

JAB4486

Jønsson, K. A., Bowie, R. C. K., Moyle, R. G., Christidis, L., Filardi, C. E., Norman, J. A. and Fjeldså, J. 2008. Molecular phylogenetics and diversification within one of the most geographically variable bird species complexes *Pachycephala pectoralis/melanura*. – J. Avian Biol. 39: 473–478.

Appendix 1. List of taxa. Asterisk marks vouchered specimens. TP marks species that were extracted from toe-pads. Acronyms are MV: Museum Victoria, Melbourne, Australia; UWBM: University of Washington, Burke Museum, Seattle, USA; ZMUC: Zoological Museum of Copenhagen, Denmark; WAM: Western Australian Museum, Perth, Australia.

Taxon name	Origin	Accession number	GAPDH	ODC	ND3	ND2
<i>Pachycephala citreogaster citreogaster</i> *TP	Feni	ZM95288	EU599248	EU599262	EU600800	EU600817
<i>Pachycephala citreogaster citreogaster</i> *TP	New Britain	ZM95290	EU599249	EU599263	EU600801	EU600818
<i>Pachycephala citreogaster citreogaster</i> *TP	New Ireland	ZM95289	EU599250	EU599264	EU600802	EU600819
<i>Pachycephala citreogaster citreogaster</i> *TP	New Hanover	ZM95291	EU599251	EU599265	EU600803	EU600820
<i>Pachycephala citreogaster citreogaster</i> *TP	Dyaul	ZM95287	EU599253	EU599268	EU600806	EU600823
<i>Pachycephala citreogaster sexuvarya</i> *TP	Mussau	ZM95286	EU599255	EU599270	EU600808	EU600825
<i>Pachycephala macrorhynca fuscollava</i> *	Tanimbar	WAM25185	EU599256	EU599272	EU600810	EU600828
<i>Pachycephala melanura dahli</i> *	Restorf Island	UWBM68054				DQ469075
<i>Pachycephala melanura dahli</i> *	Restorf Island	UWBM67949				DQ469072
<i>Pachycephala melanura dahli</i> *TP	Kung	ZM95283		EU599266	EU600804	EU600821
<i>Pachycephala melanura dahli</i> *TP	Tingwon	ZM95284	EU599252	EU599267	EU600805	EU600822
<i>Pachycephala melanura dahli</i> *TP	Credner	ZM95285	EU599254	EU599269	EU600807	EU600824
<i>Pachycephala melanura robusta</i> *	N. Territory, Australia	MV1248	EU273383	EU273364	EU600794	EU600811
<i>Pachycephala orioloides centralis</i> *	New Georgia	UWBM63131				DQ469085
<i>Pachycephala orioloides centralis</i> *	New Georgia	UWBM66075				DQ469084
<i>Pachycephala orioloides centralis</i> *	New Georgia	UWBM66074				DQ469082
<i>Pachycephala orioloides centralis</i> *	New Georgia	UWBM63037				DQ469073
<i>Pachycephala orioloides christophori</i> *	Makira, Solomons	ZM139478	EU599246	EU599260	EU600798	EU600815
<i>Pachycephala orioloides christophori</i> *	Makira, Solomons	ZM139460	EU599247	EU599261	EU600799	EU600816
<i>Pachycephala orioloides cinnamomea</i> *	Guadalcanal	UWBM60244				DQ469080
<i>Pachycephala orioloides cinnamomea</i> *	Guadalcanal	UWBM60347				DQ469077
<i>Pachycephala orioloides feminina</i> *TP	Rennell	ZM95292	EU599256	EU599271		EU600826
<i>Pachycephala orioloides orioloides</i> *	Isabel Island	UWBM60214				DQ469083
<i>Pachycephala orioloides orioloides</i> *	Choiseul	UWBM63262				DQ469081
<i>Pachycephala orioloides orioloides</i> *	Choiseul	UWBM63227				DQ469079
<i>Pachycephala orioloides orioloides</i> *	Isabel Island	UWBM60289				DQ469078
<i>Pachycephala pectoralis fuliginosa</i> *	Western Australia	MV2658	EU599244	EU599258	EU600795	EU600812
<i>Pachycephala pectoralis fuliginosa</i> *	Western Australia	UWBM60858				DQ469074
<i>Pachycephala pectoralis youngi</i> *	Victoria, Australia	MV3477	EU273385	EU273366	EU600796	EU600813
<i>Pachycephala pectoralis youngi</i> *	NSW, Australia	UWBM57458				DQ469076
Outgroup						
<i>Pachycephala grisola</i>	Philippines	ZMUC118870	EU380478	EU380442	EU600809	EU600827
<i>Pachycephala simplex</i> *	Australia	MV1183	EU599245	EU599259	EU600797	EU600814

Appendix 2. List of primers in this study.

Primer name	Primer sequence (5'-3')	Reference
NADH dehydrogenase unit 2 (ND2)		
ND2-Lmet	CGG ACT TTA GCA GAA ACT AAG AG	Hackett 1996
ND2-H6312	CTT ATT TAA GGC TTT GAA GGC C	Cicero and Johnson 2001
ND2pa-275F	CAA YTA ACC CAY CCA ACA TCA TG	This study
ND2pa-500F	AGC CCT AGG AGG ATG AAT AGG AC	This study
ND2pa-340R	CCT TGA AGT ACT TCT GGA AAT C	This study
ND2pa-600R	GTA KTG TTA GTT KAG GGT TG	This study
ND2pa-750F	TTC CTC CAA AAG TGA CTC ATT ATT	This study
ND2pa-800R	GAG TCA CTT TGG GAG GAA ACC TG	This study
NADH dehydrogenase unit 3 (ND3)		
ND3-L10755	GAC TTC CAA TCT TTA AAA TCT GG	Chesser 1999
ND3-H11151	GAT TTG TTG AGC CGA AAT CAA C	Chesser 1999
Glyceraldehyde-3-phosphodehydrogenase (GAPDH) intron 11		
G3P13b	TCC ACC TTT GAT GCG GGT GCT GGC AT	Fjelds� et al. 2003
G3P14b	AAG TCC ACA ACA CGG TTG CTG TA	Fjelds� et al. 2003
G3PintL1	GAA CGA CCA TTT TGT CAA GCT GGT T	Fjelds� et al. 2003
G3Pcora1F	TAC TGC TGG TGA TCC AGG TGG ATA	J�nsson et al. 2008
G3Pcora1R	TTC TTC CTG CTC CTC TGC CCC AT	J�nsson et al. 2008
G3PL890	ACC TTT AAT GCG GGT GCT GGC ATT GC	Friesen et al. 1997
G3PH950	CAT CAA GTC CAC AAC ACG GTT GCT GTA	Friesen et al. 1997
Ornithine decarboxylase (ODC) introns 6-7 (with exon 7)		
OD6	GAC TCC AAA GCA GTT TGT CGT CTC AGT GT	Allen and Omland 2003
OD8R	TCT TCA GAG CCA GGG AAG CCA CCA AT	Allen and Omland 2003
ODintF	ATG CCC GCT GTG TGT TTG	Irestedt et al. 2006
ODintF2	CAC TTA AGA CTA GCA GGC TTC TTC TGG A	Irestedt et al. 2006
ODintR3	CAA ACA CAC AGC GGG CAT CAG A	Irestedt et al. 2006
ODintR4	CAT ATT GAA GCC AAG TTC AGC CTA	Irestedt et al. 2006