

Reference Sections

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 on availability and/or relevance to aquarium and zoo animal nutrition. 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).

A new reference list will be posted every 6 months. The next posting will be:

August 2008

If you would like to receive an e-alert when the new list is available, please contact the Secretary/Treasurer of CAZA-NARG (below). If you would like a Word version of this list, please contact the Secretary/Treasurer of CAZA-NARG (below).

Secretary/Treasurer CAZA-NARG: monogastricnutrition@yahoo.ca

AMPHIBIANS

BIRDS

Green JA, Boyd IL, Woakes AJ, Green CJ & Butler PJ. 2007. Feeding, fasting and foraging success during chick rearing in **macaroni penguins**. Marine Ecology Progress Series, 346: 299-312.

Hammer S, Jensen S, Borjal R & Clauss M. 2007. Bill impaction in a group of captive **Caribbean flamingos (*Phoenicopterus ruber ruber*)**. Journal of Zoo and Wildlife Medicine, 38(3): 465-470.

Moe B, Angelier F, Bech C & Chastel O. 2007. Is basal metabolic rate influenced by age in a long-lived seabird the **snow petrel?** Journal of Experimental Biology, 210: 3407-3414.

Pichegru L, Ryan PG, van de Lingen CD, Coetzee J, Ropert-Coudert Y & Gremillet D. 2007. Foraging behavior and energetics of **Cape gannets *Morus capensis*** feeding on live prey and fishery discards in the Benguela upwelling system. Marine Ecology Progress Series, 350: 127-136.

FEEDS, FORAGES and METHODOLOGY

Adeniji TA & Tenkouana A. 2007. Effect of processing on micronutrient content of chips produced from some **plaintain** and **banana** hybrids. Fruits, 62(6): 345-352.

Baker DH. 2008. **Animal models** in nutrition research. Journal of Nutrition, 138: 391-396.

Mandelker L. 2008. Cellular effects of common antioxidants. Veterinary Clinics of North America, 38(1): 199-211.

Mukhopadhyay N, Sarkar S & Bandyopadhyay. 2007. Effect of extrusion cooking on anti-nutritional factor tannin in **linseed (*Linum usitatissimum*)** meal. International Journal of Food Science and Nutrition, 58(8): 588-594.

Strum CD, Tiemann TT, Lascano CE, Kreuzer M & Hess HD. 2007. Nutrient composition and in vitro ruminal fermentation of **tropical legume** mixtures with contrasting tannin contents. Animal Feed Science and Technology, 138(1): 29-26.

Vander Poel AFB, Verstegen MWA & Robinson PH. 2007. **Nutritional technologies** in animal feed science and technology. Animal Feed Science and Technology, 138(2): 89-91.

FISH (Aquaria)

Burger J, Gochfeld M, Shukla T, Jeitner C, Burke S, Donio M, Shukla S, Snigaroff R, Snigaroff D, Stamm T & Volg C. 2007. Heavy metals in **Pacific cod (*Gadus macrocephalus*)** from the Aleutians - location, age, size, risk. Journal of Toxicology and Environmental Health, 70(22): 1897-1911.

Sarkai UK, Deepak PK, Negi RS, Qureshi TA & Lakra WS. 2007. Efficacy of different types of live and non-conventional diets in endangered **clown knife fish *Chitala chitala*** (Hamilton-Buchanan). Aquaculture Research, 38(13): 1404-1410.

FOOD SAFETY

Burger J, Gochfeld M, Shukla T, Jeitner C, Burke S, Donio M, Shukla S, Snigaroff R, Snigaroff D, Stamm T & Volg C. 2007. Heavy metals in **Pacific cod (*Gadus macrocephalus*)** from the Aleutians - location, age, size, risk. Journal of Toxicology and Environmental Health, 70(22): 1897-1911.

Hammer S, Jensen S, Borjal R & Clauss M. 2007. Bill impaction in a group of captive **Caribbean flamingos (*Phoenicopterus ruber rubber*)**. Journal of Zoo and Wildlife Medicine, 38(3): 465-470.

Magnuson BA, Burdock GA, Doull J, Kroes RM, Marsh GM, Pariza MW, Spencer PS, Waddell WJ, Walker R & Williams GM. 2007. **Aspartame**: a safety evaluation based on current use levels, regulations, and toxicological and epidemiological studies. Critical Reviews in Toxicology, 37(8): 629-721.

Richini-Pereira VB, Bosco S, Grieses J, Theordor RC, Macoris SADG, Da Silva RJ, Barrozo L, Tavares PMES, Zancope-Oliveira RM & Bagagli E. 2008. Molecular detection of **Paracoccidioides brasiliensis** in road-killed wild animals. Medical Mycology, 48(1): 35-40.

Storelli MM, Barone G, Piscitelli G & Marcotrigiano GO. 2007. **Mercury in fish**: concentration versus fish size and estimates of mercury intake. Food Additives and Contaminants, 24(12): 1353-1357.

Trucksess MW & Scott PM. 2007. **Mycotoxins** in botanicals and dried fruits: a review. Food Additives and Contaminants, 25(2): 181-192.

INVERTEBRATES (terrestrial and aquatic)

Arroyo MTK, Till-Bottraud I, Torres C, Henriquez CA & Martinez. 2007. Display size preferences and foraging habits of high Andean butterflies pollinating *Chaetanthera lycopodioides* (Asteraceae) in the subnival of the central Chilean Andes. Arctic, Antarctic and Alpine Research, 39(3): 347-352.

Feller K, Paul VJ, Kwiatkowski LM & Lee W. 2008. Selection of an omnivorous diet by the mangrove tree crab ***Arubus pisonii*** in laboratory experiments. Journal of Sea Research, 59(1-2): 59-69.

Jeffers LA & Roe RM. 2008. The movement of proteins across the insect and tick **digestive system**. Journal of Insect Physiology, 54(2): 319-332.

Mfilinge PL & Tsuchiya M. 2008. Effect of temperature on leaf litter consumption by **grapsid crabs** in a subtropical mangrove (Okinawa, Japan). Journal of Sea Research, 59(1-2): 94-104.

Siiakuopio SI, Christiansen JS, Saether BS & Dak T. 2007. Seasonal variation in feed intake under constant temperature and natural photoperiod in the **green sea urchin** (*Strongylocentrotus droebachiensis*). Aquaculture, 272(1-4): 328-334.

MAMMALS

Aurioles-Gamboa D & Camacho-Riva FJ. 2007. Diet and feeding overlap of two **Otariids**, *Zalophus californianus* and *Arctocephalus townsendi*: implications to survive environmental uncertainty. Aquatic Mammals, 33(3): 315-326.

Clauss M, Franz-Odendaal TA, Brasch J, Castell JC & Kaiser T. 2007. Tooth wear in captive **giraffes** (*Giraffa camelopardalis*): mesowear analysis classifies free-ranging specimens as brwosers but captive ones as grazers. Journal of Wildlife Medicine, 38(3): 433-445.

Clauss M, Schwarm A, Ortmann S, Streich WJ & Hummel J. 2007. A case of non-scaling in mammalian physiology? Body size, digestive capacity, food intake, and ingesta passage in mammalian **herbivores**. Comparative Biochemistry and Physiology A, Molecular and Integrative Physiology, 148(2): 249-65.

Duffy DJ & Rose R. 2008. Milk composition and growth in the southern brown **bandicoot**, *Isodon obesulus* (Marsupilia: Peramelidae). Australian Journal of Zoology, 55(5): 323-329.

Hanya G, Kiyono M, Takafumi H, Tsujino R. & Agetsuma N. 2007. Mature leaf selection of **Japanese macaques**: effects of availability and chemical content. Journal of Zoology, 273(3): 140-147.

Herrera LG & Suarez AK. 2008. Dietary sugar as a direct fuel for flight in the nectarivorous **bat** *Glossophaga soriana*. Journal of Experimental Biology, 211: 310-316.

Knott L, Tarlton JF, Craft H & Webster AJF. 2007. Effects of housing, parturition and diet change on the biochemistry and biomechanics of the support structures of the hoof of dairy **heifers**. The Veterinary Journal, 174(2): 277-287.

Pestell AJL & Petit S. 2008. Diet of the western **pygmy possum**, *Cercartetus concinnus* Gould (Marsupialia: Burramyidae), at Innes National Park, South Australia, and evaluation of diet sampling methods. Australian Journal of Zoology, 55(5): 275-284.

Strauss A, Hoffman IE & Millesi E. 2007. Effects of nutritional factors on juvenile development in male **ground squirrels** (*Spermophilus citellus*). Mammalian Biology, 72(6): 354-363.

Torres-Acosta JFJ, Sandoval-Castro, Hoste H, Aguilar-Caballero AJ & Capetillo-Leal CM. 2008. Is **goats'** preference of forage trees affected by their tannin or fiber content when offered in cafeteria experiments? Animal Feed Science and Technology, 141(1-2): 36-48.

Urbani B & Bosque C. 2007. Feeding ecology and postural behaviour of the **three-toed sloth** (*Bradypus variegatus flaccidus*) in northern Venezuela. *Mammalian Biology*, 72(4): 321-384.

NUTRITIONAL PATHOLOGY and CLINICAL NUTRITION

Bray GA, Segal MS, Scuritín Y, Nakagawa T, Feig DI, Kang D, Gersch MS, Benner S. & Sanchez-Lozada LG. 2007. Potential role of sugar (**fructose**) in the epidemic of hypertension, obesity and the metabolic syndromes, diabetes, kidney disease and cardiovascular disease. *The American Journal of Clinical Nutrition*, 86(4): 899-906.

Hammer S, Jensen S, Borjal R & Clauss M. 2007. Bill impaction in a group of captive **Caribbean flamingos** (*Phoenicopterus ruber ruber*). *Journal of Zoo and Wildlife Medicine*, 38(3): 465-470.

Moss M. 2007. Drugs as **anti-nutrients**. *Journal of Nutrition and Environmental Medicine*, 16(2): 149-166.

REPTILES

Chintel CM, De Nardo DF & Secor SM. 2007. Metabolic and digestive response to food ingestion in a binge-feeding lizard the **Gila monster** (*Heloderma suspectum*). *Journal of Experimental Biology*, 210: 3430-3439.

Liesegang A, Hatt JM & Wanner M. 2007. Influence of different dietary calcium levels on the digestibility of Ca, Mg and P in **Hermann's tortoises** (*Testudo hermanni*). *Journal of Animal Physiology and Animal Nutrition*, 91(11-12): 459-464.