

**Supplementary Table 1.** Prey absolute mass and proportion (mass) taken by Eagle Owl females and males in the study.

Prey item	Mean prey weight (g)	♀♀ diet Mass (g) No.	♀♀ diet Mass (%) No. (%)	♂♂ diet Mass (g) No.	♂♂ diet Mass (%) No. (%)	Total prey Mass (g) No.	Total prey Mass (%) No. (%)
<i>Micromys minutus</i>	7	133 19	0.38 22.35	98 14	0.71 29.17	231 33	0.47 24.81
<i>Clethrionomys glareolus</i>	24	72 3	0.21 3.53	72 3	0.52 6.25	144 6	0.30 4.51
Aves sp. (small)	25	25 1	0.07 1.18	-	-	25 1	0.05 0.75
Cricetidae sp.	25	-	-	25 1	0.18 2.08	25 1	0.05 0.75
<i>Microtus agrestis</i>	40	1,040 26	2.99 30.59	560 14	4.06 29.17	1,600 40	3.29 30.08
<i>Rana</i> sp.	50	-	-	100 2	0.72 4.17	100 2	0.20 1.50
<i>Turdus</i> sp.	75	75 1	0.2 1.18	-	-	75 1	0.15 0.75
<i>Arvicola terrestris</i>	150	450 3	1.29 3.53	-	-	450 3	0.93 2.26
<i>Philomachus pugnax</i>	151	151 1	0.43 1.18	-	-	151 1	0.31 0.75
<i>Rattus norvegicus</i>	225	1,800 8	5.17 9.41	2,025 9	14.67 18.75	3,825 17	7.87 12.78
<i>Sciurus vulgaris</i>	290	1,450 5	4.17 5.88	-	-	1,450 5	2.98 3.76
<i>Surnia ulula</i>	295	295 1	0.85 1.18	-	-	295 1	0.61 0.75
<i>Anas crecca</i>	300	300 1	0.86 1.18	-	-	300 1	0.62 0.75
<i>Columba</i> sp.	430	430 1	1.24 1.18	-	-	430 1	0.89 0.75
<i>Corvus corone</i>	525	525 1	1.51 1.18	-	-	525 1	1.08 0.75
<i>Lagopus lagopus</i>	620	620 1	1.78	-	-	620 1	1.28 0.75
<i>Erinaceus europaeus</i>	765	3,825 5	10.99 5.88	765 1	5.54 2.08	4,590 6	9.45 4.51
<i>Anas platyrhynchos</i>	1,100	-	-	1,100 1	7.97 2.08	1,100 1	2.26 0.75
<i>Ondatra zibethica</i>	1,100	1,100 1	3.16 1.18	-	-	1,100 1	2.26 0.75
<i>Mergus</i> sp.	1,150	1,150 1	3.31 1.18	-	-	1,150 1	2.37 0.75
<i>Tetrao tetrix</i>	1,260	-	-	1,260 1	9.13 2.08	1,260 1	2.59 0.75
<i>Tetrao urogallus</i> ♀	1,850	1,850 1	5.32 1.18	-	-	1,850 1	3.81 0.75
<i>Lepus timidus</i>	3,900	19,500 5	56.05 5.88	7,800 2	56.50 4.17	27,300 7	56.18 5.26