

Table S2. Classification of species based on observed dietary behavior or inferred from the literature.

Scientific name	Common name	Classification according to Van Valkenburgh ¹	Classification used in this study	Basis for classification	References
Felidae					
<i>Acinonyx jubatus</i>	Cheetah	>70% meat group	Hypercarnivore	Inferred	6
<i>Caracal aurata</i>	African golden cat	Not studied	Hypercarnivore	Inferred	3
<i>Caracal serval</i>	Serval	>70% meat group	Hypercarnivore	Inferred	6
<i>Felis bengalensis</i>	Leopard cat	Not studied	Hypercarnivore	Inferred	3, 7
<i>Felis canadensis</i>	Canada lynx	>70% meat group	Hypercarnivore	More than 84% of the food matter consumed is animal source	3, 4
<i>Felis catus</i>	Domestic cat	Not studied	Hypercarnivore	More than 90% of the food matter consumed is animal source 96% of biomass consumed is animal source	2
<i>Felis concolor</i>	Mountain lion	>70% meat group	Hypercarnivore		13
<i>Felis concolor coryi</i>	Florida panther	>70% meat group	Hypercarnivore	Inferred	13, 14
<i>Felis geoffroyi</i>	Geoffroy's cat	>70% meat group	Hypercarnivore	Inferred	9
<i>Felis rufus</i>	Bobcat	>70% meat group	Hypercarnivore	Inferred	5
<i>Felis tigrinus</i>	Little spotted cat	Not studied	Hypercarnivore	Inferred	10
<i>Felis wiedii</i>	Margay	Not studied	Hypercarnivore	Inferred	11, 12
<i>Panthera leo</i>	African lion	>70% meat group	Hypercarnivore	Inferred 98% biomass consumed is animal source	6
<i>Panthera onca</i>	Jaguar	>70% meat group	Hypercarnivore		13
<i>Panthera pardus</i>	Leopard	>70% meat group	Hypercarnivore		15
<i>Panthera tigris</i>	Tiger	>70% meat group	Hypercarnivore	More than 93% of diet is big mammals	15
<i>Panthera uncia</i>	Snow leopard	>70% meat group	Hypercarnivore	Inferred	3
<i>Pardofelis temminckii</i>	Asiatic golden cat	Not studied	Hypercarnivore	Inferred 96% biomass consumed is animal source	3 16
Viverridae					
<i>Arctictis binturong</i>	Binturong	<50% meat group	Hypocarnivore	Inferred	6
<i>Civettictis civetta</i>	African civet	50-70% meat group	Mesocarnivore	Inferred	17
Hyenidae					
<i>Crocuta crocuta</i>	Spotted hyena	>70% meat and bone	Hypercarnivore	Inferred	6, 18
<i>Hyaena hyaena</i>	Striped hyena	>70% meat and bone	Hypercarnivore	Inferred	3
<i>Parahyaena brunnea</i>	Brown hyena	>70% meat and bone	Hypercarnivore	Inferred	3, 19, 20, 37
<i>Proteles cristatus</i>	Aardwolf	Not studied	Hypercarnivore	Inferred	21
Herpestidae					
<i>Herpestes javanicus</i>	Mongoose	Not studied	Hypercarnivore	Inferred	22, 23
Mustelidae					
<i>Mustela putorius furo</i>	Domestic ferret	Not studied	Hypercarnivore	Inferred	24
<i>Mustela nigra</i>	Black-footed ferret	Not studied	Hypercarnivore	Inferred	8
Ailuridae					
<i>Ailurus fulgens</i>	Lesser (red) panda	Not studied	Hypocarnivore	Inferred	27
Procyonidae					
<i>Procyon lotor</i>	Raccoon	<50% meat group	Hypocarnivore	Inferred	25, 26
Ursidae					
<i>Ursus maritimus</i>	Polar bear	50-70% meat group	Mesocarnivore	Inferred	30, 31
<i>Ursus thibetanus</i>	Asiatic black bear	<50% meat group	Hypocarnivore	Inferred	28, 29
Canidae					
<i>Canis familiaris</i>	Domestic dog	Not studied	Mesocarnivore		38
<i>Canis rufus</i>	Red wolf	Not studied	Mesocarnivore	Inferred	3
<i>Chrysocyon brachyurus</i>	Maned wolf	50-70% meat group	Mesocarnivore	45.4% of diet is animal matter	32
<i>Vulpes vulpes</i>	Red fox	50-70% meat group	Mesocarnivore	Inferred	33
Otariidae					
<i>Arctocephalus forsteri</i>	Southern fur seal	Not studied	Hypercarnivore	Inferred	3
<i>Callorhinus ursinus</i>	Northern fur seal	Not studied	Hypercarnivore	Inferred	34
<i>Phocarcos hookeri</i>	New Zealand sea lion	Not studied	Hypercarnivore	Inferred	35
Phocidae					
<i>Mirounga angustirostris</i>	Northern elephant sea	Not studied	Hypercarnivore	Inferred	36
<i>Phoca vitulina</i>	Harbor seal	Not studied	Hypercarnivore	Inferred	3

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