

Supplementary Information

Winter site use by Afro-Palearctic migrants in Ghana: site persistence and densities of Willow Warbler, Pied Flycatcher, Melodious Warbler and Common Redstart

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Table S1: Density at all sites where transect counts were carried out in 2013, 2015 and 2016. Zeros indicate that no birds of a given species were recorded. Blank fields indicate that the transect counts were not carried out at the site in the given year.

Site	Species	2013		2015		2016	
		Birds ha ⁻¹	s.d.	Birds ha ⁻¹	s.d.	Birds ha ⁻¹	s.d.
Damongo (disturbed)	Willow Warbler	0.91	2.47	0.80	2.07	0.50	2.25
	Pied Flycatcher	0.62	1.19	0.30	1.07	0.60	1.45
	Melodious Warbler	0.15	0.58	0		0.10	0.63
Damongo (undisturbed)	Willow Warbler	0.34	1.42	0.17	0.82	0.13	0.72
	Pied Flycatcher	0.82	1.25	0.74	2.39	0.53	1.87
	Melodious Warbler	0.12	0.53	0.17	0.82	0	
Sacred site	Willow Warbler			0.33	1.15		
	Pied Flycatcher			2.00	3.19		
	Melodious Warbler			0.33	1.15		
Daboya	Willow Warbler			0			
	Pied Flycatcher			0.07	0.52		
	Melodious Warbler			0			
Tono Dam	Willow Warbler			0		0.07	0.53
	Pied Flycatcher			0		0	
	Melodious Warbler			0		0	
Navrongo	Willow Warbler			0.67	1.56	0.33	1.15

	Pied Flycatcher	0	0.33	1.15
	Melodious Warbler	0	0	
	Willow Warbler		0.73	1.62
Damongo Dam	Pied Flycatcher		0.73	1.62
	Melodious Warbler		0.73	2.41
	Willow Warbler		0.55	1.87
Damongo NV	Pied Flycatcher		0	
	Melodious Warbler		0.18	0.85
	Willow Warbler		0.11	0.66
Navrongo irrigated	Pied Flycatcher		0.11	0.66
	Melodious Warbler		0.65	2
	Willow Warbler		0	
Navrongo s irrigated	Pied Flycatcher		0.11	0.65
	Melodious Warbler		0	
	Willow Warbler		0	
Soro river	Pied Flycatcher		1.09	2.07
	Melodious Warbler		0	
	Willow Warbler		0	
Tono	Pied Flycatcher		0.33	1.15
	Melodious Warbler		0	

Figure S1: Seasonal distribution during each winter of captures 10-day periods from 21 November to 31 March.

