

Supporting Information

Name and position of the release sites, date of flights, Ap-value

Behavioral traits of individual homing pigeons, *Columba livia f. domestica*, in their homing flights

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Table S1 Name and position of the release sites, date of flights, Ap-value

	Abr.	Site	Home dir.	Distance (km)	Date	Ap-Index
2009	WAL	Wallau	67°	21.5	29.07.2009	2
	GH	Gräfenhausen	14°	21.6	31.07.2009	4
	KST	Königstädten	43°	23.5	04.08.2009	3
	MT	Maintal	263°	11.7	19.08.2009	8
	HOF	Hofheim	83°	13.3	27.08.2009	6
	SB	Steinbach (Ts.)	134°	9.3	31.08.2009	5
2010	KB	Kelsterbach	56°	10.3	25.05.2010	3
	RB	Rosbach	194°	19.2	14.06.2010	4
	NA	Neu-Ansbach	154°	21.3	22.06.2010	4
	BGR	Burggräfenrode	214°	17.3	24.06.2010	4

Home dir., home direction. Ap is a geomagnetic index, characterizing the fluctuation of the geomagnetic field during the respective day (see reference for details).

Schiffner I, Wiltschko R. (2011) Temporal fluctuations of the geomagnetic field affect pigeons' entire homing flight. *J. Comp. Physiol. A*, 197, 765-772.