

Additional file 5. Diversity of plants in the intestines of wild raccoon dogs.

	N	FO1 (%)	FO2 (%)	Volume (ml)	RS (%)
Σ Crops	42	45.2	16.2	13.5 ± 5.5	33.2 ± 5.7
<i>Avena sativa</i>	39	41.9	15.1	14.4 ± 5.9	33.1 ± 5.8
<i>Panicum miliaceum</i>	5	5.4	1.9	0.1 ± 0.04	20.4 ± 19.9
<i>Triticum aestivum</i>	1	1.1	0.4	2.3	2.4
<i>Sorghum</i> sp.	1	1.1	0.4	0.9	0.9
Σ Berries	20	21.5	7.7	2.3 ± 1.3	15.5 ± 7.0
<i>Sorbus aucuparia</i>	7	7.5	2.7	1.9 ± 1.1	18.4 ± 10.2
<i>Vaccinium vitis-idaea</i>	4	4.3	1.5	1.6 ± 1.5	13.4 ± 12.1
<i>Vaccinium oxycoccos</i>	4	4.3	1.5	0.1 ± 0.1	0.5 ± 0.2
<i>Vaccinium microcarpum</i>	2	2.2	0.8	0.01 ± <0.01	0.2 ± <0.1
<i>Vaccinium myrtillus</i>	1	1.1	0.4	0.1	0.8
<i>Crataegus</i> sp.	1	1.1	0.4	8.0	69.6
<i>Aronia</i> spp.	2	2.2	0.8	6.9 ± 6.8	21.7 ± 21.5
<i>Amelanchier spicata</i>	1	1.1	0.4	2.5	7.8
<i>Rubus idaeus</i>	1	1.1	0.4	0.02	0.1
<i>Polygonatum officinale</i>	1	1.1	0.4	0.1	0.8
Unidentified berries	2	2.2	0.8	0.3 ± 0.2	1.0 ± 0.5
Σ Vegetables	13	14.0	5.0	2.5 ± 1.3	5.9 ± 1.9
<i>Solanum tuberosum</i>	13	14.0	5.0	2.4 ± 1.3	5.8 ± 1.9
<i>Daucus carota</i>	3	3.2	1.2	0.3 ± 0.2	0.5 ± 0.3
Σ Fruits	9	9.7	3.5	1.5 ± 0.5	13.2 ± 10.3
<i>Pyrus communis</i>	4	4.3	1.5	1.3 ± 0.9	3.4 ± 2.8
<i>Malus domestica</i>	2	2.2	0.8	0.1 ± <0.01	0.2 ± <0.1
<i>Musa</i> sp.	2	2.2	0.8	1.9 ± 1.2	3.8 ± 2.9
Unidentified fruits	2	2.2	0.8	2.2 ± 1.3	48.7 ± 45.9
Other					
<i>Helianthus annuus</i>	13	14.0	5.0	15.8 ± 7.3	22.6 ± 7.6
<i>Arachis hypogaea</i>	1	1.1	0.4	9.5	27.6
<i>Setaria italica</i>	1	1.1	0.4	0.1	2.1
Unidentified nuts	1	1.1	0.4	0.1	2.7
Unidentified plants	6	6.5	2.3	1.8 ± 1.5	10.1 ± 6.1
Σ Digestible plants	61	65.6	23.6	14.5 ± 4.3	37.5 ± 5.1
Σ Wild plants	18	19.4	6.9	1.3 ± 0.7	10.8 ± 5.0
Σ Useful plants	60	64.5	23.2	14.4 ± 4.4	35.8 ± 5.1
Σ Undigestible plants	85	91.4	32.8	2.4 ± 0.4	—

N = the number of raccoon dog specimens with the observed food item, FO1 = 100×the proportion of intestines containing each food item, FO2 = 100×the occurrence of each food item/the total number of occurrences of all food items, RS = the volume of each food item of the total volume of the intestinal food items