

EDGE scores - Prioritising EDGE species

Using the list of 25 EDGE species below, plot each species on the graph provided, labelling each species (Species A has been done for you).

ED - the more evolutionarily distinct a species is, the higher the ED number.

GE - relates to the Red List categories, where LC = 0, NT = 1, VU = 2, EN = 3 and CR = 4.

A species with high ED and GE will have a high EDGE score, and it is the species with high EDGE scores that scientists at ZSL are focussing their conservation efforts on.

Once you have plotted your graph, decide the order you in which you would place these mammals for conservation priorities (1 = highest, 25 = lowest) and write in the "Conservation Rank" column below.

DEBATE - Did everyone rank their species the same? If not, why not?

Your teacher will then give you the official ZSL EDGE rank for each species.

Species	Common Name	Scientific Name	ED	GE	Conservation Rank	EDGE Rank
A	African Buffalo	<i>Syncerus caffer</i>	13.96	0		
B	Amazonian Manatee	<i>Trichechus inunguis</i>	47.7	2		
C	Aye-aye	<i>Daubentonia madagascariensis</i>	41.59	1		
D	Bactrian Camel	<i>Camelus ferus</i>	26.05	4		
E	Black-spotted Cuscus	<i>Spilocuscus rufoniger</i>	12.93	4		
F	Blue Whale,	<i>Balaenoptera musculus</i>	22.63	3		
G	Capped Langur,	<i>Trachypithecus pileatus</i>	1.976	2		
H	Chaco Grass Mouse	<i>Akodon toba</i>	1.264	0		
I	Decken's Horseshoe Bat	<i>Rhinolophus deckenii</i>	1.919	1		
J	Dugong, Sea Cow	<i>Dugong dugon</i>	58.47	2		
K	Eastern Long-beaked Echidna	<i>Zaglossus bartoni</i>	55.85	4		
L	European Brown Hare	<i>Lepus europaeus</i>	6.502	0		
M	Giant Armadillo	<i>Priodontes maximus</i>	26.44	2		
N	Koala	<i>Phascolarctos cinereus</i>	41.29	0		
O	Kha-nyou	<i>Laonastes aenigmamus</i>	44	3		
P	Lion, African Lion	<i>Panthera leo</i>	7.762	2		
Q	Philippine Flying Lemur	<i>Cynocephalus volans</i>	51.34	0		
R	Pygmy Hippopotamus	<i>Choeropsis liberiensis</i>	32.92	3		
S	Red Panda	<i>Ailurus fulgens</i>	39.2	2		
T	Red Slender Loris	<i>Loris tardigradus</i>	24.22	3		
U	Samoan Flying Fox	<i>Pteropus samoensis</i>	2.845	1		
V	Sangihe Tarsier	<i>Tarsius sangirensis</i>	18.89	3		
W	Smokey Bat	<i>Amorphochilus schnablii</i>	30.51	3		
X	Tiger	<i>Panthera tigris</i>	7.993	3		
Y	Wolverine	<i>Gulo gulo</i>	16.4	1		

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