

Appendix A: Weights used to connect individual states, provinces and territories to wintering grounds farther south. Part 3. Midwestern U.S. States (PIF-Midwest Region)

(Part of Blancher et al. 2006. PIF Technical Series No. 4.)⁴

Priority Species ¹	Map Weights for Priority Species in each State ²											
	IA ³	IL	IN	KS	MI	MN	MO	ND	NE	OH	SD	WI
Mississippi Kite				2.13								
Northern Harrier					0.49			0.63			0.53	0.20
Swainson's Hawk	0.01			0.68		0.03		0.71	0.77		0.73	
Ferruginous Hawk								1.04	0.26		1.03	
Prairie Falcon				0.23				0.08				
Yellow Rail					0.56	0.93		0.52				1.23
Black Rail				1.29								
King Rail	2.51				0.49		1.02	0.07	0.58	1.28	0.60	1.33
Virginia Rail					0.46	0.75		1.38	0.19		2.61	0.48
Sandhill Crane					0.35	1.29						1.76
Killdeer	2.08			0.06		0.83		0.48	0.73	0.83	1.20	
Upland Sandpiper	1.02	0.09	0.02	2.89	0.19	0.35	0.32	2.44	5.55	0.00	7.27	0.19
American Woodcock					2.11	0.68						1.20
Black Tern	0.03					0.86		2.61	0.22		2.00	
Black-billed Cuckoo	2.15	0.54	0.19	0.43	1.35	2.61	0.09	0.92	0.46	0.46	0.68	2.20
Yellow-billed Cuckoo	0.40	2.16	0.72	1.91	0.07	0.02	1.44		0.20	0.21	0.07	0.07
Burrowing Owl				0.32				0.04	0.25		0.35	
Long-eared Owl					0.10	0.21					0.26	0.27
Short-eared Owl								0.18				
Common Nighthawk				1.33								
Chuck-will's-widow		0.03	0.13	0.38			0.84					
Whip-poor-will	0.42	1.63	1.06	0.06	0.68	0.25	3.50		0.02	0.22	0.00	0.71
Chimney Swift	1.46	5.09	2.05	0.71	0.22	0.27	0.71		0.50	2.12	0.06	0.73
White-throated Swift									0.06		1.05	
Ruby-throated Hummingbird							1.25					
Belted Kingfisher					0.12	0.08						0.04
Red-headed Woodpecker	2.82	2.65	0.39	2.49		0.54	0.97	0.06	4.83		0.78	0.35
Northern Flicker					0.03				0.11			
Olive-sided Flycatcher					0.03	0.11						0.03
Eastern Wood-Pewee		2.24	1.72		1.08	0.89	2.01			1.12		1.92
Acadian Flycatcher	0.04	1.38	2.35	0.01	0.05	0.00	0.60			2.46		0.01
Willow Flycatcher	0.66	0.91	1.10	0.02	0.52	0.16	0.03	0.45	0.13	1.58	0.47	0.92
Least Flycatcher					0.42	0.68						0.59
Say's Phoebe				0.26				0.45	0.35		0.52	
Great Crested Flycatcher				0.93								
Western Kingbird				2.07					1.28		0.90	
Eastern Kingbird		1.18	0.49				0.80			0.16		
Scissor-tailed Flycatcher				0.49								
Loggerhead Shrike	0.50			0.77		0.05	0.11	0.23	0.94		0.50	0.00
White-eyed Vireo		0.79	0.49				0.43			0.68		
Bell's Vireo	0.60	0.24	0.09	1.02			0.36		0.82	0.00	0.09	0.02
Yellow-throated Vireo		1.51	2.01				0.74			1.79		
Warbling Vireo	0.39	0.76	0.47		0.23	0.30						0.35
Bewick's Wren		0.00					0.04			0.00		

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Dickcissel	4.79	3.94	0.48	7.00	0.01	0.18	2.18	0.03	2.81	0.03	1.21	0.14
Bobolink	1.20	0.30	0.30	0.00	0.98	3.46	0.09		0.53	0.47	1.53	1.95
Eastern Meadowlark		0.93	0.12	0.74	0.23	0.03	1.00				0.02	0.38
Western Meadowlark				0.88		0.26		0.94	1.60		2.49	
Yellow-headed Blackbird	0.10			0.12		1.17		3.99	0.49		2.24	
Rusty Blackbird						0.00						
Orchard Oriole	0.37	1.41	0.85	1.36	0.03	0.09	0.85		1.19	0.33	1.13	0.05
Bullock's Oriole				0.15					0.11		0.02	
Baltimore Oriole				2.85			0.99		2.34	0.92	0.30	
Cassin's Finch											0.03	

¹ Priority Species (Species of Conservation Importance) for U.S. states from Rosenberg (2004). Year-round resident species are not included here, nor in maps.

² Map weights determined by the proportion of a species' world population that breeds in the state and then migrates beyond state borders for the winter. Average weight in each state adjusted to 1.0. Bold type highlights species with weights ≥ 1 (i.e. at or above state average).

³ Standard 2-letter acronyms for each state: IA=Iowa; IL=Illinois; IN=Indiana; KS=Kansas; MI=Michigan; MN=Minnesota; MO=Missouri; ND=North Dakota; NE=Nebraska; OH=Ohio; SD=South Dakota; WI=Wisconsin.

⁴ Blancher, P.J., B. Jacobs, A. Couturier, C.J. Beardmore, R. Dettmers, E.H. Dunn, W. Easton, E.E. Iñigo-Elias, T.D. Rich, K.V. Rosenberg and J.M. Ruth. 2006. Making Connections for Bird Conservation: Linking States, Provinces & Territories to Important Wintering and Breeding Grounds. Partners in Flight Technical Series No. 4. <http://www.partnersinflight.org/pubs/ts/04-Connections>

Downloadable Excel file includes all states, provinces and territories, and includes scientific names and file sequence numbers for re-sorting file to taxonomic order.