

**Additional file 7. Diversity of fish in the stomachs and intestines of wild raccoon dogs.**

|           |                      | N  | FO1 (%) | FO2 (%) | Volume (ml) | RS (%)      |
|-----------|----------------------|----|---------|---------|-------------|-------------|
| Stomach   | Percidae             | 7  | 7.5     | 2.7     | 23.0 ± 8.8  | 25.6 ± 8.7  |
|           | Cyprinidae           | 2  | 2.2     | 0.8     | 25.1 ± 15.6 | 18.1 ± 12.3 |
|           | <i>Abramis brama</i> | 1  | 1.1     | 0.4     | 108.0       | 100.0       |
|           | Esocidae             |    |         |         |             |             |
|           | <i>Esox lucius</i>   | 2  | 2.2     | 0.8     | 21.5 ± 15.5 | 23.9 ± 20.3 |
|           | Lotidae              |    |         |         |             |             |
|           | <i>Lota lota</i>     | 1  | 1.1     | 0.4     | 1.4         | 0.7         |
|           | Unidentified fish    | 9  | 9.7     | 3.4     | 1.5 ± 1.0   | 4.5 ± 2.5   |
|           | Σ Fish               | 19 | 20.4    | 7.2     | 19.9 ± 7.8  | 21.3 ± 7.4  |
| Intestine | Percidae             | 3  | 3.2     | 1.2     | 2.5 ± 2.0   | 17.5 ± 13.8 |
|           | Cyprinidae           | 1  | 1.1     | 0.4     | 0.1         | 0.7         |
|           | <i>Abramis brama</i> | 1  | 1.1     | 0.4     | 6.0         | 100.0       |
|           | Esocidae             |    |         |         |             |             |
|           | <i>Esox lucius</i>   | 1  | 1.1     | 0.4     | 0.2         | 0.6         |
|           | Unidentified fish    | 4  | 4.3     | 1.5     | 3.6 ± 1.6   | 20.4 ± 9.4  |
|           | Σ Fish               | 10 | 10.8    | 3.9     | 2.8 ± 0.9   | 23.5 ± 10.1 |

N = the number of raccoon dog specimens with the observed food item, FO1 = 100×the proportion of stomachs/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 stomach/intestinal food items