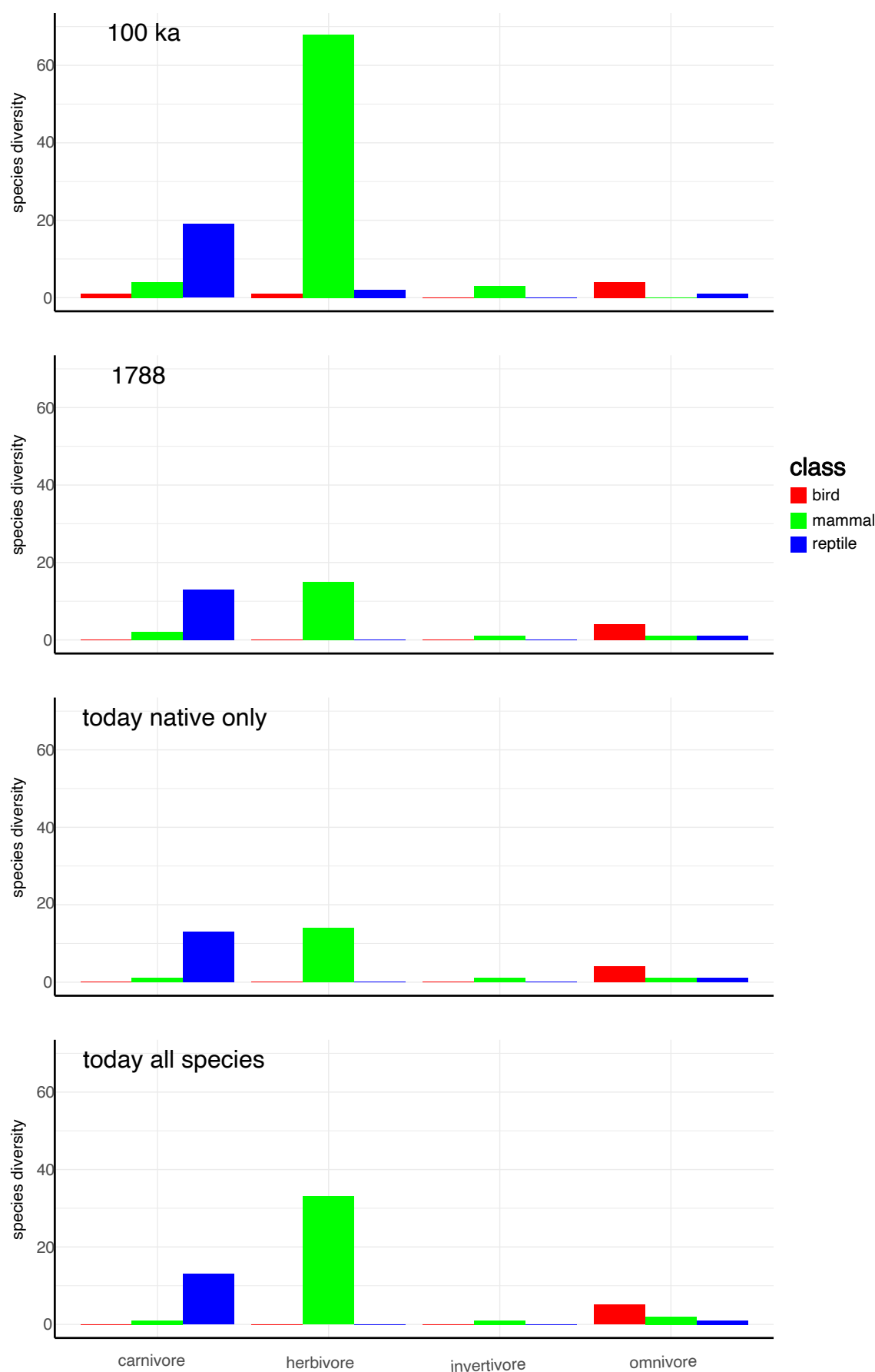


Supplementary Material (Figure S1 and Table S1)



**Figure S1.** Number of large-bodied (>10 kg) non-marine tetrapod species in Sahul, grouped by taxonomic class and trophic guild, at three times: 100 ka, 1788, and today (excluding and including introduced species).

**Table S1.** Species list.

<b>Binomial</b>	<b>IUCN status</b>	<b>Trophic group</b>	<b>taxon</b>	<b>100 ka</b>	<b>1788</b>	<b>today</b>
<i>Antilope cervicapra</i>	Least Concern	herbivore	mammal	absent	absent	present
<i>Axis axis</i>	Least Concern	herbivore	mammal	absent	absent	present
<i>Axis porcinus</i>	Endangered	herbivore	mammal	absent	absent	present
<i>Bos javanicus</i>	Endangered	herbivore	mammal	absent	absent	present
<i>Bos taurus</i>	Domestic	herbivore	mammal	absent	absent	present
<i>Bubalus bubalis</i>	Domestic	herbivore	mammal	absent	absent	present
<i>Camelus dromedarius</i>	Domestic	herbivore	mammal	absent	absent	present
<i>Canis familiaris</i>	Near Threatened	carnivore	mammal	absent	present	present
<i>Capra hircus</i>	Domestic	herbivore	mammal	absent	absent	present
<i>Cervus elaphus</i>	Least Concern	herbivore	mammal	absent	absent	present
<i>Cervus nippon</i>	Least Concern	herbivore	mammal	absent	absent	present
<i>Cervus timorensis</i>	Vulnerable	herbivore	mammal	absent	absent	present
<i>Cervus unicolor</i>	Vulnerable	herbivore	mammal	absent	absent	present
<i>Dama dama</i>	Least Concern	herbivore	mammal	absent	absent	present
<i>Equus asinus</i>	Domestic	herbivore	mammal	absent	absent	present
<i>Equus caballus</i>	Domestic	herbivore	mammal	absent	absent	present
<i>Lasiorhinus krefftii</i>	Critically Endangered	herbivore	mammal	present	present	present
<i>Lasiorhinus latifrons</i>	Near Threatened	herbivore	mammal	present	present	present
<i>Macropus fuliginosus</i>	Least Concern	herbivore	mammal	present	present	present
<i>Macropus giganteus</i>	Least Concern	herbivore	mammal	present	present	present
<i>Notamacropus agilis</i>	Least Concern	herbivore	mammal	present	present	present
<i>Notamacropus dorsalis</i>	Least Concern	herbivore	mammal	present	present	present
<i>Notamacropus greyi</i>	Extinct since 1788	herbivore	mammal	present	present	absent
<i>Notamacropus parryi</i>	Least Concern	herbivore	mammal	present	present	present
<i>Notamacropus rufogriseus</i>	Least Concern	herbivore	mammal	present	present	present
<i>Odocoileus virginianus</i>	Least Concern	herbivore	mammal	absent	absent	present

<i>Osphranter antilopinus</i>	Least Concern	herbivore	mammal	present	present	present
<i>Osphranter bernardus</i>	Near Threatened	herbivore	mammal	present	present	present
<i>Osphranter robustus</i>	Least Concern	herbivore	mammal	present	present	present
<i>Osphranter rufus</i>	Least Concern	herbivore	mammal	present	present	present
<i>Ovis aries</i>	Domestic	herbivore	mammal	absent	absent	present
<i>Rupicapra rupicapra</i>	Least Concern	herbivore	mammal	absent	absent	present
<i>Sus scrofa</i>	Least Concern	omnivore	mammal	absent	absent	present
<i>Thylacinus cynocephalus</i>	Extinct since 1788	carnivore	mammal	present	present	absent
<i>Vicugna pacos</i>	Domestic	herbivore	mammal	absent	absent	present
<i>Vombatus ursinus</i>	Least Concern	herbivore	mammal	present	present	present
<i>Wallabia bicolor</i>	Least Concern	herbivore	mammal	present	present	present
<i>Zaglossus bruijini</i>	Critically Endangered	invertivore	mammal	present	present	present
<i>Procoptodon goliah</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Phascolonus gigas</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Macropus ferragus</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Macropus pearsoni</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Simosthenurus pales</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Sthenurus atlas</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Sthenurus stirlingi</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Protemnodon anak</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Protemnodon brehus</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Protemnodon roechus</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Sthenurus oreas</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Sthenurus tindalei</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Ramsayia magna</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Procoptodon pusio</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Sthenurus orientalis</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Protemnodon hopei</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Protemnodon tumbuna</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent

<i>Simosthenurus maddocki</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Simosthenurus occidentalis</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Sthenurus andersoni</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Lasiorhinus angustidens</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Nombe nombe</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Bohra paulae</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Macropus thor</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Sthenurus gilli</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Vombatus hacketti</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Procoptodon rapha</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Warendja wakefieldi</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Sarcophilus lanarius</i>	Extinct Late Pleistocene	carnivore	mammal	present	absent	absent
<i>Diprotodon optatum</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Hulitherium tomasettii</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Maokopia ronaldi</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Zygomaturus trilobus</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Propleopus oscillans</i>	Extinct Late Pleistocene	carnivore	mammal	present	absent	absent
<i>Congruus congruus</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Congruus kitcheneri</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Dendrolagus noibano</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Macropus rama</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Macropus titan</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Macropus wombeyensis</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Metasthenurus newtonae</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Osphranter cooperi</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Procoptodon browneorum</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Procoptodon gilli</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Procoptodon oreas</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Procoptodon williamsi</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent

<i>Protemnodon otibandus</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Simosthenurus baileyi</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Sthenurus pales</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Troposodon minor</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Wallabia vishnu</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Palorchestes azeal</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Phascolarctos stirtoni</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Megalibgwilia ramsayi</i>	Extinct Late Pleistocene	invertivore	mammal	present	absent	absent
<i>Murrayglossus hacketti</i>	Extinct Late Pleistocene	invertivore	mammal	present	absent	absent
<i>Thylacoleo carnifex</i>	Extinct Late Pleistocene	carnivore	mammal	present	absent	absent
<i>Sedophascolomys medius</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Vombatus mitchelli</i>	Extinct Late Pleistocene	herbivore	mammal	present	absent	absent
<i>Crocodylus porosus</i>	Least Concern	carnivore	reptile	present	present	present
<i>Crocodylus johnstoni</i>	Least Concern	carnivore	reptile	present	present	present
<i>Paludirex gracilis</i>	Extinct Late Pleistocene	carnivore	reptile	present	absent	absent
<i>Paludirex vincenti</i>	Extinct Late Pleistocene	carnivore	reptile	present	absent	absent
<i>Quinkana fortirostrum</i>	Extinct Late Pleistocene	carnivore	reptile	present	absent	absent
<i>Crocodylus novaeguineae</i>	Least Concern	carnivore	reptile	present	present	present
<i>Crocodylus halli</i>	Not Assessed	carnivore	reptile	present	present	present
<i>Meiolania platyceph</i>	Extinct Late Pleistocene	herbivore	reptile	present	absent	absent
<i>Ninjemys oweni</i>	Extinct Late Pleistocene	herbivore	reptile	present	absent	absent
<i>Wonambi naracoortensis</i>	Extinct Late Pleistocene	carnivore	reptile	present	absent	absent
<i>Simalia amethystina</i>	Least Concern	carnivore	reptile	present	present	present
<i>Simalia kinghorni</i>	Least Concern	carnivore	reptile	present	present	present
<i>Apodora papuana</i>	Least Concern	carnivore	reptile	present	present	present
<i>Liasis olivaceus</i>	Least Concern	carnivore	reptile	present	present	present
<i>Simalia oenpelliensis</i>	Vulnerable	carnivore	reptile	present	present	present
<i>Morelia spilota</i>	Least Concern	carnivore	reptile	present	present	present
<i>Simalia boeleni</i>	Data Deficient	carnivore	reptile	present	present	present

<i>Varanus priscus</i>	Extinct Late Pleistocene	carnivore	reptile	present	absent	absent
<i>Varanus sp. Nov.</i>	Extinct Late Pleistocene	carnivore	reptile	present	absent	absent
<i>Varanus giganteus</i>	Least Concern	carnivore	reptile	present	present	present
<i>Varanus varius</i>	Least Concern	carnivore	reptile	present	present	present
<i>Carettochelys insculpta</i>	Endangered	omnivore	reptile	present	present	present
<i>Genyornis newtoni</i>	Extinct Late Pleistocene	herbivore	bird	present	absent	absent
<i>Dromaius novaehollandiae</i>	Least Concern	omnivore	bird	present	present	present
<i>Casuarius casuarius</i>	Least Concern	omnivore	bird	present	present	present
<i>Casuarius bennetti</i>	Least Concern	omnivore	bird	present	present	present
<i>Casuarius unappendiculatus</i>	Least Concern	omnivore	bird	present	present	present
<i>Dynatoaetus gaffae</i>	Extinct Late Pleistocene	carnivore	bird	present	absent	absent
<i>Cygnus olor</i>	Least Concern	omnivore	bird	absent	absent	present
<i>Homo sapiens</i>	Least Concern	omnivore	mammal	absent	present	present