Spatial distribution of terrestrial vertebrates

- 6,933 amphibians (IUCN)
- 10,361 birds (Birdlife)
- 5,786 mammals (IUCN)
- 10,064 reptiles (GARD)

Attribute an endemic insular status to each species Takes 0 if species range crosses mainland; 1 if not

Ecological traits

- Habitat breath (HB)
- Body size (BS)
- Foraging niche (FN)
- Activity period (AP)
- Main diet (MD)
- Reproductive mode (RM)

Species list

With insularity information

IUCN Red List summary

Extinction risk category

Associated threats

Traits with missing values

- 14% for amphibians
- 0% for birds
- 7% for mammals
- 15% for reptiles

10 eigenvectors from 1,000 phylogenetic trees

Median value of

imputed' datasets

Complete trait datasets 6,492 amphibians

- 9,168 birds
- *5,505 mammals*
- 4,901 lizards

Select endemic

insular species

				•		
Insular species	НВ	BS	FN	AP	MD	RM
1,423 amphibians	Х	Х	Х			Х
2,020 birds	х	Х	Х	Х	Х	
1,151 mammals	х	Х	Х	Х	Х	
1,421 lizards	Х	Х	Х	Х		Х

Species removed from the study

Species not matching trait databases or **IUCN** summary; Non-lizard reptiles

Species with incomplete traits not in phylogeny; Species with less than two traits informed

Species occurring on mainland