

**Appendix 1.** The number of occurrences of 20 epiphyte species on 7 host tree species.

The total number of trees occupied by each species (N) is shown in addition to the number of occurrences on each host tree species (DS = *Dysoxylum spectabile*, ED = *Elaeocarpus dentatus*, MR = *Melicytus ramiflorus*, PF = *Prumnopitys ferruginea*, BT = *Beilschmiedia tawa*, KE = *Knightia excelsa*, DC = *Dacrydium cupressinum*).

Epiphyte Species	N	BT	DC	DS	ED	KE	MR	PF
<i>Pyrrhosia eleagnifolia</i>	56	14	5	8	11	12	3	3
<i>Asplenium flaccidum</i>	44	4	3	2	20	7	3	5
<i>Collospermum hastatum</i>	28	0	5	1	14	3	1	4
<i>Asplenium polyodon</i>	26	0	5	1	14	2	1	3
<i>Earina mucronata</i>	25	0	3	0	13	4	1	4
<i>Astelia solandri</i>	20	0	3	0	15	1	0	1
<i>Griselinia lucida</i>	18	1	5	0	9	1	0	2
<i>Asplenium oblongifolium</i>	13	0	3	0	10	0	0	0
<i>Earina autumnalis</i>	7	1	1	0	2	2	0	1
<i>Coprosma lucida</i>	4	0	1	0	3	0	0	0
<i>Pseudopanax arboreus</i>	4	0	0	0	4	0	0	0
<i>Dendrobium cunninghamii</i>	3	0	1	0	1	1	0	0
<i>Huperzia varia</i>	3	0	0	0	2	1	0	0
<i>Pittosporum cornifolium</i>	3	0	1	0	2	0	0	0
<i>Macropiper excelsum</i>	2	0	1	0	10	0	0	0
<i>Mysine australis</i>	2	0	1	0	1	0	0	0
<i>Metrosideros robusta</i>	1	0	1	0	0	0	0	0
<i>Melicytus ramiflorus</i>	1	0	0	0	1	0	0	0
<i>Rumohra adiantiformis</i>	1	0	1	0	0	0	0	0
<i>Uncinia spp.</i>	1	0	1	0	0	0	0	0
<b>Number of trees sampled</b>		<b>68</b>	<b>9</b>	<b>79</b>	<b>53</b>	<b>22</b>	<b>28</b>	<b>15</b>

**Appendix 2.** The number of occurrences of 10 vine species on 7 host tree species. The total number of trees occupied by each species (N) is shown in addition to the number of occurrences on each host tree species (DS = *Dysoxylum spectabile*, ED = *Elaeocarpus dentatus*, MR = *Melicytus ramiflorus*, PF = *Prumnopitys ferruginea*, BT = *Beilschmiedia tawa*, KE = *Knightia excelsa*, DC = *Dacrydium cupressinum*).

<b>Liana Species</b>	<b>N</b>	<b>BT</b>	<b>DC</b>	<b>DS</b>	<b>ED</b>	<b>KE</b>	<b>MR</b>	<b>PF</b>
<i>Blechnum filiforme</i>	104	30	0	48	7	6	9	4
<i>Ripogonum scandens</i>	93	19	1	23	23	9	13	5
<i>Microsorium pustulatum</i>	74	12	7	6	33	4	5	7
<i>Metrosideros fulgens</i>	62	13	3	7	21	6	4	8
<i>Metrosideros perforata</i>	56	10	2	4	23	7	4	6
<i>Metrosideros diffusa</i>	54	12	5	10	8	7	7	5
<i>Passiflora tetrandra</i>	25	4	0	1	14	3	2	1
<i>Microsorium scandens</i>	16	3	0	7	1	1	4	0
<i>Parsonsia heterophylla</i>	10	2	1	1	4	1	0	1
<i>Rubus cissoides</i>	6	1	0	2	1	0	1	1
<b>Number of trees sampled</b>		<b>68</b>	<b>9</b>	<b>79</b>	<b>53</b>	<b>22</b>	<b>28</b>	<b>15</b>