

Appendix A.

Table 1. Geographical details and habitat features of the study sites, showing the percentage of forest cover at different weight bands (10 and 20 m) along sampling transects, and the number of fruits per plant species per square meter of transect.

	Sierra del Aramo	Puertos de Marabio	Sierra de Peña Mayor	Puerto de San Lorenzo
Coordinates (N,S)	43° 14' 08"	43° 14' 07"	43° 18' 35"	43° 08' 28"
	5° 56' 08"	6° 07' 15"	5° 30' 40"	6° 11' 42"
Altitude (m a.s.l.)	1220	950	1020	1340
% forest cover				
10-m band	41.11	12.36	38.88	18.91
20-m band	43.95	12.57	40.22	19.68
Fruits/m ²				
<i>Crataegus monogyna</i>	21.10	7.42	9.75	5.01
<i>Ilex aquifolium</i>	13.22	6.67	5.36	11.87
<i>Rosa sp.</i>	0.21	0.01	0.00	0.06
<i>Rubus sp.</i>	3.37	0.97	0.60	0.11
<i>Sambucus nigra</i>	0.94	0.00	0.14	0.17
<i>Sorbus aria</i>	0.33	0.00	0.00	0.00
<i>Taxus baccata</i>	0.29	0.00	5.46	0.00

Table 2. Number of seeds of plant species found in scats of frugivorous mammals at each study site (all samples). We also show the number of scats sampled for each mammal species. Numbers in parentheses represent the number of scats with at least one seed.

Site	Mammal species	n° scats	<i>Crataegus monogyna</i>	<i>Ilex aquifolium</i>	<i>Malus sylvestris</i>	<i>Prunus avium</i>	<i>Prunus spinosa</i>	<i>Rosa</i> sp.	<i>Rubus</i> sp.	<i>Sorbus aria</i>	<i>Taxus baccata</i>
Sierra del Aramo	<i>Capreolus capreolus</i>	14 (0)	-	-	-	-	-	-	-	-	-
	<i>Martes</i> sp.	8 (7)	4	-	35	-	-	70	12	-	67
	<i>Meles meles</i>	2 (2)	-	-	45	-	-	-	1,011	-	-
	<i>Mustela</i> sp.	6 (0)	-	-	-	-	-	-	-	-	-
	<i>Vulpes vulpes</i>	10 (7)	3	-	7	-	-	-	600	-	101
Puertos de Marabio	<i>Capreolus capreolus</i>	8 (3)	-	-	-	-	-	-	17	-	-
	<i>Erinaceus europaeus</i>	1 (0)	-	-	-	-	-	-	-	-	-
	<i>Felis silvestris</i>	1 (0)	-	-	-	-	-	-	-	-	-
	<i>Martes</i> sp.	11 (8)	6	-	-	-	-	123	1,138	-	-
	<i>Meles meles</i>	3 (3)	-	-	1	-	-	-	6,301	-	-
	<i>Sus scrofa</i>	15 (13)	3	1	103	8	-	-	12,796	-	-
	<i>Vulpes vulpes</i>	23 (18)	7	-	6	-	-	1	13,192	-	-
Sierra de Peña Mayor	<i>Capreolus capreolus</i>	9 (2)	4	-	-	-	-	-	-	-	-
	<i>Cervus elaphus</i>	24 (6)	52	28	-	-	-	-	-	-	1
	<i>Felis silvestris</i>	1 (0)	-	-	-	-	-	-	-	-	-
	<i>Lepus</i> sp.	1 (0)	-	-	-	-	-	-	-	-	-
	<i>Martes</i> sp.	1 (1)	-	-	-	-	-	-	-	-	15
	<i>Meles meles</i>	9 (8)	2	-	-	-	-	-	-	-	352
	<i>Mustela</i> sp.	1 (1)	-	-	-	-	-	1	-	-	-
	<i>Sus scrofa</i>	4 (0)	-	-	-	-	-	-	-	-	-
<i>Vulpes vulpes</i>	4 (3)	1	-	-	-	-	-	-	-	155	
Puerto de San Lorenzo	<i>Capreolus capreolus</i>	5 (1)	-	-	-	-	-	-	3	-	-
	<i>Cervus elaphus</i>	5 (1)	-	-	-	-	-	1	-	-	-
	<i>Martes</i> sp.	28 (27)	17	31	-	-	5	1,820	230	16	-
	<i>Meles meles</i>	1 (1)	-	-	-	-	-	-	10	-	-
	<i>Mustela</i> sp.	1 (1)	-	-	-	-	-	-	-	-	-
	<i>Sus scrofa</i>	1 (0)	-	-	-	-	-	-	-	-	-
	<i>Vulpes vulpes</i>	10 (5)	2	-	7	-	-	349	865	-	-

Table 3. Average (\pm SE) number of dispersed seeds per scat by plant and frugivorous mammal. Only scats with at least one seed are included.

Mammal species	n° scats	<i>Crataegus monogyna</i>	<i>Ilex aquifolium</i>	<i>Malus sylvestris</i>	<i>Prunus</i> sp.	<i>Rosa</i> sp.	<i>Rubus</i> sp.	<i>Sorbus aria</i>	<i>Taxus baccata</i>	All species
<i>Capreolus capreolus</i>	6	0.7 \pm 0.4	0	0	0	0	3.3 \pm 1.5	0	0	4.0 \pm 1.2
<i>Cervus elaphus</i>	7	7.4 \pm 3.7	4.0 \pm 2.1	0	0	0.1 \pm 0.1	0	0	0.1 \pm 0.1	11.7 \pm 5.6
<i>Martes</i> sp.	43	0.6 \pm 0.3	0.7 \pm 0.6	0.8 \pm 0.5	0.1 \pm 0.1	46.8 \pm 7.8	32.1 \pm 15.5	0.4 \pm 0.2	1.9 \pm 0.8	83.5 \pm 15.3
<i>Meles meles</i>	14	0.1 \pm 0.1	0	3.3 \pm 3.2	0	0	522.2 \pm 364.7	0	25.1 \pm 8.3	550.8 \pm 361.7
<i>Mustela</i> sp.	1	0	0	0	0	1.0 \pm 0.0	0	0	0	1.0 \pm 0.0
<i>Sus scrofa</i>	13	0.2 \pm 0.2	0.1 \pm 0.1	7.9 \pm 7.7	0.6 \pm 0.6	0	984.3 \pm 299.2	0	0	993.2 \pm 299.5
<i>Vulpes vulpes</i>	33	0.4 \pm 0.4	0	0.6 \pm 0.3	0	10.6 \pm 10.5	444.2 \pm 90.7	0	7.8 \pm 3.0	463.5 \pm 88.4