

## EXPLANATION OF FIGURES.

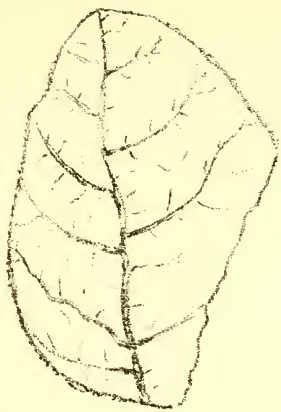
- Figs. 1 to 68.
- 1-33, 35. Leaf impressions common to deposits at Geilston, Pipeclay Bluff, Cornelian Bay, Sandy Bay, and One Tree Point, principally taken, however, from One Tree Point and Pipeclay Bluff, Cornelian Bay.
34. Fruit impression finely, transversely, striated, from Pipeclay Bluff, Sandy Bay.
36. Impressions of curious jointed stem, frequently mistaken for the fossil impression of some form of Pupa; abundant Geilston Travertin.
37. Fossil impression of the imbricated foliage of *Araucaria Johnstonii*, F.v.M. A portion of the cone of do., 6. Portion of the same magnified.
- 38-39. Two views of a lignified fruit from the Deep Lead at Beaconsfield.
- 40-41. A species of *Penteune* (calcareous), probably *P. Allporti*, F.v.M., *n.s.*, for Geilston Travertin. Fig. 41 has been shown with six valves, by mistake, should be five nearly equal divisions.
- 42-43. A fossil fruit with four valves, allied to the genus *Penteune*, and found associated with 40 and 41.
- 44-47. Valves separated belonging to figs. 40-41.
- 48-49. Do., do., do., to figs. 42-43.
50. Fossil cast of *Plesiocapparis leptocelyphis*. Geilston and Pipeclay Bluff.
- 51-52. Fossil cast (calcareous) *Platycoila Sullivani*, F.v.M. Geilston.
- 56-a.b.c. Do., do. (lignite). Deep Lead, Beaconsfield.
53. Fossil cast of a fruit (calcareous) common in Travertin, Geilston.
- 54-55. Do., do., do., also common, do., do.
57. Fossil fruit (lignite) with curiously wrinkled surface, compressed, from Deep Lead, Beaconsfield.
58. Fossil cast (arenaceous) of fruit Stephenson's Bend, Launceston, and One Tree Point, Hobart.
- 59-a.b. *Concotheca turgida*, F.v.M., lignite. Beaconfield.
- 60-a. *Rhytidotheca Johnstonii*, F.v.M., *n.s.*, lignite. Deep Lead, Beaconsfield.
- 61-62, a.b. Compressed soft ligneous fruit, two sections from the lignites of Deep Lead, Beaconsfield.
- 63-a.b. Fossil incisor of an animal probably allied to the existing *Halmaturus* from the *bone breccia*. One Tree Point.
- 64-a.b.c., aa., bb., cc. Three sections actual magnified size of a tooth of a species of *Hypsipsyminus*, from the same point as 63.
65. a.b.c.d. Various sections of a leg bone of a marsupial, associated with 64. Nat. size.
- 66-a.b.c. }  
 67-a.b.c. } Various bones. Nat. size.  
 68-a.b. } Do., do.

NOTE.—The various figures and sketches were kindly copied from the original drawings, and drawn upon lithographic transfer paper by my friend, Mr. Arthur Lovett.

R. M. J.



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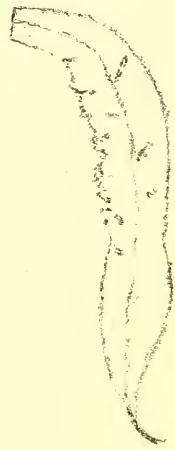
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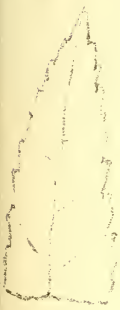


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A



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B



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36 A



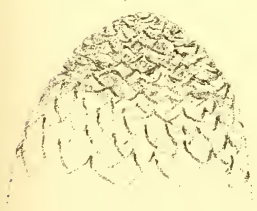
37 B.



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37 A





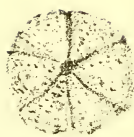
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