

**Reference Sections: July, 2013**

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

*January, 2014*

**AMPHIBIANS**

**BIRDS**

**FEEDS, FORAGES and METHODOLOGY**

**FISH (aquaria)**

**FOOD SAFETY**

**INVERTEBRATES (terrestrial and aquatic)**

**MAMMALS**

**NUTRITIONAL PATHOLOGY AND CLINICAL NUTRITION**

**REPTILES**

***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**

MacCracken JG & Stebbings JL. 2012. Test of a **body condition index** with amphibians. *Journal of Herpetology*, 46(3): 346-350.

Martins FM et al. 2013. Differential effects of dietary protein on early life: history and morphological traits in **Natterjack toad** (*Epidalea calamita*) tadpoles reared in captivity. *Zoo Biology*, 32(4): 457-462.

Ortiz DA, Almeida-Reinoso D & Coloma LA. 2013. Notes on husbandry, reproduction and development in the **Pacific horned frog** *Ceratophrys stolzmanni* (Anura: Ceratophryidae), with comments on its amplexus. *International Zoo Yearbook*, 47(1): 151-162.

**BIRDS**

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Brightsmith DJ. 2012. Nutritional levels of diets fed to captive **Amazon parrots**: does mixing seed, produce and pellets provide a healthy diet? *Journal of Avian Medicine and Surgery*, 26(3): 149-160.

Burton EJ et al. 2013. Evaluation of a fast, objective tool for assessing body condition of **budgerigars** (*Melopsittacus undulates*). *Journal of Animal Physiology and Animal Nutrition*, advance e-alert.

Cornejo J, Dierenfeld ES & Brightsmith DJ. 2013. Nutritional and physical characteristics of commercial **hand-feeding** formulas for parrots. *Zoo Biology*, advanced e-alert.

de Azevedo CS et al. 2013. Using environmental enrichment to reduce the expression of abnormal behaviours in **Greater rhea** *Rhea Americana* at Belo Horizonte Zoo. *International Zoo Yearbook*, 47(1): 163-170.

Hanselman R et al. 2013. Causes of morbidity and mortality in captive **kori bustards** (*Ardeotis kori*) in the United States. *Journal of Zoo and Wildlife Medicine*, 44(2): 348-363.

Muir A & King CE. 2013. Management and husbandry guidelines for **shoebills** *Balaeniceps rex* in captivity. *International Zoo Yearbook*, 47(1): 181-189.

### **FEEDS, FORAGES and METHODOLOGY**

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

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*, advance e-alert.

Ogilvy V, Fidgett AL & Preziosi RF. 2012. Differences in **carotenoid** accumulation among three **feeder-cricket** species; implications for carotenoid delivery to captive insectivores. *Zoo Biology*, 31(4): 470-478.

Rahman MM, Abdullah RB & Khadijah EW. 2013. A review of **oxalate poisoning** in domestic animals: tolerance and performance aspects. *Journal of Animal Physiology and Animal Nutrition*, 97(4): 605-614.

### **FISH (aquaria)**

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Lewis E et al. 2013. Occurrence of nephrolithiasis in a population of **longsnout seahorse**, *Hippocampus reidi* Ginsburg, and analysis of a nephrolith. *Journal of Fish Diseases*, 36(2): 163-167.

Persky ME et al. 2012. Hematologic, plasma biochemistry and select nutrient values in the captive **smooth dogfish** (*Mustelus canis*). *Journal of Zoo and Wildlife Medicine*, 43(4): 842-851.

## FOOD SAFETY

### INVERTEBRATES (terrestrial and aquatic)

Aish AYP, Irawan B & Soegianto A. 2013. Effect of copper on survival, osmoregulation, and gill structures of **freshwater prawn** (*Macrobrachium rosenbergii*, de Man) at different development stages. *Marine and Freshwater Behaviour and Physiology*, 46(2): 75-88.

Doxa CK, Divanach P & Kentouri M. 2013. Consumption rates and digestibility of four food items by the **marine gastropod** *Charonia sequeenzae* (Aradas & Benoit, 1870). *Journal of Experimental Marine Biology and Ecology*, 446: 10-16.

Pham NK & Lin J. 2013. The effects of different feed enrichments on survivorship and growth of early juvenile **longsnout seahorse**, *Hippocampus reidi*. *Journal of the World Aquaculture Society*, 44(3): 435-446.

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Abbondanza FN et al. 2013. Variation in the composition of milk of **Asian elephants** (*Elephas maximus*) throughout lactation. *Zoo Biology*, 32(3): 291-298.

Chuang L-T et al. 2013. Fatty-acid, amino acid and mineral composition of two milk replacers for **marsupials**. *International Zoo Yearbook*, 47(1): 190-199.

Clancy MM. 2013. Retrospective analysis of mortalities in **elephant shrews** (Macroscelididae) and tree shrews (Tupaiaidae) at the Smithsonian National Zoological Park, USA. *Journal of Zoo and Wildlife Medicine*, 44(2): 302-309.

Clark FE & Smith LJ. 2013. Effect of a cognitive challenge device containing food and non-food rewards on **chimpanzee** well-being. *American Journal of Primatology*, advance e-alert.

Clauss M et al. 2012. Influence of diet on calcium metabolism, tissue calcification and urinary sludge in **rabbits** (*Oryctolagus cuniculus*). *Journal of Animal Physiology and Animal Nutrition*, 95(5): 798-807.

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Clauss M et al. 2013. Short-term digestible energy intake in captive **moose** (*Alces alces*) on different diets. *Zoo Biology*, advanced e-alert.

- Das A et al. 2013. Feed consumption, diet digestibility and mineral utilization in captive **blackbuck** (*Antelope cervicapra*) fed different levels of concentrates. *Journal of Animal Physiology and Animal Nutrition*, 97(1): 80-90.
- Depauw S et al. 2013. Animal fibre: the forgotten nutrient in strict carnivores? First insights in the **cheetah**. *Journal of Animal Physiology and Animal Nutrition*, 97(1): 146-154.
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- Hahn A et al. 2013. Persimmon phytobezoars in **meerkats** (*Suricata suricatta*). *Journal of Zoo and Wildlife Medicine*, 44(2): 505-508.
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- Helmick KE & Milne VE. 2012. Iron deficiency anemia in captive āalavan **tapir** calves (*Tapirus indicus*). *Journal of Zoo and Wildlife Medicine*, 43(4): 876-884.
- Herrmann EA et al. 2013. Partial replacement of an artificial nectar diet with native browse for **feather-tail gliders** (*Acrobatus pygmaeus*). *Zoo Biology*, 32(4): 394-399.
- Huynh M & Laloi F. 2013. Diagnosis of liver disease in domestic **ferrets** (*Mustela putorius*). *Veterinary Clinics of North America: Exotic Animal Practice*, 18(1): 121-144.
- Jackson A. 2012. Haematology and biochemistry of **warru** (*Petrogale lateralis* MacDonnell Ranges race) in captivity and the wild. *Australian Veterinary Journal*, 90(9): 331-340.
- 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*, advance e-alert.
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- Kuhar CW, Fuller GA & Dennis PM. 2013. A survey of diabetes prevalence in zoo-housed **primates**. *Zoo Biology*, 32(1): 63-69.
- Lindemann DM, Gamble KC & Corner S. 2013. Calcium carbonate obstructive urolithiasis in a **red kangaroo** (*Macropus rufus*). *Journal of Zoo and Wildlife Medicine*, 44(1): 196-199.
- Mangini PR, Medici EP & Fernandes-Santos RC. 2012. **Tapir** health and conservation medicine. *Integrative Zoology*, 7(4): 331-345.

- Mbatha KR et al. 2012. Preliminary evaluation of selected minerals in liver samples from **springbok** (*Antidorcas marsupalis*) from the National Zoological Gardens of South Africa. *Journal of the African Veterinary Association*, 83(1): E1-7.
- Newtone HP, Gamble KC & Friberg C. 2013. Management of a **black leopard** (*Panthera pardus*) with seasonal atopy and cutaneous adverse food reaction by using transmucosal immunotherapy. *Journal of Zoo and Wildlife Medicine*, 44(1): 212-214.
- Olias P et al. 2013. Iron overload syndrome in the **black rhinoceros** (*Diceros bicornis*): microscopical lesions and comparison with other rhinoceros species. *Journal of Comparative Pathology*, 147(4): 542-549.
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- 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.
- Williams CL et al. 2013. Dietary shifts affect the gastrointestinal microflora of the **giant panda** (*Ailuropoda melanoleuca*). *Journal of Animal Physiology and Animal Nutrition*, 97(3): 577-585.

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## NUTRITIONAL PATHOLOGY AND CLINICAL NUTRITION

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Erlacher-Reid CD et al. 2013. Intestinal and cloacal strictures in free-ranging and aquarium-maintained **green sea turtles** (*Chelonia mydas*). Journal of Zoo and Wildlife Medicine, 44(2): 408-429.

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Hampton PM. 2013. Feeding in **natricines**: relationships among feeding morphology, behavior, performance and preferred prey type. *Journal of Zoology*, advanced e-alert.

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Mendyk RW, Newton AL & Baumer M. 2013. A retrospective study of mortality in **varanid lizards** (Reptilia: Squamata: Varanidae) at the Bronx zoo: implications for husbandry and reproductive management in zoo. *Zoo Biology*, 32(2): 152-162.