

Ecography

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Supplementary material

Supplementary material

Appendix 1: Table A1: Combined table of specimen vouchers, Genbank accessions and morphological traits. Species list of comprising voucher specimens, Genbank accession numbers for the three nuclear markers used in the study, and all traits investigated in analyses of phylogenetic signal and correlation. OI: Ocular Index, WL: Weber's Length, LBI: Leg-Body Index. Primary voucher specimens have been deposited in the CAS collection.

<i>Species</i>	CASENT voucher	Collection	TOP1	Wg	LW Rh	exotic	arboreal	terricolous	dry	humid	dark	light	variable	spines	OI	WL	LBI
<i>Anochetus_goodmani</i>	CASENT0347692	CASC	KM578850	KM579129	KP001345, KP001402 KP001451		0	1	1	1	1	0	0	0	0.21	2.54	1.39
<i>Anochetus_grandidieri</i>	CASENT0320271	CASC	KM578851	KM579130	KP001346, KP001403 KP001452		1	1	0	1	1	0	0	1	0.10	1.13	1.53
<i>Aphaenogaster_MG05</i>	CASENT0347691	CASC	KM578852	KM579131	KM597241		0	1	0	1	1	0	0	1	0.21	2.78	1.03
<i>Aphaenogaster_MG06</i>	CASENT0320298	CASC	KM578853	KM579132	KM597242		0	1	0	1	1	0	0	1	0.19	3.02	0.84
<i>Aphaenogaster_swammerdami</i>	CASENT0347758	CASC	KM578854	KM579133	KM597243		0	1	1	1	1	0	0	1	0.20	3.02	0.83
<i>Aptinoma_antongil</i>	CASENT0317713	CASC	KM578855	KM579134	KM597244		1	0	0	1	0	0	1	0	0.18	0.47	1.26
<i>Bothroponera_cambouei</i>	CASENT0347711	CASC	KM578856	KM579135	KP001347, KP001404		1	1	0	1	1	0	1	0	0.14	2.78	1.84
<i>Bothroponera_perroti</i>	CASENT0347712	CASC	KM578857	KM579136	KP001348, KP001405 KP001453		0	1	0	1	1	0	0	0	0.04	3.33	1.68
<i>Bothroponera_vazimba</i>	CASENT0347714	CASC	KM578858	KM579137	KP001349, KP001406, KP001454		1	1	1	0	1	0	0	0	0.14	2.06	1.86
<i>Bothroponera_wasmannii</i>	CASENT0347715	CASC	KM578859	KM579138	KP001350, KP001407, KP001455		0	1	1	0	1	0	0	0	0.16	2.54	1.78
<i>Camponotus_Bsp2</i>	CASENT0319505	CASC	KM578861	KM579139	KM597246		1	0	0	1	0	1	0	0	0.18	2.22	1.00
<i>Camponotus_Bsp5</i>	CASENT0320274	CASC	KM578862	KM579140	KM597247		1	0	0	1	1	0	0	0	0.22	2.54	1.23
<i>Camponotus_Bsp6</i>	CASENT0319518	CASC	KM578863	KM579141	KM597248		1	0	0	1	1	0	0	0	0.24	1.83	1.21
<i>Camponotus_christi</i>	CASENT0320263	CASC	KM578864	KM579142	KM597249		1	1	0	1	1	0	0	0	0.24	2.07	1.06
<i>Camponotus_concolor</i>	CASENT0320227	CASC	KM578865	KM579143	KM597250		1	1	0	1	0	1	0	0	0.25	2.58	1.08
<i>Camponotus_dufouri</i>	CASENT0347716	CASC	KM578866	KM579144	KM597251		1	1	1	1	1	0	0	0	0.17	4.76	0.97
<i>Camponotus_edmondi</i>	CASENT0347717	CASC	KM578867	KM579145	KM597252		1	1	0	1	1	0	0	0	0.24	1.72	1.33
<i>Camponotus_foersteri</i>	CASENT0270709	CASC	KM578868	KM579146	KM597253		1	1	0	1	1	0	0	0	0.26	2.03	0.98
<i>Camponotus_gouldi</i>	CASENT0320279	CASC	KM578869	KM579147	KM597254		1	1	1	1	1	0	0	0	0.22	4.76	0.94
<i>Camponotus_grandidieri</i>	CASENT0347718	CASC	KM578870	KM579148	KM597255		1	1	1	0	1	0	0	0	0.27	2.30	1.38

<i>Camponotus_hildebrandti</i>	CASENT0320334	CASC	KM578871	KM579149	KM597256	1	1	0	1	1	0	0	0	0.20	4.05	0.89
<i>Camponotus_hova_B</i>	CASENT0136467	CASC	KM578872	KM579150	KM597257	1	1	0	1	0	0	1	0	0.21	3.49	1.05
<i>Camponotus_hova_K</i>	CASENT0319805	CASC	KM578873	KM579151	KM597258	1	1	1	0	0	0	1	0	0.21	3.49	1.05
<i>Camponotus_imitator</i>	CASENT0347720	CASC	KM578874	KM579152	KM597259	0	1	1	0	1	0	0	0	0.21	2.78	0.88
<i>Camponotus_maculatus</i>	CASENT0347721	CASC	KM578875	KM579153	KM597260	1	1	1	0	0	0	1	0	0.18	3.57	1.00
<i>Camponotus_MG02</i>	CASENT0319708	CASC	KM578876	KM579154	KM597261	1	1	1	0	1	0	0	0	0.21	1.33	1.31
<i>Camponotus_MG05</i>	CASENT0347722	CASC	KM578877	KM579155	KM597262	1	1	1	0	1	0	0	0	0.26	1.37	1.35
<i>Camponotus_MG104</i>	CASENT0347729	CASC	KM578878	KM579156	KM597263	1	1	1	0	1	0	0	0	0.26	2.22	1.27
<i>Camponotus_MG18</i>	CASENT0347723	CASC	KM578879	KM579157	KM597264	0	1	0	1	0	1	0	0	0.25	1.68	1.23
<i>Camponotus_MG39</i>	CASENT0270659	CASC	KM578880	KM579158	KM597265	1	1	0	1	1	0	0	0	0.27	1.48	1.31
<i>Camponotus_MG46</i>	CASENT0347724	CASC	KM578881	KM579159	KM597266	1	1	1	0	0	1	0	0	0.30	1.83	1.74
<i>Camponotus_MG47</i>	CASENT0347725	CASC	KM578882	KM579160	KM597267	1	1	0	1	0	1	0	0	0.26	2.70	0.97
<i>Camponotus_MG48</i>	CASENT0347726	CASC	KM578883	KM579161	KM597268	1	1	0	1	0	1	0	0	0.22	2.22	0.90
<i>Camponotus_MG54</i>	CASENT0320214	CASC	KM578884	KM579162	KM597269	1	1	0	1	0	0	1	0	0.26	1.99	1.00
<i>Camponotus_MG55</i>	CASENT0347727	CASC	KM578885	KM579163	KM597270	1	1	0	1	1	0	0	0	0.26	1.83	0.98
<i>Camponotus_MG59</i>	CASENT0320255	CASC	KM578886	KM579164	KM597271	1	1	1	0	0	1	0	0	0.25	4.13	0.95
<i>Camponotus_MG74</i>	CASENT0320259	CASC	KM578860	KM579165	KM597245	1	0	0	1	1	0	0	0	0.24	2.38	1.02
<i>Camponotus_MG78</i>	CASENT0320335	CASC	KM578887	KM579166	KM597272	0	1	0	1	1	0	0	0	0.27	3.73	0.96
<i>Camponotus_MG92</i>	CASENT0347728	CASC	KM578888	KM579167	KM597273	0	1	1	0	1	0	0	0	0.24	1.48	1.58
<i>Camponotus_mocquerysi</i>	CASENT0347730	CASC	KM578889	KM579168	KM597274	1	1	0	1	1	0	0	0	0.23	2.86	1.29
<i>Camponotus_quadrimaculatus</i> <i>_opacatus</i>	CASENT0347732	CASC	KM578890	KM579169	KM597275	0	1	1	0	1	0	0	0	0.23	1.56	1.11
<i>Camponotus_repens</i>	CASENT0319793	CASC	KM578891	KM579170	KM597276	1	1	1	0	1	0	0	0	0.26	1.52	1.39
<i>Camponotus_robustus</i>	CASENT0320262	CASC	KM578892	KM579171	KM597277	1	1	0	1	1	0	0	0	0.22	3.41	1.19
<i>Camponotus_voeltzkowii</i>	CASENT0347733	CASC	KM578893	KM579172	KM597278	1	1	1	0	1	0	0	0	0.20	2.46	1.19
<i>Carebara_FAS01</i>	CASENT0347687	CASC	KM578894	KM579173	KP001398, KP001447, KP001489	0	1	1	0	0	1	0	0	0.03	0.44	1.75
<i>Carebara_FAS02</i>	CASENT0347688	CASC	KM578895	KM579174	KM597279	0	1	1	0	0	1	0	0	0.04	0.31	1.82
<i>Carebara_FAS12</i>	CASENT0347689	CASC	KM578896	KM579175	KM597280	0	1	0	1	0	1	0	0	0.05	0.35	1.83
<i>Carebara_FAS13</i>	CASENT0347584	CASC	KM578897	KM579176	KP001399, KP001448, KP001490	0	1	0	1	0	1	0	1	0.05	0.38	1.85
<i>Carebara_MG01</i>	CASENT0347690	CASC	KM578898	KM579177	KM597281	0	1	0	1	0	1	0	0	0.03	0.46	2.42
<i>Carebara_MG13</i>	CASENT0320297	CASC	KM578899	KM579178	KM597282	0	1	0	1	0	1	0	0	0.00	0.31	1.82
<i>Cataulacus_ebrardi</i>	CASENT0320029	CASC	KM578900	KM579179	KM597283	1	0	1	0	1	0	0	1	0.35	1.29	2.20
<i>Cataulacus_porcatius</i>	CASENT0317721	CASC	KM578901	KM579180	KM597284	1	0	0	1	1	0	0	1	0.26	1.33	2.62

<i>Cerapachys_L_MG04</i>	CASENT0320326	CASC	KM578902	KM579181	KM597285	0	1	0	1	1	0	0	0	0.32	1.29	1.74
<i>Cerapachys_L_MG11</i>	CASENT0320327	CASC	KM578903	KM579182	KM597286	0	1	0	1	1	0	0	0	0.26	1.17	1.88
<i>Cerapachys_MG09</i>	CASENT0347702	CASC	KM578904	KM579183	KM597287	0	1	1	0	1	0	0	0	0.00	0.71	1.89
<i>Cerapachys_MG11</i>	CASENT0320328	CASC	KM578905	KM579184	KM597288	0	1	1	0	0	1	0	0	0.00	0.63	2.29
<i>Cerapachys_P_MG02</i>	CASENT0317624	CASC	KM578906	KM579185	KM597289	0	1	1	1	1	0	0	0	0.25	1.56	2.50
<i>Cerapachys_P_MG03</i>	CASENT0347703	CASC	KM578907	KM579186	KM597290	0	1	1	0	1	0	0	0	0.33	0.94	2.16
<i>Cerapachys_P_MG06</i>	CASENT0347704	CASC	KM578908	KM579187	KM597291	0	1	0	1	1	0	0	0	0.24	1.72	3.14
<i>Cerapachys_para_MG01</i>	CASENT0347705	CASC	KM578909	KM579188	KM597292	0	1	1	0	1	0	0	0	0.07	0.70	2.23
<i>Cerapachys_para_MG02</i>	CASENT0320329	CASC	KM578910	KM579189	KM597293	0	1	1	0	1	0	0	0	0.00	0.73	2.06
<i>Crematogaster_dentata</i>	CASENT0193394	BBBC	JQ326867	JQ326397	JQ326752	1	1	1	0	1	0	1	0	0.21	0.94	1.35
<i>Crematogaster_grevei</i>	CASENT0457634	BBBC	JQ326801	JQ326332	JQ326686	1	1	1	0	0	0	1	1	0.24	0.86	1.41
<i>Crematogaster_hazolava</i>	CASENT0058825	BBBC	JQ326873	JQ326403	JQ326758	1	1	0	1	0	1	0	1	0.21	0.86	1.35
<i>Crematogaster_hova_complex</i>	CASENT0058827	BBBC	JQ326803	JQ326334	JQ326688	1	0	0	1	1	0	1	1	0.25	1.04	1.24
<i>Crematogaster_kelleri</i>	CASENT0109989	BBBC	JQ326861	JQ326391	JQ326746	1	1	0	1	0	0	1	1	0.22	0.82	1.24
<i>Crematogaster_lobata</i>	CASENT0193045	BBBC	JQ326866	JQ326396	JQ326751	1	0	1	0	1	0	0	0	0.18	1.15	1.36
<i>Crematogaster_madecassa</i>	CASENT0068164	BBBC	JQ326886	JQ326421	JQ326949	1	1	0	1	0	1	0	1	0.25	0.54	1.32
<i>Crematogaster_maina</i>	CASENT0193399	BBBC	JQ326896	JQ326430	JN129960	1	1	1	0	0	1	0	1	0.24	0.82	1.43
<i>Crematogaster_ramamy</i>	CASENT0193039	BBBC	JQ326871	JQ326401	JQ326756	1	0	1	0	1	0	0	1	0.22	0.98	1.35
<i>Crematogaster_rasoherinae</i>	CASENT0070841	BBBC	JQ326884	JQ326427	JQ326941	1	1	0	1	0	0	1	1	0.24	0.58	1.46
<i>Crematogaster_volamena</i>	CASENT0162194	BBBC	JQ326889	JQ326425	JQ326946	1	1	0	1	0	0	1	1	0.19	0.76	1.39
<i>Discothyrea_MG1</i>	CASENT0320299	CASC	KM578911	KM579190	KM597294	0	1	0	1	1	0	0	0	0.08	0.59	1.50
<i>Discothyrea_MG10</i>	CASENT0320301	CASC	KM578912	KM579191	KM597295	0	1	1	0	1	0	0	0	0.08	0.65	3.67
<i>Discothyrea_MG2</i>	CASENT0320300	CASC	KM578913	KM579192	KM597296	0	1	0	1	1	0	0	0	0.07	0.55	1.87
<i>Euponera_antsiraka</i>	CASENT0320333	CASC	KM578985	KM579264	KP001351, KP001456	0	1	0	1	1	0	0	0	0.17	1.59	1.85
<i>Euponera_sikorae</i>	CASENT0347713	CASC	KM578914	KM579193	KP001352, KP001408	0	1	0	1	1	0	0	0	0.19	3.18	1.82
<i>Hypoconera_Bsp1</i>	CASENT0320275	CASC	KM578915	KM579194	KP001353, KP001409, KP001457	1	1	0	1	1	0	0	0	0.00	0.82	2.08
<i>Hypoconera_Bsp2</i>	CASENT0320260	CASC	KM578916	KM579195	KP001354, KP001410, KP001458	1	1	0	1	1	0	0	0	0.06	1.21	1.94
<i>Hypoconera_MG01</i>	CASENT0320336	CASC	KM578917	KM579196	KP001395, KP001443	0	1	0	1	0	1	0	0	0.00	0.65	2.20
<i>Hypoconera_MG07</i>	CASENT0347734	CASC	KM578918	KM579197	KP001459	0	1	1	0	0	1	0	0	0.00	0.60	2.05
<i>Hypoconera_MG11</i>	CASENT0320337	CASC	KM578919	KM579198	KP001355, KP001411	0	1	1	0	0	1	0	0	0.00	0.50	2.49
<i>Hypoconera_MG16</i>	CASENT0320338	CASC	KM578920	KM579199	KP001356, KP001460	0	1	1	0	1	0	0	0	0.00	0.79	2.00
<i>Hypoconera_MG25</i>	CASENT0347735	CASC	KM578921	KM579200	KP001357	0	1	1	1	1	0	0	0	0.05	0.88	1.85

<i>Hypoponera_MG27</i>	CASENT0347736	CASC	KM578922	KM579201	KP001358	0	1	0	1	0	1	0	0	0.00	0.53	2.26
<i>Hypoponera_MG38</i>	CASENT0347737	CASC	KM578923	KM579202	KP001359	0	1	0	1	1	0	0	0	0.06	1.42	1.92
<i>Hypoponera_MG43</i>	CASENT0320339	CASC	KM578924	KM579203	KP001396	0	1	0	1	1	0	0	0	0.00	0.83	2.10
<i>Hypoponera_MG52</i>	CASENT0320340	CASC	KM578925	KM579204	KP001360, KP001461	0	1	0	1	1	0	0	0	0.00	0.75	2.11
<i>Hypoponera_MG56</i>	CASENT0320341	CASC	KM578926	KM579205	KP001361, KP001462	0	1	0	1	1	0	0	0	0.00	0.49	1.67
<i>Hypoponera_MG58</i>	CASENT0320342	CASC	KM578927	KM579206	/	0	1	0	1	1	0	0	0	0.00	0.93	3.92
<i>Hypoponera_MG67</i>	CASENT0320343	CASC	KM578928	KM579207	KP001362, KP001412	0	1	0	1	1	0	0	0	0.00	0.89	2.25
<i>Hypoponera_MG71</i>	CASENT0320344	CASC	KM578929	KM579208	KP001363, KP001413, KP001464	0	1	0	1	1	0	0	0	0.00	0.65	2.06
<i>Hypoponera_MG75</i>	CASENT0320345	CASC	KM578930	KM579209	KP001364, KP001414, KP001465	0	1	0	1	1	0	0	0	0.00	0.89	2.14
<i>Hypoponera_MG77</i>	CASENT0320346	CASC	KM578931	KM579210	KP001365	0	1	0	1	1	0	0	0	0.00	0.89	3.21
<i>Hypoponera_MG80</i>	CASENT0320347	CASC	KM578932	KM579211	KP001444, KP001488	0	1	0	1	1	0	0	0	0.00	0.87	2.44
<i>Hypoponera_MG87</i>	CASENT0347738	CASC	KM578933	KM579212	KP001366, KP001415, KP001466	0	1	0	1	1	0	0	0	0.00	0.85	3.91
<i>Hypoponera_MG88</i>	CASENT0320348	CASC	KM578934	KM579213	KP001367, KP001467	0	1	0	1	1	0	0	0	0.00	1.18	2.00
<i>Leptogenys_acutirostris</i>	CASENT0162102	CASC	KM578935	KM579214	KP001368, KP001416, KP001468	0	1	0	1	1	0	0	0	0.23	3.68	1.30
<i>Leptogenys_angusta</i>	CASENT0347706	CASC	KM578936	KM579215	KP001397, KP001445	0	1	0	1	1	0	0	0	0.27	4.21	1.29
<i>Leptogenys_borivava</i>	CASENT0347707	CASC	KM578938	KM579217	KP001369, KP001417, KP001469	0	1	1	0	1	0	0	0	0.23	1.99	1.56
<i>Leptogenys_lavalava</i>	CASENT0320330	CASC	KM578937	KM579216	KP001370, KP001418, KP001470	0	1	0	1	1	0	0	0	0.20	3.18	1.60
<i>Leptogenys_malama</i>	CASENT0347708	CASC	KM578939	KM579218	KP001371, KP001419, KP001471	0	1	0	1	1	0	0	0	0.16	1.95	1.56
<i>Leptogenys_oswaldi</i>	CASENT0320268	CASC	KM578941	KM579220	KP001372, KP001420, KP001472	1	1	0	1	1	0	0	0	0.20	3.18	1.38
<i>Leptogenys_toeraniva</i>	CASENT0320332	CASC	KM578940	KM579219	KP001373, KP001421	0	1	0	1	1	0	0	0	0.12	1.87	1.66
<i>Leptogenys_truncatirostris</i>	CASENT0320331	CASC	KM578942	KM579221	KP001374, KP001422, KP001473	0	1	1	0	1	0	0	0	0.23	2.86	2.25
<i>Melissotarsus_insularis</i>	CASENT0320033	CASC	KM578943	KM579222	KM597297	1	0	1	0	0	1	0	0	0.15	0.63	3.20
<i>Meranoplus_mayri</i>	CASENT0347642	CASC	KM578944	KM579223	KM597298	0	1	1	0	1	0	0	1	0.18	1.25	1.19
<i>Mesoponera_ambigua</i>	CASENT0347709	CASC	KM578945	KM579224	KP001375, KP001423, KP001474	0	1	1	0	0	0	1	0	0.13	1.40	1.80
<i>Monomorium_chnodes</i>	CASENT0317808	CASC	KM578946	KM579225	KP001376, KP001424, KP001475	1	1	0	1	0	1	0	0	0.13	0.41	1.75
<i>Monomorium_denticulum</i>	CASENT0320277	CASC	KM578948	KM579227	KP001377, KP001425, KP001476	1	1	1	0	1	0	0	0	0.16	0.49	1.39
<i>Monomorium_exiguum</i>	CASENT0347645	CASC	KM578949	KM579228	KP001378, KP001426	0	1	1	0	0	0	1	0	0.15	0.33	1.81
<i>Monomorium_floricola</i>	CASENT0317825	CASC	KM578950	KM579229	KP001379, KP001427 KP001477	1	1	0	1	1	0	0	0	0.13	0.44	1.73
<i>Monomorium_hanneli</i>	CASENT0317852	CASC	KM578951	KM579230	KP001380, KP001428 KP001478	1	1	0	1	0	0	1	0	0.13	0.53	1.69

<i>Monomorium_Ksp2</i>	CASENT0320254	CASC	KM578954	KM579233	KP001381, KP001429	1	0	1	0	1	0	0	0	0.14	0.39	1.57
<i>Monomorium_lepidum</i>	CASENT0347647	CASC	KM578955	KM579234	KP001382, KP001430, KP001479	0	1	1	0	0	1	0	0	0.27	0.51	1.53
<i>Monomorium_madecassum</i>	CASENT0347648	CASC	KM578956	KM579235	KP001383, KP001431	0	1	1	0	1	0	0	0	0.15	0.43	1.73
<i>Monomorium_micrommaton</i>	CASENT0320273	CASC	KM578957	KM579236	KP001384, KP001432	1	1	0	1	0	1	0	0	0.16	0.39	1.87
<i>Monomorium_modestum</i>	CASENT0347649	CASC	KM578958	KM579237	KP001385, KP001433, KP001480	0	1	0	1	0	1	0	0	0.13	0.42	1.69
<i>Monomorium_sakalavum</i>	CASENT0320284	CASC	KM578959	KM579238	KP001386, KP001434	1	1	1	0	1	0	0	0	0.17	0.60	3.77
<i>Monomorium_termitobium_B</i>	CASENT0319486	CASC	KM578960	KM579239	KP001387, KP001435, KP001481	1	1	1	1	0	0	1	0	0.14	0.42	1.80
<i>Monomorium_termitobium_K</i>	CASENT0319743	CASC	KM578953	KM579232	KP001388, KP001436, KP001482	1	0	1	0	1	0	0	0	0.16	0.39	1.67
<i>Monomorium_xuthosoma</i>	CASENT0319723	CASC	KM578961	KM579240	KP001389, KP001437	1	1	1	0	0	1	0	0	0.16	0.45	1.53
<i>Myrmisarika_producta</i>	CASENT0320458	CASC	KM578962	KM579241	KM597299	0	1	0	1	0	1	0	1	0.26	1.33	1.55
<i>Mystrium_barrybressleri</i>	CASENT0347693	CASC	KM578963	KM579242	KM597300	0	1	0	1	0	1	0	0	0.07	0.98	1.67
<i>Mystrium_janovitzi</i>	CASENT0054485	CASC	KM578964	KM579243	KM597301	0	1	1	0	1	0	0	0	0.06	1.97	1.73
<i>Mystrium_mirror</i>	CASENT0347694	CASC	KM578965	KM579244	KM597302	0	1	1	0	0	0	1	0	0.15	1.83	2.61
<i>Mystrium_mysticum</i>	CASENT0347695	CASC	KM578966	KM579245	KM597303	0	1	1	1	0	0	1	0	0.04	2.22	1.40
<i>Mystrium_oberthueri</i>	CASENT0347583	CASC	KM578967	KM579246	KM597304	0	1	0	1	1	0	0	0	0.07	2.14	1.29
<i>Mystrium_rogeri</i>	CASENT0320443	CASC	KM578968	KM579247	KM597305	0	1	0	1	0	0	1	0	0.03	1.75	1.21
<i>Mystrium_voeltzkowi</i>	CASENT0347696	CASC	KM578969	KM579248	KM597306	0	1	1	0	0	0	1	0	0.08	1.83	1.15
<i>Nesomyrmex_Bsp1</i>	CASENT0320250	CASC	KM578970	KM579249	KM597307	0	1	0	1	1	0	0	1	0.19	0.90	1.82
<i>Nesomyrmex_MG01</i>	CASENT0320276	CASC	KM578971	KM579250	KM597308	1	0	1	0	0	1	0	1	0.21	1.33	2.06
<i>Nesomyrmex_MG02</i>	CASENT0320285	CASC	KM578972	KM579251	KM597309	1	0	0	1	0	1	0	1	0.21	0.95	2.53
<i>Nesomyrmex_MG04</i>	CASENT0317812	CASC	KM578973	KM579252	KM597310	1	0	0	1	0	1	0	0	0.23	0.69	2.06
<i>Nesomyrmex_MG05</i>	CASENT0230182	CASC	KM578974	KM579253	KM597311	1	0	1	0	0	1	0	1	0.20	0.59	1.73
<i>Nesomyrmex_MG06</i>	CASENT0347585	CASC	KM578975	KM579254	KM597312	1	0	1	0	0	1	0	1	0.22	0.81	2.05
<i>Nesomyrmex_MG07</i>	CASENT0347586	CASC	KM578976	KM579255	KM597313	1	0	1	1	0	1	0	1	0.19	1.01	1.84
<i>Nesomyrmex_MG17</i>	CASENT0320177	CASC	KM578977	KM579256	KM597314	1	0	1	0	0	1	0	0	0.20	0.61	2.07
<i>Nesomyrmex_MG18</i>	CASENT0319445	CASC	KM578978	KM579257	KM597315	1	0	0	1	0	1	0	0	0.20	0.69	1.84
<i>Nesomyrmex_MG20</i>	CASENT0027494	CASC	KM578979	KM579258	KM597316	1	0	1	0	1	0	0	0	0.20	0.68	2.05
<i>Nesomyrmex_MG22</i>	CASENT0320256	CASC	KM578980	KM579259	KM597317	1	0	1	0	1	0	0	0	0.20	0.79	2.00
<i>Nesomyrmex_MG27</i>	CASENT0320286	CASC	KM578981	KM579260	KM597318	1	0	0	1	0	1	0	1	0.24	0.59	1.99
<i>Nylanderia_madagascariensis</i>	CASENT0317836	CASC	KM578982	KM579261	KM597319	1	1	0	1	0	0	1	0	0.20	0.85	1.10
<i>Odontomachus_coquereli</i>	CASENT0347697	CASC	KM578983	KM579262	KP001390, KP001438, KP001483	0	1	0	1	1	0	0	0	0.15	4.37	1.38

<i>Odontomachus_troglodytes</i>	CASENT0347698	CASC	KM578984	KM579263	KP001391, KP001439 KP001484		0	1	0	1	1	0	0	0	0.17	3.02	1.36
<i>Parapatrechina_glabra</i>	CASENT0317720	CASC	KM578986	KM579265	KM597320		1	1	0	1	0	1	0	0	0.25	0.47	0.86
<i>Pheidole_annemariae</i>	CASENT0347740	CASC	KM578987	KM579266	KM597321		0	1	0	1	0	1	0	1	0.17	0.46	1.71
<i>Pheidole_bessonii</i>	CASENT0319950	CASC	KM578988	KM579267	KM597322		1	1	1	1	1	0	0	1	0.21	1.05	1.00
<i>Pheidole_Bsp5</i>	CASENT0320270	CASC	KM578990	KM579268	KM597324		1	0	0	1	0	1	0	1	0.20	0.79	1.31
<i>Pheidole_GF013</i>	CASENT0320349	CASC	KM578991	KM579269	KM597325		1	1	0	1	0	1	0	1	0.35	1.01	1.13
<i>Pheidole_grallatrix</i>	CASENT0320350	CASC	KM578992	KM579270	KM597326		0	1	0	1	1	0	0	1	0.18	1.67	0.88
<i>Pheidole_longispinosa</i>	CASENT0347741	CASC	KM578993	KM579271	KM597327		1	1	1	0	1	0	0	1	0.17	1.43	1.31
<i>Pheidole_lucida</i>	CASENT0320351	CASC	KM578994	KM579272	KM597328		1	1	0	1	0	1	0	1	0.33	1.01	1.08
<i>Pheidole_megacephala_B</i>	CASENT0317660	CASC	KM578995	KM579273	KM597329	x	1	1	0	1	0	0	1	1	0.19	0.81	1.28
<i>Pheidole_megacephala_K</i>	CASENT0347742	CASC	KM578996	KM579274	KM597330	x	0	1	1	0	0	0	1	1	0.19	0.86	1.29
<i>Pheidole_MG012</i>	CASENT0320352	CASC	KM578997	KM579275	KM597331		0	1	0	1	1	0	0	1	0.21	0.86	1.16
<i>Pheidole_MG014</i>	CASENT0320353	CASC	KM578998	KM579276	KM597332		0	1	0	1	1	0	0	1	0.23	0.82	1.11
<i>Pheidole_MG021</i>	CASENT0320354	CASC	KM578999	KM579277	KM597333		0	1	0	1	1	0	0	1	0.20	0.74	2.51
<i>Pheidole_MG023</i>	CASENT0347743	CASC	KM579000	KM579278	KM597334		0	1	0	1	1	0	0	1	0.18	0.75	1.41
<i>Pheidole_MG024</i>	CASENT0320355	CASC	KM579001	KM579279	KM597335		0	1	0	1	1	0	0	1	0.38	0.30	0.83
<i>Pheidole_MG026</i>	CASENT0347744	CASC	KM579002	KM579280	KM597336		0	1	0	1	0	1	0	1	0.38	0.49	1.56
<i>Pheidole_MG043</i>	CASENT0347745	CASC	KM579003	KM579281	KM597337		1	1	0	1	1	0	0	1	0.21	0.86	1.16
<i>Pheidole_MG046</i>	CASENT0347746	CASC	KM579004	KM579282	KM597338		1	1	0	1	0	1	0	1	0.20	0.90	1.18
<i>Pheidole_MG050</i>	CASENT0320356	CASC	KM579005	KM579283	KM597339		0	1	1	0	0	1	0	1	0.20	0.82	1.31
<i>Pheidole_MG051</i>	CASENT0347747	CASC	KM579006	KM579284	KM597340		0	1	0	1	0	1	0	1	0.23	0.75	1.19
<i>Pheidole_MG059</i>	CASENT0347748	CASC	KM579007	KM579285	KM597341		0	1	0	1	0	1	0	1	0.14	0.81	1.52
<i>Pheidole_MG069</i>	CASENT0320357	CASC	KM579008	KM579286	KM597342		1	1	1	0	0	1	0	1	0.19	0.59	1.43
<i>Pheidole_MG071</i>	CASENT0347749	CASC	KM579009	KM579287	KM597343		0	1	0	1	1	0	0	1	0.21	0.65	1.27
<i>Pheidole_MG130</i>	CASENT0347750	CASC	KM579010	KM579288	KM597344		0	1	0	1	1	0	0	1	0.11	1.68	1.19
<i>Pheidole_MG145</i>	CASENT0319475	CASC	KM578989	KM579289	KM597323		1	0	0	1	0	1	0	1	0.21	0.73	1.32
<i>Pheidole_MG147</i>	CASENT0320359	CASC	KM579011	KM579290	KM597345		0	1	1	0	1	0	0	1	0.22	0.70	1.34
<i>Pheidole_MG155</i>	CASENT0320278	CASC	KM579012	KM579291	KM597346		0	1	1	0	1	0	0	1	0.21	0.82	1.22
<i>Pheidole_nemoralis</i>	CASENT0320221	CASC	KM579013	KM579292	KM597347		1	1	0	1	0	1	0	1	0.21	0.53	1.08
<i>Pheidole_nr_MG001</i>	CASENT0317662	CASC	KM579014	KM579293	KM597348		1	1	0	1	0	1	0	1	0.21	0.77	1.30
<i>Pheidole_oswaldi</i>	CASENT0320266	CASC	KM579015	KM579294	KM597349		1	1	0	1	0	0	1	1	0.09	1.05	0.96
<i>Pheidole_teneriffana</i>	CASENT0347751	CASC	KM579016	KM579295	KM597350	x	0	1	0	1	0	0	1	1	0.17	0.77	1.30
<i>Plagiolepis_alluaudi1</i>	CASENT0319480	CASC	KM579017	KM579296	KM597351		1	1	0	1	0	0	1	0	0.22	0.39	1.33

<i>Plagiolepis_alluaudi3</i>	CASENT0319689	CASC	KM579018	KM579297	KM597352	1	1	1	0	0	0	1	0	0.22	0.32	1.69	
<i>Plagiolepis_MG05</i>	CASENT0347752	CASC	KM579019	KM579298	KM597353	1	1	1	0	1	0	0	0	0.25	0.35	1.22	
<i>Platythyrea_arthuri</i>	CASENT0208600	CASC	KM579020	KM579299	KM597354	1	1	1	0	1	0	1	0	0.23	1.60	2.03	
<i>Platythyrea_bicuspis</i>	CASENT0329258	CASC	KM579021	KM579300	KM597355	0	1	0	1	0	0	1	0	0.20	3.45	1.67	
<i>Platythyrea_MG01</i>	CASENT0156663	CASC	KM579022	KM579301	KM597356	1	1	1	0	1	0	0	0	0.27	2.35	2.05	
<i>Platythyrea_mocquerysi</i>	CASENT0209142	CASC	KM579023	KM579302	KM597357	0	1	1	0	1	0	0	0	0.24	2.06	2.08	
<i>Ponera_swezeyi</i>	CASENT0347756	CASC	KM579024	KM579303	KP001392, KP001440 KP001485	x	0	1	0	1	0	1	0	0	0.25	0.83	1.27
<i>Prionopelta_MG01</i>	CASENT0347699	CASC	KM579025	KM579304	KM597358	0	1	0	1	0	1	0	0	0.00	0.59	2.42	
<i>Prionopelta_MG02</i>	CASENT0347587	CASC	KM579026	KM579305	KM597359	0	1	0	1	1	0	0	0	0.04	0.59	2.30	
<i>Prionopelta_MG03</i>	CASENT0317878	CASC	KM579027	KM579306	KM597360	1	1	0	1	0	1	0	0	0.07	0.54	2.35	
<i>Prionopelta_MG05</i>	CASENT0347700	CASC	KM579028	KM579307	KM597361	0	1	0	1	0	1	0	0	0.05	0.61	2.37	
<i>Proceratium_MG03</i>	CASENT0320228	CASC	KM579029	KM579308	KP001400, KP001449 KP001491	0	1	0	1	1	0	0	1	0.08	1.67	1.43	
<i>Proceratium_MG08</i>	CASENT0128599	CASC	KM579030	KM579309	KM597362	0	1	0	1	1	0	0	1	/	/	/	
<i>Ravavy_miafina</i>	CASENT0347739	CASC	KM579031	KM579310	KM597363	0	1	1	0	0	1	0	0	0.20	0.53	1.23	
<i>Royidris_anxietas</i>	CASENT0347643	CASC	KM579032	KM579311	KM597364	0	1	1	0	1	0	0	0	0.26	0.77	1.34	
<i>Simopone_dignita</i>	CASENT0122428	CASC	KM579033	KM579312	KP001401, KP001450 KP001492	1	0	1	0	1	0	0	0	0.29	2.06	2.30	
<i>Simopone_elegans</i>	CASENT0499356	CASC	KM579034	KM579313	KM597365	1	0	1	0	1	0	0	0	0.27	1.19	2.25	
<i>Simopone_nonnihil</i>	CASENT0317844	CASC	KM579035	KM579314	KM597366	1	0	0	1	1	0	0	0	0.31	1.83	2.47	
<i>Solenopsis_mameti</i>	CASENT0347650	CASC	KM579036	KM579315	/	0	1	0	1	1	0	0	0	0.11	0.45	1.77	
<i>Stigmatomma_MG06</i>	CASENT0068192	CASC	KM579037	KM579316	KM597367	0	1	1	0	1	0	0	0	0.00	0.87	2.08	
<i>Strumigenys_actis</i>	CASENT0347651	CASC	KM579038	KM579317	KM597368	1	1	0	1	0	1	0	1	0.09	0.82	1.43	
<i>Strumigenys_admixta</i>	CASENT0347652	CASC	KM579039	KM579318	KM597369	0	1	0	1	0	1	0	1	0.07	0.67	1.55	
<i>Strumigenys_alapa</i>	CASENT0347655	CASC	KM579040	KM579319	KM597370	0	1	1	0	0	1	0	1	0.09	0.43	1.82	
<i>Strumigenys_ambatrix</i>	CASENT0347653	CASC	KM579041	KM579320	KM597371	0	1	0	1	0	1	0	1	0.05	0.53	1.80	
<i>Strumigenys_Bsp1</i>	CASENT0317664	CASC	KM579042	KM579321	KM597372	1	1	0	1	0	1	0	1	0.11	0.63	1.67	
<i>Strumigenys_cabira</i>	CASENT0347656	CASC	KM579043	KM579322	KM597375	0	1	0	1	0	1	0	1	0.10	0.72	1.59	
<i>Strumigenys_charino</i>	CASENT0347657	CASC	KM579044	KM579323	KM597376	0	1	0	1	0	1	0	0	0.06	0.41	1.90	
<i>Strumigenys_chilo1</i>	CASENT0347658	CASC	KM579045	KM579324	KM597377	0	1	0	1	0	1	0	1	0.11	0.75	1.65	
<i>Strumigenys_chilo2</i>	CASENT0320208	CASC	KM579046	KM579325	KM597374	0	1	0	1	0	1	0	1	0.10	0.73	1.61	
<i>Strumigenys_covina</i>	CASENT0320287	CASC	KM579047	KM579326	KM597378	0	1	0	1	0	0	1	1	0.08	0.82	1.60	
<i>Strumigenys_dicomas</i>	CASENT0347659	CASC	KM579048	KM579327	KM597379	0	1	0	1	0	1	0	1	0.06	0.51	1.43	
<i>Strumigenys_dora</i>	CASENT0347660	CASC	KM579049	KM579328	KM597380	0	1	1	0	1	0	0	1	0.10	0.67	1.70	

<i>Strumigenys_erynnes</i>	CASENT0347661	CASC	KM579050	KM579329	KM597381		0	1	0	1	0	1	0	0	0.08	0.49	1.32
<i>Strumigenys_glycon</i>	CASENT0320288	CASC	KM579051	KM579330	KM597382		0	1	0	1	0	1	0	1	0.09	0.69	1.75
<i>Strumigenys_grandidieri</i>	CASENT0347662	CASC	KM579052	KM579331	KM597383		0	1	0	1	1	0	0	1	0.07	1.21	1.24
<i>Strumigenys_khakaura</i>	CASENT0347663	CASC	KM579053	KM579332	KP001393, KP001441 KP001486		0	1	0	1	1	0	0	1	0.00	0.59	1.88
<i>Strumigenys_levana</i>	CASENT0347664	CASC	KM579054	KM579333	KM597384		0	1	0	1	0	1	0	1	0.00	0.38	1.93
<i>Strumigenys_luca</i>	CASENT0320289	CASC	KM579055	KM579334	KM597385		0	1	1	0	0	1	0	1	0.11	0.69	1.52
<i>Strumigenys_lucomo</i>	CASENT0347665	CASC	KM579056	KM579335	KM597386		0	1	1	0	0	1	0	1	0.09	0.51	2.10
<i>Strumigenys_lura</i>	CASENT0347667	CASC	KM579057	KM579336	KM597387		0	1	0	1	0	1	0	1	0.09	0.43	2.98
<i>Strumigenys_maxillaris</i>	CASENT0347668	CASC	KM579058	KM579337	KM597388	x	0	1	1	0	0	1	0	1	0.09	0.43	2.26
<i>Strumigenys_MG05</i>	CASENT0347669	CASC	KM579059	KM579338	KM597389		0	1	0	1	1	0	0	1	0.06	1.19	1.33
<i>Strumigenys_MG75</i>	CASENT0320197	CASC	KM579060	KM579339	KM597373		0	1	0	1	1	0	0	1	0.08	1.13	1.26
<i>Strumigenys_olsoni</i>	CASENT0347670	CASC	KM579061	KM579340	KM597390		0	1	1	0	0	1	0	1	0.10	0.47	1.92
<i>Strumigenys_origo</i>	CASENT0320290	CASC	KM579062	KM579341	KM597391		0	1	0	1	0	1	0	1	0.09	0.43	2.25
<i>Strumigenys_rabesoni</i>	CASENT0347671	CASC	KM579063	KM579342	KM597392		0	1	0	1	1	0	0	1	0.08	0.67	2.13
<i>Strumigenys_sphera</i>	CASENT0347672	CASC	KM579064	KM579343	KM597393		0	1	0	1	0	1	0	1	0.06	0.69	1.52
<i>Strumigenys_vazimba</i>	CASENT0347673	CASC	KM579065	KM579344	KM597394		0	1	0	1	1	0	0	1	0.04	0.98	1.25
<i>Sylophopsis_cryptobia</i>	CASENT0347644	CASC	KM578947	KM579226	KP001446		0	1	1	1	0	1	0	0	0.15	0.45	1.53
<i>Sylophopsis_hildebrandti</i>	CASENT0347646	CASC	KM578948	KM579231	KP001394, KP001442 KP001487		0	1	1	0	0	1	0	0	0.11	0.37	1.96
<i>Tanipone_aglandula</i>	CASENT0319978	CASC	KM579066	KM579345	KM597395		1	0	1	0	1	0	0	0	0.30	1.33	2.24
<i>Tanipone_hirsuta</i>	CASENT0319726	CASC	KM579067	KM579346	KM597396		1	0	1	0	1	0	0	0	0.33	1.56	2.00
<i>Tanipone_scelesta</i>	CASENT0202273	CASC	KM579068	KM579347	KM597397		0	1	1	0	1	0	0	0	0.33	0.92	2.13
<i>Tanipone_zona</i>	CASENT0137652	CASC	KM579069	KM579348	KM597398		0	1	1	0	1	0	0	0	0.33	1.01	2.05
<i>Tapinoma_melanocephalum</i>	CASENT0347753	CASC	KM579070	KM579349	KM597399	x	1	1	1	0	0	0	1	0	0.22	0.43	1.22
<i>Tapinoma_subtile_B</i>	CASENT0317733	CASC	KM579071	KM579350	KM597400		1	0	0	1	0	0	1	0	0.19	0.39	1.33
<i>Tapinoma_subtile_K</i>	CASENT0319706	CASC	KM579072	KM579351	KM597401		1	0	1	0	0	0	1	0	0.22	0.34	1.49
<i>Technomyrmex_albipes</i>	CASENT0347754	CASC	KM579073	KM579352	KM597402	x	1	1	1	1	1	0	0	0	0.24	0.71	1.44
<i>Technomyrmex_difficilis</i>	CASENT0347755	CASC	KM579074	KM579353	KM597403	x	1	1	0	1	1	0	1	0	0.26	0.78	1.18
<i>Technomyrmex_innocens</i>	CASENT0270667	CASC	KM579075	KM579354	KM597404		1	1	0	1	0	0	1	0	0.23	0.79	1.43
<i>Technomyrmex_madecassus</i>	CASENT0319957	CASC	KM579076	KM579355	KM597405		1	1	1	1	0	0	1	0	0.25	0.69	1.52
<i>Technomyrmex_mayri</i>	CASENT0320272	CASC	KM579077	KM579356	KM597406		1	1	0	1	0	1	0	0	0.22	0.94	1.60
<i>Terataner_Bsp1</i>	CASENT0320261	CASC	KM579078	KM579357	KM597407		1	0	0	1	1	0	0	0	0.23	2.38	2.00
<i>Terataner_MG08</i>	CASENT0317823	CASC	KM579079	KM579358	KM597408		1	0	0	1	1	0	0	0	0.23	1.83	2.47

<i>Terataner_MG11</i>	CASENT0347674	CASC	KM579080	KM579359	KM597409	1	0	0	1	1	0	0	0	0.25	1.44	2.18	
<i>Terataner_MG14</i>	CASENT0319710	CASC	KM579081	KM579360	KM597410	1	0	1	0	1	0	0	0	0.21	2.18	2.33	
<i>Terataner_MG16</i>	CASENT0000679	CASC	KM579082	KM579361	KM597411	1	0	1	0	1	0	0	0	0.21	1.91	2.42	
<i>Terataner_rufipes</i>	CASENT0320291	CASC	KM579083	KM579362	KM597412	1	0	1	0	1	0	0	0	0.23	1.64	2.10	
<i>Tetramorium_alperti</i>	CASENT0347591	CASC	KM579084	KM579363	KM597413	0	1	0	1	1	0	0	1	0.17	0.61	1.81	
<i>Tetramorium_ambatovy</i>	CASENT0067847	CASC	KM579085	KM579364	KM597414	0	1	0	1	1	0	0	1	0.22	0.82	1.77	
<i>Tetramorium_andrei</i>	CASENT0320292	CASC	KM579086	KM579365	KM597415	0	1	0	1	0	0	1	1	0.22	1.25	1.68	
<i>Tetramorium_anodontion</i>	CASENT0347589	CASC	KM579087	KM579366	KM597416	0	1	1	0	1	0	0	0	0.24	0.75	1.58	
<i>Tetramorium_attenboroughi</i>	CASENT0347640	CASC	KM579088	KM579367	KM597417	1	1	1	0	1	0	0	1	0.22	0.61	1.93	
<i>Tetramorium_bonibony</i>	CASENT0320293	CASC	KM579089	KM579368	KM597418	1	1	1	0	1	0	0	1	0.22	0.86	1.74	
<i>Tetramorium_caldarium</i>	CASENT0320294	CASC	KM579090	KM579369	KM597419	x	0	1	1	0	1	0	0	1	0.24	0.57	1.61
<i>Tetramorium_cognatum</i>	CASENT0270679	CASC	KM579091	KM579370	KM597420	0	1	0	1	0	0	1	1	0.24	0.57	1.87	
<i>Tetramorium_cognatum_complex</i>	CASENT0347590	CASC	KM579092	KM579371	KM597421	0	1	0	1	0	0	1	1	0.21	0.85	1.72	
<i>Tetramorium_dalek</i>	CASENT0347641	CASC	KM579093	KM579372	KM597422	0	1	0	1	1	0	0	1	0.22	0.57	1.81	
<i>Tetramorium_delagoense</i>	CASENT0347757	CASC	KM579094	KM579373	KM597423	0	1	1	1	0	1	0	1	0.20	0.67	1.55	
<i>Tetramorium_electrum</i>	CASENT0320265	CASC	KM579095	KM579374	KM597424	0	1	0	1	1	0	0	1	0.16	1.21	1.55	
<i>Tetramorium_flavigaster</i>	CASENT0319980	CASC	KM579096	KM579375	KM597425	1	0	1	0	1	0	0	1	0.22	0.69	1.67	
<i>Tetramorium_hobbit</i>	CASENT0347675	CASC	KM579097	KM579376	KM597426	0	1	1	0	1	0	0	1	0.21	1.05	1.84	
<i>Tetramorium_ibycterum</i>	CASENT0347678	CASC	KM579098	KM579377	KM597427	0	1	0	1	0	0	1	1	0.17	0.53	1.80	
<i>Tetramorium_ishtar</i>	CASENT0347676	CASC	KM579099	KM579378	KM597428	0	1	0	1	1	0	0	1	0.19	0.61	2.07	
<i>Tetramorium_macki</i>	CASENT0347588	CASC	KM579100	KM579379	KM597429	0	1	0	1	1	0	0	1	0.22	0.76	1.75	
<i>Tetramorium_malagasy</i>	CASENT0347679	CASC	KM579101	KM579380	KM597430	0	1	1	0	1	0	0	1	0.22	1.13	1.45	
<i>Tetramorium_mars</i>	CASENT0347677	CASC	KM579102	KM579381	KM597431	0	1	1	0	1	0	0	1	0.18	0.47	1.00	
<i>Tetramorium_norvigi</i>	CASENT0347680	CASC	KM579103	KM579382	KM597432	0	1	0	1	0	1	0	1	0.23	0.86	2.56	
<i>Tetramorium_popell</i>	CASENT0320296	CASC	KM579104	KM579383	KM597433	0	1	1	0	0	1	0	1	0.22	0.85	1.79	
<i>Tetramorium_proximum</i>	CASENT0347681	CASC	KM579105	KM579384	KM597434	0	1	0	1	1	0	0	1	0.20	0.82	1.69	
<i>Tetramorium_ranarum</i>	CASENT0347682	CASC	KM579106	KM579385	KM597435	0	1	0	1	1	0	0	1	0.17	0.77	1.86	
<i>Tetramorium_rumo</i>	CASENT0320295	CASC	KM579107	KM579386	KM597436	0	1	0	1	0	1	0	1	0.21	0.61	1.82	
<i>Tetramorium_sericeiventre</i>	CASENT0347683	CASC	KM579108	KM579387	KM597437	0	1	1	0	1	0	0	1	0.21	1.17	1.30	
<i>Tetramorium_sikorae1</i>	CASENT0317701	CASC	KM579109	KM579388	KM597438	0	1	0	1	1	0	0	1	0.21	0.61	1.93	
<i>Tetramorium_sikorae2</i>	CASENT0270666	CASC	KM579110	KM579389	KM597439	0	1	0	1	1	0	0	1	0.20	0.95	1.55	
<i>Tetramorium_simillimum</i>	CASENT0347684	CASC	KM579111	KM579390	KM597440	x	0	1	1	0	0	0	1	1	0.22	0.58	1.59
<i>Tetramorium_steinheili</i>	CASENT0347685	CASC	KM579112	KM579391	KM597441	0	1	0	1	0	0	1	1	0.27	1.01	1.61	

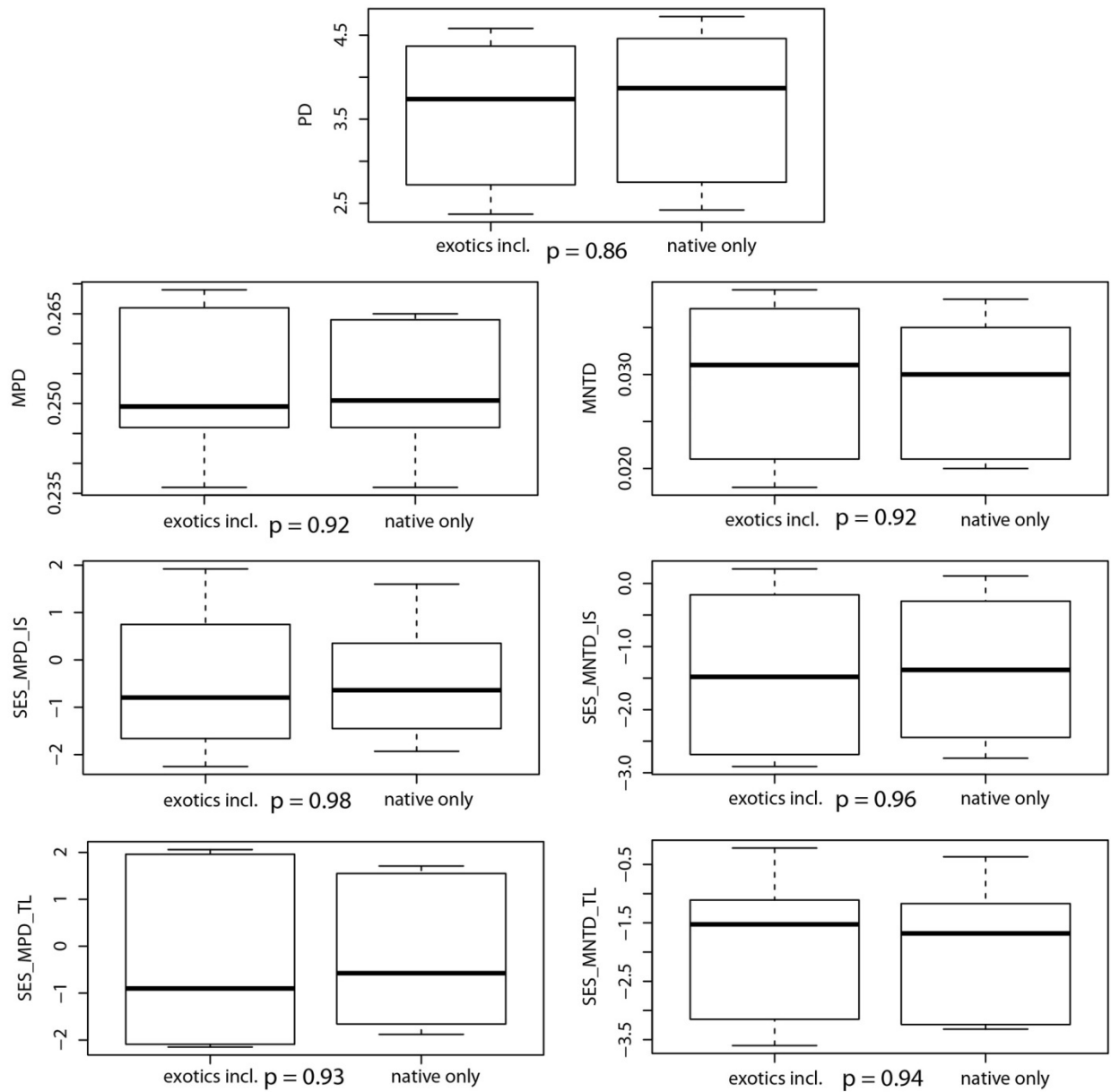
<i>Tetramorium_tosii</i>	CASENT0320267	CASC	KM579113	KM579392	KM597442	1	0	0	1	1	0	0	1	0.19	1.25	1.45
<i>Tetramorium_valky</i>	CASENT0347686	CASC	KM579114	KM579393	KM597443	0	1	0	1	1	0	0	1	0.22	0.90	1.52
<i>Tetraponera_fictrix_B</i>	CASENT0270687	CASC	KM579115	KM579394	KM597444	1	0	0	1	0	1	0	0	0.30	1.40	2.12
<i>Tetraponera_fictrix_K</i>	CASENT0319772	CASC	KM579116	KM579395	KM597445	1	0	1	0	0	1	0	0	0.32	1.44	2.00
<i>Tetraponera_grandidieri</i>	CASENT0347701	CASC	KM579117	KM579396	KM597446	1	1	0	1	0	1	0	0	0.35	1.72	1.52
<i>Tetraponera_inermis</i>	CASENT0248350	CASC	KM579118	KM579397	KM597447	0	1	0	1	0	1	0	0	0.32	1.44	1.37
<i>Tetraponera_longula</i>	CASENT0270672	CASC	KM579119	KM579398	KM597448	1	0	0	1	1	0	0	0	0.28	1.33	2.10
<i>Tetraponera_merita</i>	CASENT0320269	CASC	KM579120	KM579399	KM597449	0	1	0	1	1	0	0	0	0.34	2.78	1.46
<i>Tetraponera_morondaviensis</i>	CASENT0319780	CASC	KM579121	KM579400	KM597450	1	0	1	0	1	0	0	0	0.31	1.44	1.61
<i>Tetraponera_perlonga1</i>	CASENT0319745	CASC	KM579122	KM579401	KM597451	1	0	1	0	1	0	0	0	0.31	1.42	1.92
<i>Tetraponera_perlonga2</i>	CASENT0320005	CASC	KM579123	KM579402	KM597452	1	0	1	0	1	0	0	0	0.28	1.09	1.85
<i>Tetraponera_psw084</i>	CASENT0320021	CASC	KM579124	KM579403	KM597453	1	0	1	0	1	0	0	0	0.30	1.05	1.98
<i>Tetraponera_psw086</i>	CASENT0270697	CASC	KM579125	KM579404	KM597454	1	0	0	1	0	1	0	0	0.26	0.53	1.29
<i>Tetraponera_psw094</i>	CASENT0319729	CASC	KM579126	KM579405	KM597455	1	0	1	0	1	0	0	0	0.34	1.62	1.77
<i>Tetraponera_rakotonis</i>	CASENT0320050	CASC	KM579127	KM579406	KM597456	1	0	1	0	1	0	0	0	0.29	1.91	1.81
<i>Tetraponera_sahlbergii</i>	CASENT0319692	CASC	KM579128	KM579407	KM597457	1	0	1	0	1	0	0	0	0.31	0.74	1.21

Appendix 2, Fig. A2: Species phylogeny. Bayesian phylogeny of Malagasy study communities including posterior probabilities (pp). Red squares represent pp = 1, blue circles pp > 0.95, * = clade constrained as monophyletic. Analyses were run for ten million MCMC generations and discarded 25% of trees as burnin; scale bar represents number of substitutions per site.



Appendix 3, Fig. A3: Structure of communities with exotic species included/excluded.

Boxplots summarizing non-significant differences in phylogenetic diversity and structure between communities including invasive species, versus communities including native species only. *PD*: Phylogenetic Diversity; *MPD*: Mean Pairwise Distance; *MNTD*: Mean Nearest Taxon Distance; *SES_MPD*: Standardized Effect Sizes of MPD; *SES_MNTD*: Standardized Effect Sizes of MNTD; *IS*: Independent Swap null model; *TL*: Taxa Labels null model.



Appendix 4, Table A4: Comprehensive results for trait correlation analyses. Summary of all results from correlation analyses between habitat and morphological traits. The independent model assumes no correlation between traits, whereas the dependent model estimates correlation. Lh: Harmonic mean of the Log Likelihood; BF: Bayes Factor, calculated as $BF = 2(Lh(\text{complex model}) - Lh(\text{simple model}))$; OI: Ocular Index, WL: Weber's Length, LBI: Leg-Body Index. Significant BF-values are bolded.

	Dry	Humid	Arboreal	Terricolous
Eye size (OI), mean	0.19	0.16	0.22	0.14
Lh_I	142.91	158.86	166.82	257.75
Lh_D	144.02	161.12	172.94	258.08
BF	2.22	4.51	12.25	0.67
Body size (WL), mean	1.23	1.23	1.36	1.12
Lh_I	-508.63	-493.05	-485.12	-394.84
Lh_D	-508.73	-490.96	-485.32	-394.13
BF	-0.20	4.18	-0.41	1.41
Leg length (LBI), mean	1.73	1.64	1.58	1.75
Lh_I	-460.64	-445.49	-437.28	-346.66
Lh_D	-460.50	-445.10	-436.61	-346.53
BF	0.28	0.79	1.34	0.25
Presence of propodeal spines				
Lh_I	-238.86	-233.59	-221.26	-156.36
Lh_D	-238.22	-232.84	-220.44	-159.27
BF	1.28	1.50	1.65	-5.84
Presence of propodeal spines, Myrmecinae				
Lh_I	-136.88	-233.59	-135.59	-104.26
Lh_D	-136.03	-232.84	-139.99	-105.62
BF	1.69	1.50	-8.79	-2.72
Body color - dark				
Lh_I	-368.02	-364.53	-348.68	-286.26
Lh_D	-369.81	-362.56	-348.85	-285.51
BF	-3.58	3.95	-0.34	1.49
Body color - light				
Lh_I	-345.44	-339.48	-327.31	-262.90
Lh_D	-345.75	-340.47	-327.53	-264.66
BF	-0.62	-1.97	0.43	-3.52
Body color - variable				
Lh_I	-290.14	-286.23	-269.98	-207.28
Lh_D	-291.56	-284.33	-271.72	-207.44
BF	-2.84	3.80	-3.49	-0.32