



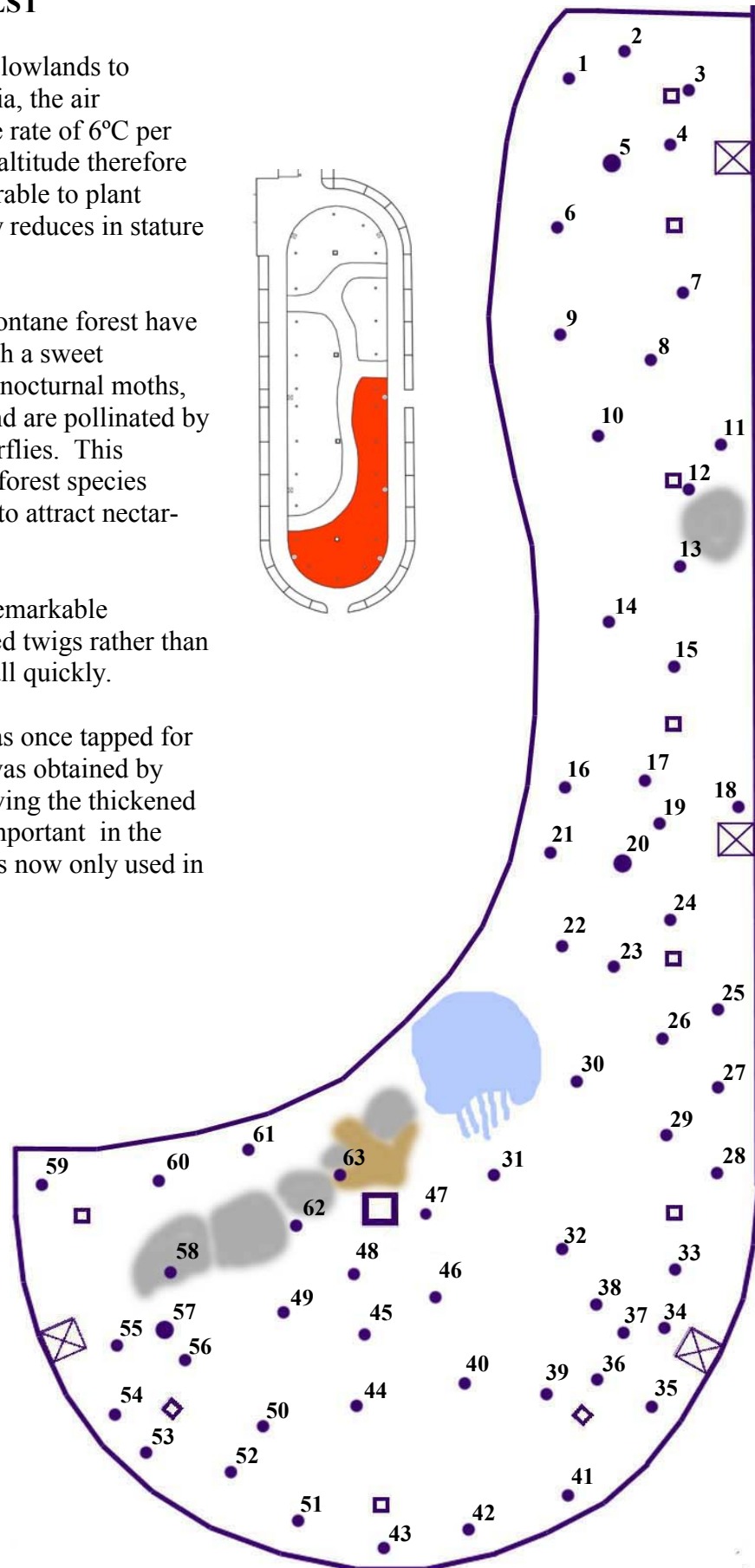
LOWER MONTANE FOREST

As one travels from the coastal lowlands to highland areas in south-east Asia, the air temperature drops at an average rate of 6°C per 1,000 metres. With increasing altitude therefore the climate becomes less favourable to plant growth, and the forest gradually reduces in stature and in species richness.

The rhododendrons of lower montane forest have either white or pink flowers with a sweet fragrance and are pollinated by nocturnal moths, or else bear orange blossoms and are pollinated by day-flying insects such as butterflies. This contrasts to the upper montane forest species which usually bear red flowers to attract nectar-seeking birds.

Phyllocladus (#5 & #57) is a remarkable gymnosperm which has flattened twigs rather than leaves, which are minute and fall quickly.

The kauri tree (*Agathis* #20) was once tapped for **Manila Copal**. This exudate was obtained by cutting into the bark, and removing the thickened sap before it set. It was once important in the manufacture of Linoleum, but is now only used in specialist varnishes.



NATIONAL BOTANIC GARDENS, GLASNEVIN

CURVILINEAR RANGE (Lower Montane Forest) [CL(W)F]

Last updated: January 2003



Dúchas The Heritage Service

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|----|---|----|---|
| 1 | <i>Rhododendron loranthiflorum</i> (ERICACEAE) 1996.0172 | 52 | <i>Rhododendron citrinum</i> (ERICACEAE) 1997.0935B |
| 2 | <i>Rhododendron lochiae</i> (ERICACEAE) 1997.0937B | 53 | <i>Rhododendron brookeanum</i> subsp. <i>brookeanum</i> var. <i>kinabaluense</i> (ERICACEAE) 1996.0132C |
| 3 | <i>Jasminum polyanthum</i> (OLEACEAE) 1999.3958 | 54 | <i>Rhododendron burttii</i> (ERICACEAE) 1996.0136A |
| 4 | <i>Rhododendron vidalii</i> (ERICACEAE) 1996.0226 | 55 | <i>Rhododendron jasminiflorum</i> (ERICACEAE) 1996.0158B |
| 5 | <i>Phyllocladus</i> sp. (PHYLLOCLADACEAE) 1997.0936 | 56 | <i>Rhododendron brookeanum</i> var. <i>moultonii</i> (ERICACEAE) 1996.0134 |
| 6 | <i>Rhododendron quadrasianum</i> (ERICACEAE) 1996.0192 | 57 | <i>Phyllocladus hypophyllus</i> (PHYLLOCLADACEAE) 1996.0119 |
| 7 | <i>Rhododendron retusum</i> (ERICACEAE) 1996.0198B | 58 | <i>Rhododendron lowii</i> (ERICACEAE) 1996.0173 |
| 8 | <i>Rhododendron sumatranum</i> (ERICACEAE) 1996.0218 | 59 | <i>Rhododendron javanicum</i> (ERICACEAE) 1996.016 |
| 9 | <i>Rhododendron sessilifolium</i> (ERICACEAE) 1996.0211 | 60 | <i>Rhododendron longiflorum</i> (ERICACEAE) 1996.0171 |
| 10 | <i>Rhododendron rarilepidotum</i> (ERICACEAE) 1996.0193 | 61 | <i>Rhododendron stapfianum</i> (ERICACEAE) 1996.0214 |
| 11 | <i>Rhododendron album</i> (ERICACEAE) 1996.0123 | 62 | <i>Rhododendron yongii</i> (ERICACEAE) 1996.023 |
| 12 | <i>Jasminum polyanthum</i> (OLEACEAE) 1997.1531 | 63 | <i>Rhododendron burttii</i> (ERICACEAE) 1996.0136B |
| 13 | <i>Rhododendron konori</i> var. <i>phaeopleplum</i> (ERICACEAE) 1996.0165 | | |
| 14 | <i>Rhododendron hellwigii</i> (ERICACEAE) 1996.0152 | | |
| 15 | <i>Rhododendron gardenia</i> (ERICACEAE) 1996.015 | | |
| 16 | <i>Rhododendron beyerinckianum</i> hybr. (ERICACEAE) 1996.0129D | | |
| 17 | <i>Rhododendron solitarium</i> (ERICACEAE) 1997.0934B | | |
| 18 | <i>Rhododendron inconspicuum</i> (ERICACEAE) 1996.0156 | | |
| 19 | <i>Rhododendron carringtoniae</i> (ERICACEAE) 1996.0139 | | |
| 20 | <i>Agathis</i> sp. (ARAUCARIACEAE) 1996.011 | | |
| 21 | <i>Rhododendron christiana</i> (ERICACEAE) 1996.0140B | | |
| 22 | <i>Rhododendron rarum</i> (ERICACEAE) 1996.0194A | | |
| 23 | <i>Rhododendron herzogii</i> (ERICACEAE) 1996.0153 | | |
| 24 | <i>Rhododendron bryophilum</i> (ERICACEAE) 1996.0135A | | |
| 25 | <i>Agapetes scortechinii</i> (ERICACEAE) 1996.0105A | | |
| 26 | <i>Rhododendron macgregoriae</i> (ERICACEAE) 1996.0175 | | |
| 27 | <i>Rhododendron leptanthum</i> (ERICACEAE) 1996.0167 | | |
| 28 | <i>Rhododendron jasminiflorum</i> var. <i>punctatum</i> (ERICACEAE) 1996.0159 | | |
| 29 | <i>Rhododendron jasminiflorum</i> (ERICACEAE) 1996.0158A | | |
| 30 | <i>Rhododendron rarum</i> (ERICACEAE) 1996.0194B | | |
| 31 | <i>Rhododendron superbum</i> (ERICACEAE) 1996.0219 | | |
| 32 | <i>Rhododendron typermanii</i> (ERICACEAE) | | |
| 33 | <i>Rhododendron robinsonii</i> (ERICACEAE) 1996.02 | | |
| 34 | <i>Agapetes scortechinii</i> (ERICACEAE) 1996.0105B | | |
| 35 | <i>Rhododendron burmanicum</i> (ERICACEAE) 1997.0929B | | |
| 36 | <i>Rhododendron vaccinioides</i> (ERICACEAE) 1996.0224 | | |
| 37 | <i>Rhododendron santapau</i> (ERICACEAE) 1996.0207 | | |
| 38 | <i>Rhododendron</i> 'Fragantissimum' (ERICACEAE) 1996.0149A | | |
| 39 | <i>Rhododendron burmanicum</i> (ERICACEAE) 1983.0779 | | |
| 40 | <i>Rhododendron</i> 'Fragantissimum' (ERICACEAE) 1996.0149B | | |
| 41 | <i>Rhododendron simsii</i> (ERICACEAE) 1996.0213 | | |
| 42 | <i>Rhododendron johnstoneanum</i> (ERICACEAE) 1997.0930B | | |
| 43 | <i>Rhododendron johnstoneanum</i> (ERICACEAE) 1997.0930C | | |
| 44 | <i>Rhododendron hongkongense</i> (ERICACEAE) 1996.0155 | | |
| 45 | <i>Rhododendron praetervisum</i> (ERICACEAE) 1996.0191 | | |
| 46 | <i>Rhododendron cuffeanum</i> (ERICACEAE) XX.001406A | | |
| 47 | <i>Rhododendron bryophilum</i> (ERICACEAE) 1996.0135B | | |
| 48 | <i>Rhododendron crassifolium</i> (ERICACEAE) 1996.0143 | | |
| 49 | <i>Rhododendron suaveolens</i> (ERICACEAE) 1996.0217 | | |
| 50 | <i>Rhododendron brookeanum</i> subsp. <i>brookeanum</i> var. <i>kinabaluense</i> (ERICACEAE) 1996.0132B | | |
| 51 | <i>Rhododendron</i> 'Excellens' (ERICACEAE) 1996.1056 | | |