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Erratum

Erratum to: Convergent evolution of morphological and ecological traits in the open-habitat chat complex (Aves, Muscicapidae: Saxicolinae) [Molecular Phylogenetics and Evolution 65 (2012) 35–45]

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In our paper about the phylogeny of the open-habitat chat complex inadvertently the GenBank accession numbers of all newly generated sequences presented in Table 1 were left out. We here provide a corrected version of this Table. We would like to apologize for any inconvenience this may have caused to the readers of the journal.

References

Aliabadian, M., Kaboli, M., Prodon, R., Nijman, V., Vences, M., 2007. Phylogeny of Palearctic wheatears (genus *Oenanthe*) – congruence between morphometric and molecular data. *Mol. Phylogenet. Evol.* 42, 665–675.

Förchler, M., Khoury, F., Bairlein, F., Aliabadian, M., 2010. Phylogeny of the mourning wheatear *Oenanthe lugens* complex. *Mol. Phylogenet. Evol.* 56, 758–767.

Glen, R., Bowie, R.C.K., Stolberger, S., Voelker, G., 2011. Geographically structured plumage variation among populations of White-headed Black Chat (*Myrmecocichla arnotti*) in Tanzania confirms the race *collaris* to be a valid taxon. *J. Ornithol.* 152, 63–70.

Outlaw, R.K., Voelker, G., Bowie, R.C.K., 2010. Shall we chat? Evolutionary relationships in the genus *Cercomela* (Muscicapidae) and its relation to *Oenanthe* reveals extensive polyphyly among chats distributed in Africa India and the Palearctic. *Mol. Phylogenet. Evol.* 55, 284–292.

Zuccon, D., Ericson, P.G.P., 2010a. A multi-gene phylogeny disentangles the chat flycatcher complex (Aves: Muscicapidae). *Zool. Scr.* 39, 213–224.

Zuccon, D., Ericson, P.G.P., 2010b. The *Monticola* rock-thrushes: phylogeny and biogeography revisited. *Mol. Phylogenet. Evol.* 55, 901–910.

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Table 1
Samples and sequences included in the phylogenetic analysis, with museum accession numbers and collection localities. The taxonomy follows Dickinson (2003). GenBank accession numbers of sequences published previously are followed by their references. Museum acronyms: BMNH, The Natural History Museum, Tring; IAR, Institute of Avian Research Wilhelmshaven, Vogelwarte Helgoland; MIUT, Museum of Ispahan University of Technology; MNHN, Muséum National d'Histoire Naturelle, Paris; NHMO, Natural History Museum, University of Oslo; NMBV, National Museum, Bloemfontein; NRM, Swedish Museum of Natural History; UMMZ, University of Michigan Museum of Zoology; USNM, United States National Museum, and ZMUC, Zoological Museum of the University of Copenhagen. References: [1] Zuccon and Ericson, 2010a; [2] Zuccon and Ericson, 2010b; [3] Outlaw et al., 2010; [4] Aliabadian et al., 2007; [5] Glen et al., 2011; [6] Förschler et al., 2010. *: these ND2 sequences were used only to evaluate the intraspecific divergence in the neighbour-joining tree, but they were not included in the phylogenetic analyses.

Taxon	Sample	GADPH	Myoglobin	ODC	ND2	ND3	COI	16S	ND2*	Locality
<i>Campicoloides bifasciatus</i>	NMBV 06249	GU358973 [1]	GU358710 [1]	GU358838 [1]	GU358779 [1]	JX256108				South Africa, Free State
	MNHN RSA073						JX255937	JX255919	JX256030	South Africa
<i>Cercomela dubia</i>	BMNH 1902.1.20.89	JX255956	JX255993	JX256155	JX256071					Ethiopia
<i>Cercomela familiaris</i>	NRM 680265	GU358974 [1]	GU358711 [1]	GU358839 [1]	GU237102 [2]	JX256109				Botswana, Francistown
	MNHN GA59064						JX255938	JX255920	JX256031	South Africa, Berfontein
<i>Cercomela fusca</i>	UMMZ 181352	JX255957	JX255994	JX256156	JX256072	JX256110				India
<i>Cercomela melanura</i>	NRM 89950	JX255958	JX255995	JX256157	JX256073	JX256111				Israel, Sinai, Wadi Hebran
	IAR JA12106						JX255939	JX255921	JX256032	Jordan
<i>Cercomela schlegelii</i>	NRM 89947	JX255959	JX255996	JX256158	JX256074	JX256112				Angola, Benguella
<i>Cercomela scotocerca</i>	NRM 89960	JX255960	JX255997	JX256159	JX256075	JX256113				Eritrea, Cheren
<i>Cercomela sinuata</i>	NRM RA.02	JX255961	JX255998	JX256160	JX256076	JX256114				South Africa, Basutoland
<i>Cercomela sordida</i>	NRM 558924	GU359040 [1]	GU358774 [1]	GU358905 [1]	GU358832 [1]	JX256115				Ethiopia, Addis-Abeba
	BMNH 1950.50.434	JX255962	JX255999	JX256161	JX256077	JX256116				Namibia, Witputs
<i>Myrmecocichla aethiops</i>	NRM 89928	JX255963	JX256000	JX256162	JX256078	JX256117				Kenya, Eldoret
<i>Myrmecocichla albifrons</i>	NRM 558941	JX255964	JX256001	JX256163	JX256079	JX256118				Sudan, Zande District
<i>Myrmecocichla arnotti</i>	NRM 558901	GU359016 [1]	GU358751 [1]	GU358881 [1]	GU358815 [1]	JX256119				South Africa, Transvaal
	FMNH 438821				HM595025 [5]					Tanzania
<i>Myrmecocichla collaris</i>	NMBV 06296	JX255965	JX256002	JX256164	JX256080	JX256120				South Africa
	MNHN B038907						JX255940	JX255922	JX256033	South Africa, Kimberley
<i>Myrmecocichla melana</i>	BMNH 1952.25.13	JX255966	JX256003	JX256165	JX256081	JX256121				Eritrea, Senafe
<i>Myrmecocichla nigra</i>	NRM 570041	GU359017 [1]	GU358752 [1]	GU358882 [1]	GU237119 [2]	JX256122				Angola, Dembos
	BMNH 1957.35.276	JX255967	JX256004	JX256166	JX256082					Angola, Vouga
<i>Oenanthe alboniger</i>	MIUT 2003-95(18)	JX255968	JX256005	JX256167	JX256083	JX256123	DQ683480 [4]	DQ683446 [4]		Iran, Firouz Abad
<i>Oenanthe bottae</i>	NRM 558916	JX255969	JX256006	JX256168		JX256124				Saudi Arabia, Taik
	IAR A1147					JX256084	JX255941	JX255923		Ethiopia
<i>Oenanthe chrysopygia</i>	NRM 896463	JX255970	JX256007	JX256169	JX256085	JX256125				Russia, Ordubad
	MIUT 2003-96(19)						DQ683481 [4]	DQ683447 [4]	JX256034	Iran, Kashan
<i>Oenanthe cyprica</i>	NRM 553236	JX255971	JX256008	JX256170	JX256086	JX256126				Cyprus, Ayia Phyla
<i>Oenanthe deserti</i>	NRM 20046660	GU359019 [1]	GU358754 [1]	GU358884 [1]	GU237121 [2]	JX256127				Iran, Mashhad
	MIUT 2003-99(22)						DQ683485 [4]	DQ683451 [4]	JX256035	Morocco, Eastern high plateaus
<i>Oenanthe finschii</i>	NRM 896462	JX255972	JX256009	JX256171	JX256087	JX256128				Russia, Dzhulfa,
	BMNH A/ 2005.2.11						DQ683487 [4]	DQ683453 [4]	JX256036	Iran, Firouz Abad
<i>Oenanthe heuglini</i>	MNHN 1966.549	JX255973	JX256010	JX256172	JX256088	JX256129				Ethiopia
<i>Oenanthe hispanica hispanica</i>	NRM 551781	JX255974	JX256011	JX256173	JX256089	JX256130				Spain, Zafra,
	MNHN 1995-104						JX255942	JX255924	JX256037	France
<i>Oenanthe hispanica melanoleuca</i>	DZC 20010729.02	JX255975	JX256012	JX256174	JX256090	JX256131				Greece, Rhodes
	IAR 81418926						JX255943	JX255925	JX256038	Mali

Table 1 (continued)

Taxon	Sample	GADPH	Myoglobin	ODC	ND2	ND3	COI	16S	ND2*	Locality
<i>Oenanthe isabellina</i>	NRM 90181 BMNH A/ 2005.2.1	JX255976	JX256013	JX256175	JX256091	JX256132	DQ683492 [4]	DQ683458 [4]	JX256039	Eritrea, Gheleb Iran, Ispahan
<i>Oenanthe leucopyga leucopyga</i>	NRM 90334 IAR HA01112	JX255977	JX256014	JX256176	JX256092	JX256133	 DQ683508 [4]	 DQ683474 [4]	 JX256040	 Morocco, Tazenakht Israel
<i>Oenanthe leucopyga ernesti</i>	NHMO 22655	JX255978	JX256015	JX256177	JX256093	JX256134				
<i>Oenanthe leucura</i>	NRM 90197 IAR 82004655	JX255979	JX256016	JX256178	JX256094	JX256135	JX255944 HM046858 [6]	JX255926 HM046838 [6]	JX256041	Algeria, Tilatou Morocco
<i>Oenanthe lugens halophila</i>	IAR 503	JX255980	JX256017	JX256179	JX256095	JX256136	HM046858 [6]	HM046838 [6]		Morocco, Boumalne
<i>Oenanthe lugens lugens</i>	IAR 396	JX255981	JX256018	JX256180	JX256096	JX256137	HM046860 [6]	HM046840 [6]		Jordan, Wadi Raman
<i>Oenanthe lugens persica</i>	NRM 20046701 BMNH A/ 2005.2.7	JX255982	JX256019	JX256181	JX256097	JX256138	 DQ683497 [4]	 DQ683463 [4]	 JX256042	 Iran, Ispahan
<i>Oenanthe lugubris</i>	IAR 447	JX255383	JX256020	JX256182	JX256098	JX256139	HM046871 [6]	HM046871 [6]		Ethiopia, Jemmu
<i>Oenanthe moesta</i>	NRM 90315 MIUT 2003- 103(26)	JX255984	JX256021	JX256183	JX256099	JX256140	DQ683500 [4]	DQ683466 [4]	JX256043	Algeria, Bordj Saada Morocco, Eastern high plateaus
<i>Oenanthe monacha</i>	NRM 90320 IAR BG22386	JX255985	JX256022	JX256184	JX256100	JX256141	JX255945	JX255927	JX256044	Egypt, Suez Israel
<i>Oenanthe monticola</i>	NRM 90042 MNHN RSA037	JX255986	JX256023	JX256185	JX256101	JX256142	 JX255946	 JX255928	 JX256045	 South Africa, Great Namaqualand South Africa
<i>Oenanthe oenanthe</i>	NRM 966643 BMNH A/ 2005.2.4	GU359020 [1]	GU358755 [1]	GU358885 [1]	GU358816 [1]	JX256143	 DQ683502 [4]	 DQ683468 [4]	 JX256046	 Sweden, Stockholm Iran, Ispahan
<i>Oenanthe phillipsi</i>	MNHN 1974- 1550	JX255987	JX256024	JX256186	JX256102	JX256144	JX255947			Ethiopia
<i>Oenanthe picata</i>	NRM 20046664 MIUT 2003- 7.1(27)	JX255988	JX256025	JX256187	JX256103	JX256145	 DQ683509 [4]	 DQ683475 [4]		 Iran, Touran
<i>Oenanthe pileata</i>	NRM 90366 MNHN 36-E05	JX255989	JX256026	JX256188	JX256104	JX256146	JX255948	JX255929	JX256047	Tanzania, Tanga South Africa, Berfontein
<i>Oenanthe pleschanka</i>	NRM 20046694 MIUT 2003- 26(30)	JX255990	JX256027	JX256189	JX256105	JX256147	 DQ683507 [4]	 DQ683473 [4]	 JX256048	 Sweden (vagrant) Iran, Dar Gaz
<i>Oenanthe xanthopyrmyna</i>	NHMO 23723	JX255991	JX256028	JX256190	JX256106	JX256148	JX255949	JX255930		Israel
<i>Thamnolaea cinnamomeiventris</i>	NRM 20086147	GU359034 [1]	GU358769 [1]	GU358899 [1]	GU358828 [1]	JX256149	JX255950	JX255931		Nigeria, Jos
<i>Outgroup</i>										
<i>Phoenicurus phoenicurus</i>	NRM 20016219 MNHN 22-43	GU359022 [1]	GU358757 [1]	GU358887 [1]	GU237122 [2]	JX256150	 JX255951	 JX255932	 JX256065	 Sweden, Stockholm France, Ahetze
<i>Saxicola rubetra</i>	NRM 20016186 ZMUC 131941	GU359028 [1]	GU358763 [1]	GU358893 [1]	GU237123 [2]	JX256151	 JX255952	 JX255933	 JX256067	 Sweden, Stockholm Denmark, Kongelunden
<i>Saxicola (torquata) stejnegeri</i>	NRM 947295	JX255992	JX256029	JX256191	JX256107	JX256152	JX255953	JX255934		Vietnam
<i>Monticola gularis</i>	NRM 20036789 MNHN JF031	GU359006 [1]	GU358741 [1]	GU358871 [1]	GU237106 [2]	JX256153	 JX255954	 JX255935	 JX256061	 Vietnam, Kon Tum Cambodia
<i>Monticola solitarius</i>	NRM 20016756 MNHN 22-33	GU359007 [1]	GU358742 [1]	GU358872 [1]	GU358808 [1]	JX256154	 JX255955	 JX255936	 JX256063	 Captivity, unknown France, Corsica