

1 **Supplementary material**

2 **Table S1.** Primary and secondary (host species for *Muehlenbeckia sp.*) plant species used for
 3 nest site selection across each breeding season.

Plant species	2012		2013		2014		2015		2016	
	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%	<i>N</i>	%
Primary										
<i>Muehlenbeckia australis/complexa</i>	22	42.3	16	19.8	20	37.0	19	27.5	31	27.7
<i>Cordyline australis</i>	9	17.3	34	42.0	10	18.5	7	10.1	24	21.4
<i>Kunzea ericoides</i>	5	9.6	6	7.4	1	1.9	5	7.2	8	7.1
Unknown	5	9.6	0	0.0	0	0.0	4	5.8	20	17.9
<i>Melicytus ramiflorus</i>	3	5.8	6	7.4	7	13.0	5	7.2	10	8.9
<i>Metrosideros excelsa</i>	3	5.8	3	3.7	13	24.1	15	21.7	12	10.7
<i>Knightia excelsa</i>	2	3.8	3	3.7	1	1.9	3	4.3	1	0.9
<i>Phormium tenax</i>	1	1.9	6	7.4	1	1.9	3	4.3	1	0.9
<i>Leptospermum scoparium</i>	0	0.0	2	2.5	0	0.0	0	0.0	0	0.0
<i>Myrsine australis</i>	0	0.0	1	1.2	1	1.9	3	4.3	0	0.0
Dead tree	0	0.0	1	1.2	0	0.0	2	2.9	0	0.0
Other (<2% each)	2	3.8	3	3.7	0	0.0	3	4.3	5	4.5
Secondary (<i>Muehlenbeckia sp.</i> host)										
<i>Pittosporum crassifolium</i>	8	36.4	1	7.1	0	0.0	2	14.3	0	0.0
<i>Metrosideros excelsa</i>	4	18.2	3	21.4	4	36.4	3	21.4	0	0.0
<i>Cordyline australis</i>	2	9.1	7	50.0	3	27.3	5	35.7	1	25
<i>Kunzea ericoides</i>	2	9.1	0	0.0	2	18.2	1	7.1	0	0.0
<i>Coprosma sp.</i>	2	9.1	0	0.0	1	9.1	0	0.0	2	50.0
<i>Paraserianthes lophantha</i>	2	9.1	0	0.0	0	0.0	0	0.0	0	0.0
<i>Melicytus ramiflorus</i>	1	4.5	1	7.1	2	18.2	2	14.3	0	0.0
Dead tree	1	4.5	1	7.1	0	0.0	1	7.1	1	25.0
Unknown	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0
<i>Vitex lucens</i>	0	0.0	0	0.0	1	9.1	0	0.0	0	0.0

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5 Note: Most commonly used species highlighted in bold for each breeding season.