
FIGURES OF FOSSIL LEAVES, ILLUSTRATING PAPERS

READ BY R. M. JOHNSTON, F.L.S.

(SEE PP. 322-325 & 335-337.)

Plate I.

- Fig. 1.—Eucalyptus Kayseri, *Johnston* (Fig. 4, p. 323)
2, 3.—Quercus Bischoffensis, „ („ 5, 6, p. 324)
4.—Ulmus Tasmanicus „ („ 7, p. 325)
5, 6 7. — Leaf Impressions associated with 1, 2, 3, and 4, not determined („ 2, 3, 9, p. 325)
8.—Cycadites microphylla, *Johnston* („ 8, p. 324)

Plate II.

- 1.—Laurus Sprentii, *Johnston* („ 1, p. 324)
2, 3.—Leaf Impressions from beneath basalt at Mt. Bischoff, undetermined („ 10, 11, p. 325)
4.—Eucalyptus Milligani, *Johnston* (p. 336)

Plate III.

General outline of Section of Coast-line, illustrating R. M. Johnston's paper. (See p. 310.)

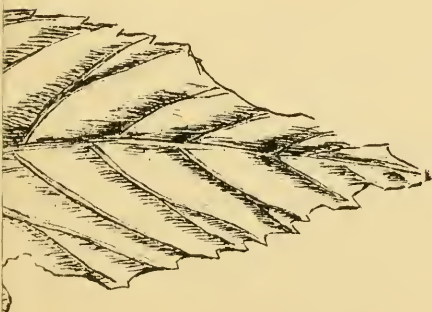
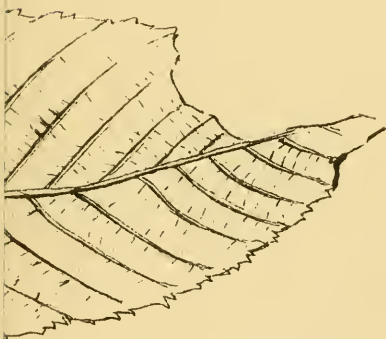
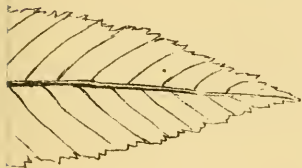


PLATE I.

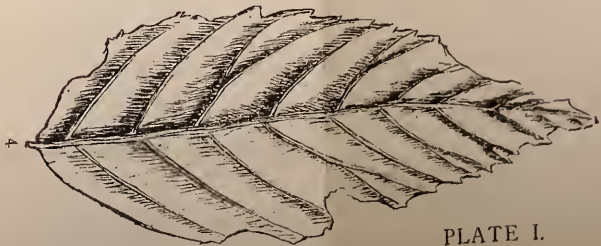
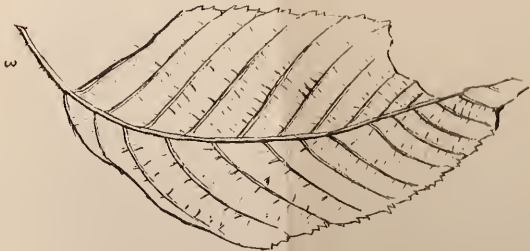
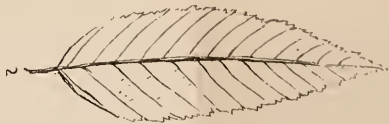
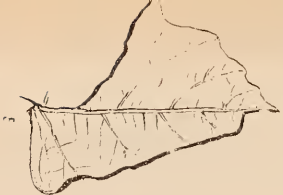
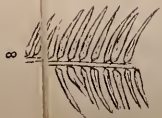
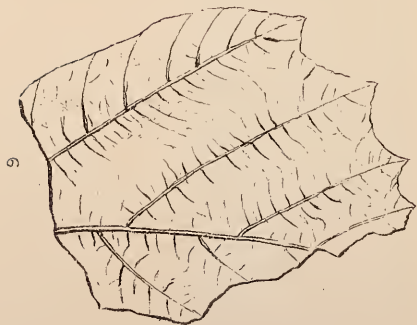


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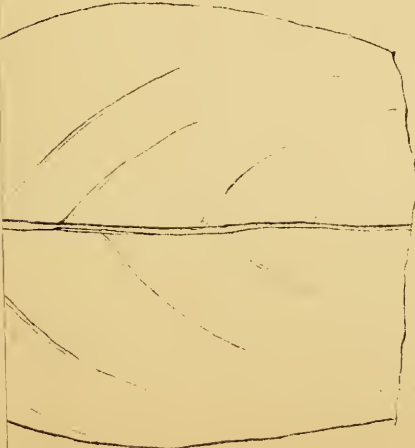
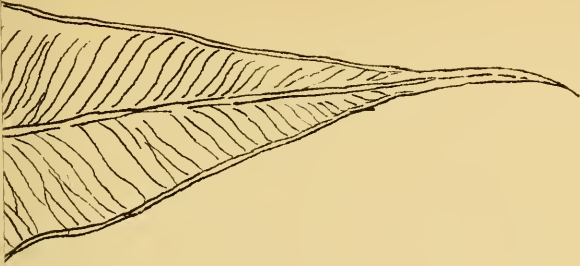
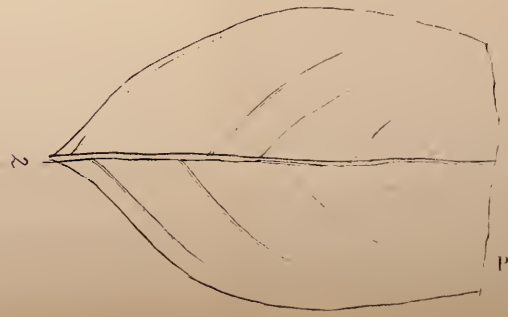


PLATE II.



a. = *Older Greenstone.*

b. = *Marine Beds. (up. Pal.)*

c. = *Newer intrusive diabase.*

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PLATE III.

*General outline of section of Coast-line
between Blackmans Bay and Passage Point.*



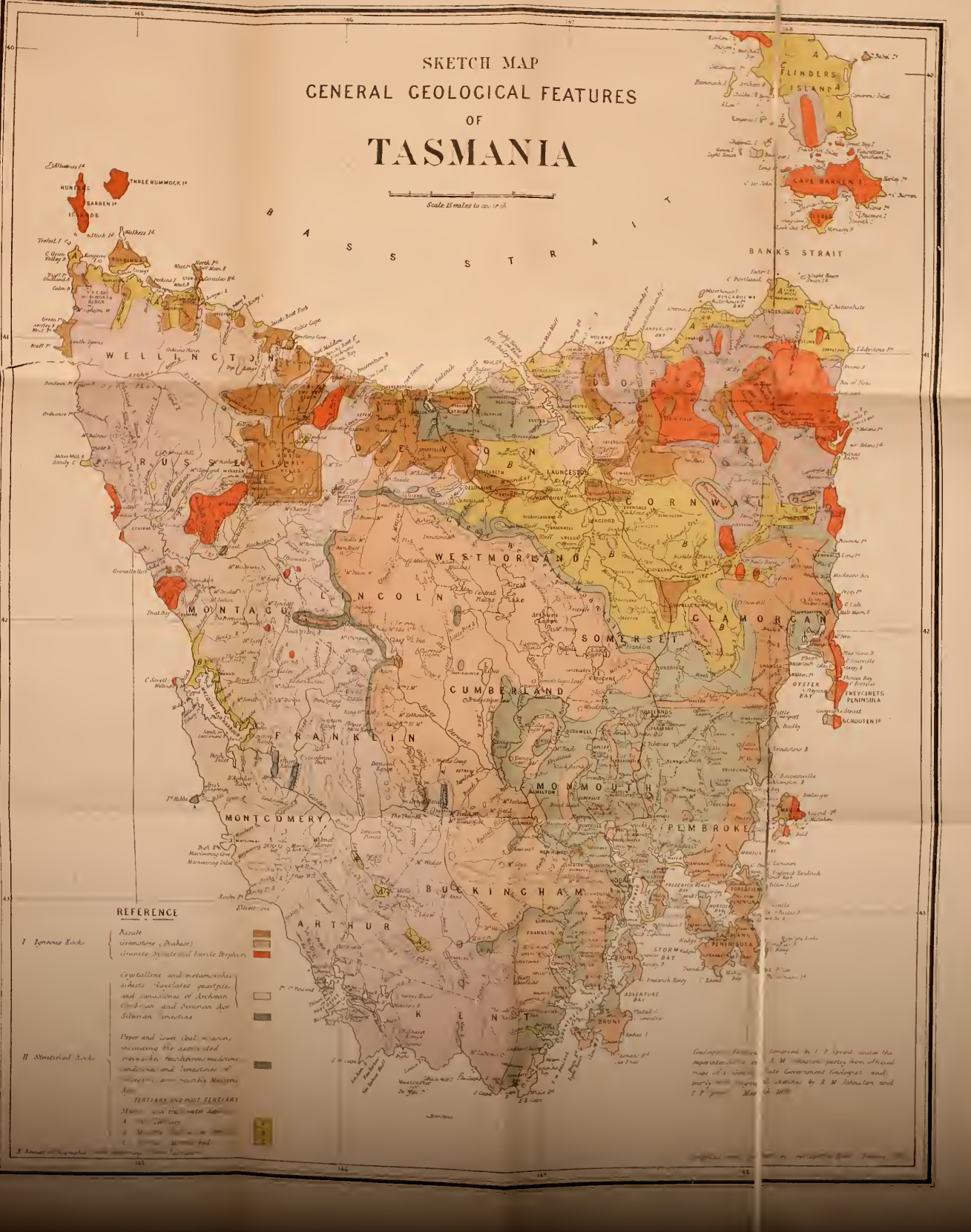
- a.* = *Older Greenstone.*
- b.* = *Marine Beds (up. part.)*
- c.* = *Newer intrusive diabase.*

R. M. JOHNSTON.

<p>21 22</p> <p>Staircase, Mt. Lumbic Range; Olympic and Rockhampton bas. Crocon Creek " Bowen River " Dow River "</p>	<p><u>Kaikoura</u> <u>formation</u></p>	<p><u>Talcher</u> - <u>Karbari Beds</u></p>	<p>Millstone Grit Limestone Series</p>
<p>Creek us us n River itta</p>	<p><u>Kaikaurii</u> <u>Waihoro</u> <u>Wanaka</u> <u>formation</u></p>		<p><u>Divonian</u> Upper Middle Lower</p>
<p>urian e and Anapalite</p>	<p><u>Upper Silurian</u></p>	<p><u>Silurian</u> Obolus Beds Bhabch series</p>	<p><u>Silurian</u> Upper Ludlow group Wenlock Upper Brandony.</p>
<p>River, Ponds</p>			
<p>urian rne o ine</p>	<p><u>Lower Silurian</u> Mt. Arthur series</p>	<p>infra Silurian</p>	<p><u>Lower</u> Lower Brandony group. Camudoch. s. Baku Llanudilo Arenig</p>
<p>urian</p>	<p><u>Archaean</u></p>	<p><u>Archaean</u></p>	<p><u>Archaean</u> or <u>Pre-Cambrian</u></p>
			<p>Cambrian Upper { Tremadoc slates Lingula fossils Lower { Mererian group Murchison group</p>

SKETCH MAP GENERAL GEOLOGICAL FEATURES OF TASMANIA

Scale 15 miles to an inch



REFERENCE

I. Tertiary Rocks

Basalt
Granite (Dundas)
Gneiss, Syenite and Marble Peppers



Crystalline and metamorphic rocks - Anorthite, quartzite, and various kinds of Archaean Gneiss and Schistose and Silurian granites



II. Stratioid Rocks

Upper and lower Devonian including the celebrated Permian, Mesozoic, and Cretaceous and Tertiary and Quaternary rocks



TERTIARY AND POST TERTIARY

Recent and Pleistocene
Alluvium
Clay
Sand
Gravel
Lime
Coal
Peat



Geological features described in I. & II. are taken from official maps of the Tasmanian Government Geological Survey and are based on the work of J. M. Johnston and C. P. Rieuwolt.