

Reference Sections: January, 2014

Attention: The next posting of a reference list will be in

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Please Note: This reference service provided by CAZA-NARG cannot be all-inclusive and is not intended to be exclusive. The inclusion of any reference in this listing is based only on availability and/or relevance to aquarium and zoo animal nutrition. Inclusion of a reference on this list does not indicate an acceptance and/or rating of the research. If you have a peer-reviewed paper to include in this list, please send the citation information to the Secretary/Treasurer of CAZA-NARG (below).

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AMPHIBIANS

Dugas MB, Yeager J & Richards-Zawacki CL. 2013. Carotenoid supplementation enhances reproductive success in captive **strawberry poison frogs** (*Oophaga pumilio*). Zoo Biology, advance e-alert.

BIRDS

Aourir M et al. 2013. Wild-laid versus captive-laid eggs in the **black-bellied sandgrouse**: is there any effect on chick productivity? Zoo Biology, advance e-alert.

Clauss M et al. 2013. Short-term digestible energy intake in captive **moose** (*Alces alces*) on different diets. Zoo Biology, 32(5): 484-489.

Cornejo J et al. 2013. Nutritional and physical characteristics of commercial hand-feeding formulas for **parrots**. Zoo Biology, 32(5): 469-475.

Fusté E, Obon E & Olid L. 2013. Hand-reared **common swifts** (*Apus apus*) in a wildlife rehabilitation centre: assessment of growth rates using different diets. *Journal of Zoo and Aquarium Research*, 1(2): 61-68.

Haley KL & Rosenberg DK. 2013. Influence of food limitation on reproductive performance of **burrowing owls**. *Journal of Raptor Research*, 47(4): 365-376.

Kerr KR et al. 2013. Apparent total tract macronutrient and energy digestibility of 1- to 3-day-old whole chicks, adult ground chicken, and extruded and canned chicken-based diets in **African wildcats** (*Felis silvestris lybica*). *Zoo Biology*, 32(5): 510-517.

Mata F & Lam A. 2013. Investigating the relationship between feed and helminthic burden of captive **birds of prey** in Hong Kong. *Zoo Biology*, advance e-alert.

Prier EA et al. 2013. Characterization of hatch-size and growth rates of captive and wild-reared **brown kiwi** (*Apteryx mantelli*) chicks. *Zoo Biology*, 32(5): 541-548.

Witteveen M, Brown M & Downs CT. 2013. Does sugar content matter? Blood plasma glucose levels in an occasional and specialist **avian nectarivore**. *Comparative Biochemistry and Physiology Part A: Molecular and Integrative Physiology*, advance e-alert.

Wyss et al. 2013. Factors influencing the onset and progression of pododermatitis in captive **flamingos** (Phoenicopteridae). *Schweiz. Arch. Tierheilkd*, 155(9): 497-503.

FEEDS, FORAGES and METHODOLOGY

Finke MD. 2013. Complete nutrient content of four species of **feeder insects**. *Zoo Biology*, 32(1): 27-36.

Glasser F et al. 2013. Fat and fatty acid content and composition of **forages**: a meta-analysis. *Animal Feed Science and Technology*, advance e-alert.

FISH (aquaria)

FOOD SAFETY

INVERTEBRATES (terrestrial and aquatic)

Baeza-Rojano E et al. 2013. Nutritional analysis of **freshwater and marine amphipods** from the Strait of Gibraltar and potential aquaculture applications. *Journal of Sea Research*, advance e-alert.

MAMMALS

- Beckmann KM et al. 2013. Blood vitamins and trace elements in northern-east **African cheetahs** (*Acinonyx jubatus soemmeringii*) in captivity in the Middle East. *Journal of Zoo and Wildlife Medicine*, 44(3): 613-626.
- Dittman MT et al. 2013. Energy requirements and metabolism of the Phillip's **dik dik** (*Madoqua saltiana phillipsi*). *Comparative Biochemistry and Physiology Part A: Molecular and Integrative Physiology*, advance e-alert.
- Elfström M et al. 2013. Gut retention time in captive **brown bears** *Ursus arctos*. *Wildlife Biology*, 19(3): 317-324.
- Ely JJ, Zavaskis T & Lammey ML. 2013. Hypertension increases with aging and obesity in **chimpanzees** (*Pan troglodytes*). *Zoo Biology*, 32(1): 79-87.
- Equizábal GV et al. 2013. Assessment of adrenocortical activity and behavior of the collared **anteater** (*Tamandua tetradactyla*) in response to food-based environmental enrichment. *Zoo Biology*, advance e-alert.
- Eshar D. 2013. Dietary management of an obese **kinkajou** (*Potos flavus*) with congestive heart failure secondary to hypertrophic cardiomyopathy. *Journal of Zoo and Aquarium Research*, 1(2): 78-80.
- Farrow et al. 2013. Effect of dietary carbohydrates, fat and protein on postprandial glycemia and energy intake in **cats**. *Journal of Veterinary Internal Medicine*, 27(5): 1121-1135.
- Kuhar CW, Fuller GA & Dennis PM. 2013. A survey of diabetes prevalence in zoo-housed **primates**. *Zoo Biology*, 32(1): 63-69.
- Lehman D et al. 2013. Dietary plasticity of generalist and specialist **ungulates** in the Nambian desert: a stable isotope approach. *PLoS One*, 16:8(8): e72190.
- Lisi KJ, Barnes TL & Edwards MS. 2013. **Bear** weight management: a diet reduction plan for an obese spectacled bear (*Tremarctos ornatus*). *Journal of Zoo and Aquarium Research*, 1(2): 81-84.
- López-Alfaro C et al. 2013. Energetics of hibernation and reproductive trade-offs in **brown bear**. *Ecological Modelling*, 270: 1-10.
- Mazzaro LM et al. 2013. Iron indices in **bottlenose dolphins** (*Tursiops truncatus*). *Comparative Medicine*, 62(6): 508-515.
- Mosser AA et al. 2013. Towards an energetic landscape: broad-scale accelerometry in **woodland caribou**. *Journal of Animal Ecology*, advance e-alert.

Oldham CL et al. 2013. Volatile fatty acid profile for grass hay or alfalfa hay fed to **alpacos** (*Vicugna pacos*). Journal of Animal Physiology and Animal Nutrition, advance e-alert.

Owen-Smith N, LeRoux E & Macandza V. 2013. Are relatively rare antelope narrowly selective feeders? A **sable antelope and zebra** comparison. Journal of Zoology, 291(3): 163-170.

Parker KL & Barboza PS. 2013. Hand-rearing wild **caribou calves** for studies of nutritional ecology. Zoo Biology, 32(2): 163-171.

Plowman, A. 2013. Diet review and change for **monkeys** at Paignton Zoo. Journal of Zoo and Aquarium Research, 1(2): 73-77.

Schovancová K et al. 2013. Preliminary insights into the impact of dietary starch on the ciliate, *Neobalantidium coli*, in captive **chimpanzees**. PLoS One, 8(11): e81374.

Suresh C et al. 2013. Effect of concentrate supplementation on feed consumption, nutrient utilization and blood metabolite profile in captive **spotted deer** (*Axis axis*) fed oat (*Avena sativa*) and berseem (*Trifolium alexandrinum*) fodders based diet. Zoo Biology, 32(2): 195-203.

Thompson KA et al. 2013. Evaluation of a commercial bovine colostrum replacer for achieving passive transfer of immunity in **springbok calves** (*Antidorcas marsupialis*). Journal of Zoo and Wildlife Medicine, 44(3): 541-548.

Van Sonsbeek GR et al. 2013. Effect of calcium and cholecalciferol supplementation on several parameters of calcium status in plasma and urine of captive **Asian (*Elephas maximus*) and African elephants (*Loxodonta Africana*)**. Journal of Zoo and Wildlife Medicine, 44(3): 529-540.

NUTRITIONAL PATHOLOGY AND CLINICAL NUTRITION

Eshar D. 2013. Dietary management of an **obese kinkajou** (*Potos flavus*) with congestive heart failure secondary to hypertrophic **cardiomyopathy**. Journal of Zoo and Aquarium Research, 1(2): 78-80.

Farrow et al. 2013. Effect of dietary carbohydrates, fat and protein on postprandial **glycemia** and energy intake in **cats**. Journal of Veterinary Internal Medicine, 27(5): 1121-1135.

Kuhar CW, Fuller GA & Dennis PM. 2013. A survey of **diabetes** prevalence in zoo-housed **primates**. Zoo Biology, 32(1): 63-69.

Lisi KJ, Barnes TL & Edwards MS. 2013. Bear weight management: a diet reduction plan for an **obese spectacled bear** (*Tremarctos ornatus*). Journal of Zoo and Aquarium Research, 1(2): 81-84.

REPTILES

Gramanzini M et al. Assessment of dual-energy x-ray absorptiometry for use in evaluating the effects of dietary and environmental management of **Hermann's tortoises** (*Testudo hermanni*). American Journal of Veterinary Research, 74(6): 918-924.

Hedley J & Eatwell K. 2013. The effects of UV light on calcium metabolism in **ball pythons** (*Python regius*). Veterinary Record, 173(14): 345.