



FIGURE S1. Overlapping definitions of 'invasive species' in their broader, often social, context. (by C. Kull)

Table S1. Summary of native, introduced, and invasive introduced species in Madagascar. Based on Kull et al. (2012), Goodman and Benstead (2003), sources therein, and additional sources noted below. Note that this table does not include native species that are invasive, and that it lists as invasive any species deemed so in a publication or scientist's or manager's opinion following any definition.

Class	No. of native species	No. of introduced species	No. of introduced species considered invasive	Examples of introduced species
Land mammals	101	14	(Feral populations exist of most introduced mammals. The term 'invasive' is not typically used)	Black rat (<i>Rattus rattus</i>), Sewer rat (<i>Rattus norvegicus</i>), House mouse (<i>Mus musculus</i>), Asian musk shrew (<i>Suncus murinus</i>), Fallow deer (<i>Dama dama</i>), Timor deer (<i>Cervus timorensis</i>), Bush pig (<i>Potamochoerus larvatus</i>), Cat (<i>Felis sylvestriscatus</i>), Dog (<i>Canis lupus</i>), Indian civet (<i>Viverricula indica</i>), Zebu (<i>Bos indicus</i>)
Reptiles	346	between 3 and 12 [a]	(Feral populations exist; the term 'invasive' is not typically used)	Bluetail day gecko (<i>Phelsuma cepedianana</i>), Comoran skink (<i>Mabuya comorensis</i>).
Amphibians	at least 230	3	2 (Indian bullfrog 'range is expanding' according to IUCN redlist; Asian common toad see text)	Indian bullfrog (<i>Hoplobatrachus tigerinus</i>), Mascarene grass frog (<i>Ptychadena mascareniensis</i>), Asian common toad (<i>Duttaphrynus melanostictus</i>)
Birds	278	11 (at least 8 domestic)	(Feral populations exist for <i>Numida meleagris</i> , <i>Acridotheres tristis</i> and <i>Passer domesticus</i>)	Chicken (<i>Gallus gallus</i>), Guinea fowl (<i>Numida meleagris</i>), Zebra dove (<i>Geopelia striata</i>), Common mynah (<i>Acridotheres tristis</i>), House sparrow (<i>Passer domesticus</i>), Common waxbill (<i>Estrilda astrild</i>)
Freshwater fish	143	circa 24	Many including snakehead [b]	Tilapia (<i>Oreochromis niloticus</i>), Swordtails/platyfish (<i>Xiphophorus</i> spp.); Snakehead or 'fibata' (<i>Channa maculata</i>)
Invertebrates	?	?	?	Scale insect (<i>Dactylopius</i>); several ants (<i>Technomyrmex albipes</i> , <i>Pheidole megacephala</i> , <i>Solenopsis geminata</i> , (Irwin et al. 2010; Rakotonirina 2010); marbled crayfish (<i>Procambarus</i> 'Marmor Krebs') (Jones et al. 2009)
Vascular plants	at least 11,220 [c]	ca. 1,200	105	Strawberry guava (<i>Psidium cattleianum</i>), Silver wattle (<i>Acacia dealbata</i>), Lantana (<i>Lantana camara</i>), Water hyacinth (<i>Eichhornia crassipes</i>), Prickly pear (<i>Opuntia</i> spp.), Goatweed (<i>Ageratum conyzoides</i>)

[a] Introduced status for several species is uncertain: Bell's hinged tortoise (*Kinixys belliana*) may have been introduced 1000-1500 years ago by African migrants; crocodiles (*Crocodylus niloticus*) may be natural colonization by rafting (Raselimanana and Vences 2003).

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[b] Rheintal and Stiasny (1991); Irwin et al. (2010). Note that the former article does not use term 'invasive' but does strongly emphasize the coincidence of 'exotic' species with dramatic declines in native species. For snakehead see sources cited later in text.

[c] Callmander et al. (2011)