

Supplementary Information

Ants in brown bear diet, and discovery of a new ant species for Estonia from brown bear scats.
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Table S1 Average biomass of individuals sampled in Estonia.

Nr.	Ant species	Average biomass of ant (mg)
1.	<i>Formica aquilonia</i>	9
2.	<i>F. polyctena</i>	7.5
3.	<i>F. rufa</i>	11
4.	<i>F. pratensis</i>	15*
5.	<i>F. fusca</i>	4.4
6.	<i>F. execta</i>	5*
7.	<i>F. sanguinea</i>	8.3
8.	<i>F. cinerea</i>	8*
9.	<i>F. cunicularia</i>	8*
10.	<i>Camponotus fallax</i>	15
11.	<i>C. herculeaneus</i>	15
12.	<i>Lasius niger</i>	1.9
13.	<i>L. flavus</i>	1
14.	<i>L. umbratus</i>	4*
15.	<i>L. alienus</i>	3*
16.	<i>L. fuliginous</i>	4.3
17.	<i>Myrmica rubra</i>	2.1
18.	<i>M. ruginodis</i>	2.3

*- personal data of A.J. Martin

Figure S2 Correlation between latitude and percentage of Estimated Dietary Content (EDC) of ants in the diet of brown bears, based on data of literature (see Table 3 for details).

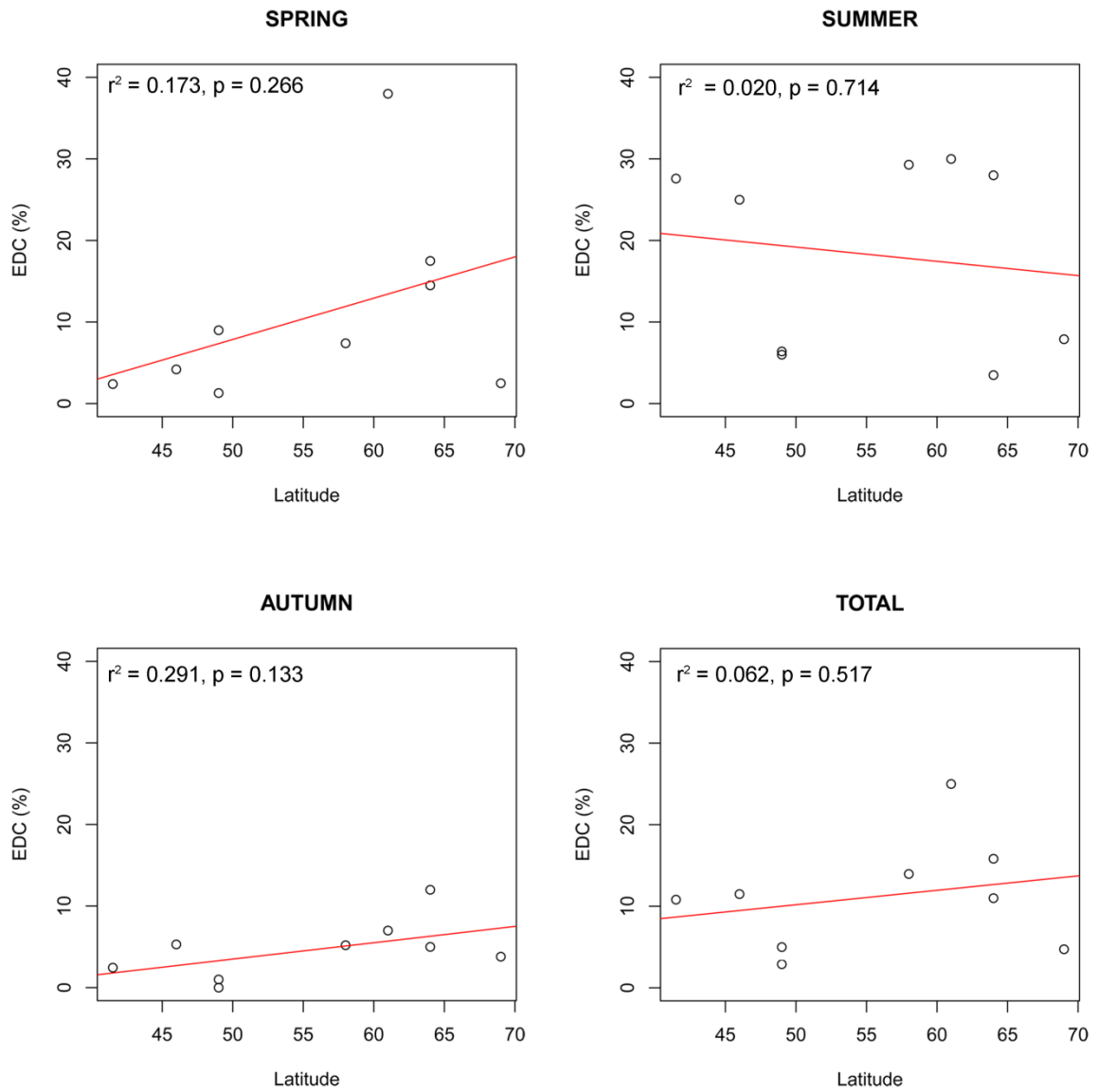


Table S3 . Estimated biomass of ants available for bears in Sweden (Swenson et al., 1999), Slovenia (Große et al., 2003) and Estonia (this study).

Ant group	Sweden		Slovenia		Estonia	
	g/ha	%	g/ha	%	g/ha	%
<i>Formica spp.</i>	9418	98.1	4	3.0	7165	93.5
<i>Lasius spp</i>	0.005	0.000052	72	53.3	322.8	4.2
<i>Serviformica spp.</i>	106	1,1	8	5,9	33.3	0.4
<i>Camponotus spp.</i>	23	0.2	2	1,5	0.7	0.009
<i>Myrmica spp.</i>	56	0.6	49	36.3	141.8	1.9
Total	9603	100	135	100	7664	100