Table S1. Collinearity effects between variables used in the predictive model.

	Slope	FMS	Bio1	Bio4	Bio12	Bio15
Slope	1.000					
FMS	-0.269	1.000				
Bio1	-0.397	0.188	1.000			
Bio4	0.075	0.008	-0.274	1.000		
Bio12	0.164	-0.201	-0.293	-0.488	1.000	
Bio 15	0.067	-0.009	0.631	-0.628	0.408	1.000

Table S2. List of the proposed corridors that make up the network. Suitability: suitability value for the distribution of Iberian lynx obtained through the suitability map generated by the species distribution model; Length: length of the corridor (km); mean width: average width of the corridor; minimum width: minimum width of the corridor; Below threshold: sum of the lengths of segments of the corridor with width below the threshold and proportion of the corridor below the threshold width. Threshold = 1500 m. value from which a narrowing, strangling or bottleneck in the corridor is considered. In red: extreme upper values; in green: extreme lower values.

Corridor	Suitability (%)	Length (km)	Average width (km)	Minimum width (km)	Below thresold (km)	Below thresold (%)
1–2	42.7	70.3	3.0	1.0	4.8	6.8
2–11	29.8	61.7	3.8	2.6	0.0	0.0
2–3	34.5	72.1	1.2	0.3	52.7	73.1
2–4	41.9	128.8	3.1	0.8	9.5	7.3
3–10	42.7	104.8	2.9	0.2	4.3	4.1
3–8	54.2	71.5	5.0	2.5	0.0	0.0
3–9	43.6	55.0	4.3	2.4	0	0
4–14	77.6	84.4	4.5	1.9	0.0	0.0
4–19	70.2	17.0	11.5	4.5	0.0	0.0
4–3	49.6	76.7	3.0	0.9	11.5	15.0
4–5	55.7	64.6	3.2	1.3	5.7	8.8
5–3	61.2	75.4	3.3	0.8	2.4	3.2
6–10	59.6	65.1	3.1	1.2	2.3	3.6
6–19	68.2	76.7	2.5	0.2	10.4	13.5
6–5	75.5	24.5	4.4	2.7	0.0	0.0
6–7	47.7	38.5	3.4	0.9	4.7	12.3
6–8	52.8	66.4	3.1	1.3	0.8	1.2
13–12	39.1	168.5	2.6	0.2	33.8	20.1
13–14	61.7	113.0	3.8	1.3	2.0	1.8
13–15	71.6	109.7	2.3	0.8	13.5	12.3
13–4	52.7	91.1	4.5	1.7	0.0	0.0
14–16	66.5	136.1	2.1	0.2	25.3	18.6
15–12	44.4	87.7	3.3	0.9	4.0	4.6
15–14	72.4	140.1	2.4	0.7	17.0	12.1
15–17	59.9	61.2	3.1	1.7	0.0	0.0
15–18	65.5	91.5	3.1	1.3	0.8	0.9
17–16	75.7	24.4	5.2	3.3	0.0	0.0
17–18	41.7	11.5	12.6	11.4	0.0	0.0
18–12	47.1	109.7	2.8	0.2	9.4	8.6

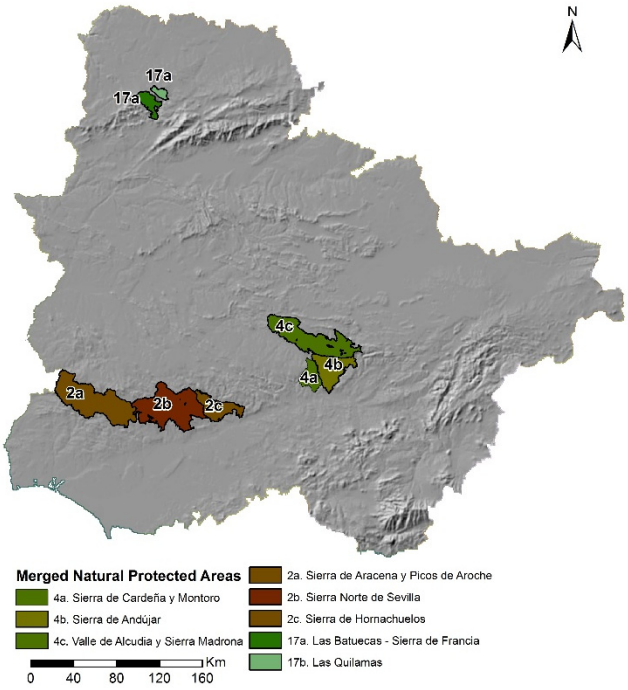

Figure S1. Merged natural protected areas. Eight natural areas that are to be considered as three core areas.