



# Red panda feeding survey preliminary results



M. Clauss, J. Weerman

EAZA Red Panda TAG 2023



**University of  
Zurich**<sup>UZH</sup>



**Clinic**  
of Zoo Animals, Exotic Pets and Wildlife







## EAZA Best Practice Guidelines

RED PANDA (*AILURUS FULGENS*)



Drawing copied from Proceedings of the Zoological Society of London, 1869.

### Contact information

Janno Weerman, Rotterdam Zoo

### Name of the TAG

Small Carnivore TAG

### TAG Chair

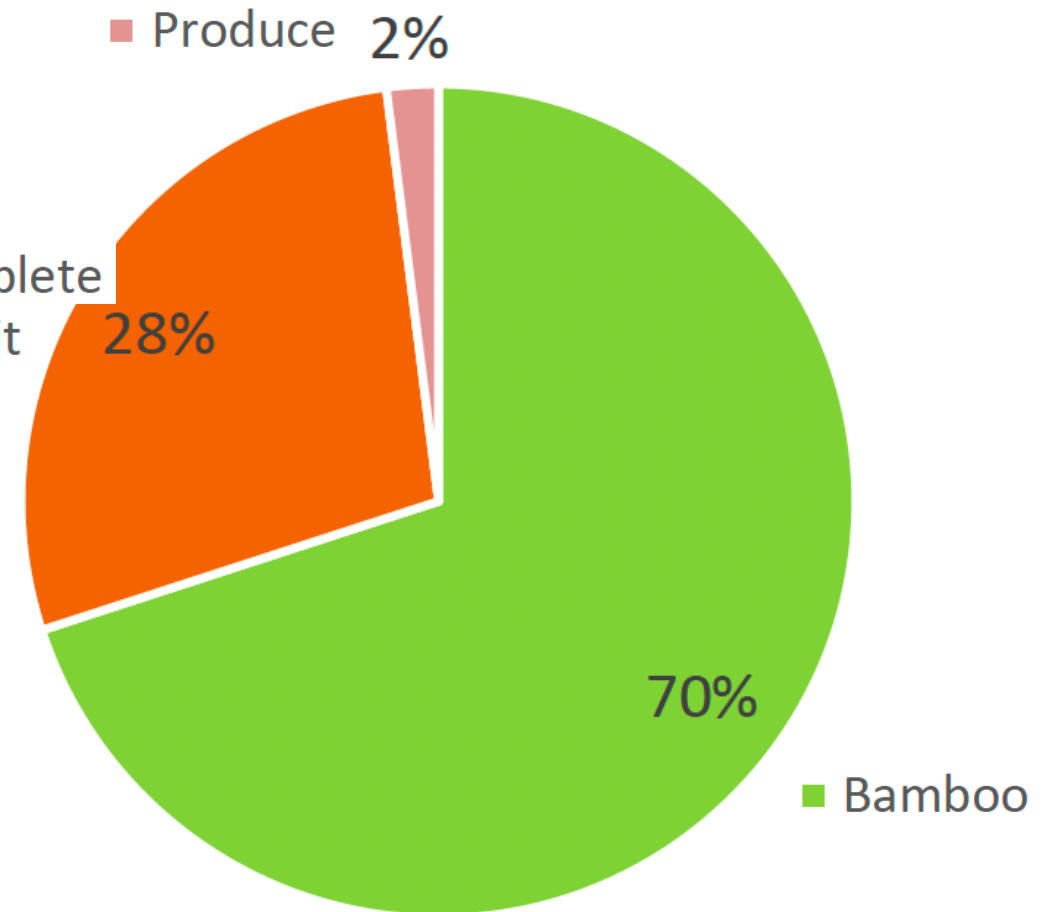
Aude Haelewyn-Desmoulins, Zoo Parc de Reynou

### Edition

2<sup>nd</sup> Edition, March 2021



## Recommended Red Panda Diet Ratio (%)

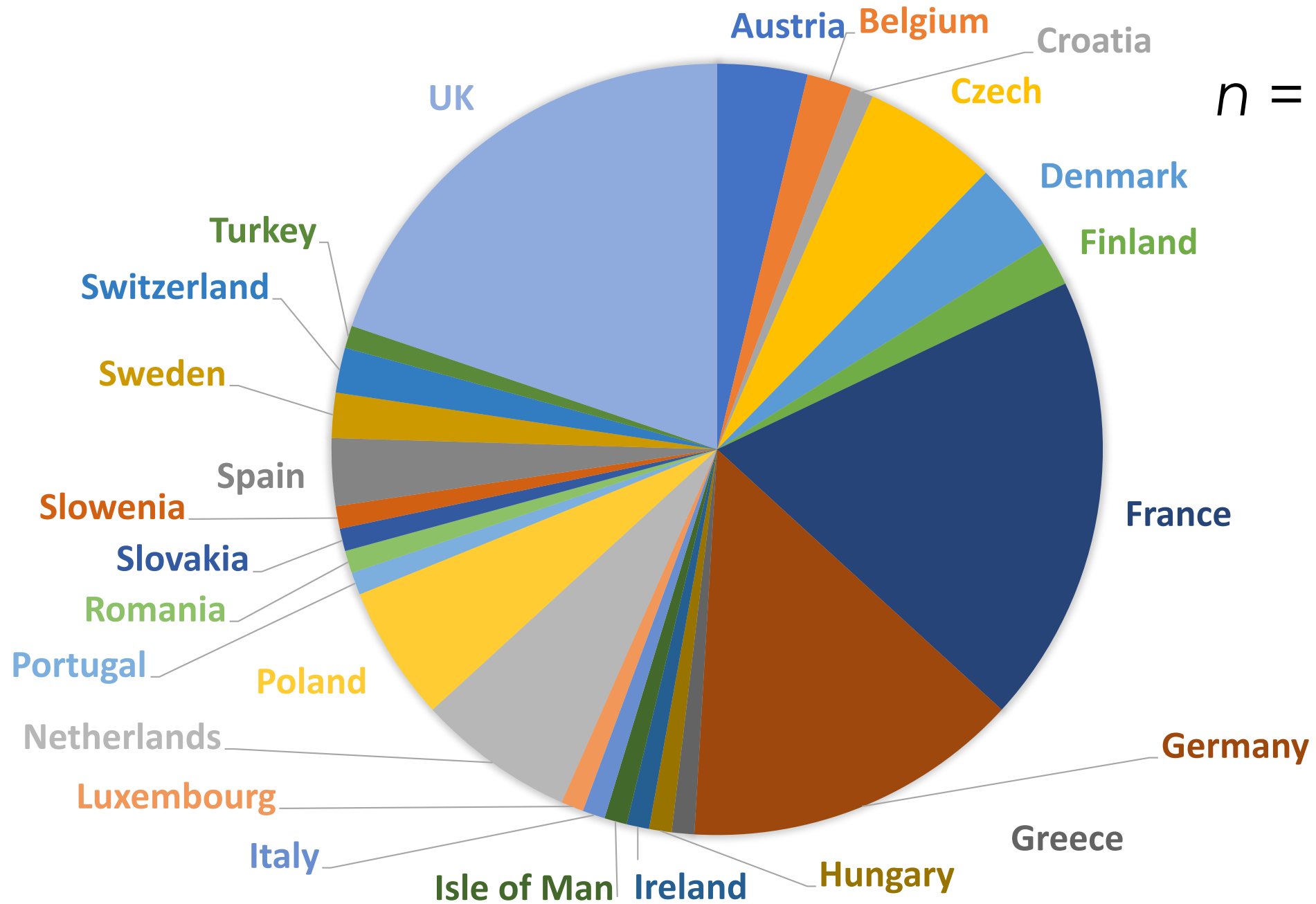




*Journal of Zoo and Wildlife Medicine* 33(3): 263–271, 2002  
Copyright 2002 by American Association of Zoo Veterinarians

# **HYPEROSTOTIC BONE DISEASE IN RED PANDAS** **(*AILURUS FULGENS*)**

**Michael Lynch, B.V.Sc., M.V.S., Helen McCracken, B.V.Sc., M.V.S., and  
Ronald Slocombe, B.V.Sc., Ph.D.**

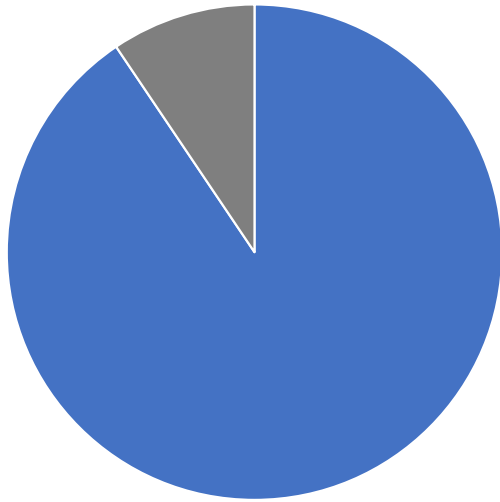


$n = 106$  zoos

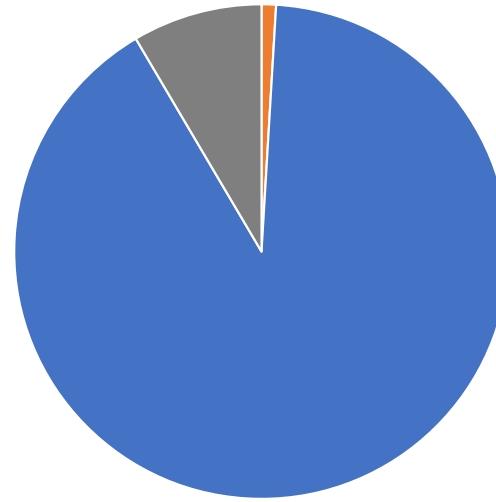


# Health issues: few signs of vitamin D oversupplementation

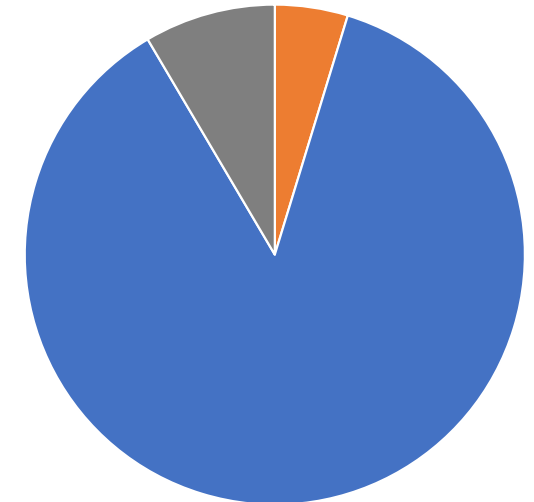
Vit D intoxication



Skeletal calcification



Tissue calcification

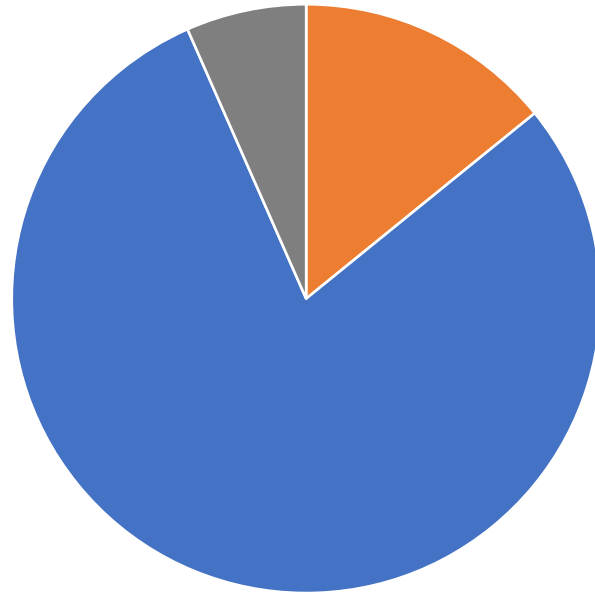


■ frequent ■ rarely ■ never ■ no answer

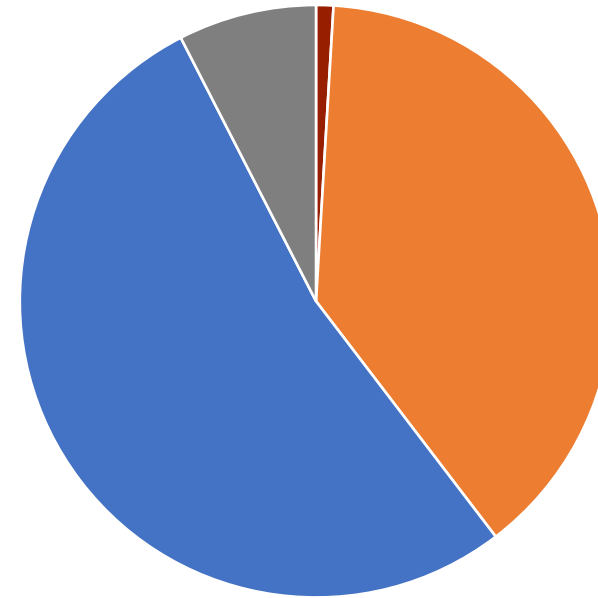


# Health issues: faeces

Constipation



Diarrhoea

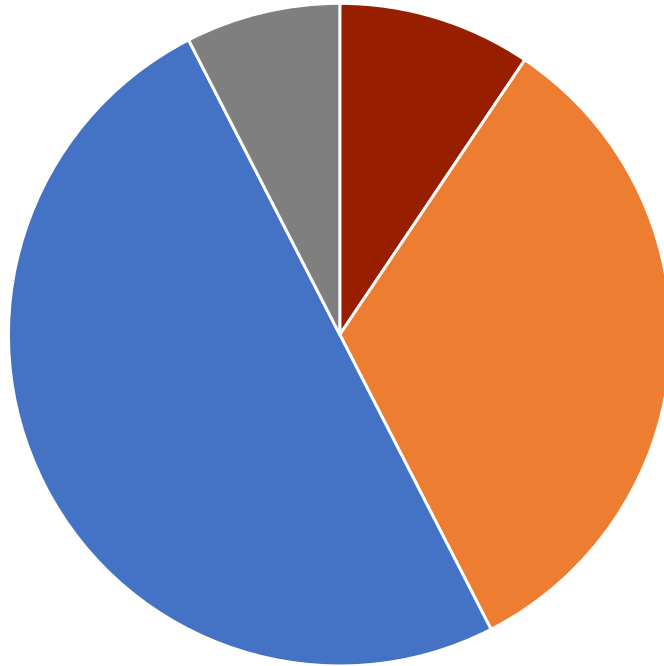


■ frequent ■ rarely ■ never ■ no answer

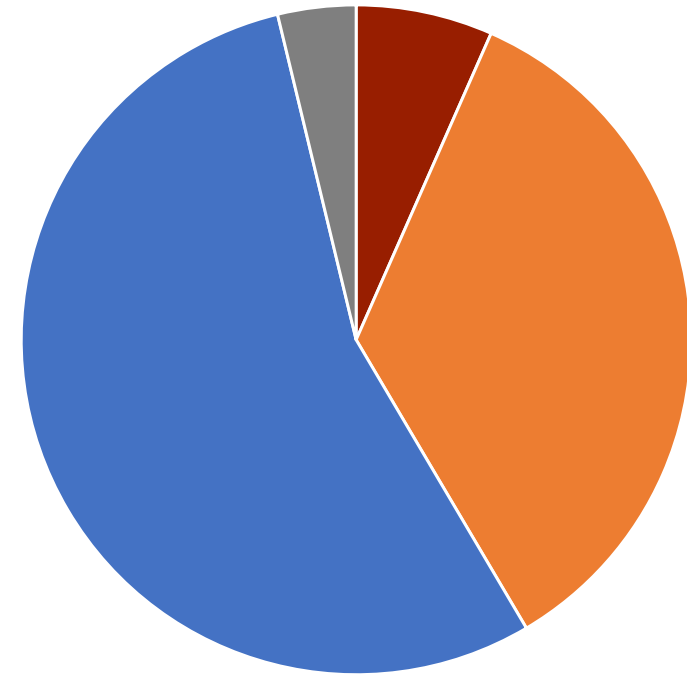


# Health issues: skin and teeth

Skin problems



Dental

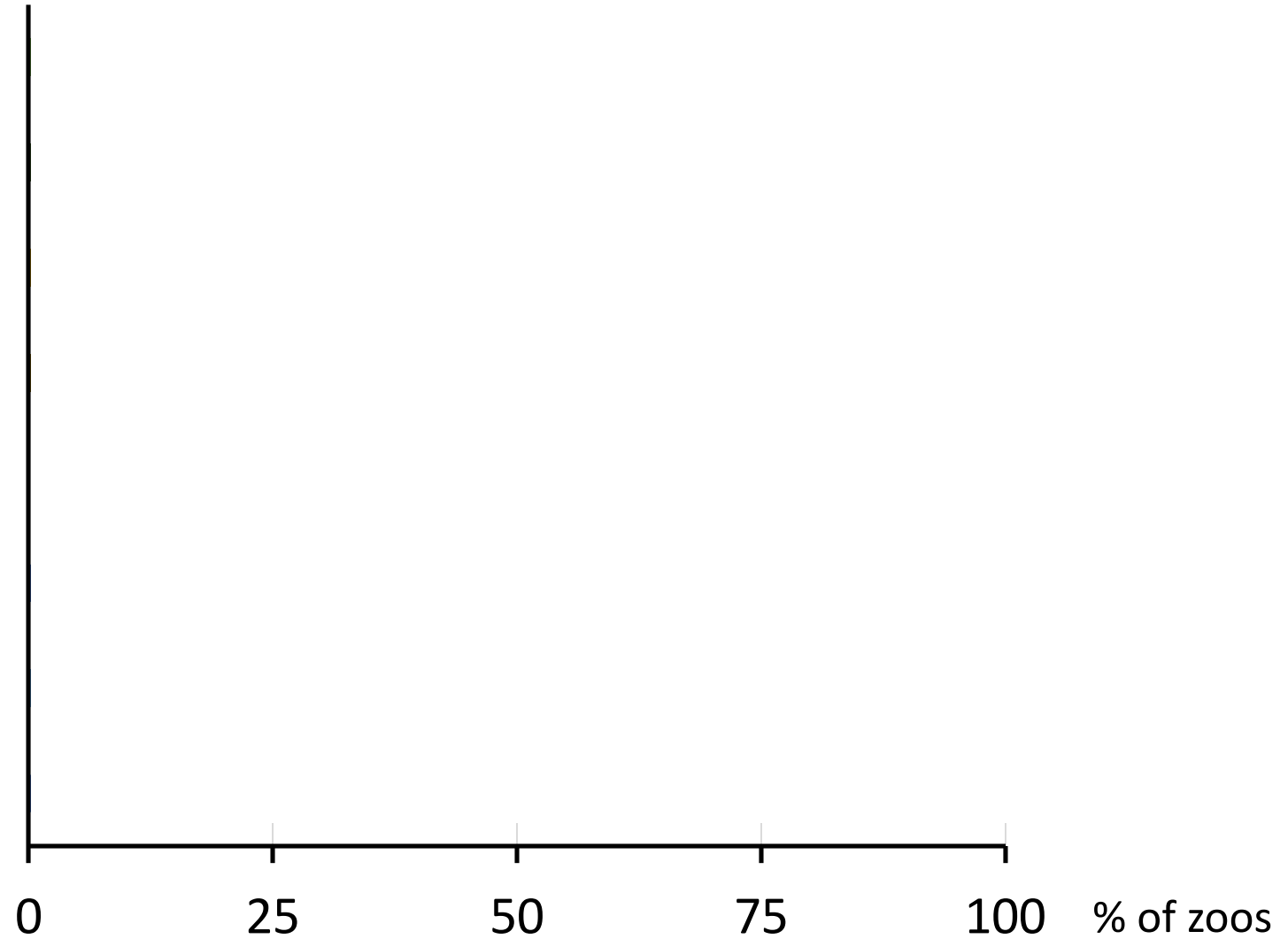


■ frequent ■ rarely ■ never ■ no answer



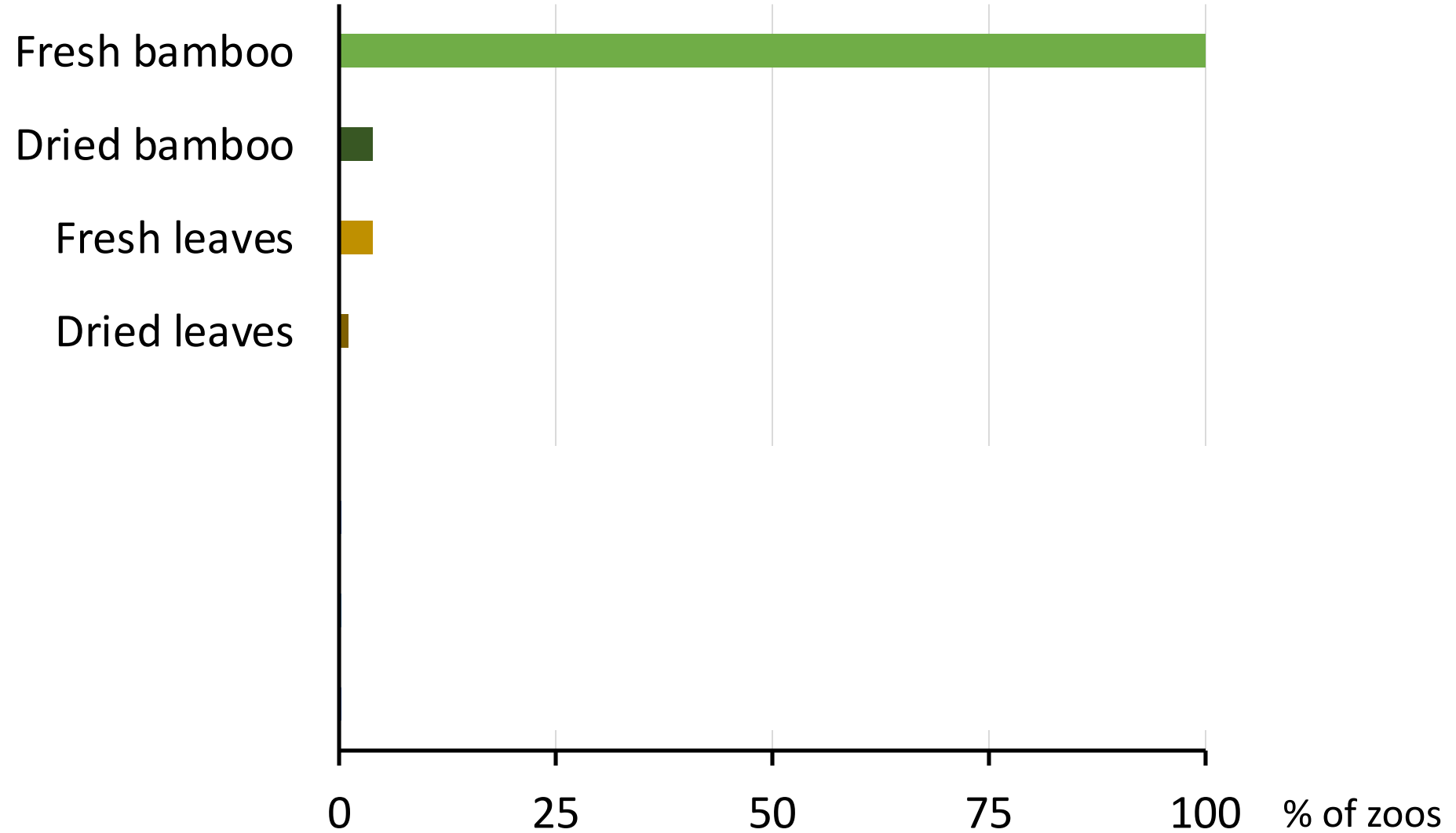


# Which items are used ?



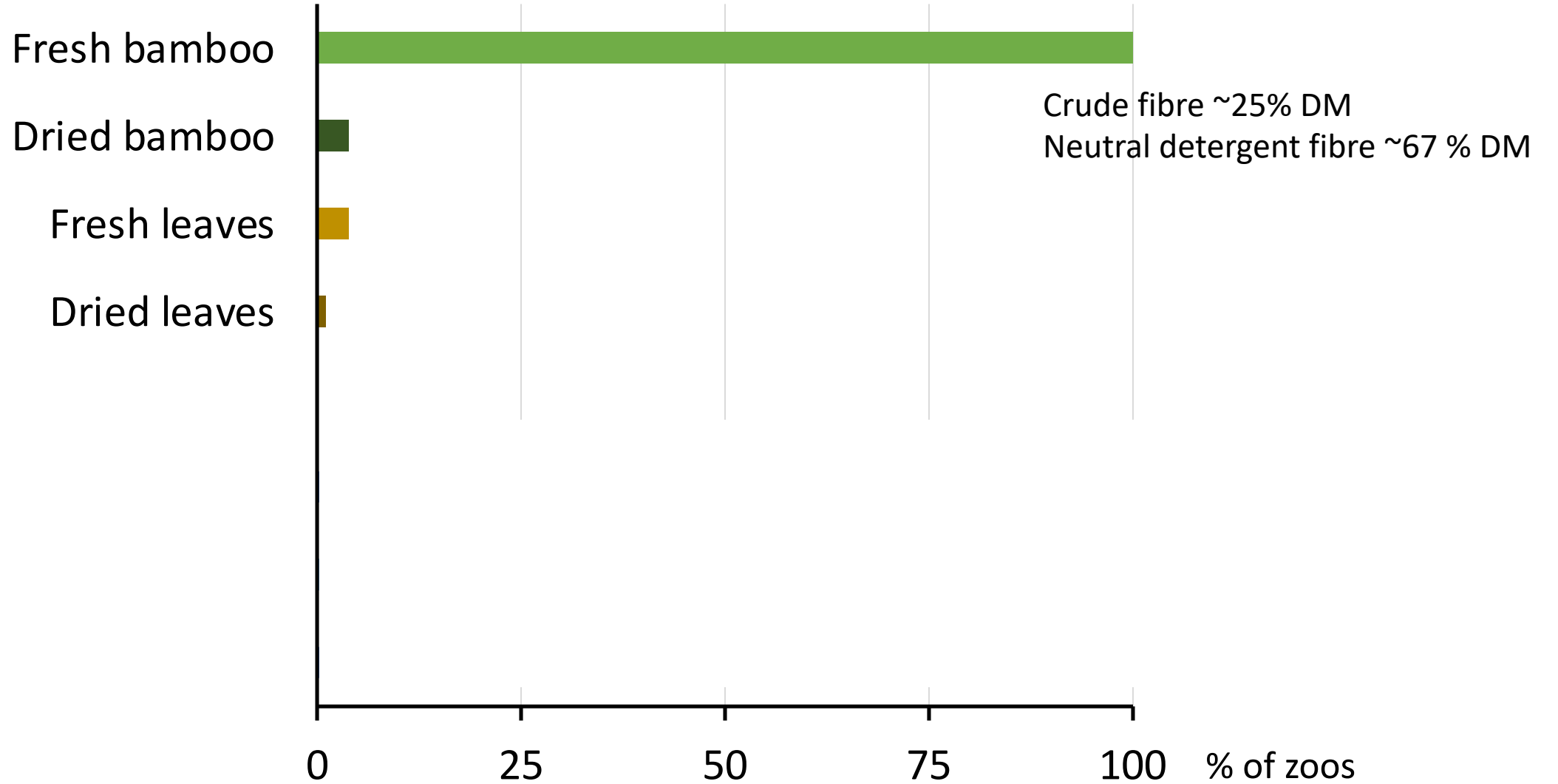


# Forage



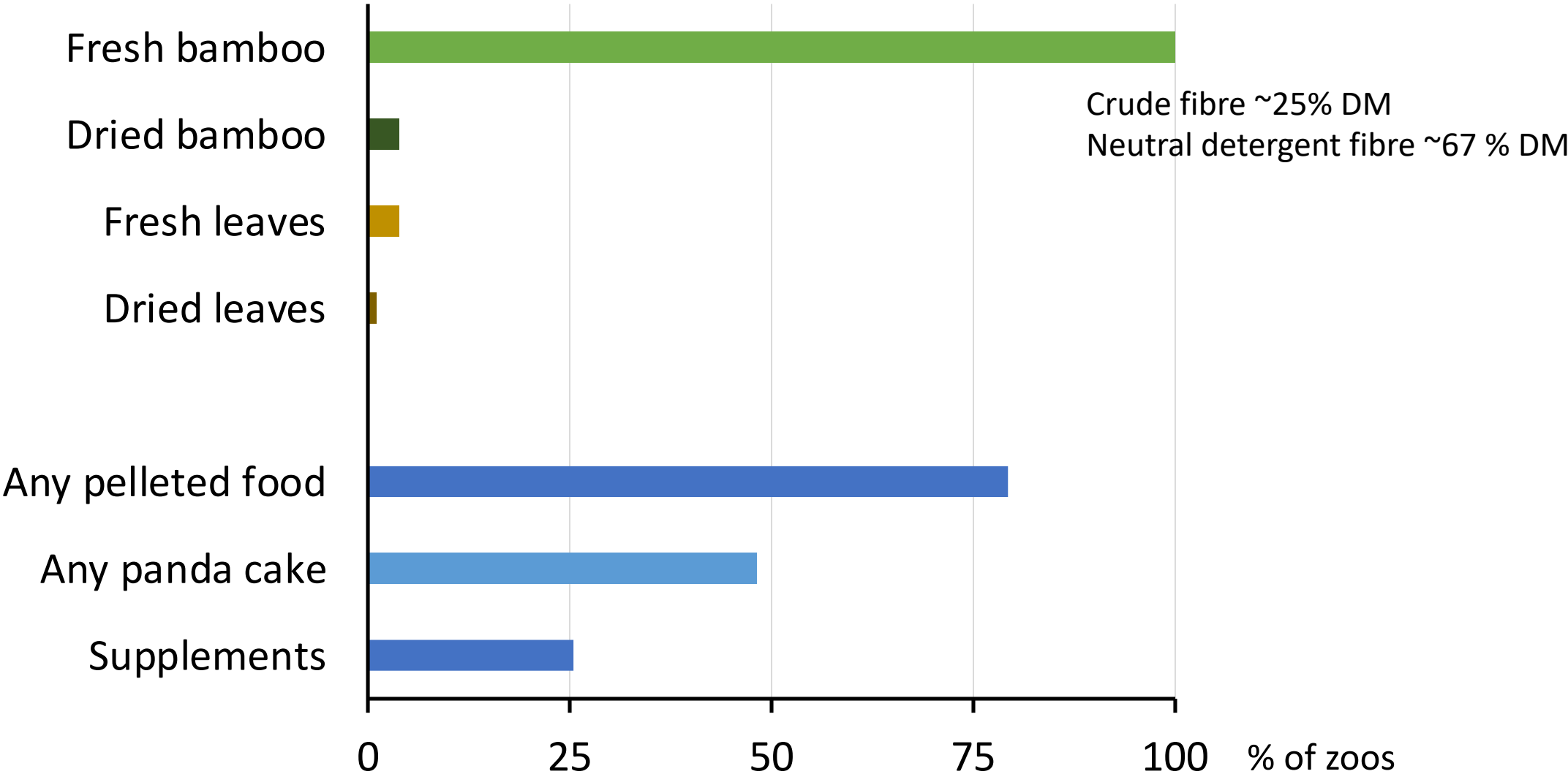


# Forage





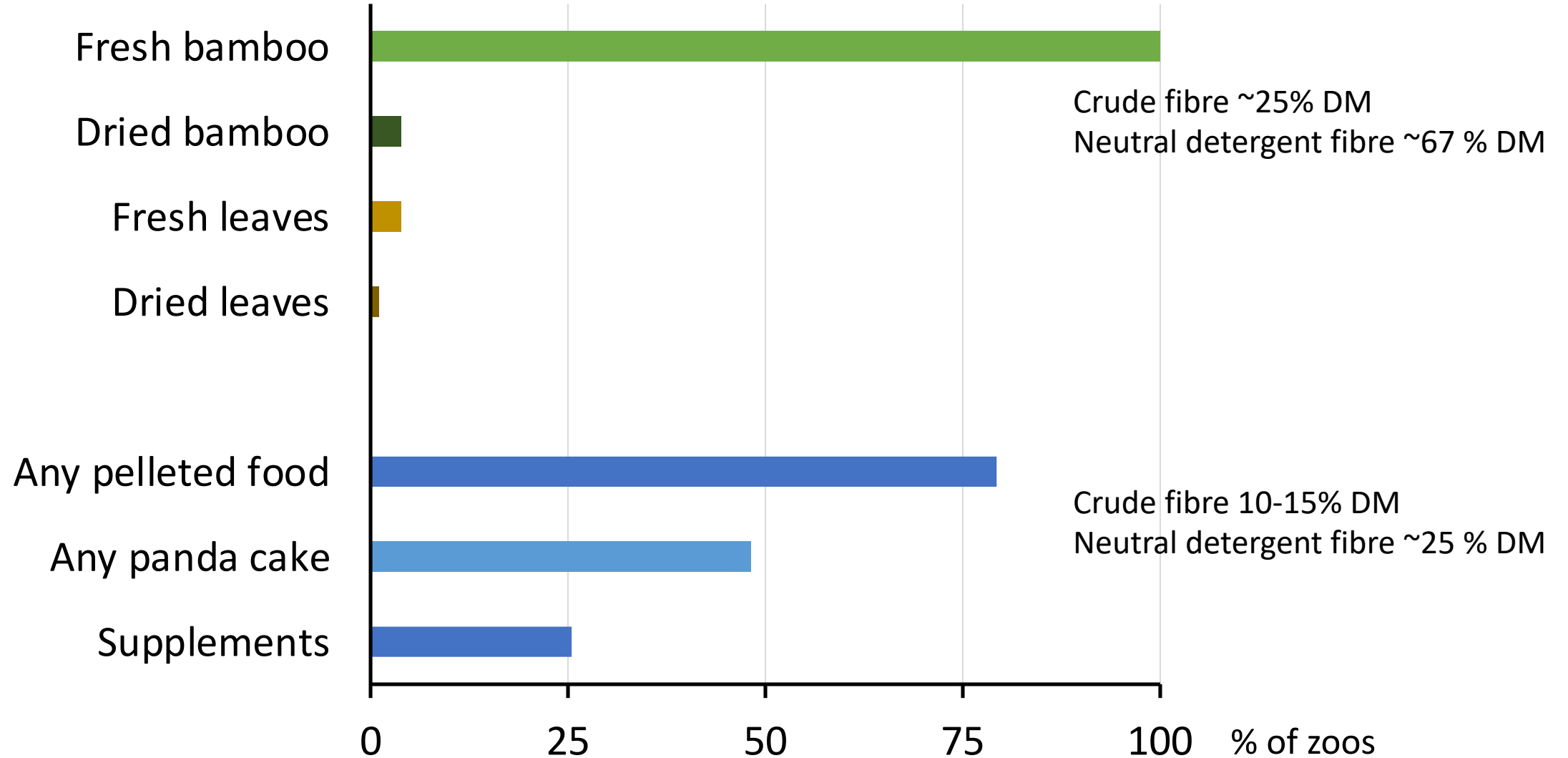
# Forage and extrudates/cake





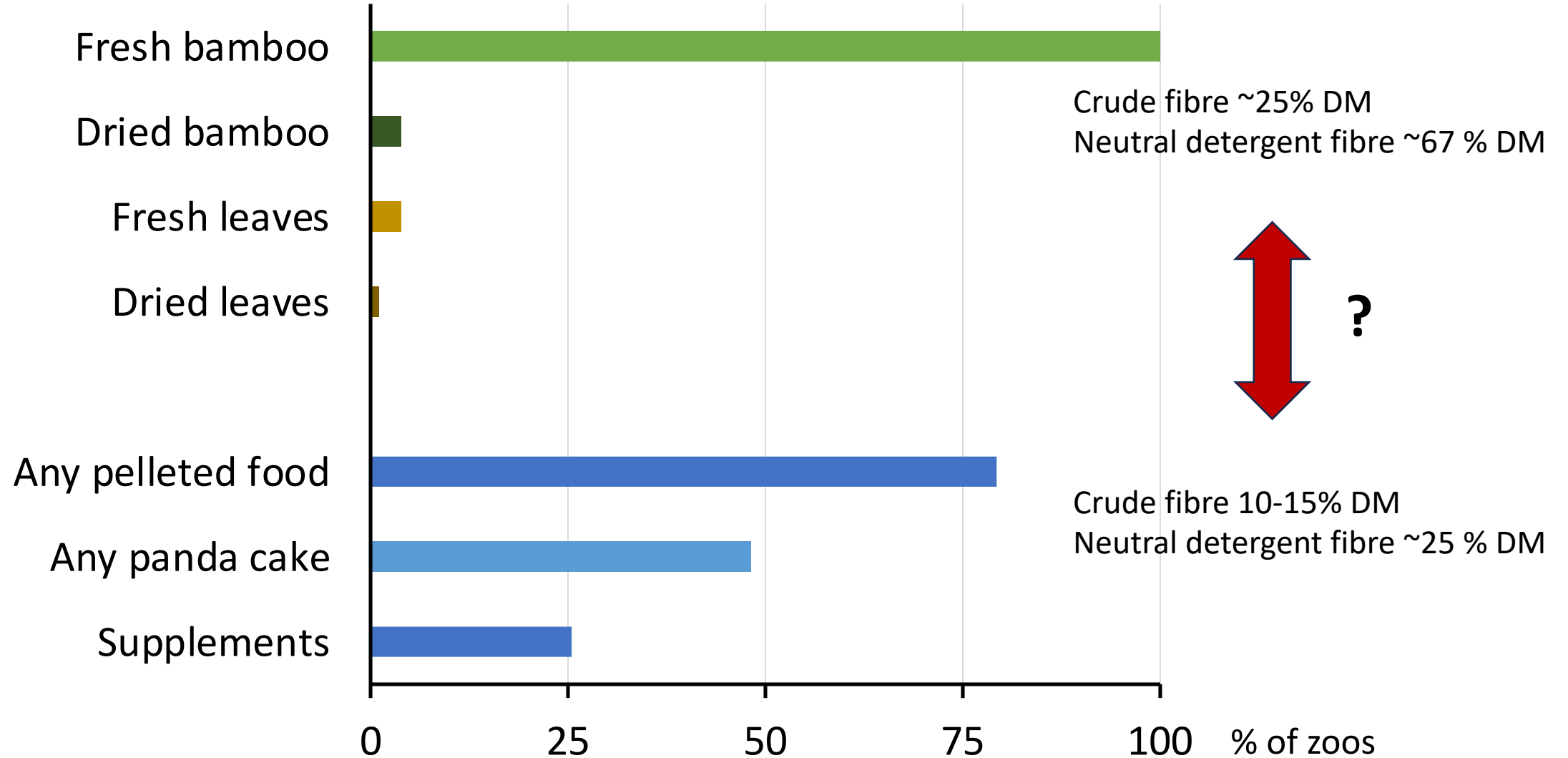


# Forage and extrudates/cake





# Forage and extrudates/cake





# Mazuri Zoo Foods

## Analytical Constituents / Constituant anaylitiques

Crude Fat / matières grasses brutes 7.56%  
Crude Protein/Protéine 19.27%  
Crude Fibre/Fibre 9.72%  
Crude Ash/matières grasses brutes 6.60%

**Composition:** Oats, Grass, Wholemeal  
Breadcrumbs, Dried Egg, Wheat Feed, Wheat,  
Poultry Meal, Milk Powder, Maize, Dextrose

## HIGH FIBRE RED PANDA

### 825526

Batch number:

41532

NET WEIGHT FOR EACH  
INDIVIDUAL PACK:

12.5 KG

PACKS

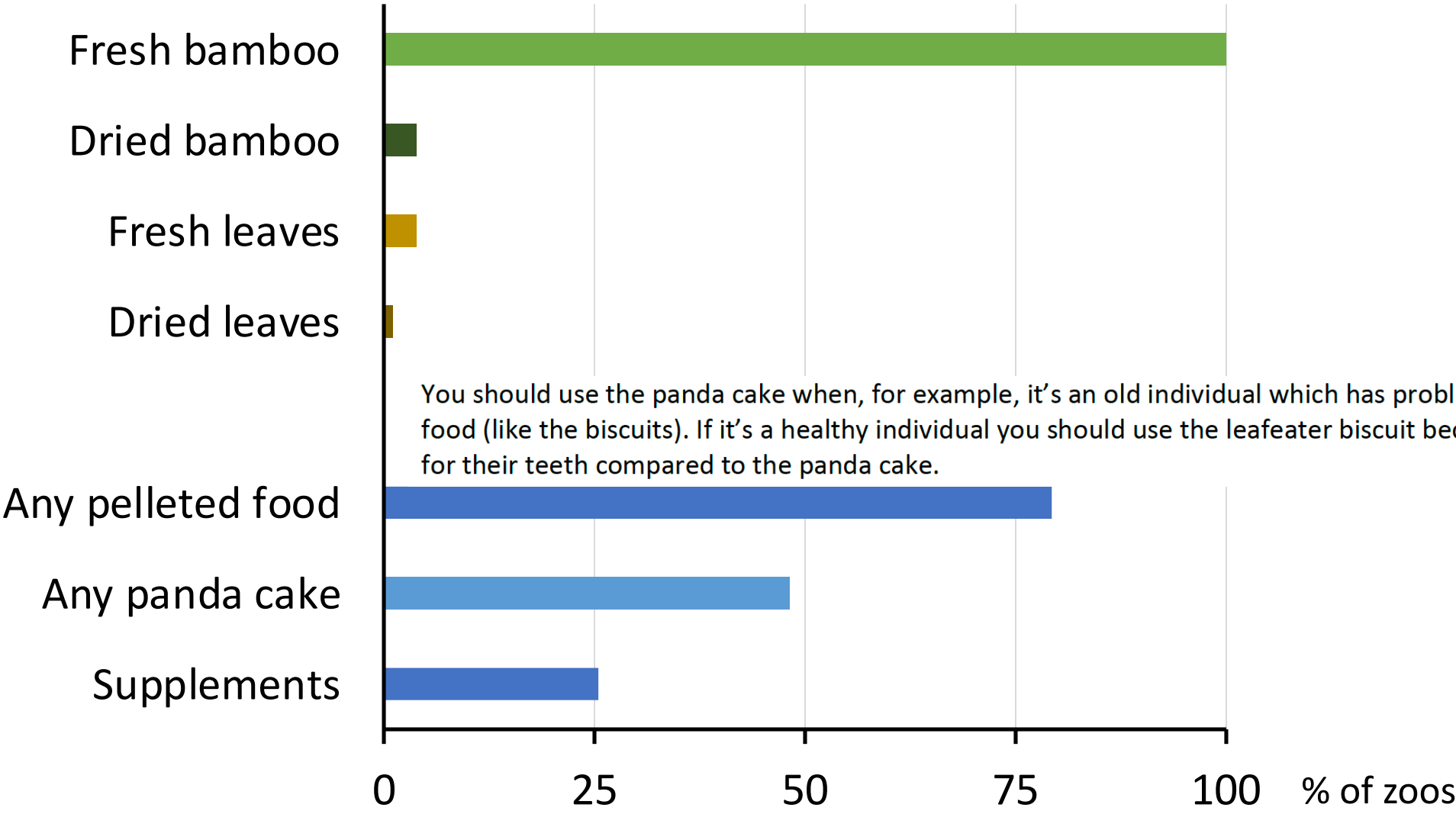
## Suitable Species

A complementary feed  
similar species./ Alim  
panda roux et espèce

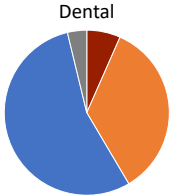
Mazuri Zoo Foods,



# Forage and extrudates/cake



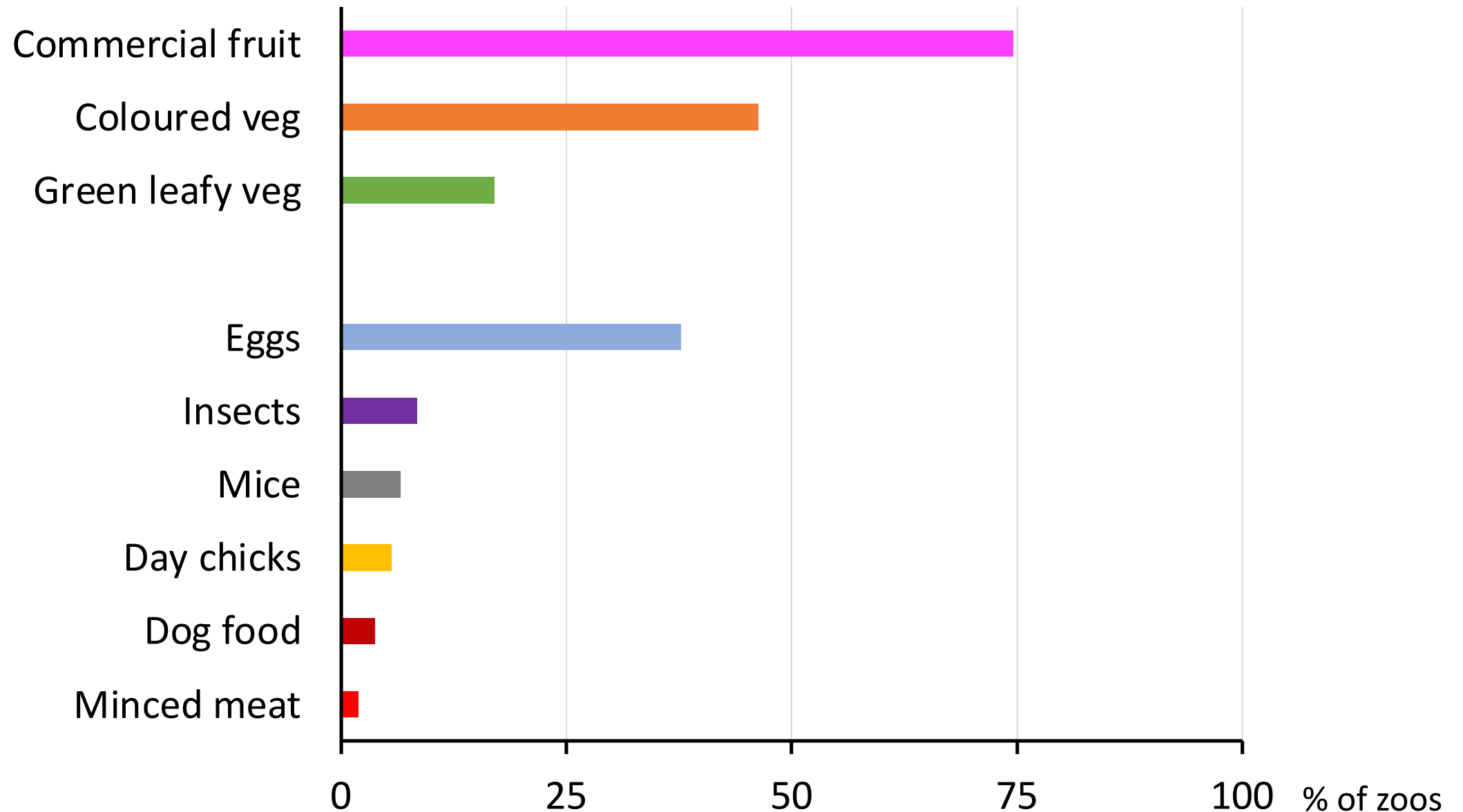
You should use the panda cake when, for example, it's an old individual which has problems eating hard food (like the biscuits). If it's a healthy individual you should use the leafeater biscuit because it's better for their teeth compared to the panda cake.





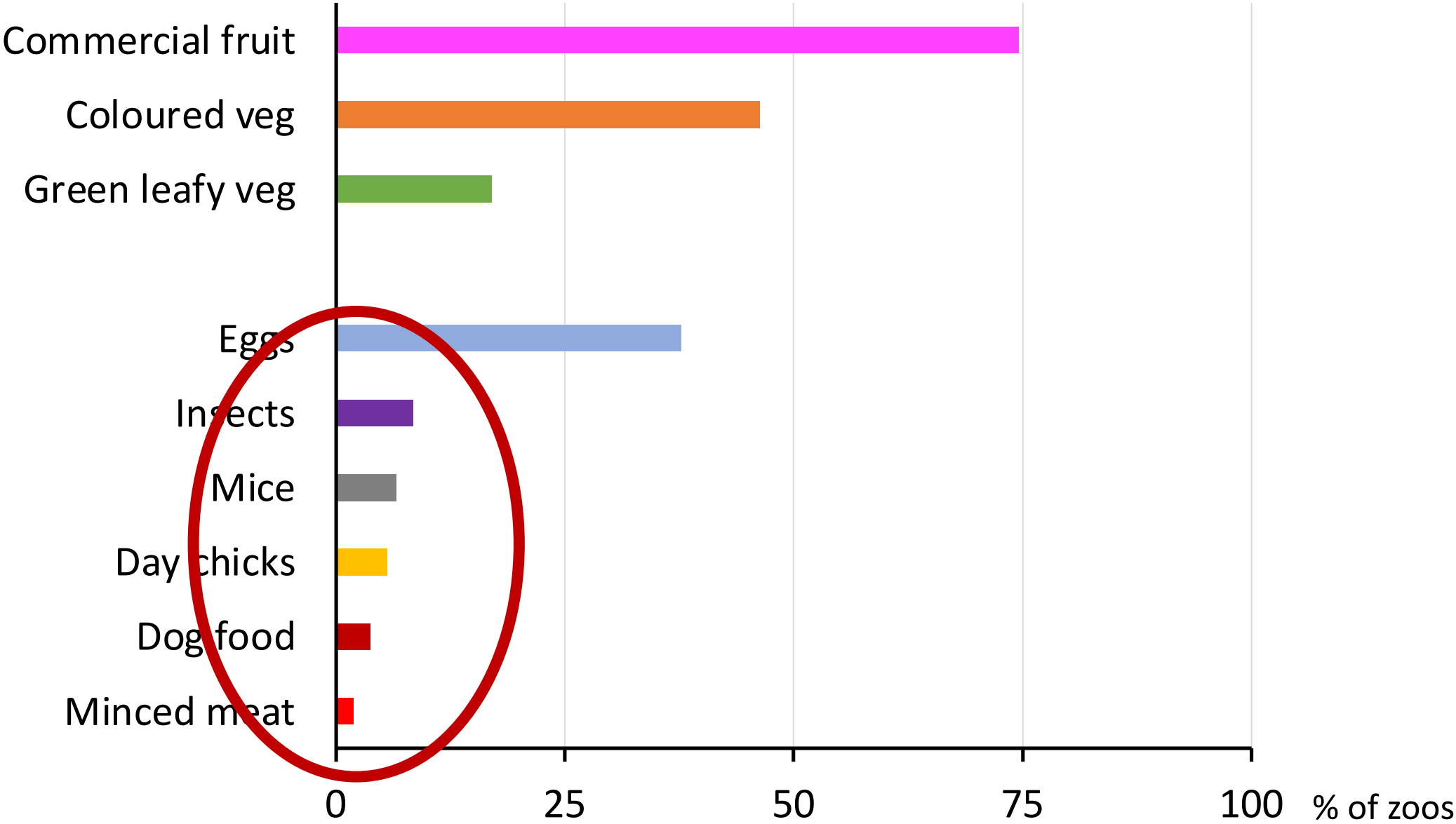


# Produce and other feeds



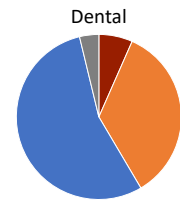
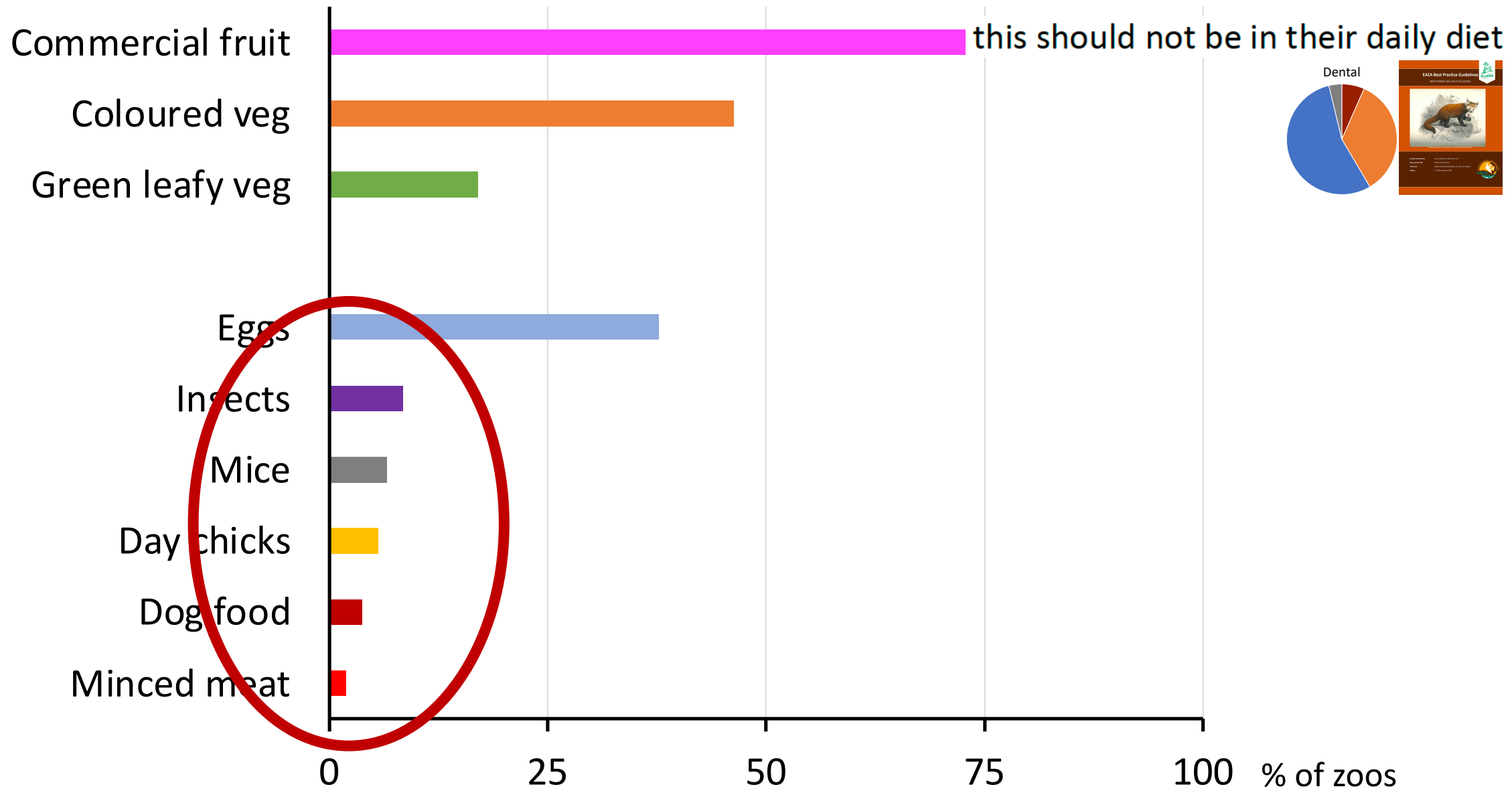


# Produce and other feeds



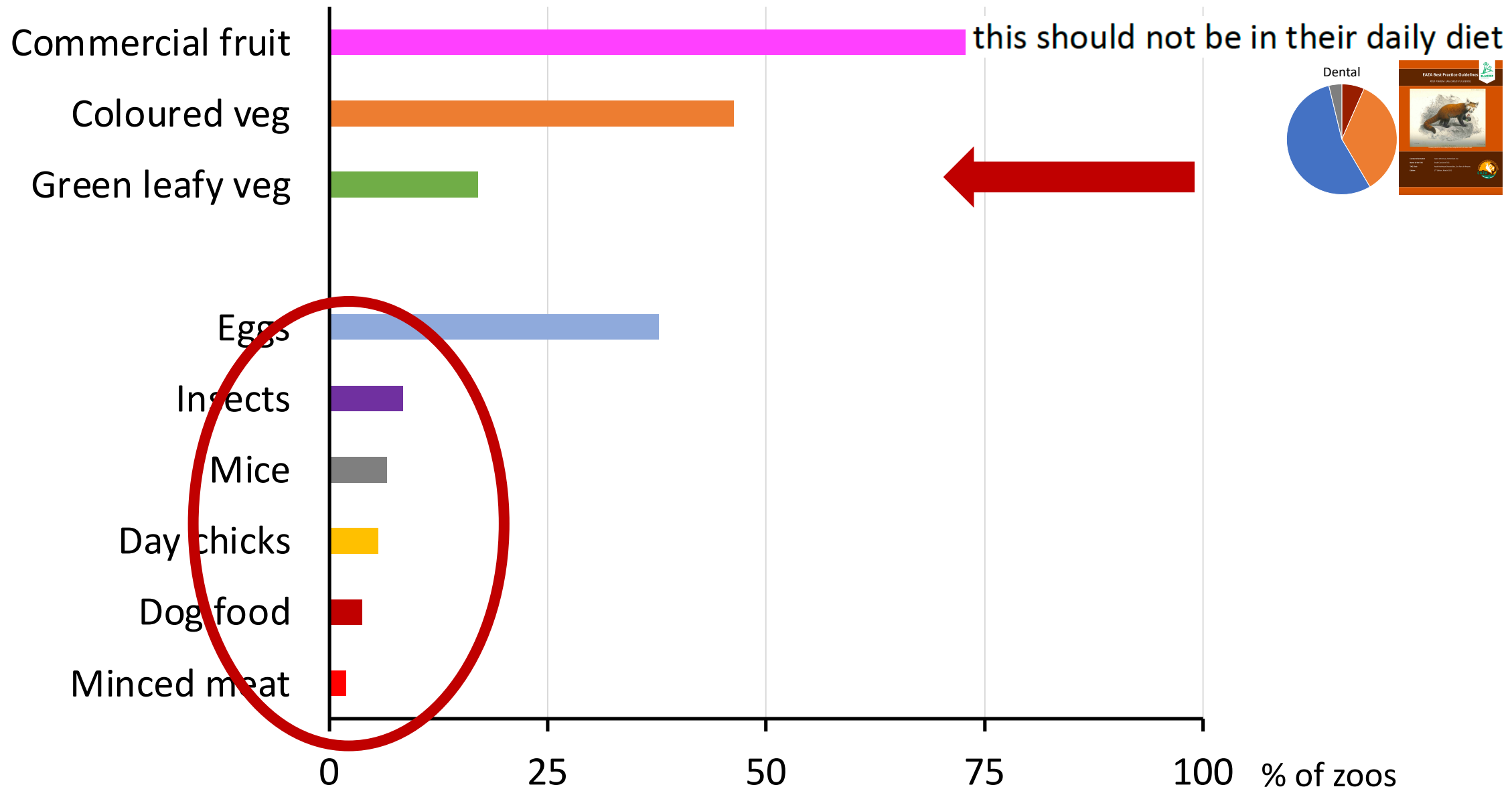


# Produce and other feeds





# Produce and other feeds



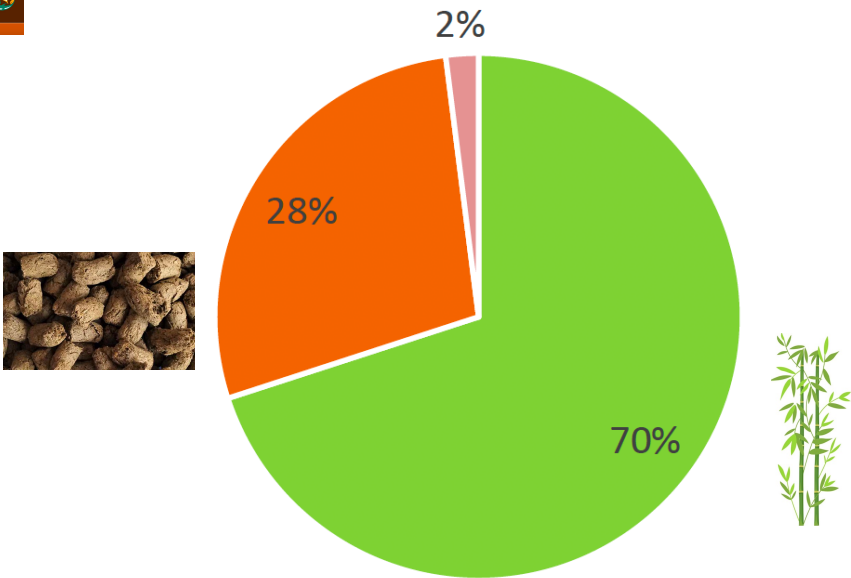




# Comparison recommended : actually fed



Recommended Red Panda Diet Ratio (%)

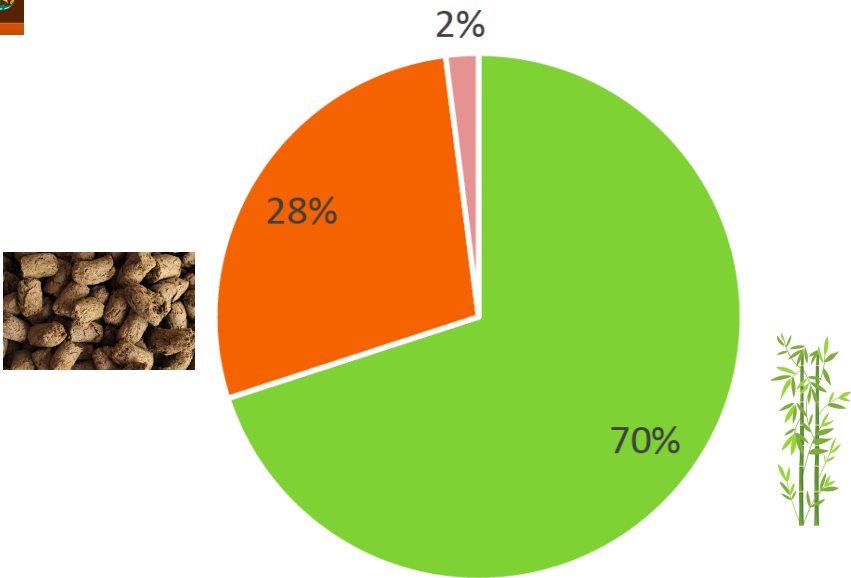




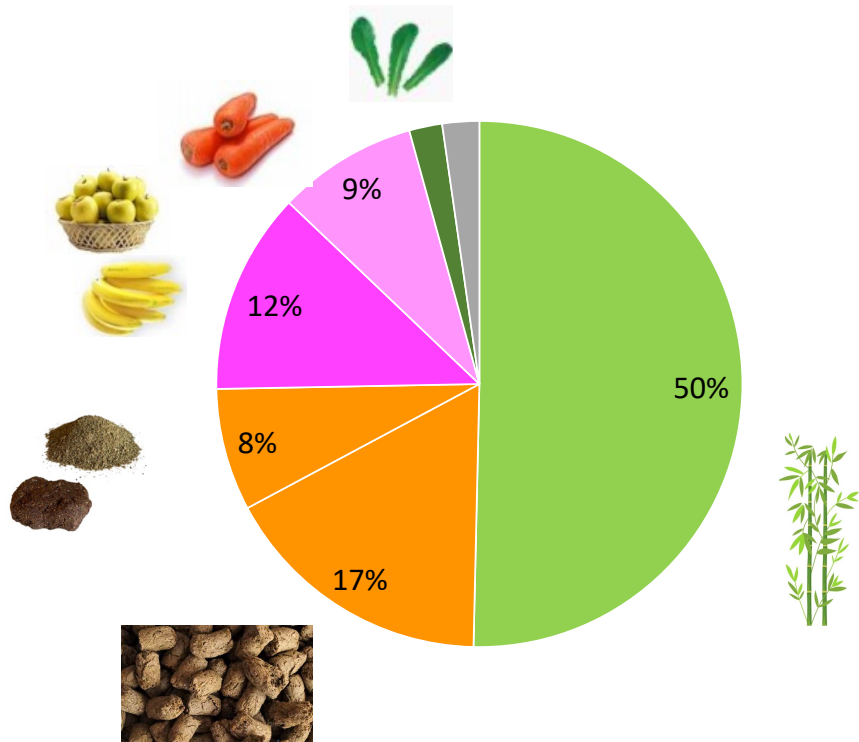
# Comparison recommended : actually fed



Recommended Red Panda Diet Ratio (%)



Actually Fed (Average) Diet Ratio (%)

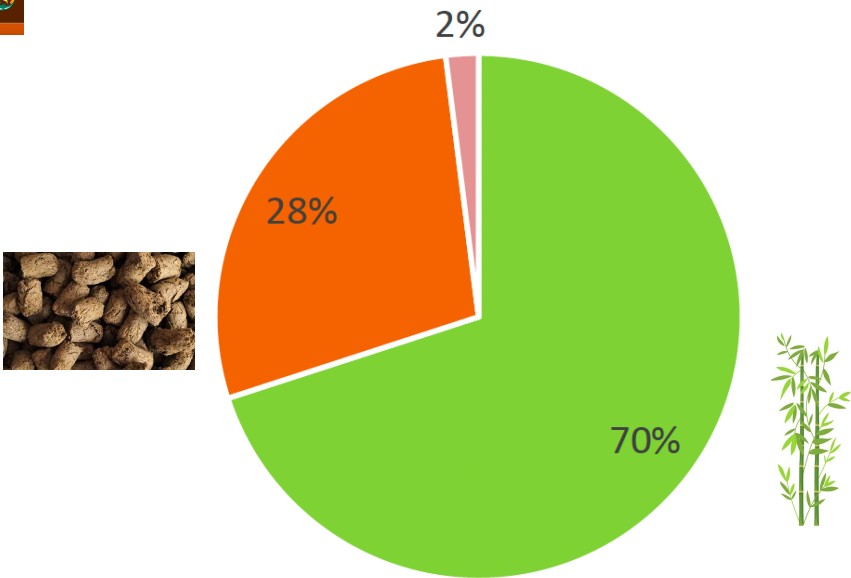




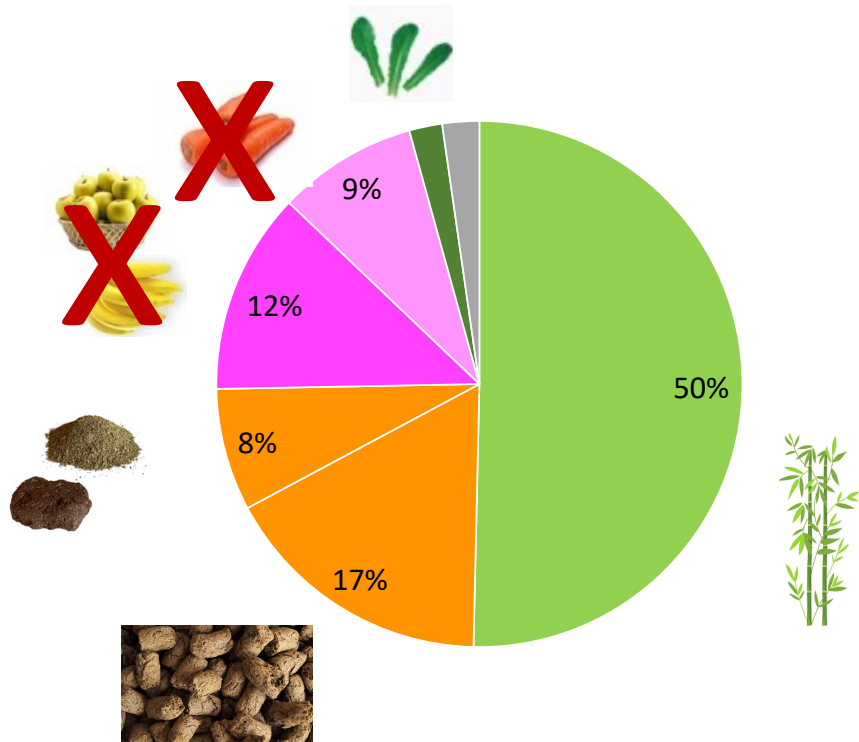
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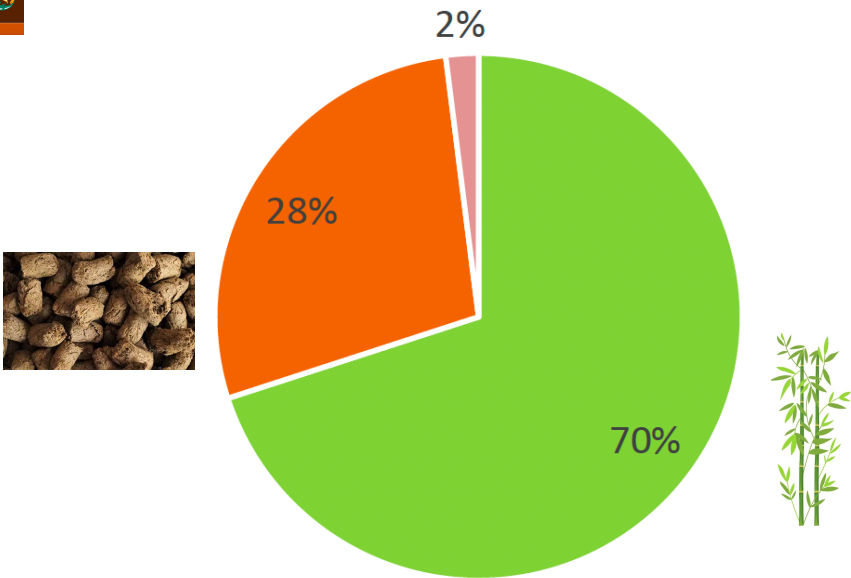




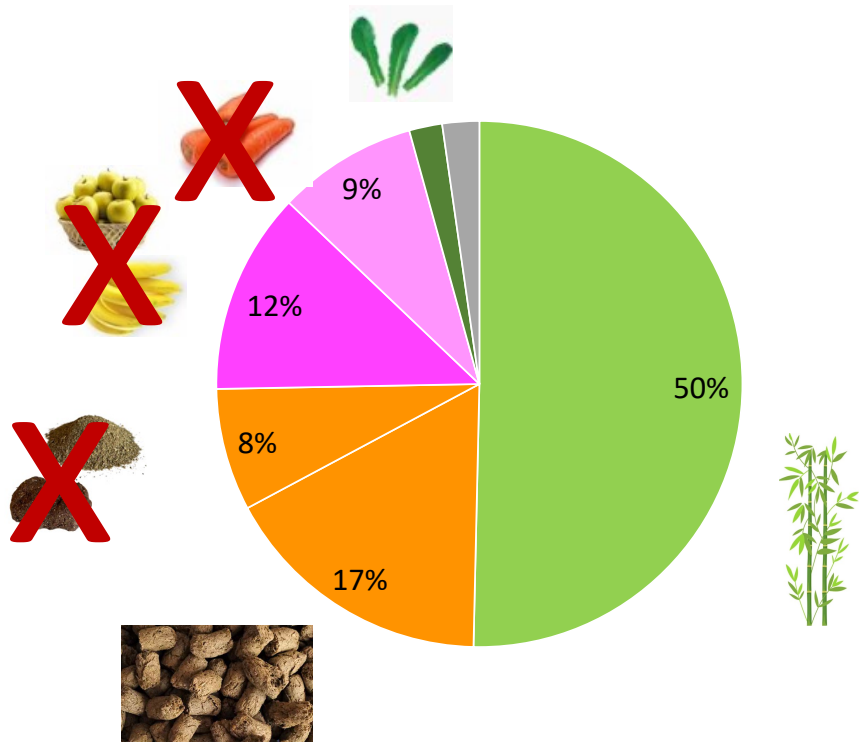
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Recommended Red Panda Diet Ratio (%)



Actually Fed (Average) Diet Ratio (%)



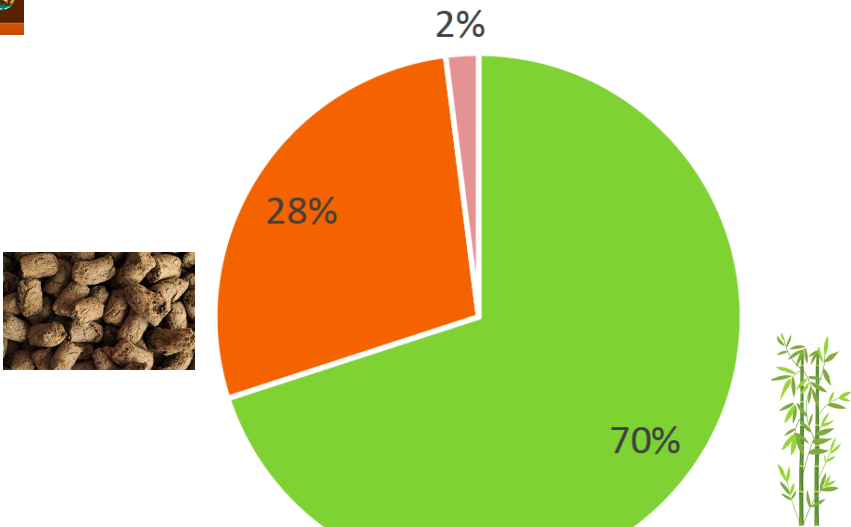




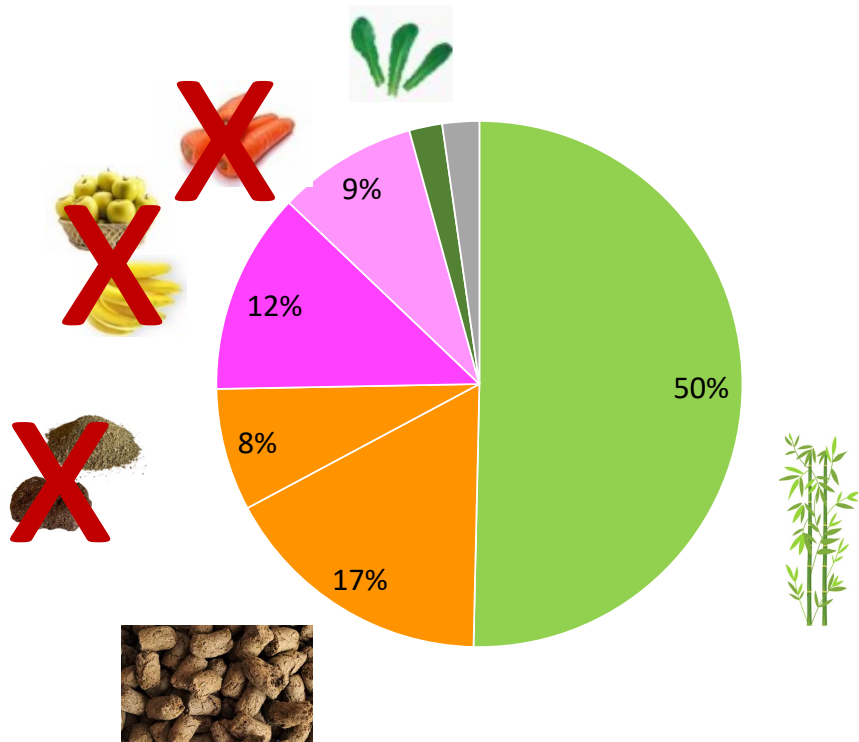
# Comparison recommended : actually fed



Recommended Red Panda Diet Ratio (%)



Actually Fed (Average) Diet Ratio (%)



Why use a product with a fibre level drastically lower than bamboo ?



thank you for your attention