

## SUPPLEMENTARY MATERIAL

### A preliminary molecular analysis of phylogenetic and biogeographic relationships of New Zealand Thomisidae (Araneae) using a multi-locus approach

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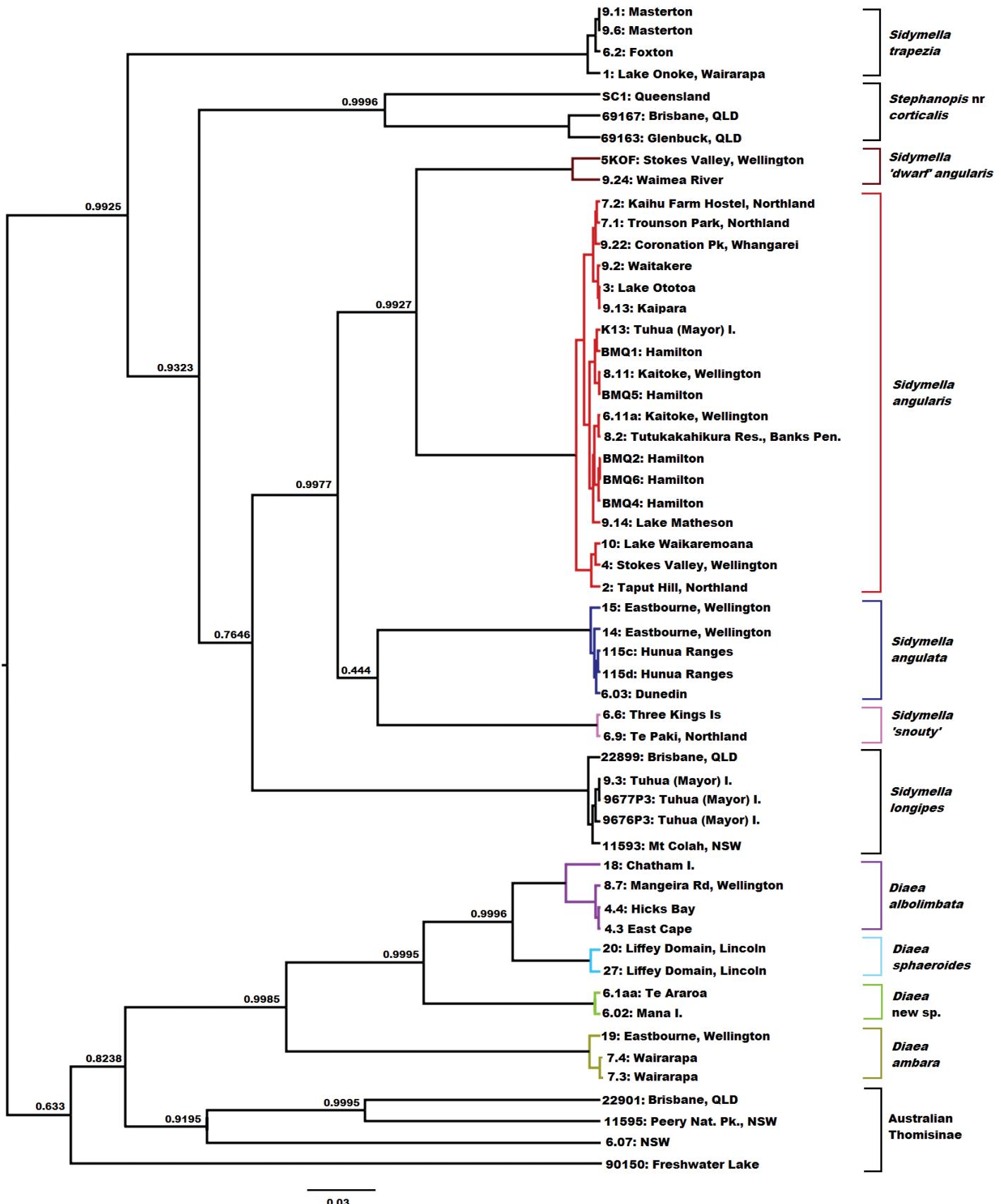
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**Table S1. K2P+G corrected pairwise deletion distances for H3 sequences**

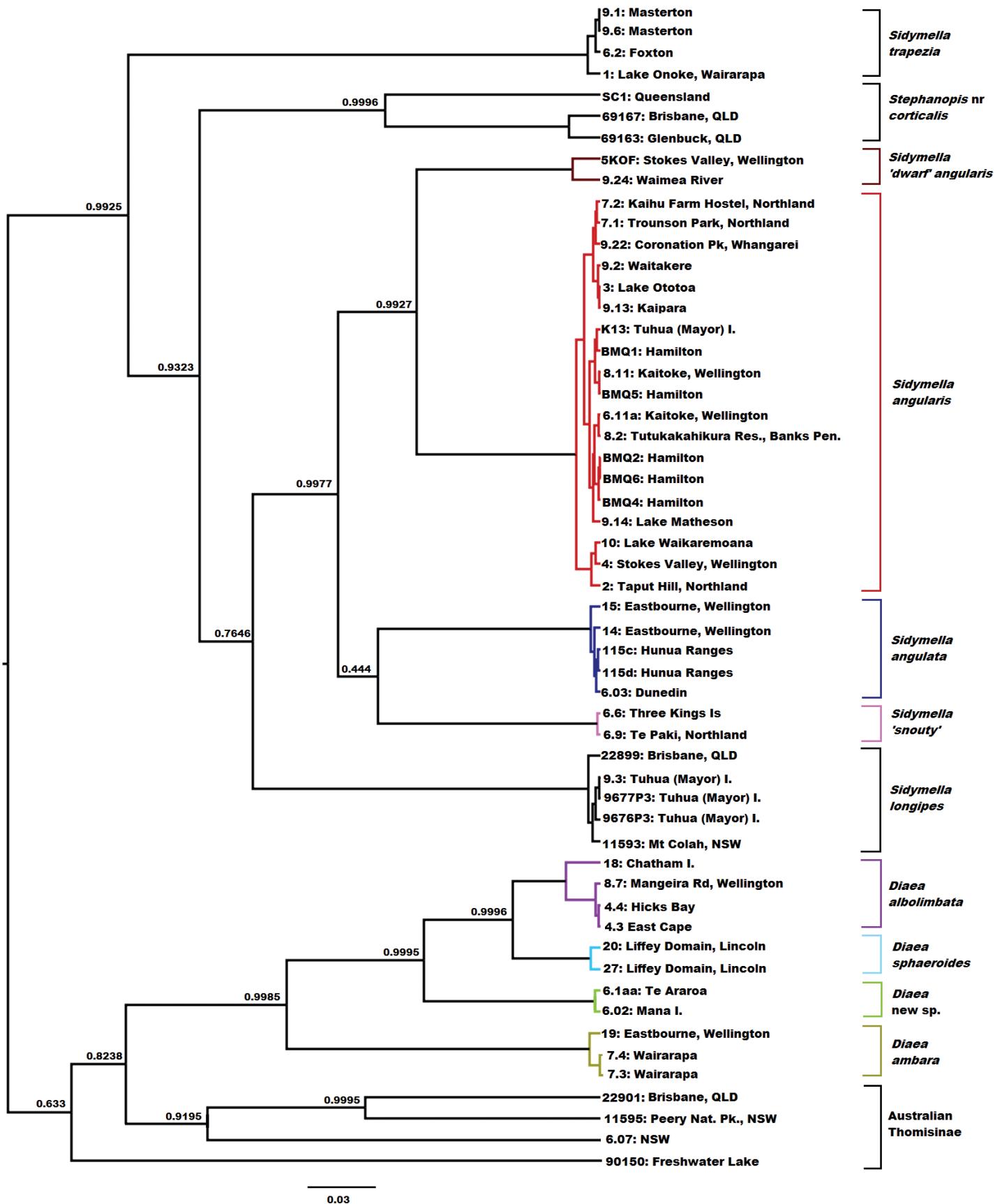
Taxon		1	2	3	4	5	6	7	8	9	10	11	12
1	4 <i>Sidymella angularis</i> Stokes Valley, Wellington												
2	9.14 <i>Sidymella angularis</i> Lake Matheson	0.000											
3	5KOF <i>Sidymella 'dwarf angularis'</i> Waimea River	0.018	0.018										
4	12403 <i>Sidymella angulata</i> East Cape	0.030	0.030	0.023									
5	6.6 <i>Sidymella 'snouty'</i> Three Kings Is	0.031	0.031	0.022	0.033								
6	6.2 <i>Sidymella trapezia</i> Foxton	0.077	0.081	0.064	0.082	0.081							
7	9.3 <i>Sidymella longipes</i> Tuhua (Mayor) Island	0.106	0.109	0.092	0.125	0.110	0.091						
8	EU157117.1 <i>Stephanopis</i> sp. Australia	0.116	0.119	0.109	0.124	0.125	0.111	0.128					
9	SC1 <i>Stephanopis nr corticalis</i> QLD	0.079	0.078	0.069	0.080	0.069	0.093	0.114	0.110				
10	22901 <i>Thomisus spectabilis</i> Brisbane, QLD	0.120	0.123	0.125	0.137	0.126	0.131	0.151	0.147	0.107			
11	7.4 <i>Diae a ambara</i> Wairarapa	0.111	0.114	0.108	0.119	0.108	0.133	0.140	0.141	0.112	0.071		
12	EF419135.1 <i>Spartaeus platnicki</i>	0.221	0.224	0.222	0.211	0.222	0.243	0.239	0.230	0.206	0.226	0.189	
13	20 <i>Diae a sphaerooides</i> Liffey Domain, Lincoln	0.121	0.124	0.118	0.129	0.126	0.135	0.138	0.151	0.118	0.081	0.041	0.217

**Table S2.** K2P+G corrected pairwise deletion distances for ND1 sequences

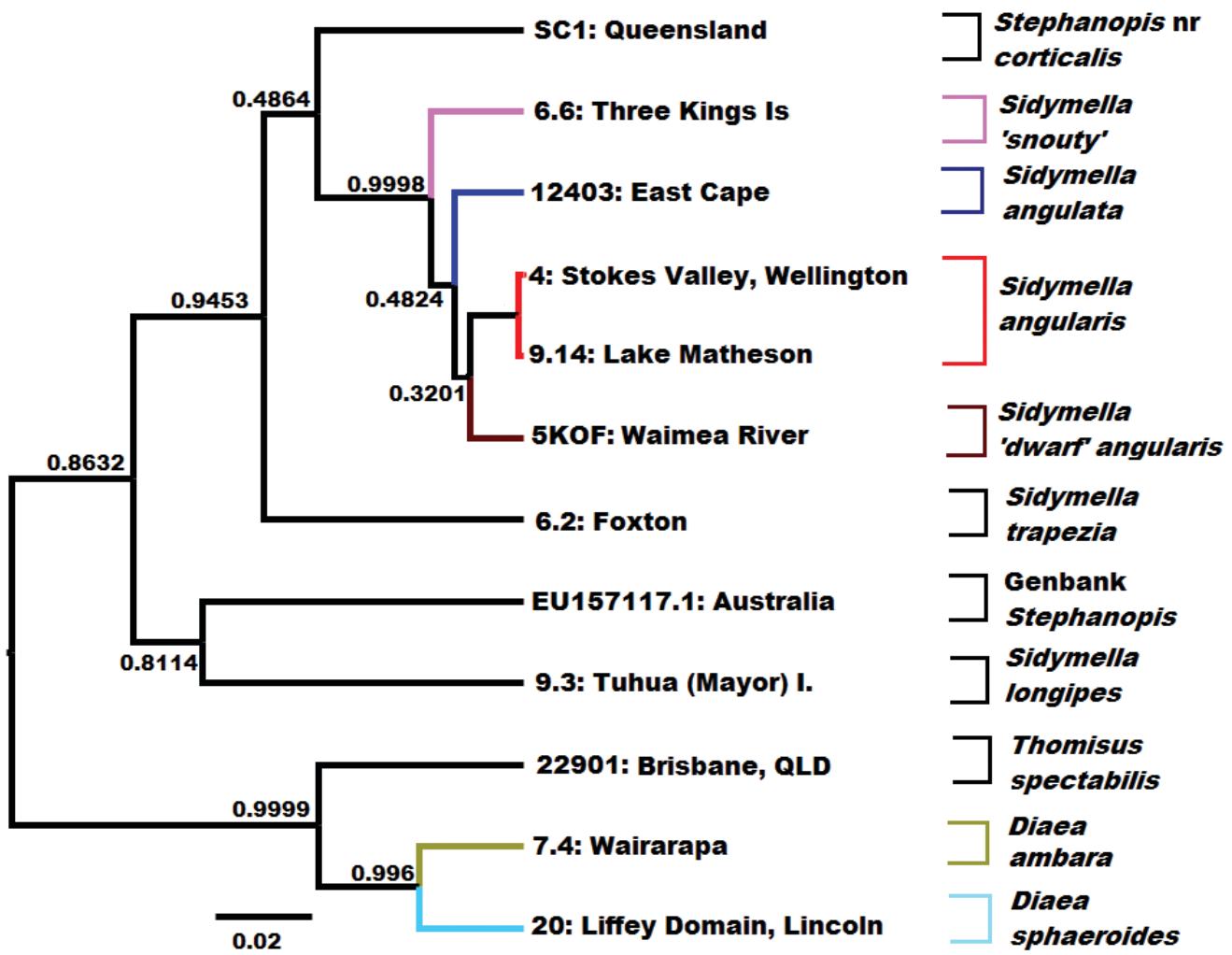
Taxon		1	2	3	4	5	6	7	8	9	10	11	12	13
1	AF374172.1 <i>Eresus cinnaberinus</i>													
2	9.13 <i>Sidymella angularis</i> Kaipara		0.307											
3	5KOF <i>Sidymella 'dwarf angularis'</i> Waimea River	0.327		0.097										
7	<i>Sidymella 'dwarf angularis'</i> Stokes Valley, Wellington		0.338	0.097	0.002									
5	6.6 <i>Sidymella 'snouty'</i> Three Kings Is	0.354	0.128	0.116	0.116									
6	14 <i>Sidymella angulata</i> Eastbourne, Wellington	0.334	0.084	0.077	0.077	0.093								
7	12403 <i>Sidymella angulata</i> East Cape	0.337	0.086	0.079	0.079	0.095	0.002							
8	9.3 <i>Sidymella longipes</i> Tuhua (Mayor) Island	0.324	0.141	0.132	0.135	0.164	0.124	0.126						
9	6.2 <i>Sidymella trapezia</i> Foxton	0.357	0.184	0.166	0.167	0.186	0.155	0.153	0.204					
10	22901 <i>Thomisus spectabilis</i> Brisbane, QLD	0.356	0.203	0.189	0.189	0.221	0.182	0.185	0.216	0.252				
11	18 <i>Diae a albolimbata</i> Chatham I.	0.331	0.183	0.185	0.185	0.231	0.196	0.196	0.225	0.243	0.162			
12	20 <i>Diae a sphaeroides</i> Liffey Domain, Lincoln	0.315	0.186	0.180	0.186	0.239	0.184	0.184	0.213	0.254	0.156	0.051		
13	DQ174355.1 <i>Diae a sphaeroides</i> NZ	0.332	0.189	0.194	0.197	0.241	0.194	0.194	0.218	0.262	0.159	0.048	0.005	
14	DQ174365.1 <i>Diae a praetexta</i> Tonga	0.357	0.197	0.207	0.207	0.247	0.206	0.209	0.241	0.266	0.161	0.150	0.146	0.144



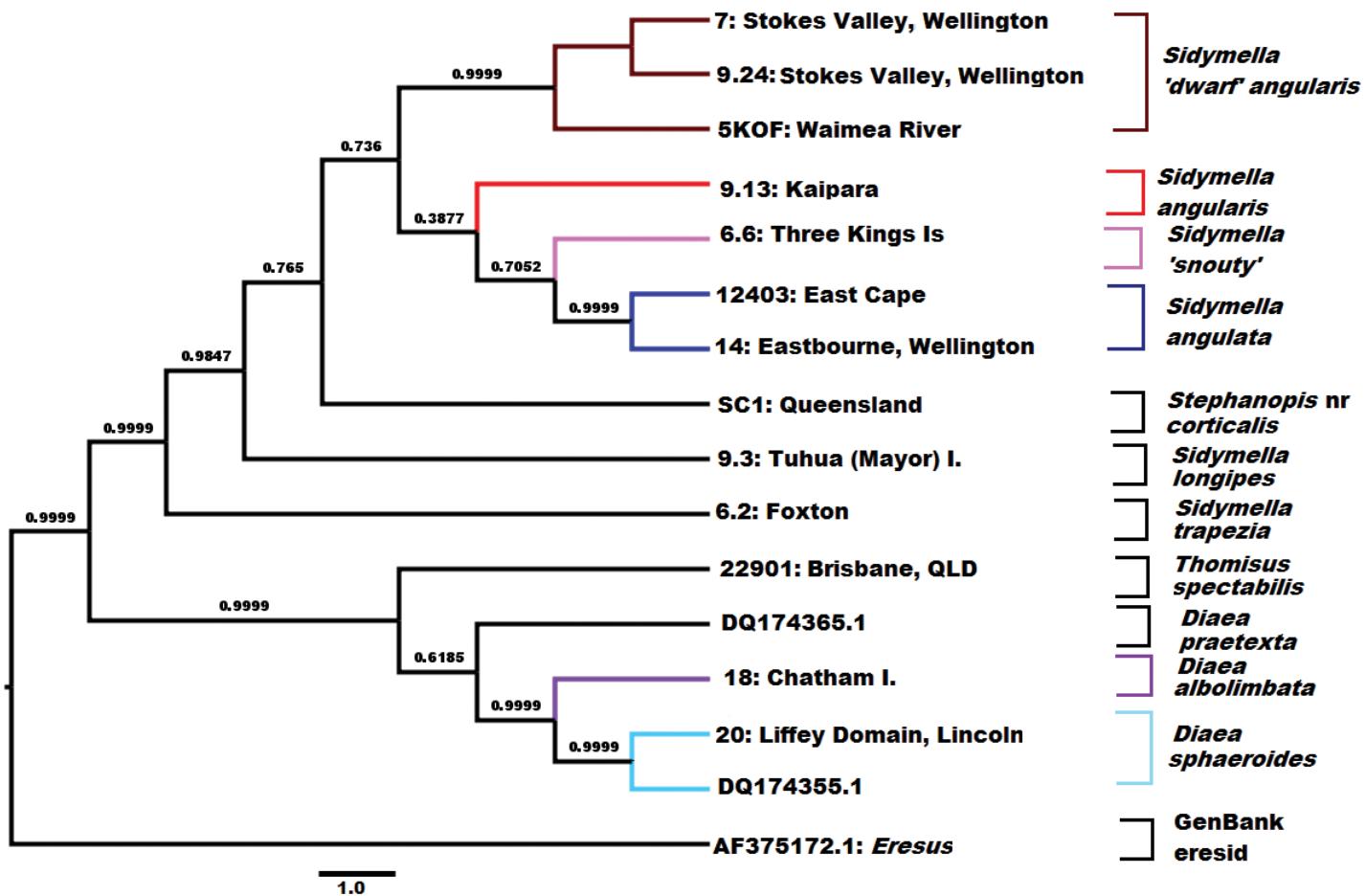
**Fig. S1.** Bayesian tree based on CO1 sequence data. Posterior probability values are given above branches. Branches representing non-New Zealand endemic taxa are in black.



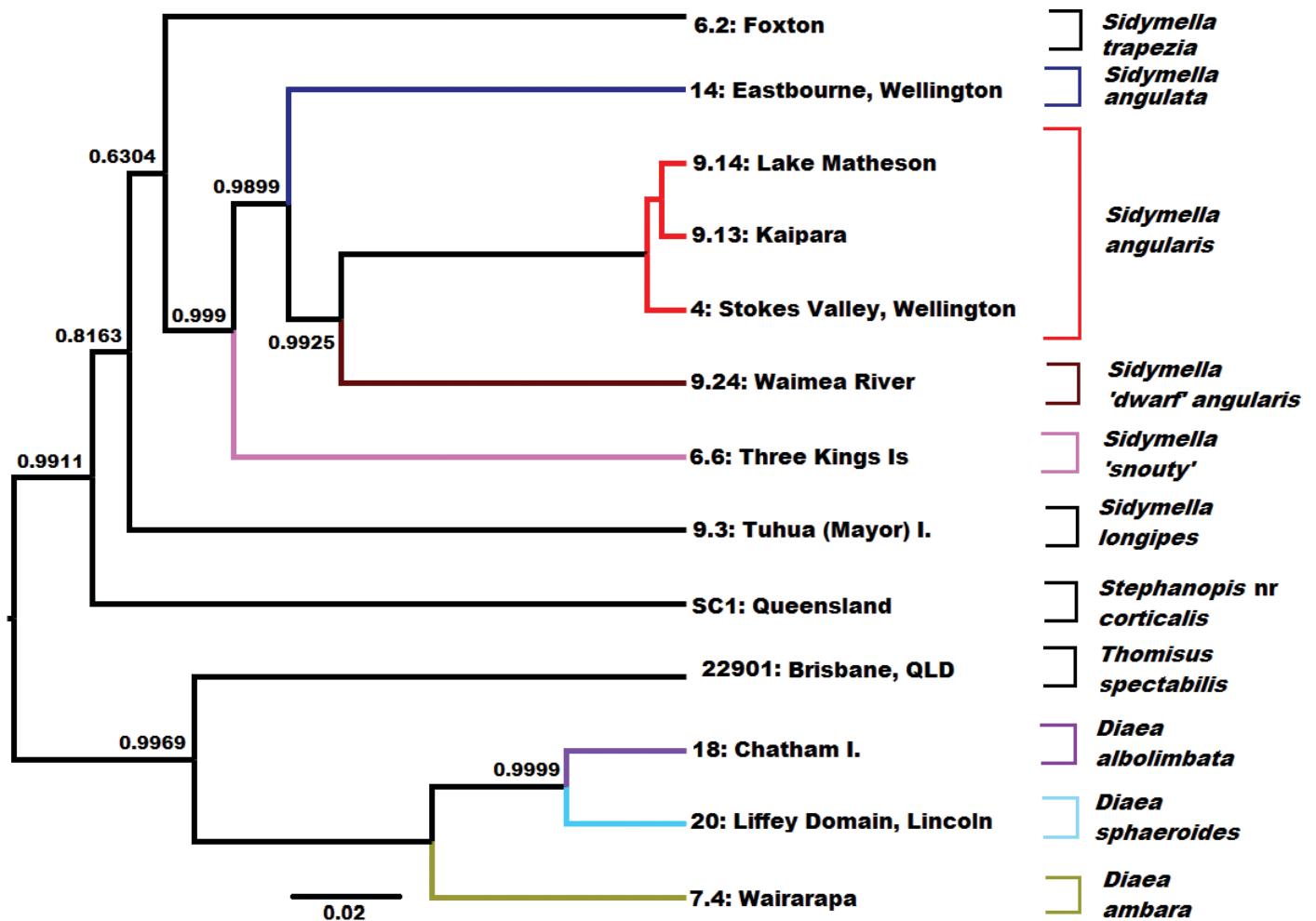
**Fig. S2.** Bayesian tree based on 28S sequence data. Posterior probability values are given above branches. Branches representing non-New Zealand endemic taxa are in black.



**Fig. S3.** Bayesian tree based on H3 sequence data. Posterior probability values are given above branches. Branches representing non-New Zealand endemic taxa are in black.



**Fig. S4.** Bayesian tree based on ND1 sequence data. Posterior probability values are given above branches. Branches representing non-New Zealand endemic taxa are in black.



**Fig S5.** Bayesian tree based on combined data (CO1, 28S, H3 and ND1). Posterior probability values are given above branches. Branches representing non-New Zealand endemic taxa are in black.