



Supplementary Material

Summer Diet of South China Sika Deer (*Cervus nippon kopschi*) in Taohongling based on High-Throughput Sequencing and Metabarcoding trnL

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Supplementary Table SI. Diet composition reference of the South China sika deer using metabarcoding trnL in summer.

ID	OTU ID	Family	Genus	OTU number
1	OTU451	Smilacaceae	<i>Smilax</i>	166802
2	OTU370	Rosaceae	<i>Rubus</i>	47422
3	OTU496	Hamamelidaceae	<i>Loropetalum</i>	36544
4	OTU261	Bryaceae	<i>Rosulabryum</i>	31957
5	OTU242	Ericaceae	<i>Rhododendron</i>	24164
6	OTU69	Polygonaceae	<i>Persicaria</i>	20892
7	OTU326	Asteraceae	<i>Solidago</i>	19855
8	OTU186	Poaceae	<i>Setaria</i>	17821
9	OTU485	Rosaceae	<i>Rosa</i>	16217
10	OTU55	Poaceae	<i>Digitaria</i>	15601
11	OTU176	Poaceae	<i>Drepanos-tachyum</i>	15024
12	OTU182	Asteraceae	<i>Bidens</i>	13734
13	OTU460	Polygonaceae	<i>Persicaria</i>	11757
14	OTU62	Rosaceae	<i>Rubus</i>	10337
15	OTU54	Poaceae	<i>Oxychloris</i>	10268

ID	OTU ID	Family	Genus	OTU number
16	OTU46	Fagaceae	<i>Quercus</i>	8627
17	OTU17	Fabaceae	<i>Wisteria</i>	8266
18	OTU152	Rosaceae	<i>Sorbus</i>	4436
19	OTU7	Rosaceae	<i>Spiraea</i>	4302
20	OTU273	Staphyleaceae	<i>Euscaphis</i>	3128
21	OTU82	Asteraceae	<i>Scorzoneroideis</i>	3123
22	OTU272	Ericaceae	<i>Vaccinium</i>	2957
23	OTU88	Fabaceae	<i>Dalbergia</i>	2769
24	OTU349	Rhabdoweisiaceae	<i>Glyphomitrium</i>	2563
25	OTU67	Poaceae	<i>Saccharum</i>	2208
26	OTU51	Lythraceae	<i>Trapa</i>	1830
27	OTU257	Polygonaceae	<i>Persicaria</i>	1193
28	OTU471	Rosaceae	<i>Prunus</i>	1127
29	OTU444	Vitaceae	<i>Vitis</i>	952
30	OTU128	Malvaceae	<i>Grewia</i>	768
31	OTU245	Euphorbiaceae	<i>Mallotus</i>	714
32	OTU346	Lauraceae	<i>Cinnamomum</i>	709
33	OTU185	Rubiaceae	<i>Oldenlandia</i>	643
34	OTU100	Convolvulaceae	<i>Ipomoea</i>	632
35	OTU413	Poaceae	<i>Agrostis</i>	575
36	OTU513	Poaceae	<i>Molinia</i>	568
37	OTU108	Poaceae	<i>Triodia</i>	553
38	OTU9	Plantaginaceae	<i>Veronica</i>	520
39	OTU117	Fabaceae	<i>Albizia</i>	389
40	OTU402	Moraceae	<i>Broussonetia</i>	375
41	OTU126	Asteraceae	<i>Bidens</i>	367
42	OTU92	Hamamelidaceae	<i>Fortunearia</i>	366

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ID	OTU ID	Family	Genus	OTU number	ID	OTU ID	Family	Genus	OTU number
43	OTU381	Juglandaceae	<i>Platycarya</i>	326	84	OTU430	Rosaceae	<i>Rubus</i>	21
44	OTU133	Asteraceae	<i>Sondottia</i>	278	85	OTU298	Fabaceae	<i>Wisteriopsis</i>	21
45	OTU373	Lamiaceae	<i>Premna</i>	273	86	OTU113	Aristolochiaceae	<i>Asarum</i>	20
46	OTU52	Hamamelidaceae	<i>Corylopsis</i>	255	87	OTU164	Fabaceae	<i>Mucuna</i>	20
47	OTU129	Cannabaceae	<i>Trema</i>	229	88	OTU219	Fagaceae	<i>Castanea</i>	19
48	OTU360	Polygonaceae	<i>Fallopia</i>	229	89	OTU71	Lamiaceae	<i>Thymus</i>	15
49	OTU138	Poaceae	<i>Pratochloa</i>	207	90	OTU472	Ericaceae	<i>Vaccinium</i>	15
50	OTU505	Poaceae	<i>Panicum</i>	183	91	OTU375	Rosaceae	<i>Rubus</i>	14
51	OTU31	Poaceae	<i>Chasechloa</i>	172	92	OTU207	Lythraceae	<i>Lagerstroemia</i>	14
52	OTU65	Poaceae	<i>Streptogyna</i>	152	93	OTU142	Malvaceae	<i>Waltheria</i>	14
53	OTU184	Poaceae	<i>Oplismenus</i>	121	94	OTU229	Euphorbiaceae	<i>Excoecaria</i>	11
54	OTU134	Cunoniaceae	<i>Karrabina</i>	120	95	OTU362	Moraceae	<i>Streblus</i>	10
55	OTU77	Asteraceae	<i>Fulcaldea</i>	112	96	OTU105	Plantaginaceae	<i>Antirrhinum</i>	10
56	OTU130	Cornaceae	<i>Cornus</i>	100	97	OTU404	Cannabaceae	<i>Aphananthe</i>	9
57	OTU124	Ulmaceae	<i>Zelkova</i>	88	98	OTU427	Vitaceae	<i>Parthenocissus</i>	8
58	OTU480	Poaceae	<i>Poa</i>	88	99	OTU8	Lamiaceae	<i>Lamium</i>	8
59	OTU143	Poaceae	<i>Sartidia</i>	83	100	OTU202	Rosaceae	<i>Prunus</i>	6
60	OTU44	Poaceae	<i>Littledalea</i>	80	101	OTU512	Poaceae	<i>Chionochloa</i>	6
61	OTU518	Rosaceae	<i>Rubus</i>	68	102	OTU260	Poaceae	<i>Bromus</i>	6
62	OTU516	Poaceae	<i>Lophatherum</i>	66	103	OTU227	Staphyleaceae	<i>Staphylea</i>	6
63	OTU121	Fabaceae	<i>Pueraria</i>	66	104	OTU299	Sabiaceae	<i>Sabia</i>	4
64	OTU438	Fabaceae	<i>Callerya</i>	61	105	OTU365	Poaceae	<i>Bergbambos</i>	4
65	OTU378	Rosaceae	<i>Prunus</i>	56	106	OTU376	Myricaceae	<i>Morella</i>	4
66	OTU93	Moraceae	<i>Ficus</i>	53	107	OTU6	Cornaceae	<i>Cornus</i>	3
67	OTU48	Malvaceae	<i>Hibiscus</i>	53	108	OTU214	Rhabdoweisiaceae	<i>Symblepharis</i>	3
68	OTU408	Lauraceae	<i>Persea</i>	52	109	OTU94	Bryaceae	<i>Bryum</i>	3
69	OTU80	Fabaceae	<i>Sarcodum</i>	49	110	OTU366	Rosaceae	<i>Sorbaria</i>	2
70	OTU275	Fagaceae	<i>Castanopsis</i>	48	111	OTU154	Rosaceae	<i>Malus</i>	2
71	OTU156	Sabiaceae	<i>Meliosma</i>	46	112	OTU364	Poaceae	<i>Trisetum</i>	2
72	OTU280	Moraceae	<i>Maclura</i>	40	113	OTU209	Euphorbiaceae	<i>Sclerocroton</i>	2
73	OTU523	Lamiaceae	<i>Callicarpa</i>	38	114	OTU445	Rubiaceae	<i>Mitragyna</i>	2
74	OTU324	Cunoniaceae	<i>Geissois</i>	37	115	OTU64	Rubiaceae	<i>Galium</i>	2
75	OTU3	Rosaceae	<i>Potentilla</i>	31	116	OTU473	Convolvulaceae	<i>Cuscuta</i>	1
76	OTU482	Moraceae	<i>Trophis</i>	29	117	OTU526	Rosaceae	<i>Alchemilla</i>	1
77	OTU251	Aristolochiaceae	<i>Asarum</i>	29	118	OTU527	Cannabaceae	<i>Celtis</i>	1
78	OTU484	Rubiaceae	<i>Luculia</i>	28	119	OTU359	Cannabaceae	<i>Cannabis</i>	1
79	OTU507	Rosaceae	<i>Potentilla</i>	27	120	OTU394	Lauraceae	<i>Caryodaphnopsis</i>	1
80	OTU157	Poaceae	<i>Digitaria</i>	27	121	OTU284	Lamiaceae	<i>Salvia</i>	1
81	OTU268	Rosaceae	<i>Potentilla</i>	25	122	OTU368	Lamiaceae	<i>Clerodendranthus</i>	1
82	OTU32	Ulmaceae	<i>Ulmus</i>	23	123	OTU374	Myricaceae	<i>Morella</i>	1
83	OTU79	Rosaceae	<i>Comarum</i>	22	124	OTU379	Juglandaceae	<i>Carya</i>	1
					125	OTU517	Fabaceae	<i>Hymenolobium</i>	1
					126	OTU320	Fabaceae	<i>Amphicarpaea</i>	1