



The 12th European Zoo Nutrition Conference, Riga, Latvia

#EZNC2023

First Conference Day (Friday 20th January 2023)

08:00 Registration

09:00 Welcome

Fish

09:30 Clements (New Zealand): Marine fish ecology and feeding

10:30 Mebratu (Belgium): The fish tank as a rumen? Indirect evidence from feeding beet pulp to tambaqui

10:45 Break

11:25 Shrama (Netherlands): Feeding fish in zoo's: how to deal with diversity

12:10 Weber (Netherlands): Practical feeding management of a large aquarium

12:40 van Lopik (Netherlands): Fishing seas for conservation?

13:10 Lunch break

Carnivores

14:00 Sponsor pitches I

14:15 Kleinlugtenbelt (Switzerland): Carnivore feeding in Europe

14:30 De Cuyper (Belgium): Fibre and health in felids and other carnivores

15:00 Break

Zoo Culture and Practice

15:40 Fens (Netherlands): 'Many mouths to feed': The design and centralization of a walk-in Commissary at Amersfoort Zoo

15:55 Nijboer (Netherlands): Integrated Pest Management in zoo food facilities

16:10 Samet (UK): Zoo nutrition expertise across Europe and data sharing via ZIMS

16:25 Ellorin (USA): Feed risk management: Planning for emerging feed supply concerns at zoological institutions

16:40 Poster pitches I

17:10 Ivasenko (Latvia): Riga Zoo Video

17:25 Conclusion

18:00 ENG Working Group Meeting

Second Conference Day (Saturday 21st January 2023)

Zoo visit

08:00 Registration

08:15 Welcome & Zoo visit organisation

09:00 Zoo visit (guided tours)

11:00 Break

11:30 Zoo visit (stations)

13:00 Lunch break

Insectivores

14:00	Osmann (Germany): The impact of a traditional in-house diet on the health of giant anteaters (<i>Myrmecophaga tridactyla</i>) and tamanduas (<i>Tamandua tetradactyla</i>) and aspects of switching to a complete diet – an overview
14:15	Tschudin (Switzerland): Diets for insectivores: How a commercial diet is developed
14:30	Steinecker-Quast (Germany): Practical realisation and monitoring of a diet change in Giant anteaters and Tamanduas at Dortmund Zoo
14:45	Albig (Germany): Optimising the diet of two large insectivores
15:00	Bähler (Switzerland): Scatter feeding in meerkats – encouraging natural feeding behaviour
15:15	Wyss (Switzerland): Creating an insectivores' paradise: Challenges of in-house breeding and feeding various types of invertebrates
15:30	Break

Zoo feeding practicalities

16:10	Sponsor pitches II
16:25	Bravo (UK): Feeding the Folivores: An analysis of zoo-housed koala (<i>Phascolarctos cinereus</i>) diet in the UK
16:40	Gee (UK): Browse provision at Chester
16:55	Wallden (Sweden): Scaling up a new method to make browse silage
17:10	Brisson (France): Good hay for our herbivores
17:25	Poster pitches II
17:40	Conclusion
18:00	Conference Dinner

Third Conference Day (Sunday 22nd January 2023)

08:00	Registration
08:30	Welcome

08:45	Przbylo (Poland): Determining the palatability of commercial complete feeds used in the nutrition of Callitrichidae
09:00	Fens (Netherlands): Walking through the feed forest: seasonal foraging behaviour in Callitrichids in Apenheul Primate Park
09:15	Viallard (France): Feeding interactions between emperor tamarins (<i>Saguinus imperator</i>) and Azara agoutis (<i>Dasyprocta azarae</i>) in a mixed enclosure
09:30	Janssens (Belgium): Measuring vitamin D status in zoo primates through hair analysis
09:45	Jarvis (UK): Vitamin D in the European great ape population: what we know so far
10:00	Skerstina (Latvia): Wanted dead or alive: ethics and animal welfare in food choice
10:15	Break

10:55	Di Marzio (Latvia): Raptor diets diversity based on species and their role in zoo collection
11:10	Birbele (Latvia): Dietary guidelines for each developmental stage of the natterjack toad (<i>Epidalea calamita</i>)
11:25	Brenes (Costa Rica): Nutrient composition and season variation of native food items eaten by free ranging Great Green Macaws in Costa Rica
11:40	Hunt (UK): Analysis of the nutritional components of Linnaeus's two-toed sloth (<i>Choloepus didactylus</i>) diets in UK and Irish zoos
11:55	Przbylo (Poland): Small ruminants may cope without concentrates, but also without produce: a case of southern pudu (<i>Pudu puda</i>)
12:10	Depauw (Belgium): Using indicators of positive animal welfare when evaluating nutritional changes in giraffes
12:25	Poster award

12:40 Conclusion

13:00 Lunch break

Poster Sessions

Group 1

Rozenhals (Latvia):	Healthy live snack for aquarium fishes
Enemark (Denmark):	The behavioral effects of feeding lean meat versus whole prey to captive jaguars (<i>Panthera onca</i>)
Roma (Latvia):	Zero km food for insects
Wang (Belgium):	Feeding pangolins under human care: clues from their natural diet

Group 2

Yao (Belgium):	Nutrient analysis of stomach content in free-ranging wild boar
Quintard (France):	Effect of a transition to a fruit-free diet on primates' microbiome at Mulhouse Zoo
Viallard (France):	Comparative survey of ruminant rations in zoological parks in France
Sauer (Denmark):	A case of excess dietary vitamin D causing problems in captive Tasmanian wombats (<i>Vombatus ursinus tasmaniensis</i>)?
Friedmann (Switzerland):	Activity budget and behaviour of giant otters (<i>Pteronura brasiliensis</i>) at Parken Zoo, Eskilstuna, Sweden

EAZA Academy Workshop (Thursday 19th January 2023)

08:00 Registration

08:30 Zoo animal nutrition: the next dimension - Marcus Clauss

09:30 Introduction Workshop - Marcus Clauss & Sarah Depauw

10:00 Coffee Break

10:30 Workshop: Matching biological information with feeding strategies towards positive welfare - Sarah Depauw & Marcus Clauss

12:20 Giraffe feeding method: how stereotypes and other behaviours changed at Kolmården Zoo - William Walldén

12:30 Lunch break

13:30 The role of animal nutrition in improving zoo animal welfare - Anouk Fens

14:00 Introduction Workshop - Anouk Fens

14:15 Workshop: Designing modern zoo animal feeding systems

15:15 Coffee Break

15:45 Workshop: Designing modern zoo animal feeding systems

16:15 Group pitches

17:15 Feeding systems in Apenheul Primate Park - Anouk Fens

17:45 Feeding challenges for carnivores: a future vision - Marcus Clauss

18:00 End of workshop