</i>	Very small	White	Normal.
<i>Tripteris burchellii</i>	$\frac{3}{4}$ in. across	Yellow	} Erect inflorescence of small flower-heads.
<i>Lobelia scævolæfolia</i>	$\frac{3}{4}$ in. across	White	
<i>Wahlenbergia angustifolia</i>	1 in. across	} White very faintly tinged with blue	} Pendulous inflorescence of very narrow heads.
„ <i>linifolia</i>	$1\frac{1}{4}$ in. long		
„ <i>roxburghii</i>	$\frac{3}{4}$ in. long	White	Normal.
„ <i>burchellii</i>	$\frac{3}{4}$ in. long	White	Normal.
<i>Plantago robusta</i>	Minute	Green	Normal.
<i>Heliotropium pannifolium</i>	Small	Whitish	Normal.
<i>Melissia begonifolia</i>	$\frac{3}{4}$ in. across	White	} Differs from <i>Saracha</i> in solitary flowers.
<i>Acalypha rosea</i>	Minute	Red	
			} Very long slender pendulous flower-spikes.