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Climate change leads to decreasing bird migration distances

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Supplementary Material - Table

Linear regression of \log_{10} recovery distance (km) in winter of recovery for 24 species (ordered according Euring number), ringed in the Netherlands from 1932 to 2004 during the breeding season (April-July) and recovered during winters 1932/33-2004/05 (Nov-Feb). Included are the species characteristics: habitat, diet, \log_{10} weight, \log_{10} distance in 1984 (see Methods) and trend (population estimate for the Netherlands in 2000 / estimate in 1977). N is the number of recoveries, the estimate is log distance versus year slope (with SE) and the P-value the significance of the slope when species are tested singly in a linear regression.

Latin name	Common name	Habitat	Diet	Log(weight)	Log(distance)	Trend	N	Estimate	SE	P-value
<i>Phalacrocorax carbo</i>	Cormorant	open wet	vertebrate	3.398	2.58	6.33	144	0.001	0.002	0.37
<i>Ardea cinerea</i>	Grey Heron	open wet	vertebrate	3.176	1.57	1.15	1969	-0.003	0.002	0.07
<i>Cygnus olor</i>	Mute Swan	open wet	invert, plant	4.000	1.42	2.4	135	-0.007	0.007	0.33
<i>Somateria mollissima</i>	Eider	open wet	invert, plant	3.352	1.44	2.25	613	-0.004	0.002	0.07
<i>Circus aeruginosus</i>	Marsh Harrier	open wet	vertebrate	2.778	2.25	1.76	52	0.005	0.005	0.31
<i>Circus cyaneus</i>	Hen Harrier	open dry	vertebrate	2.653	1.93	0.83	62	-0.028	0.007	<0.0001
<i>Accipiter nisus</i>	Sparrow Hawk	woodland	vertebrate	2.301	1.42	3.75	818	-0.001	0.002	0.77
<i>Buteo buteo</i>	Buzzard	woodland	vertebrate	2.94	1.59	4.00	911	-0.005	0.002	0.03
<i>Falco tinnunculus</i>	Kestrel	open dry	vertebrate	2.255	1.58	1.09	3146	-0.004	0.001	<0.0001
<i>Fulica atra</i>	Coot	open wet	invert, plant	2.875	1.27	2.38	165	-0.009	0.005	0.10
<i>Haematopus ostralegus</i>	Oystercatcher	open wet	invert, plant	2.763	1.76	2.13	840	-0.006	0.002	0.0015
<i>Recurvirostra avosetta</i>	Avocet	open wet	invert, plant	2.477	2.63	1.60	62	-0.008	0.004	0.06
<i>Vanellus vanellus</i>	Lapwing	open dry	invert, plant	2.301	2.73	2.08	311	-0.009	0.003	0.0006
<i>Larus ridibundus</i>	Black-headed Gull	open wet	invert, plant	2.455	2.22	0.68	1130	-0.007	0.001	<0.0001
<i>Larus canus</i>	Common Gull	open dry	invert, plant	2.602	1.87	0.87	115	-0.017	0.006	0.006
<i>Larus argentatus</i>	Herring Gull	open wet	invert, plant	2.973	1.73	1.23	1394	0.002	0.001	0.07
<i>Tyto alba</i>	Barn Owl	open dry	vertebrate	2.477	1.59	2.61	2571	-0.014	0.001	<0.0001
<i>Athene noctua</i>	Little Owl	open dry	vertebrate	2.279	1.10	0.86	120	-0.006	0.005	0.27
<i>Strix aluco</i>	Tawny Owl	woodland	vertebrate	2.690	1.08	1.82	265	-0.003	0.003	0.47
<i>Asio otus</i>	Long-eared Owl	woodland	vertebrate	2.447	1.41	1.22	283	-0.009	0.003	0.001
<i>Turdus merula</i>	Blackbird	woodland	invert, plant	2.041	1.58	1.50	83	-0.018	0.004	<0.0001
<i>Turdus philomelos</i>	Song Thrush	woodland	invert, plant	1.903	2.46	1.08	59	-0.004	0.003	0.25
<i>Parus major</i>	Great Tit	woodland	invert, plant	1.267	1.12	2.56	226	-0.004	0.002	0.05
<i>Sturnus vulgaris</i>	Starling	open dry	invert, plant	1.903	2.00	0.97	207	-0.007	0.002	0.0001