

## SUPPLEMENTARY MATERIAL

### **Multiple trans-Torres Strait colonisations by tree frogs in the *Litoria caerulea* group, with the description of a new species from New Guinea**

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Supplementary Table S1. Specimens from *Litoria caerulea* species group included in molecular and morphological analyses.

species	mtDNA	Tissue Number	Voucher Number	Country	State	Locality	Lat	Long	Morph	mtDNA
caerulea	LC1	ABTC30766	SAMA R33438	Aust	Western Australia	DERBY	-17.32	123.63	x	x
caerulea	LC1	ABTC86532	SAMA R66322	Aust	Western Australia	Cleanskin Pocket, near tributary of the Traine River	-17.06	126.68	x	x
caerulea	LC1	ABTC86557	SAMA R66335	Aust	Western Australia	10k N Mornington Station	-17.42	126.11	x	x
caerulea	LC1	ABTC86558	SAMA R66336	Aust	Western Australia	Mornington Station	-17.51	126.11	x	x
caerulea	LC1	ABTC86559	SAMA R66337	Aust	Western Australia	Mornington Station	-17.51	126.11	x	x
caerulea	LC1	ABTC86560	SAMA R66338	Aust	Western Australia	Mornington Station	-17.51	126.11	x	x
caerulea	LC1	ABTC86561	SAMA R66339	Aust	Western Australia	Mornington Station	-17.51	126.11	x	x
caerulea	LC1	ABTC100924	WAM R167818	Aust	Western Australia	Mitchell Plateau	-14.7908	125.8261		x
caerulea	LC1	ABTC100946	WAM R167941	Aust	Western Australia	Mount Elizabeth Station	-16.4181	126.1028		x
caerulea	LC2	ABTC30797		Aust	Northern Territory	Darwin	-12.43	130.86		x
caerulea	LC2	ABTC30798		Aust	Northern Territory	Darwin	-12.43	130.86		x
caerulea	LC2	ABTC30782	SAMA R33432	Aust	Queensland	MT ISA	-20.73	139.43	x	x
caerulea	LC2	ABTC30783	SAMA R33433	Aust	Queensland	MT ISA	-20.73	139.43		x
caerulea	LC2	ABTC30785	SAMA R33435	Aust	Queensland	MT ISA	-20.73	139.43	x	x
caerulea	LC2	ABTC30774	SAMA R33439	Aust	Western Australia	DERBY	-17.32	123.63	x	x
caerulea	LC2	ABTC30776	SAMA R33441	Aust	Western Australia	DERBY	-17.32	123.63	x	x
caerulea	LC2	ABTC30777	SAMA R33442	Aust	Western Australia	DERBY	-17.32	123.63	x	x
caerulea	LC2	ABTC30769	SAMA R33449	Aust	Western Australia	LAKE ARGYLE	-16.33	128.72	x	x
caerulea	LC2	ABTC30770	SAMA R33450	Aust	Western Australia	LAKE ARGYLE	-16.33	128.72	x	x
caerulea	LC2	ABTC30771	SAMA R33451	Aust	Western Australia	LAKE ARGYLE	-16.33	128.72	x	x
caerulea	LC2	ABTC30772	SAMA R33452	Aust	Western Australia	LAKE ARGYLE	-16.33	128.72	x	x
caerulea	LC2	ABTC30773	SAMA R33453	Aust	Western Australia	LAKE ARGYLE	-16.33	128.72	x	x
caerulea	LC2	ABTC15163	SAMA R34950	Aust	Western Australia	KUNUNURRA	-15.78	128.73	x	x
caerulea	LC2	ABTC15164	SAMA R34951	Aust	Western Australia	KUNUNURRA LANCOONA H/S,65 KM W LK CARGELLIGO,RD TO HILLSTON	-15.78	128.73	x	x
caerulea	LC3	ABTC03659	SAMA R31178	Aust	New South Wales	HILLSTON	-33.37	145.88	x	x
caerulea	LC3	ABTC03685	SAMA R31179	Aust	New South Wales	NYMAGEE	-32.07	146.32	x	x
caerulea	LC3	ABTC03686	SAMA R31180	Aust	New South Wales	NYMAGEE	-32.07	146.32	x	x
caerulea	LC3	ABTC03687	SAMA R31181	Aust	New South Wales	NYMAGEE	-32.07	146.32	x	x

caerulea	LC3	ABTC30778	SAMA R33443	Aust	New South Wales	WATAGAN STATE FOREST	-32.95	151.23	x	x
caerulea	LC3	ABTC30779	SAMA R33444	Aust	New South Wales	WATAGAN STATE FOREST	-32.95	151.23	x	x
caerulea	LC3	ABTC30791		Aust	Queensland	Cairns	-16.92	145.77		x
caerulea	LC3	ABTC99322		Aust	Queensland	Broadwater Road, SW Dalby	-27.3236	151.0972		x
caerulea	LC3	ABTC31905	QM J60027	Aust	Queensland	Noonbah Station	-24.10	143.19		x
caerulea	LC3	ABTC01134	SAMA R32560	Aust	Queensland	PALLARENDA, TOWNSVILLE	-19.27	146.82	x	x
caerulea	LC3	ABTC30780	SAMA R33445	Aust	Queensland	TOWNSVILLE	-19.27	146.82	x	x
caerulea	LC3	ABTC30781	SAMA R33446	Aust	Queensland	TOWNSVILLE	-19.27	146.82		x
caerulea	LC3	ABTC30768	SAMA R33448	Aust	Queensland	TOWNSVILLE	-19.27	146.82	x	x
caerulea	LC3	ABTC30793	SAMA R33457	Aust	Queensland	GYMPIE	-26.18	152.67	x	x
caerulea	LC3	ABTC30794	SAMA R33458	Aust	Queensland	GYMPIE	-26.18	152.67		x
caerulea	LC3	ABTC30795	SAMA R33459	Aust	Queensland	GYMPIE	-26.18	152.67	x	x
caerulea	LC3	ABTC09118	SAMA R42873	Aust	Queensland	8 KM W OF NOONBAH STN	-24.08	143.12	x	x
caerulea	LC4	ABTC44447	AMS R.130777	PNG	National Capital District	Moitaka	-6.20	142.77		x
caerulea	LC4	ENR0168	ANWC A02885	PNG	National Capital District	Port Moresby; Waigani; National Research Institute (NRI) grounds	-9.41	147.16	x	x
caerulea	LC4	ENR0169	ANWC A02886	PNG	National Capital District	Port Moresby; Waigani; National Research Institute (NRI) grounds	-9.41	147.16	x	x
caerulea	LC4	ENR0170	ANWC A02887	PNG	National Capital District	Port Moresby; Waigani; National Research Institute (NRI) grounds	-9.41	147.16	x	x
caerulea	LC4	ABTC44444	SAMA R35358	PNG	National Capital District	MOITAKA, PORT MORESBY, T.P.N.G.	-6.20	142.77	x	x
caerulea	LC4	QMA005381	QM J87582	Aust	Queensland	Warraber Island	-10.21	142.82		x
caerulea	LC4	QMA005493	QM J87913	Aust	Queensland	Oasis Spring, Steve Irwin Wildlife Reserve	-12.34	142.25		x
caerulea	LC4	QMA007260	QM J89609	Aust	Queensland	Lakefield NP	-14.93	144.20		x
caerulea	LC4	QMA010443	QM J92881	Aust	Queensland	Laura Caravan Park	-15.57	144.45		x
caerulea	LC4	QMA010519	QM J92988	Aust	Queensland	Windmill Ck, Peninsula Development Rd	-14.94	143.56		x
caerulea	LC4	ABTC30767	SAMA R33447	Aust	Queensland	TOWNSVILLE	-19.27	146.82	x	x
caerulea	LC4	ABTC98730		PNG	Western Prov.	Wereaver Village	-8.52	141.107		x
caerulea	LC4	ENR0567	ANWC A02889	PNG	Western Prov.	Morehead	-8.71	141.65	x	x
caerulea	LC4	ENR0568	ANWC A02890	PNG	Western Prov.	Morehead	-8.71	141.65	x	x
caerulea	LC4	ENR1032	ANWC A02897	PNG	Western Prov.	Roku Village; approx. 5.5 km W of Morehead on Morehead River	-8.70	141.60	x	x
caerulea	LC4	ENR1091	ANWC A02898	PNG	Western Prov.	Roku Village; approx. 5.5 km W of Morehead on Morehead River	-8.70	141.60		x
caerulea	LC4	ABTC79191	SAMA R	PNG	Western Prov.	Wereaver Village	-8.52002	141.107		x
cavernicola	cavernicola	ABTC86693	WAM R138895	Aust	Western Australia	3k SSW Donkins Hill	-14.9875	125.5069		x

cavernicola	cavernicola	ABTC86711	WAM R141066	Aust	Western Australia	Mertens Creek area	-14.8167	125.7000		x
cavernicola	cavernicola	ABTC100967	WAM R168178	Aust	Western Australia	Mitchell Plateau	-14.8222	125.7108		x
gilleni	gilleni	ABTC30787	SAMA R33455	Aust	Northern Territory	HUGH RIVER	-23.70	133.25		x
gilleni	gilleni	ABTC30786	SAMA R38022	Aust	Northern Territory	HUGH RIVER	-23.70	133.25		x
gilleni	gilleni	ABTC30790	SAMA R38024	Aust	Northern Territory	HUGH RIVER	-23.70	133.25		x
mira n. sp.	mira	ABTC98909	pending	PNG	East Sepik Prov.	Wamangu	-3.7239	143.6322	x	x
mira n. sp.	mira	ABTC98915	pending	PNG	East Sepik Prov.	Wamangu	-3.7239	143.6322	x	x
mira n. sp.	mira	ABTCXXX	pending	PNG	East Sepik Prov.	Wamangu	-3.7239	143.6322	x	
mira n. sp.	mira	ABTC138826	SAMAR70446	PNG	Western Prov.	unnamed camp in upper Strickland River basin	-6.28	142.10	x	x
mira n. sp.	mira	ABTC138871	pending	PNG	Western Prov.	unnamed camp in upper Strickland River basin	-6.28	142.10	x	x
mira n. sp.		ABTC141569	SAMAR71117	PNG	Gulf Prov.	Purari River Basin	-7.49	145.22	x	x
mira n. sp.		ABTC142694	SAMAR71116	PNG	Gulf Prov.	Purari River Basin	-7.79	145.27	x	
mira n. sp.		ABTC142710	pending	PNG	Gulf Prov.	Purari River Basin	-7.86	145.33	x	
mira n. sp.		ABTC142725	SAMAR71115	PNG	Gulf Prov.	Purari River Basin	-7.86	145.33	x	
mira n. sp.		ABTC142727	pending	PNG	Gulf Prov.	Purari River Basin	-7.86	145.33	x	
mira n. sp.	mira	ABTC141600	SAMAR71114	PNG	Gulf Prov.	Purari River Basin	-7.35	145.19	x	
splendida	splendida	ABTC93252		PNG	Northern Territory	Garrandalng walk, Keep River NP	-15.87	129.05		x
splendida	splendida	ABTC30734	MAGNT R24497	Aust	Northern Territory	Gurrandalng Walk, Keep River NP	-15.83	129.10		x
splendida	splendida	ABTC118342		Aust	Western Australia	South Bank of the Charnley River, Eastern end of Artesian Range	-16.3515	125.22998		x
splendida	splendida	ABTC30799		Aust	Western Australia	Lake Argyle	-16.33	128.72		x
splendida	splendida	ABTC30800		Aust	Western Australia	Lake Argyle	-16.33	128.72		x
splendida	splendida	ABTC86553		Aust	Western Australia	tributary of the Fitzroy River, Narrie Range	-17.4483	126.3400		x
splendida	splendida	ABTC86554		Aust	Western Australia	tributary of the Fitzroy River, Narrie Range	-17.4483	126.3400		x
splendida	splendida	ABTC118105	No voucher	Aust	Western Australia	Matthew Gorge, King Leopold Ranges Conservation Park	-16.78116	124.92056		x
splendida	splendida	ABTC118118	No voucher	Aust	Western Australia	Western end of Artesian Range	-16.54834	124.9961		x
splendida	splendida	ABTC86539	SAMA R	Aust	Western Australia	Cowendyne Creek, Mornington Station	-17.75	126.38		x
splendida	splendida	ABTC132464	WAM R132746	Aust	Western Australia					x
splendida	splendida	ABTC132467	WAM R164917	Aust	Western Australia	Bigge Island	-14.5841	125.1047		x
splendida	splendida	ABTC132468	WAM R164918	Aust	Western Australia	Bigge Island	-14.5841	125.1047		x
splendida	splendida	ABTC132475	WAM R166469	Aust	Western Australia	The Grotto	-15.7138	128.2564		x
splendida	splendida	ABTC100960	WAM R168072	Aust	Western Australia	Quail Falls	-15.7483	125.3736		x
splendida	splendida	ABTC132471	WAM R168073	Aust	Western Australia	Quail Falls	-15.7483	125.3736		x
splendida	splendida	ABTC132472	WAM R168082	Aust	Western Australia	Quail Falls	-15.7483	125.3736		x
splendida	splendida	ABTC132473	WAM R168083	Aust	Western Australia	Quail Falls	-15.7483	125.3736		x

splendida	splendida	ABTC132469	WAM R168101	Aust	Western Australia	Camp Creek	-15.5944	125.1872	x
splendida	splendida	ABTC132476	WAM R168241	Aust	Western Australia	Irvine Island	-	123.541211	x
splendida	splendida	ABTC132470	WAM R171510	Aust	Western Australia	HARDING RANGE	-16.3230	124.7589	x
splendida	splendida	ABTC132465	WAM R171961	Aust	Western Australia	UNNAMED ISLAND	-15.9111	124.4594	x
splendida	splendida	ABTC132474	WAM R171962	Aust	Western Australia	Storr Island	-15.9522	124.5619	x
splendida	splendida	ABTC131978	WAM R174177	Aust	Western Australia	head of falls on Cole Creek, King Edward River north site 3	-14.51679	126.44779	x