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AMPHIBIANS

Beard K.H. 2007. Diet of the invasive **frog, *Eleutherodactylus coqui***, in Hawaii. *Copeia*, 2: 251-266.

Berazategui M., Camargo A. & Maneyro P. 2007. Environmental and seasonal variation in the diet of ***Elachistocleis bicolor*** (Guerin-Meneville, 1838) (Anura: Microhylidae). From northern Uruguay. *Zoological Science*, 24(3): 225-231.

Olvera-Novoa M.A., Ontiveros-Escutia V.M. & Flores-Nava A. 2007. Optimum protein level for growth in juvenile **bullfrog** (*Rana catesbeiana* Shaw, 1802). *Aquaculture*, 266(1-4): 191-199.

Rachel D., Mahan D. & Johnson Jarrett R. 2007. Diet of the **gray treefrog** (*Hyla versicolor*) in relation to a foraging site location. *Journal of Herpetology*, 41(1): 16-23.

Rudolph D.C., Conner R.N., Schaefer R.R. & Koerth N.E. 2007. **Red-cockaded woodpecker** foraging behavior. *Wilson Journal of Ornithology*, 119(2): 170-180.

Twersky L.H., Porter S.M. & Raleigh F.S. 2007. The effects of conjugated linoleic acid on **anuran** early development. *Bios*, 78(1): 10-15.

Suazo I., Alvarado-Diaz J., Raya-lemus E. & Martinez-Ramos M. 2007. Diet of the **Mexican marbled toad** (*Bufo marmoratus*) in conserved and disturbed tropical dry forest. *The Southwestern Naturalist*, 52(2): 302-305.

Ugarte C.A., Rice K.G. & Donnelly M.A. 2007. Comparison of the **pig frog** (*Rana grylio*) from the harvested and protected areas of the Florida everglades. *Copeia*, 2: 436-448.

BIRDS

Adkesson M.J. & Longon J.N. 2007. Metabolic bone disease in juvenile **Humboldt penguins** (*Spheniscus humboldti*): investigation of ionized calcium, parathyroid hormone and vitamin D₃ as diagnostic parameters. *Journal of Zoo and Wildlife Medicine*, 38(1): 85-92.

Arnold K.E., Blount J.D., Metcalfe N.B., Orr K.J., Aden A., Houston D. & Monaghan P. 2007. Sex-specific differences in compensation for poor neonatal nutrition in the **zebra finch** *Taeniopygia guttata*. *Journal of Avian Biology*, 38(3): 356-366.

Audet B., Gauthier G. & Levesque E. 2007. Feeding ecology of **greater snow goose** goslings in mesic tundra on Bylot Island, Nunavut Canada. *The Condor*, 109(2): 361-376.

Craig M.D. 2007. The ecology of the **rufous treecreeper** in the jarrah forest of south-western Australia and implications for its conservation and management. *Australian Journal of Zoology*, 55(1): 41-48.

Elson L.T., Schwab F.E. & Simon N.P.P. 2007. Winter food habits of *Lagopus lagopus* (**Willow Ptarmigan**) as a mechanism to explain winter sexual aggression. *Northeastern Naturalist*, 14(1): 111-124.

Gancz A.Y., Wellebas F.X., Boutette J., Malka S., Lee S.E., Smith D.A. & Taylor M. 2007. Diabetes mellitus concurrent with hepatic hemosiderosis in **blue macaws** (*Ara severa*, *Ara militaris*). *Avian Pathology*, 36(4): 331-336.

Gartrell B.D. & Reid C. 2007. Death by chocolate: a fatal problem for an inquisitional **parrot**. *New Zealand Veterinary Journal*, 55(3): 149-151.

Holt D.W. & Bitter C. 2007. **Barred owl** winter diet and pellet dimensions in western Montana. *Northwestern Naturalist*, 88(1): 7-11.

Kalmar I.D., Werquin G. & Janssen G.P.J. 2007. Apparent nutrient digestibility and excreta quality in **African grey parrots** fed two pelleted diets based on coarsely or finely ground ingredients. *Journal of Animal Physiology and Animal Nutrition*, 91(5-6): 210-216.

Lindenmeyer D.B., Cunningham R.B. & Weekes A. 2007. A study of the foraging ecology of the **white-throated treecreeper** (*Cormobates leucophaeus*). *Emu*, 107(2): 135-142.

Liordos V. & Goutner V. 2007. Spatial patterns of winter diet of the **great cormorant** in coastal wetlands of Greece. *Waterbirds*, 30(1): 103-111.

McKechie A.E., Ashdown R.A.M., Christian M.B. & Brigham R.M. 2007. Torpor in an African caprimulgid, the **freckled nightjar** *Caprimulgus tristigma*. *Journal of Avian Biology*, 38(3): 261-266.

Morrison J.L., Abrams J., Deyrup M., Eisner T. & Millian M.M. 2007. Noxious menu: chemically protected insects in the diet of *Caracara cheriway* (**Northern Crested Caracara**). *Southeastern Naturalist*, 6(1): 1-14.

Nargalida A., Manosa S., Bertram J. & Garca D. 2007. Biases in studying the diet of the **bearded vulture**. *Journal of Wildlife Management*, 71(5): 1621-1625.

Paoletti Gilda & Prig Silvia. 2007. Diet of the **lesser Rhea** (*Pterocnemia pennata*) and availability of food in the Andean Precordillera (Mendoza, Argentina). *Emu*, 107(1): 52-58.

Razafimanjato G., Antanarivo B.P., de Roland L.R., Rabearivony J. & Thorstrom R. 2007. Nesting biology and food habits of the **peregrine falcon** (*Falco peregrinus radama*) in the south-west and central plateau of Madagascar. *Ostrich: Journal of African Ornithology*, 78(1): 7-12.

Sandell M.I., Adkins-Regan E. & Ketterson E.D. 2007. Pre-breeding diet affects the allocation of yolk hormones in **zebra finches** *Taeniopygia guttata*. *Journal of Avian Biology*, 38(3): 284-290.

Thongwittaya N. 2007. Substitution of plant protein for fish meal in the diet of laying **ducks**. *Animal Science Journal*, 78(4): 351-355.

Townsend H.M., Maness J.J. & Anderson D.J. 2007. Offspring growth & parental care in sexually dimorphic **Nazca boobies** (*Sula granti*). *Canadian Journal of Zoology*, 85(6): 686-694.

Tjorve K.M.C., Underhill L.G. & Visser G.H. 2007. Pre-fledging energy requirements of the nocturnally fed semi-precocial chicks of the **spotted thick-knee** (*Burhinus capensis*). *Emu*, 107(2): 143-150.

Veng Y., Perng J., Wang J., Weng J. & Hou P.L. 2007. Diet of the **black-faced spoonbill** wintering at Chiku wetland in southwestern Taiwan. *Waterbirds*, 30(1): 86-91

Walker J.S. 2007. Dietary specialization and fruit availability among **frugivorous birds** on Sulawesi. *Ibis*, 149(2): 345-356.

Welch Jr., K.C., Altshuler D.C. & Suarez R.K. 2007. Carbohydrate: top **hummingbird** fuel oxygen consumption rate in hovering hummingbirds reflect substrate-dependent differences in P/O ratios: carbohydrate as a “premium fuel”. *Journal of Experimental Biology*, 210(12): 2146-2153.

Welch Jr., K.C. & Suarez R.K. 2007. Oxidation rate and turnover of ingested sugar in hovering **Anna's (*Calypte anna*) and rufous (*Selasphorus rufus*) hummingbirds**. *Journal of Experimental Biology*, 210(12): 2154-2162.

Wolf P., Habich A.C., Burkle M. & Kamphres J. 2007. Basic data on food intake, nutrient digestibility and energy requirements of **lorikeets**. *Journal of Animal Physiology and Animal Nutrition*, 91(5-6): 282-288.

FEEDS, FORAGES and METHODOLOGY

Akira A. 2007. Estimation of **nutritive value** and **dry matter intake** of **forage**. *Animal Science Journal*, 70(3): 211-217.

a Sinha A. & Asimi O.A. 2007. **China rose (*Hibiscus rosasinensis*)** petals: a potent natural carotenoid source for goldfish (*Carassius auratus* L.). *Aquaculture Research*, 38(11): 1123-1128.

Belesky D.P., Ruckle J.M. & Abaye A.D. 2007. Seasonal distribution of herbage **mass** and **nutritive value** of **prairie grass (*Bromus catharticus*, Uahl)**. *Grass and Forage Science*, 62(3): 301-311.

Cassida K.A., Turner K.E., Forster J.G. & Hesterman O.B. 2007. Comparison of **detergent fiber** analysis methods for **forages** high in pectin. *Animal Feed Science and Technology*, 135(3-4): 283-295.

Clauss M., Besselmann D., Schwarn A., Ortmann S. & Hatt J.M. 2007. Demonstrating **coprophagy** with passage markers? The example of the plains viscocha (*Lagostomus maximus*). *Comparative Biochemistry and Physiology A: Molecular and Integrative Physiology*, 147(2): 453-459.

Fox R.J. & Bellwood D.R. 2007. Quantifying **herbivory** across a **coral reef** depth gradient. *Marine Ecology Progress Series*, 339: 49-59.

Ihl C. & Barboza P.S. 2007. **Nutritional value** of **moss** for arctic ruminants: a test with muskoxen. *Journal of Wildlife Management*, 71(3): 752-758.

Infante J.L.Z. & Caher C.I. 2007. Dietary modulation of some digestive enzymes and metabolic processes in developing marine fish: application to **diet formulation**. *Aquaculture*, 268(1-4): 98-105.

Jones K.M.W. & Krockenberger A.K. 2007. Determining the diet of cryptic folivores: an assessment of **diet analysis techniques** using the green ringtail possum (*Pseudochirops archeri*) as a case study. *Wildlife Research*, 34(5): 352-358.

Jovan S. 2007. **Lichens and nitrogen**. *The Bryologist*, 110(2): 333-335.

Muller C.E., Muller J., Jensen S.K. & Uden P. 2007. **Tocopherol and carotenoid** levels in baled silage and haylage in relation to horse requirements. *Animal Feed Science and Technology*, 137(1-2): 182-197.

Muller C.E., Pauley T.M. & Uden P. 2007. Storage of small **bale silage and haylage** – influence of storage period on fermentation variables and microbial composition. *Grass and Forage Science*, 62(3): 274-283.

Pamo E.T., Boukila B., Fonteh F.A., Tendonkeng F., Kana J.R. & Nanda A.S. 2007. **Nutritive value** of some **grasses and leguminous tree leaves** of the central region of Africa. *Animal Feed Science and Technology*, 135(3-4): 273-282.

Ruiz O., Medina G.R., Cohen R.G., Amat F. & Navarro J.C. 2007. Diversity of the **fatty acid composition** of *Artemia* spp. cysts from Argentinean populations. *Marine Ecology Progress Series*, 335: 155-165.

Wirsing A.J. & Murray D.L. 2007. **Food supplementation experiments** revisited: verifying that supplemental food is used by its intended recipients. *Canadian Journal of Zoology*, 85(6): 679-685.

FISH (Aquaria)

Abidi S.F. & Khan M.A. 2007. Dietary leucine requirement of fingerling **Indian major carp, *Labeo rohita*** (Hamilton). *Aquaculture Research*, 38(5): 478-486

a Sinha A. & Asimi O.A. 2007. China rose (*Hibiscus rosasinensis*) petals: a potent natural carotenoid source for **goldfish (*Carassius auratus* L.)**. *Aquaculture Research*, 38(11): 1123-1128.

Behrens M.D. & Lafferty K.D. 2007. Temperatures and diet effects on **omnivorous fish** performance: implications for the latitudinal diversity gradient in **herbivorous fishes**. *Canadian Journal of Fisheries and Aquatic Sciences*, 64(6): 867-873.

Dai X., Shu M., Fang W. 2007. Histological and ultrastructural study of the digestive tract of **rice field eel, *Monopterus albus***. *Journal of Applied Ichthyology*, 23(2): 177-183.

Ghosh S., Sinha A. & Sahu C. 2007. Effect of probiotic on reproductive performance in female live bearing **ornamental fish**. *Aquaculture Research*, 38(5): 518-526.

Infante J.L.Z. & Caher C.I. 2007. Dietary modulation of some digestive enzymes and metabolic processes in **developing marine fish**: application to diet formulation. *Aquaculture*, 268(1-4): 98-105.

Katayose M., Yoshida K., Achiwa N. & Eguchi M. 2007. Safety of **electrolyzed seawater** for use in aquaculture. *Aquaculture*, 264(1-4): 119-129.

Lamarre S.G., Le Francois N.R., Lemieux H., Falk-Petersen I. & Bitter P.U. 2007. The digestive and metabolic enzyme activity profiles of a **nonmetamorphic marine fish** species: effects of feed type and feeding level. *Canadian Journal of Fisheries and Aquatic Sciences*, 64(6): 849-856.

Martinez-Cardenas L. & Purser G.J. 2007. Effect of tank color on *Artemia* ingestion, growth and survival in cultured early juvenile **pot-bellied seahorse (*Hippocampus abdominalis*)**. *Aquaculture*, 264(1-4): 92-100.

Phillips E.C., Ewert Y. & Speares P.A. 2007. Fecundity, age and growth and diet of ***Fundulus diaphanous* (Banded killifish)** in Presque Isle Bay, Lake Erie. *Northeastern Naturalist*, 14(2): 251-268.

Sheng J., Lin Q., Chen Q., Shen L. & Lu J. 2007. Effect of starvation on the initiation of feeding, growth and survival rate of **juvenile seahorse, *Hippocampus trimaculatus*, Leach and *Hippocampus kuda*, Bleeker**. *Aquaculture*, 271(1-4).

Silva C.R., Gomes L.C. & Brandao F.R. 2007. Effect of feeding rate and frequency on **tambaqui (*Colossoma macropomum*)** growth, production and feeding costs during the first growth in cages. *Aquaculture*, 264(1-4): 135-139.

Smith D.M., Tabrett, S.J., Glencross B.D., Irvin S.J. & Barclay M.C. 2007. Digestibility of lupin kernel meals in feeds for **monodon**. *Aquaculture*, 264(1-4): 353-366.

Wood C.M., Kajimura M., Bucking C. & Walsh P.J. 2007. Osmoregulation, ion regulation and acid-base regulation by the gastrointestinal tract after feeding in the **elasmobranch (*Squalus acanthias*)**. *Journal of Experimental Biology*, 210(8): 1335-1349.

FOOD SAFETY

Chan P., Xia Q. & Fu P. 2007. **Ginkgo biloba** leave extract: biological, medicinal and toxicological effects. *Journal of Environmental Science and Health Part C*, 25(3): 211-244.

Esteve M.J. & Frigola A. 2007. Refrigerated **fruit juices**: quality and safety issues. *Advances in Food and Nutrition Research*, 52: 103-139.

Lacasse C., Gamble K.C., Poppenga R.H., Faringa L.L., Landolfi J. & Terio K. 2007. **Taxus sp. intoxication** in three Francois' langurs (*Trachypithecus francoisi*). Journal of Veterinary Diagnostics and Investigation, 19(2): 221-224.

Szczepaniak K., Astel A., Simeonov V., Tscekovski S., Biziuk M., Bode P. & Przyjazny A. 2007. Comparison of dry and living ***Spagnum palustre* moss** samples in determining their biocumulative capability as biomonitoring tools. Journal of Environmental Science and Health, Part A: Toxic/Hazardous Substances and Environmental Engineering, 42(8): 1101-1116.

INVERTEBRATES (terrestrial and aquatic)

Bauerfeind S.S., Fischer K., Hartstein S., Janowitz S. & Martin-Creuzburg D. 2007. Effects of adult nutrition on female reproduction in a **fruit-feeding butterfly**: the role of fruit decay and dietary lipids. Journal of Insect Physiology, 53(9): 964-973.

Boyd R.S., Davis M.A., Wall D.M. & Balklevile K. 2007. Host-herbivore studies of ***Stenoscepa* sp.** (Orthoptera: Pyrgomorphidae), a high-Ni herbivore of the South African Ni hyperaccumulator *Berkheya coddii* (Asteraceae). Insect Science, 14(2): 133-143.

Butt D., Aladaileh S., O'Connor W.A. & Rafton D.A. 2007. Effect of starvation on biological factors related to immunological defence in the **Sydney rock oyster (*Saccostrea geomerata*)**. Aquaculture, 264(1-4): 82-91.

Cook E.J. & Kelly M.S. 2007. Effect of variation in the protein value of the red macroalga *Palmaria palmate* on the feeding, growth and gonad composition of the **sea urchins *Psammechinus miliaris* and *Paracentrotus lividus*** (Echinodermata). Aquaculture, 270(1-4): 207-217.

Cutolo de Araejo, M. & Valenti W.C. 2007. Feeding habit of the **river prawn *Macrobrachium amazonicum*** larvae. Aquaculture, 265(1-4): 187-193.

Dickey B.F. & McCarthy T.M. 2007. Predator-prey interactions between **crayfish (*Orconectes juvenilis*)** and **snails (*Physa gyrina*)** are affected by spatial scale and chemical cues. Invertebrate Biology, 126(1): 57-66.

Domingues P.M., Lopez N., Munoz J.A., Maldonado T., Gaxiola G. & Rsas C. 2007. Effects of a dry pelleted diet on the growth and survival of the **Yucatan octopus, *Octopus maya***. Aquaculture Nutrition, 13(4): 273-280.

Edward R.L. & Edwards A.D. 2006. Life history and ecology of the **armored spider *Monoblemma muchmorei*** (Araneae, Tetrablemmidae). Journal of Arachnology, 34(3): 599-609.

Engels S. & Sauer K.P. 2007. Energy beyond the pupal stage: larval nutrition and its long-time consequences for male mating performance in the **scorpion fly**. Journal of Insect Physiology, 53(7): 633-638.

- Gil D.D. & Zaixso H.E. 2007. The relationship between feeding and reproduction in **Anasterias minuta** (Asteroidea: Forcipulata). *Marine Biology Research*, 3(4): 256-264.
- Glendinning J.I., Jeurd A. & Reinherz A.T. 2007. The hungry **caterpillar**: an analysis of how carbohydrates stimulate feeding in **Manduca Sexta**. *Journal of Experimental Biology*, 210(17): 3054-3067.
- Hahn D.A. & Denlinger D.L. 2007. Meeting the needs of **insect diapause**: nutrient storage and utilization. *Journal of Insect Physiology*, 53(8): 760-773.
- Hocking M.D., Darimont C.T., Christie K.S. & Reimchen T.E. 2007. Niche variation in **burying beetles (Nicrophorus spp.)** associated with marine and terrestrial carrion. *Canadian Journal of Zoology*, 85(3): 437-442.
- Iglesias J., Sanchez F.J., Bersano J.G.F., Carrasco J.F., Dhont J., Fuentes L., Linares F., Munoz J.A., Okumira S. & Roo J. 2007. Rearing of **Octopus vulgaris paralarvae**: present status, bottleneck and trends. *Aquaculture*, 266(1-4): 1-15.
- Katayose M., Yoshida K., Achiwa N. & Eguchi M. 2007. Safety of **electrolyzed seawater** for use in aquaculture. *Aquaculture*, 264(1-4): 119-129.
- Keiron P.P., Fraser A.C & Peck L.S. 2007. Growth in the slow lane: protein metabolism in the **Antarctic limpet Nacella concinna** (Strebel 1908). *Journal of Experimental Biology*, 210: 2601-2699.
- Lui H., Kelly M.S., Cook E.J., Black K., Orr H., Zhu J.X. & Dong S.L. 2007. The effect of diet type on growth and fatty acid composition of the **sea urchin larvae, II, Psammechinus miliaris** (Gmelin). *Aquaculture*, 264(1-4): 263-278.
- Manning R., Rutkey A., Eaton L. & Dell B. 2007. Lipid-enhanced pollen and lipid-reduced flour diets and their effect on the longevity of **honey bees (Apis mellifera, L.)**. *Australian Journal of Entomology*, 46(3): 251-257.
- Mazon M.J., Pidecausa M.A., Hernandez M.D. & Garcia B.G. 2007. Evaluation of environmental nitrogen and phosphorous contributions as a result of intensive ongrowing of common **octopus (Octopus vulgaris)**. *Aquaculture*, 266(1-4): 226-235.
- McGaw I.J. 2007. Gastric processing and evacuation during emersion in the **red rock crab Cancer productus**. *Marine and Freshwater Behavior and Physiology*, 40(2): 117-132.
- Pavasovic A., Anderson A.J., Mather P.B. & Richardson N.A. 2007. Influences of dietary protein on digestive enzyme activity, growth and tail muscle composition of **redclaw crayfish Cherax quarcarinatus (von Martens)**. *Aquaculture Research*, 38(6): 644-652.

Rosas C., Cuzon G., Pascual C., Gaxiola G., Chay D., Lopez N., Maldonado T. & Dominques P.M. 2007. Energy balance of **Octopus maya** fed crab or an artificial diet. *Marine Biology*, 152(2): 371-381.

Simon C.J. & James P.J. 2007. The effect of different holding systems and diets on the performance of **spiny lobster juveniles** *Jasus edwardsii* (Hutton, 1875). *Aquaculture*, 266(1-4): 166-178.

Spooner E.H., Colenas R.A. & Attrill M.J. 2007. Sex differences in body morphology and multitrophic interactions involving the foraging behavior of the **crab** *Garcinus maenas*. *Marine Ecology*, 28(3): 394-403.

Viana M.T., Correa G., Lazo J.P., Frias-Diaz R., Durazo-Beltran E. & Vasquez-Pelaez C. 2007. Digestive physiology and metabolism of **green abalone** *Haliotis fulgens* from postlarvae to juvenile fed three different diatoms. *Aquaculture*, 271(1-4): 449-460.

Zhang W., Mai K., Xu W., Tan B., Ai Q., Liufu Z., Ma H. & Wang X. 2007. Interaction between vitamins A and D on growth and metabolic responses of **abalone** *Haliotis discus hammai*, **Ino**. *Journal of Shellfish Research*, 26(1): 51-58.

Zhou J., Zhou Q., Chi S., Yang Q. & Lui C. 2007. Optimal dietary protein requirement for juvenile **ivory shell**, *Bablonia areolata*. *Aquaculture*, 270(1-4): 186-192.

MAMMALS

Adkesson M.J. & Langan J.W. 2007. Metabolic bone disease in juvenile **Humboldt penguins** (*Spheniscus humboldti*): investigation of ionized calcium, parathyroid hormone, and vitamin D₃ as diagnostic parameters. *Journal of Wildlife Medicine*, 38(1): 85-92.

Beck C.A., Iverson S.J., Bowen W.D. & Blanchard W. 2007. Sex differences in **gray seal** diet reflect seasonal variation in foraging behavior and reproductive expenditure: evidence from quantitative fatty acid signature analysis. *Journal of Animal Ecology*, 76(3): 490-502.

Belcher C.A., Nelson J.L. & Darrant J.P. 2007. Diet of the **tiger quoll** (*Dasyurus maculates*) in south-eastern Australia. *Australian Journal of Zoology*, 55(2): 117-122.

Bissett C. & Bernard R.T.F. 2007. Habitat selection and feeding ecology of the **cheetah** (*Acinonyx jubatus*) in thicket vegetation: is the cheetah a savanna specialist? *Journal of Zoology*, 271(3): 310-317.

Borcherding F. & Wohrmonn-Repenning A. 2007. Taste buds and vomeronasal olfaction in some **primates**. *Mammalian Biology*, 72(3): 174-178.

Bovera F., Cutrignelli M.I., Calabro S., Piccolo G., Tudisco R., Urso S. & Infascelli F. 2007. Use of two different dietary energy and protein contents to define nutritive requirements of **lactating buffalo cows**. *Journal of Animal Physiology and Animal Nutrition*, 91(5-6): 181-186.

Bradshaw S.D. & Bradshaw F.J. 2007. Isotopic measurement of field metabolic rate (FMR) in the marsupial **honey possum** (*Tarsipes rostratus*). *Journal of Mammalogy*, 88(2): 401-407.

Brewer C.E. & Harveson L.A. 2007. Diets of **bighorn sheep** in the Chihuahuan desert, Texas. *Southwestern Naturalist*, 52(1): 97-103.

Canepuccia A.D., Martinez M.M. & Vassallo A.I. 2007. Selection of waterbirds by **Geoffrey's cat**: effects of prey abundance, size and distance. *Mammalian Biology*, 72(3): 163-173.

Careau V., Morand-Ferron J. & Thomas D. 2007. Basal metabolic rates of **canidae** from hot deserts to cold arctic climates. *Journal of Mammalogy*, 88(2): 394-400.

Clauss M., Besselmann D., Schwarn A., Ortmann S. & Hatt J.M. 2007. Demonstrating coprophagy with passage markers? The example of the **plains viscocha** (*Lagostomus maximus*). *Comparative Biochemistry and Physiology A: Molecular and Integrative Physiology*, 147(2): 453-459.

Clauss M., Castell J.C., Kienzle E., Schramel P., Dierenfeld E.S., Flach E.J., Behlert O., Streich W.J., Hummel J. & Hatt J.M. 2007. Mineral absorption in the **black rhinoceros** (*Diceros bicornis*) as compared to the domestic **horse**. *Journal of Animal Physiology and Animal Nutrition*, 91(5-6): 193-204.

Clauss M., Firzloff U., Castell J.C., Kiefer B., Streich W.J. & Liesegang A. 2007. Effect of captivity and mineral supplementation on body composition and mineral status of **mustached bats** (*Pteronotus parnellii rubiginosus*). *Journal of Animal Physiology and Animal Nutrition*, 91(5-6): 187-192.

Codron D., Lee-Thorp J.A., Sponheimer M., Codron J., de Ruiter D., & Brink J.S. 2007. Significance of diet type and diet quality for ecological diversity of **African ungulates**. *Journal of Animal Ecology*, 76(3): 526-537.

Crater A.R. & Barboza P.S. 2007. The rumen in winter: cold shocks in naturally feeding **musk oxen** (*Ovibos moschatus*). *Journal of Mammalogy*, 88(3): 625-631.

Dell'Arte G.L., Laaksonen T., Norrdahl K. & Korpimäki E. 2007. Variation in the diet composition of a generalist predator, the **red fox**, in relation to season and density of main prey. *Acta Oecologica*, 31(3): 276-281.

Elgruta E.I., Valenzuela J. & Rau R.R. 2007. New insights into the prey spectrum of **Darwin's fox** (*Pseudalopex fulvipes*, **Martin, 1837**) on Chiloe Island, Chile. *Mammalian Biology*, 72(3): 179-185.

Freeman P.W. & Lemen C.A. 2007. Using scissors to quantify hardness of insects: do **bats** select for size or hardness? *Journal of Zoology*, 271(4): 469-476.

Gero S. & Whitehead H. 2007. Suckling behavior in **sperm whale calves**: observations and hypotheses. *Marine Mammal Science*, 23(2): 398-413.

- Gillam E.H. 2007. Eavesdropping by **bats** on the feeding buzzes of conspecifics. *Canadian Journal of Zoology*, 85(7): 795-780.
- Gossellin J., Wren J.A. & Sunderland S.J. 2007. **Canine** Obesity – an overview. *Journal of Veterinary Pharmacology and Therapeutics*, 30(S1): 1-10.
- Gray S.S., Simpson T.R., Baccus J.T., Manning R.W. & Schwertner T.W. 2007. Seasonal diet and foraging preference of **Greater Kudu *Tragelaphus strepsiceros*** in the Llano Uplift of Texas. *Wildlife Biology*, 13(1): 75-83.
- Helm-Bjorkman A., Reunane V., Meu P. & Tulamo R.M. 2007. *Panax ginseng* in combination with brewer's yeast (Gerivit) as a stimulant for geriatric **dogs**: a controlled-randomized blinded study. *Journal of Veterinary Pharmacology and Therapeutics*, 30(4): 295-304.
- Ihl C. & Barboza P.S. 2007. Nutritional value of moss for arctic ruminants: a test with **muskoxen**. *Journal of Wildlife Management*, 71(3): 752-758.
- Jones K.M.W. & Krockenberger A.K. 2007. Determining the diet of cryptic folivores: an assessment of diet analysis techniques using the **green ringtail possum (*Pseudocheirops archeri*)** as a case study. *Wildlife Research*, 34(5): 352-358.
- Junge, R.E. & Louis E.E. 2007. Biomedical evaluation of **black lemurs (*Eulemur macaco macaco*)** in Lokobe Reserve, Madagascar. *Journal of Zoo and Wildlife Medicine*, 38(1): 62-66.
- Klop E., van Goethem J. & de Longh H.H. 2007. Resource selection by **grazing herbivores** in post-fire re-growth in a west African woodland savanna. *Wildlife Research and Management*, 34(2): 77-83.
- Lacasse C., Gamble K.C., Poppenga R.H., Faringa L.L., Landolfi J. & Terio K. 2007. *Taxus sp.* intoxication in three **Francois' langurs (*Trachypitecus francoisi*)**. *Journal of Veterinary Diagnostics and Investigation*, 19(2): 221-224.
- Len N.T., Lindberg J.E. & Ogle B. 2007. Digestibility and nitrogen retention of diets containing different levels of fiber in local (Mong Cai), F1 (Mong Cai x Yorkshire) and exotic (Landrace x Yorkshire) growing **pigs** in Vietnam. *Journal of Animal Physiology and Animal Nutrition*, 91(7-8): 297-303.
- Lopez-Wilchis R. & Torres-Flores J.W. 2007. Diet of the **Jalapan pine vole (*Microtus quasiater*)** in mature mountain cloud forest. *Journal of Mammalogy*, 88(2): 515-518.
- Mansson J., Andren H., Pehrson A. & Bergstrom R. 2007. **Moose** browsing and forage availability: a scale-dependent relationship. *Canadian Journal of Zoology*, 85(3): 372-380.
- Mellish J.E., Horning M. & York A.E. 2007. Seasonal and spatial blubber depth changes in captive **harbor seals (*Phoca vitulina*)** and **Stellar's sea lions (*Eumetopias jubatus*)**. *Journal of Mammalogy*, 88(2): 408-414.

- Muller C.E., Muller J., Jensen S.K. & Uden P. 2007. Tocopherol and carotenoid levels in baled silage and haylage in relation to **horse** requirements. *Animal Feed Science and Technology*, 137(1-2): 182-197.
- Nishida T., Eruden B., Hosoda K., Matsuyama H., Xu C. & Shioya S. 2007. Digestibility, methane production and chewing activity of **steers** fed whole-crop round bale corn silage preserved at three maturities. *Animal Feed Science and Technology*, 135(1-2): 42-51.
- Ozaki M., Suwa G., Kaji K., Ohba T., Hosoi E., Korizumi T. & Takatsuki S. 2007. Correlations between feeding type and mandibular morphology in the **sika deer**. *Journal of Zoology*, 272: 244-257.
- Panousis N., Giadinis N., Roubies N., Fytianou A., Kalaitzakis E., Pourliotis K., Polizopoulou Z. & Karatzias H. 2007. Selenium, vitamin E and vitamin A status in dairy **sheep** reared under different feeding systems in Greece. *Journal of Veterinary Medicine, Series A*, 54(3): 123-127.
- Perry D.L., Spedick J.M., McCory T.P., Adams M.R., Franke A.A. & Cline J.M. 2007. Dietary soy protein containing isoflavonoids does not adversely affect the reproductive tract of male **cynomolgus macaques** (*Macaca fascicularis*). *Journal of Nutrition*, 137: 1390-1394.
- Peterson C. & Messmer A. 2007. Effects of winter feeding on **mule deer** in northern Utah. *Journal of Wildlife Management*, 71(5): 1440-1445.
- Puig S., Videla F., Cona M.I. & Monge S.A. 2007. Diet of the **brown hare** (*Lepus europaeus*) and food availability in northern Patagonia (Mendoza, Argentina). *Mammalian Biology*, 72(4): 240-250.
- Rakotoarivelo A.R., Ranaivoson, Ramilijaona O.R., Kofoky A.F., Racey P.A. & Jenkins R.K.B. 2007. Seasonal food habits of five sympatric **microchiropterans** in western Madagascar. *Journal of Mammalogy*, 88(4): 951-958.
- Ramzinski D.M. & Wecherly F.W. 2007. Scaling relationship between body weight and fermentation gut capacity in **axis deer**. *Journal of Mammalogy*, 88(2): 415-420.
- Sameliles G., Alisauskas R.T. & Lariviere S. 2007. Survival rate of experimental food caches: implications for **arctic foxes**. *Canadian Journal of Zoology*, 85(3): 397-403.
- Sauve D.G. & Cote S.D. 2007. Winter forage selection in **white-tailed deer** at high density: balsam fir is the best of bad choice. *Journal of Wildlife Management*, 71(3): 911-914.
- Sins J.A., Parsons J.L., Bissell H.A., Sikes R.S., Ouellette J.R. & Rude B.J. 2007. Determination of bamboo-diet digestibility and fecal output by **giant pandas**. *Ursus*, 18(1): 38-45.
- Squires J.R. & Ruggiero L.F. 2007. Winter prey selection of **Canada lynx** in northwestern Montana. *Journal of Wildlife Management*, 71(2): 310-315.

Thabab A., Li G., Wang Y., Zhao H., Helges K.M., Lin L., Jones G. & Zhang S. 2007. Echolocation calls, diet and phylogenetic relationship of **Stoliczka's strident bat** (*Aselliscus stoliczkanus*, **Hipposideridae**). *Journal of Mammalogy*, 88(3): 736-744.

Thremann G.W., Iverson S.J. & Stirling I. 2007. Variability in the blubber fatty acid composition of **ringed seals** (*Phoca hispida*) across the Canadian arctic. *Marine Mammal Science*, 23(2): 241-261.

Tracy C.R., McWhorter T.J., Korine C., Wojciechowski M.S., Pinshow B. & Karasov W.H. 2007. Absorption of sugars in the **Egyptian fruit bat** (*Rousettus aegyptiacus*): a paradox explained. *Journal of Experimental Biology*, 210: 1726-1734.

Tran J.L., Horvath C., Krammer S., Holler U. & Zentek J. 2007. Blood vitamin concentrations in privately owned **dogs** fed non-standardized commercial diets and after intake of diets with specialized vitamin concentrations. *Journal of Animal Physiology and Nutrition*, 91(1-2): 40-47.

Walker R.S., Novaro A.J., Perovic P., Palacios R., Donadio E., Lucherine M., Pia M. & Lopez M.S. 2007. Diets of three species of **Andean carnivores** in high-altitude deserts of Argentina. *Journal of Mammalogy*, 88(2): 519-525.

Way J.G. 2007. A comparison of body mass of *Canis latrans* (**Coyotes**) between Eastern and Western North America. *Northeastern Naturalist*, 14(1): 111-124.

Wichert B., Muller L., Gebert S., Wink C. & Wanner M. 2007. Additional data on energy requirements of young adult **cats** measured by indirect calorimetry. *Journal of Animal Physiology and Animal Nutrition*, 91(5-6): 278-281.

Yeates L.C., Williams T.M. & Fink T.L. 2007. Diving and foraging energetics of the smallest marine mammal, the **sea otter** (*Enhydra lutris*). *Journal of Experimental Biology*, 210(11): 1960-1970.

Zhang L., Liang B., Parsons S., Wei L. & Zhang S. 2007. Morphology, echolocation and foraging behavior in two sympatric sibling species of **bat** (*Tylonycteris pachypus* and *Tylonycteris robustula*) (Chiroptera: Vespertilionidae). *Journal of Zoology*, 271(3): 344-351.

NUTRITIONAL PATHOLOGY and CLINICAL NUTRITION

Adkesson M.J. & Longon J.N. 2007. **Metabolic bone disease** in juvenile Humboldt penguins (*Spheniscus humboldti*): investigation of ionized calcium, parathyroid hormone and vitamin D₃ as diagnostic parameters. *Journal of Zoo and Wildlife Medicine*, 38(1): 85-92.

Campbell S.J. 2007. Nutritional considerations for animals with **pulmonary disease**. *Veterinary Clinics of North America: Small Animal Practice*, 37(5): 989-1006.

Gancz A.Y., Wellebas F.X., Boutette J., Malka S., Lee S.E., Smith D.A. & Taylor M. 2007. **Diabetes mellitus** concurrent with **hepatic haemosiderosis** in blue macaws (*Ara severa*, *Ara militaris*). *Avian Pathology*, 36(4): 331-336.

Gartrell B.D. & Reid C. 2007. Death by **chocolate**: a fatal problem for an inquisitional parrot. *New Zealand Veterinary Journal*, 55(3): 149-151.

Helm-Bjorkman A., Reunane V., Meu P. & Tulamo R.M. 2007. *Panax ginseng* in combination with **brewer's yeast (Gerivit)** as a **stimulant** for geriatric dogs: a controlled-randomized blinded study. *Journal of Veterinary Pharmacology and Therapeutics*, 30(4): 295-304.

Rainwater D.L., Mahaney M.C., VandeBerg J.L. & Wang X.L. 2007. **Vitamin E** dietary supplementation significantly affects multiple risk factors for **cardiovascular disease** in baboons. *American Journal of Clinical Nutrition*, 86(3): 597-603.

Santosh P., Lall L.M. & McGrea L. 2007. Role of nutrients in **skeletal metabolism** and **pathology** in fish. *Aquaculture*, 267(1-4): 3-19.

Steinmetz H.W., Clauss M., Feige K., Thio K.F., Isenbugel E. & Hatt J.M. 2007. Recurrent tongue constriction in a captive **giant anteater (*Myrmecophaga tridactyla*)**. *Journal of Zoo and Wildlife Medicine*, 38(1): 146-149.

REPTILES

Bardwell J.H., Ritzi C.M. & Parkhurst J.A. 2007. Dietary selection among different size classes of larval *ambystoma jeffersonianum* (**Jefferson salamanders**) *Northeastern Naturalist*, 14(2): 279-292.

Chu J., Chen S. & Huang C. 2007. Effect of dietary iron concentrations on growth, hematological parameters and lipid peroxidation of **soft-shelled turtles *Pelodiscus sinensis***. *Aquaculture*, 269(1-4): 532-531.

De Albuquerque N.R., Galatti U. & Di-Bernardo M. 2007. Diet and feeding behavior of the neotropical **parrot snake *Leptophis altaetulla*** in northern Brazil. *Journal of Natural History*, 41(17-20): 1237-1243.

Germano D.J., Smith P.T. & Tabor S.P. 2007. Food habits of the **blunt-nosed leopard lizard (*Gambelia sila*)**. *The Southwestern Naturalist*, 52(2): 310-318.

Liesegang A., Hatt J.M. & Wanner M. 2007. Influence of different dietary calcium levels on the digestibility of Ca, Mg and P in **Hermann's tortoises (*Testudo hermanni*)**.

Luiselli L., Capizzi D., Filippi E., Anibaldi C., Rugiero L. & Capula M. 2007. Comparative diets of three populations of an **aquatic snake (*Natrix* and *Essellata*, *Columbidae*)** from Mediterranean streams with different hydric regimes. *Copeia*, 2: 426-435.

McCue M.D. 2007. **Snakes** survive starvation by employing supply- and demand-side economic strategies. *Journal of Zoology*, 110(4): 318-327.

Parker J.M. & Anderson S.H. 2007. Ecology and behaviors of the **midget faded rattlesnake (*Crotalus oreganos concolor*)** in Wyoming. *Journal of Herpetology*, 41(1): 41-51.

Rice A.N., Ross J.P., Woodward A.R., Carbonneau D.A. & Percival H.F. 2007. **Alligator** diet in relation to alligator mortality on Lake Griffin, Florida. *Southeastern Naturalist*, 6(1): 97-110.

Seney E.E. & Musik, J.A. 2007. Historical diet analysis of **loggerhead sea turtles** (*Caretta caretta*) in Virginia. *Copeia*, 2: 478-489.

Starck J.M., Cruz-Neto A.P. & Abe A.S. 2007. Physiological and morphological responses to feeding in **broad-nosed Caiman** (*Caiman latirostris*). *Journal of Experimental Biology*, 210(12): 2033-2045.

Steinberg D.S., Powell S.D., Powell R., Parmerlee Jr. J.S., & Henderson R.W. 2007. Population densities, water-loss rates and diets of *Sphaerodactylus vincenti* on St. Vincent, West Indies. *Journal of Herpetology*, 41(2): 330-336.

Vitt L.J., Shepard D.B., Caldwell J.P., Vieria G.H.C., Franca F.G.R. & Colli G.R. 2007. Living with your food: **geckos** in termitaria of Cantao. *Journal of Zoology*, 272(3): 321-328.

Walde A.D., Delaney D.K., Harless M.L. & Pater L.L. 2007. Osteophagy by the **desert tortoise** (*Gopherus agassizii*). *Southwestern Naturalist*, 52(1): 147-149.

Witt M.J., Broderick A.C., Johns D.J., Martin J.C., Penrose R., Hoogmoed M.S. & Godly B.J. 2007. Prey landscapes help identify potential foraging habitats for **leatherback turtles** in the northeast Atlantic. *Marine Ecology Program Series*, 337: 231-234.