Appendix S1

Characterization of the vegetation phenology at non-breeding, stopover and breeding sites along the flyways of Common Nightingales (*Luscinia megarhynchos*). The NDVImax/min [unitless] is the maximum/minimum of 29-year mean weekly NDVI and the DOYmax/min is the day of the year [1-366] at which this NDVImax/min is reached. The ø is the mean value of NDVImax/min and DOYmax/min among the 9 non-breeding/stopover sites and among the 3 breeding sites.

Table S1: Characteristics of the vegetation phenology at non-breeding sites.

ID	NDVImax	DOYmax	NDVImin	DOYmin
Ne1	284.0	232	87.5	127
Ne2	385.4	239	114.0	92
Ne3	407.3	246	140.2	64
Ne4	386.4	232	136.0	99
Nc1	336.7	253	119.8	64
Nw1	408.4	246	153.9	50
Nw2	371.7	239	127.1	8
Nw3	364.1	267	171.8	15
Nw4	335.2	260	108.7	113
ø	364.4	246.0	128.8	70.2

Table S2: Characteristics of the vegetation phenology at stopover sites.

ID	NDVImax	DOYmax	NDVImin	DOYmin
Se1	71.6	78	52.7	267
Se2	96.1	71	54.3	253
Se3	81.6	78	49.2	260
Se4	81.8	78	39.7	253
Sc1	180.1	92	87.7	239
Sw1	209.9	106	144.2	260
Sw2	214.0	106	165.3	323
Sw3	297.7	162	166.3	8
Sw4	258.2	162	142.8	260
ø	165.7	103.7	100.2	276.4

Table S3: Characteristics of the vegetation phenology at breeding sites.

ID	NDVI	DOYm	NDVIm	DOYm
Be	401.6	148	100.2	351
Bc	258.1	176	101.7	8
Bw	503.9	183	145.7	8
ø	387.9	169.0	115.9	0.7

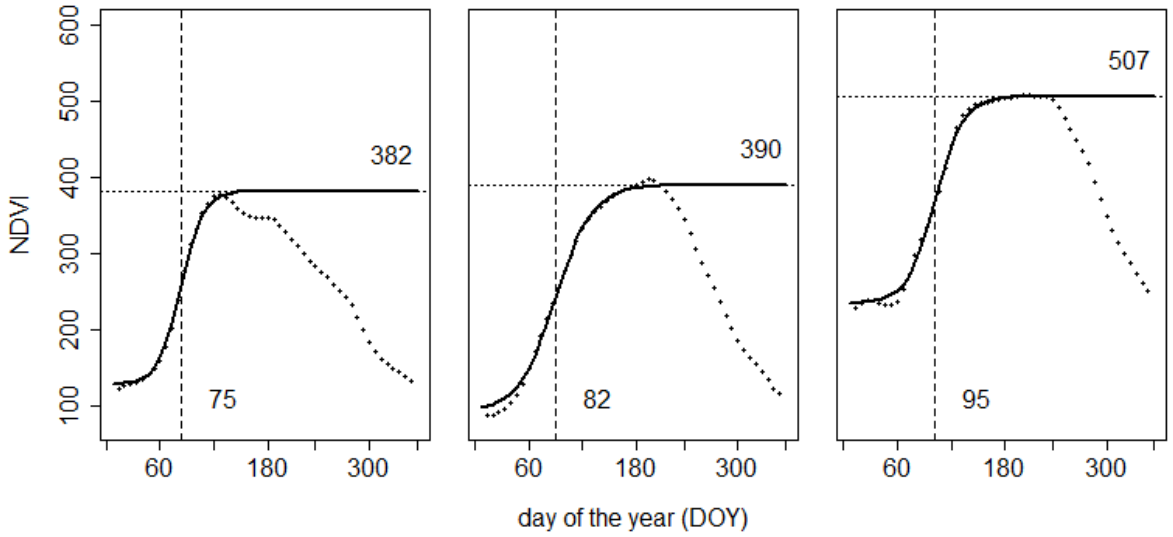

Fig. S1: Exemplary graphs showing the logistic regressions of annual NDVI dynamics (circles) at the Eastern (left), Central (middle) and Western (right) breeding site. The estimated spring green-up date is given as day of the year (DOY) and marked with a vertical dashed line. Additionally the fitted values are shown as bold lines and the asymptote NDVI values next to the dotted asymptote lines.