

Dhami, K. K., Joseph, L., Roshier, D. A., Heinsohn, R. and Peters, J. L. 2012. Multilocus phylogeography of Australian teals (*Anas* spp.): a case study of the relationship between vagility and genetic structure. – J. Avian Biol. 43: xxx–xxx.

Supplementary material

Appendix 1

Table A1. Sampling details for grey teal and chestnut teal collected from the southeast (SE), southwest (SW), northeast (NE) and northwest (NW) locations in Australia. ANWC - Australian National Wildlife Collection, CSIRO Ecosystems Canberra; DPIW – Department of Primary Industries and Water, Tasmania; NC - Northern Connections project; ACT - Australian Capital Territory; CY – Cape York Peninsula; FNQ – Far North Queensland; NSW – New South Wales; NW-WA – north-west Western Australia; SA – South Australia; TAS - Tasmania; VIC – Victoria, WA - Western Australia; PNG – Papua New Guinea. An asterisk indicates samples from antique museum specimens (collected between 1967–1974) that were sequenced for mtDNA only; double-asterisks indicate modern samples sequenced for mtDNA only.

Reg.	No.	Species	Sex	State	Location	Latitude	Longitude	Region
ANWC	29938	<i>A. castanea</i>	Male	NSW	ca 6 km SW Dapto	34.54	150.75	SE
ANWC	29939	<i>A. castanea</i>	Male	NSW	ca 6 km SW Dapto	34.54	150.75	SE
ANWC	42512	<i>A. castanea</i>	Male	SA	Kangaroo Isl.	35.9	137.42	SE
ANWC	45602	<i>A. castanea</i>	Male	TAS	Flinders Isl.	40.13	148.2	TAS
ANWC	45603	<i>A. castanea</i>	Male	TAS	Flinders Isl.	40.13	148.2	TAS
ANWC	45604	<i>A. castanea</i>	Male	TAS	Flinders Isl.	40.13	148.2	TAS
ANWC	45700	<i>A. castanea</i>	Female	TAS	Flinders Isl.	40.13	148.2	TAS
ANWC	50193	<i>A. castanea</i>	Male	WA	ca 17 km E Esperance	33.82	122.07	SW
ANWC	50259	<i>A. castanea</i>	Male	WA	Mt Barker area	34.24	117.65	SW
ANWC	50285	<i>A. castanea</i>	Male	WA	Mt Barker area	34.47	117.3	SW
ANWC	50437	<i>A. castanea</i>	Male	WA	ca 52 km W Bremer Bay	34.44	118.81	SW
ANWC	50438	<i>A. castanea</i>	Male	WA	ca 52 km W Bremer Bay	34.44	118.81	SW
ANWC	50439	<i>A. castanea</i>	Female	WA	ca 52 km W Bremer Bay	34.44	118.81	SW
DPIW	CT127	<i>A. castanea</i>	Male	TAS	Waterhouse Lake	40.95	147.6	TAS
DPIW	CT132	<i>A. castanea</i>	Male	TAS	Waterhouse Lake	40.95	147.6	TAS
DPIW	CT135	<i>A. castanea</i>	Male	TAS	Ross	42.02	147.48	TAS
DPIW	CT136	<i>A. castanea</i>	Male	TAS	Ross	42.02	147.48	TAS
DPIW	CT146	<i>A. castanea</i>	Male	TAS	Rushy Lagoon	42.33	147.58	TAS
DPIW	CT147	<i>A. castanea</i>	Male	TAS	Rushy Lagoon	42.33	147.58	TAS
DPIW	CT150	<i>A. castanea</i>	Male	TAS	Rushy Lagoon	42.33	147.58	TAS

DPIW	CT151	<i>A. castanea</i>	Male	TAS	Rushy Lagoon	42.33	147.58	TAS
DPIW	CT154	<i>A. castanea</i>	Male	TAS	S Ross	42.02	147.48	TAS
DPIW	CT155	<i>A. castanea</i>	Male	TAS	Ross	42.02	147.48	TAS
ANWC	10503*	<i>A. castanea</i>	Female	ACT	Grace, Canberra	35.22	149.13	SE
ANWC	19820*	<i>A. castanea</i>	Female	ACT	Grace, Canberra	35.22	149.13	SE
ANWC	16839*	<i>A. castanea</i>	Male	VIC	Mooroopna	36.40	145.37	SE
ANWC	16838*	<i>A. castanea</i>	Male	VIC	Mooroopna	36.40	145.37	SE
ANWC	16837*	<i>A. castanea</i>	Male	NSW	Gol Gol Swamp, N of Mildura	34.17	142.25	SE
ANWC	34160	<i>A. gracilis</i>	Male	NSW	ca 55 km E Albury	35.99	147.58	SE
ANWC	34161	<i>A. gracilis</i>	Male	NSW	ca 55 km E Albury	35.99	147.58	SE
ANWC	34162	<i>A. gracilis</i>	Female	NSW	ca 55 km E Albury	35.99	147.58	SE
ANWC	34163	<i>A. gracilis</i>	Female	NSW	ca 55 km E Albury	35.99	147.58	SE
ANWC	50075	<i>A. gracilis</i>	Female	NSW	ca 6 km SE Mathoura	35.83	144.93	SE
ANWC	50087	<i>A. gracilis</i>	Male	NSW	ca 6 km SE Mathoura	35.83	144.93	SE
ANWC	50097	<i>A. gracilis</i>	Female	NSW	Mathoura	35.87	144.94	SE
ANWC	50098	<i>A. gracilis</i>	Male	NSW	Mathoura	35.87	144.94	SE
ANWC	50102	<i>A. gracilis</i>	Female	NSW	Mathoura	35.87	144.94	SE
ANWC	50116	<i>A. gracilis</i>	Female	NSW	Mullawoolka Basin	30.49	143.79	SE
ANWC	50139	<i>A. gracilis</i>	Male	NSW	Mullawoolka Basin	30.49	143.79	SE
ANWC	51286	<i>A. gracilis</i>	Male	NSW	ca 55 km E Albury	35.97	147.52	SE
ANWC	29560	<i>A. gracilis</i>	Female	QLD	ca 4 km S Karumba	17.5	140.8	NE
ANWC	51597	<i>A. gracilis</i>	Male	QLD	Kowanyama	15.45	141.64	NE
ANWC	45701	<i>A. gracilis</i>	Male	TAS	Flinders Isl.	40.13	148.20	TAS
ANWC	32999	<i>A. gracilis</i>	Male	WA	ca 300 km N Meekatharra	24.44	119.68	MW
ANWC	33000	<i>A. gracilis</i>	Female	WA	ca 300 km N Meekatharra	24.44	119.68	MW
ANWC	50204	<i>A. gracilis</i>	Male	WA	ca 20 km N Esperance	33.68	121.91	SW
ANWC	50258	<i>A. gracilis</i>	Female	WA	Mt Barker area	34.21	117.67	SW
ANWC	50283	<i>A. gracilis</i>	Male	WA	Mt Barker area	34.42	117.24	SW
ANWC	50284	<i>A. gracilis</i>	Male	WA	Mt Barker area	34.47	117.3	SW

ANWC	50318	<i>A. gracilis</i>	Male	WA	ca 11 km N of Manjimup	34.14	116.16	SW
ANWC	50370	<i>A. gracilis</i>	Female	WA	ca 5 km NW of Dandaragan	30.64	115.67	SW
ANWC	50724	<i>A. gracilis</i>	Female	WA	ca 73 km E Broome	17.77	122.86	NW
ANWC	50725	<i>A. gracilis</i>	Female	WA	ca 73 km E Broome	17.77	122.86	NW
ANWC	50757	<i>A. gracilis</i>	Male	WA	ca 73 km E Broome	17.77	122.86	NW
ANWC	50758	<i>A. gracilis</i>	Male	WA	ca 73 km E Broome	17.77	122.86	NW
ANWC	50825	<i>A. gracilis</i>	Female	WA	ca 73-83 km E Broome	17.77	122.86	NW
ANWC	50826	<i>A. gracilis</i>	Male	WA	ca 73-83 km E Broome	17.77	122.86	NW
ANWC	50827	<i>A. gracilis</i>	Male	WA	ca 73-83 km E Broome	17.78	122.89	NW
ANWC	50828	<i>A. gracilis</i>	Male	WA	ca 73-83 km E Broome	17.78	122.89	NW
ANWC	50135	<i>A. gracilis</i>	Female	NSW	Mullawoolka Basin	30.49	143.79	SE
ANWC	51153	<i>A. gracilis</i>	Female	NSW	ca 84 km W of Moree on watercourse	-29.23	149.11	SE
ANWC	51154	<i>A. gracilis</i>	Male	NSW	ca 84 km W of Moree on watercourse	-29.23	149.11	SE
ANWC	51155	<i>A. gracilis</i>	Female	NSW	ca 84 km W of Moree on watercourse	-29.23	149.11	SE
ANWC	51285	<i>A. gracilis</i>	Female	NSW	ca 55 km SE of Albury	-35.97	147.52	SE
ANWC	51287	<i>A. gracilis</i>	Male	NSW	ca 55 km SE of Albury	-35.97	147.52	SE
NC	54216	<i>A. gracilis</i>	Male	FNQ	Delta Downs 10 km E of Karumba	-17.48	140.83	NE
NC	54217	<i>A. gracilis</i>	Male	FNQ	Delta Downs 10 km E of Karumba	-17.48	140.83	NE
NC	54218	<i>A. gracilis</i>	Male	FNQ	Delta Downs 10 km E of Karumba	-17.48	140.83	NE
NC	54219	<i>A. gracilis</i>	Male	FNQ	Delta Downs 10 km E of Karumba	-17.48	140.83	NE
NC	54221	<i>A. gracilis</i>	Female	CY	Rutlands Plain Homestead	-13.7	141.56	NE
NC	54222	<i>A. gracilis</i>	Male	CY	Rutlands Plain Homestead	-13.7	141.56	NE
NC	54224	<i>A. gracilis</i>	Male	CY	Rutlands Plain Homestead	-13.7	141.56	NE
NC	GT1	<i>A. gracilis</i>	Female	PNG	Lake Murray, PNG	-7	141.5	PNG
NC	ANU07121102	<i>A. gracilis</i>	Male	NSW	Wagga Wagga	-35.15	147.38	SE
NC	ANU07121101	<i>A. gracilis</i>	Male	NSW	Wagga Wagga	-35.15	147.38	SE
NC	ANU07121103	<i>A. gracilis</i>	Male	NSW	Wagga Wagaa	-35.15	147.38	SE
NC	WW07.01.211.04	<i>A. gracilis</i>	Male	NSW	Koorinal Treatment Works	-35.15	147.38	SE
NC	ANU07121107**	<i>A. gracilis</i>	Unknown	NSW	Wagga Wagga	-35.15	147.38	SE

NC	ANU07121109**	<i>A. gracilis</i>	Unknown	NSW	Wagga Wagga	-35.15	147.38	SE
NC	ANU09154211**	<i>A. gracilis</i>	Unknown	NSW	Wagga Wagga	-35.15	147.38	SE
NC	ANU09154213**	<i>A. gracilis</i>	Unknown	NSW	Wagga Wagga	-35.15	147.38	SE
ANWC	34164**	<i>A. gracilis</i>	Male	NSW	ca 55 km SE of Albury	-35.97	147.52	SE
ANWC	34165**	<i>A. gracilis</i>	Male	NSW	ca 55 km SE of Albury	-35.97	147.52	SE
ANWC	34166**	<i>A. gracilis</i>	Female	NSW	ca 55 km SE of Albury	-35.97	147.52	SE
ANWC	34167**	<i>A. gracilis</i>	Female	NSW	ca 55 km SE of Albury	-35.97	147.52	SE
ANWC	50172**	<i>A. gracilis</i>	Male	NSW	Mullawoolka Basin	30.49	143.79	SE
ANWC	50175**	<i>A. gracilis</i>	Male	NSW	Mullawoolka Basin	30.49	143.79	SE
ANWC	50759**	<i>A. gracilis</i>	Male	NW-WA	ca 73 km E Broome	-17.77	122.86	NW
ANWC	50760**	<i>A. gracilis</i>	Male	NW-WA	ca 73 km E Broome	-17.77	122.86	NW
ANWC	51156**	<i>A. gracilis</i>	Male	NSW	ca 84 km W of Moree on watercourse	-29.23	149.11	SE
ANWC	51158**	<i>A. gracilis</i>	Male	NSW	ca 84 km W of Moree on watercourse	-29.23	149.11	SE
ANWC	51288**	<i>A. gracilis</i>	Male	NSW	ca 55 km SE of Albury	-35.97	147.52	SE
ANWC	51290**	<i>A. gracilis</i>	Male	NSW	ca 55 km SE of Albury	-35.97	147.52	SE