

S5 Supplementary Tables

Table S1: **Platypus samples sequenced.** The samples in blue are in the unrelated set used for the population genetic analyses (see Methods). The final column indicates how the samples were divided into five groups, and in parentheses, into four more general groups, on the basis of the PCA results. Individuals indicated by N/A were excluded from these groups because there were insufficient samples from that cluster on the PCA shown in Figure 2. NQLD: North Queensland; NNSW: North New South Wales; CNSW: Central New South Wales; TAS: Tasmania.

Sample	Voucher ID	Sex	Sampling Location	Group (larger group)
N701	APlat	M	Dirran Creek	NQLD (NQLD)
N702	BPlat	M		
N703	CPlat	F		
N704	DPlat	F		
N748	PLT035	M		
N749	PLT037	F		
N750	PLT080	F		
N711	PLT010	M	Rifle Creek, Julatten	
N751	PLT033	F	Barron River	
N745	PLT032	F	Running River	N/A (N/A)
N746	PLT068	F	Broken River	N/A (N/A)
N747	PLT069	M		
N753	PLT059	F	Carnarvon Creek	N/A (N/A)
N730	MA428	M	Gwydir River	N/A (NNSW)
N707	GPlat	M	Barnard River	Barnard (NNSW)
N713	P♂2002#1	M		
N714	P♂2002#2	M		
N715	P♂2003	M		
N716	P♂2006	M		
N717	P♂2008#1	M		
N718	P♀2008#1	F		
N719	P♀2008#2	F		
N720	P♂2009#1	M		
N721	P♂2009#2	M		
N722	P♀2009#1	F		
N723	P♂2012#1	M		
N724	P♂2012#2	M		
N725	Glennie	F		
N735	Abby	M	Fish River (Taronga Zoo)	Wingecarribee (CNSW)
N736	Eve	F		
N732	MJ468	F	Wingecarribee River	
N733	Eve	M		
N744	FA624	F		
N759	FJ626	F		
N712	FA556 (SHN42)	F		
N726	FA696	F		
N727	FA531	F		
N728	MA460	M		
N729	MJ380	M		

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Table S1 Continued

Sample	Voucher ID	Sex	Sampling Location	Group (larger group)
N731	MA482	M		
N734	FA513	F		
N737	FA462	F		
N738	MJ402	M		
N739	MJ403	M		
N740	FA667	F		
N741	FA547	F		
N742	FA557	F		
N743	FJ537	F		
N752	MA398	M		
N757	MJ379	M		
N760	FA549	F		
N761	MA393	M		
N705	EPlat	M	Launceston	
N710	P29	M	Mangalore	
N754	P150	M	South Esk River	
N755	P114	M	Brumby's Creek	
N756	113	F	Brumby's Lake	
N758	P158	M	Upper Derwent River	
				TAS (TAS)