

INDEX, SUBJECT* — INDEKS, ONDERWERP

Volume 76 · Jaargang 76 — 2005

No. 1 — March · Maart: 1–52

No. 2 — June · Junie: 53–122

No. 3 — September: 123–184

No. 4 — December · Desember: 185–242

Anaesthesiology

- Anaesthesia of nyala (*Tragelaphus angasi*) with a combination of thiafentanil (A3080), medetomidine and ketamine 18
- Post-anaesthetic myelomalacia in a horse 36
- Analgesic and systemic effects of xylazine, lidocaine and their combination after subarachnoid administration in goats 79
- Effects of xylazine, lignocaine and their combination for lumbar epidural analgesia in water buffalo calves (*Bubalus bubalis*) . . 151
- Acute aortic rupture in a dog with spirocercosis following the administration of medetomidine 159
- Reversible anaesthesia of free-ranging lions (*Panthera leo*) in Zimbabwe 187

Animal husbandry

- Effect of mastitis on macro-minerals of bovine milk and blood serum in Sudan 22
- Microbiological quality of goat's milk obtained under different production system 69

Avian (poultry, ostriches, cage birds)

- Small intestinal foreign body in an adult Eclectus parrot (*Eclectus roratus*) 46

Bacterial, mycoplasmal and fungal diseases

- Effect of mastitis on macro-minerals of bovine milk and blood serum in Sudan 22
- Aeromonas hydrophila*-associated skin lesions and septicaemia in a Nile crocodile (*Crocodylus niloticus*) 40
- Inhibition of bacterial growth by different mixtures of propofol and thiopentone 85
- Acute aortic rupture in a dog with spirocercosis following the administration of medetomidine 159
- Caprine vertebral osteomyelitis caused by *Rhodococcus equi* 163
- A report of anthrax in cheetahs (*Acinonyx jubatus*) in Botswana 186
- In vitro* antimicrobial susceptibility of *Mycoplasma mycoides mycoides* large colony and *Arcanobacterium pyogenes* isolated from clinical cases of ulcerative balanitis and vulvitis in Dorper sheep in South Africa 204

Bovine

- Epidemiology and control of trematode infections in cattle in Zimbabwe: a review 9
- Effect of mastitis on macro-minerals of bovine milk and blood serum in Sudan 22
- Participatory rural appraisal to investigate constraints in reporting cattle mortalities in the Odi district of North West Province, South Africa 209
- Prevalence of genital campylobacteriosis and trichomonosis in crossbred breeding bulls kept on zero-grazed smallholder dairy farms in the Tanga region of Tanzania 224

Canine

- Cardiac involvement in canine babesiosis 4
- Papillary ovarian cystadenocarcinoma in a dog 43
- Canine cutaneous neoplasms: prevalence and influence of age, sex and site on the presence and potential malignancy of cutaneous neoplasms in dogs from Zimbabwe 59
- Serosurvey for canine distemper virus exposure in dogs in communal lands in Zimbabwe 104
- First report of suspected ethylene glycol poisoning in 2 dogs in South Africa 116
- Lymphangiosarcoma of dogs: a review 127
- Comparison of effects of uncomplicated canine babesiosis and canine normovolaemic anaemia on abdominal splanchnic Doppler characteristics – A preliminary investigation 138
- The pharmacokinetics of diminazene aceturate after intramuscular administration in healthy dogs 146
- Acute rupture in a dog with spirocercosis following the administration of medetomidine 159
- Lymphangiosarcoma in a 3.5-year-old Bullmastiff bitch with vaginal prolapse, primary lymph node fibrosis and other congenital defects 165

Caprine

- The possible role of *Ostertagia circumcincta*, coccidiosis and dietary protein level in the development of swelling disease in Angora goat kids 63
- Microbiological quality of goat's milk obtained under different production systems 69
- Seasonal occurrence and production effects of the biting louse *Damalinia limbata* on Angora goats and 2 treatment options . . 74
- Analgesic and systemic effects of xylazine, lidocaine and their combination after subarachnoid administration in goats 79
- Caprine vertebral osteomyelitis caused by *Rhodococcus equi* 163

Clinical pathology

- Clinical and clinicopathological changes in 6 healthy ponies following intramuscular administration of multiple doses of imidocarb dipropionate 26

*Parasitological Society of Southern Africa congress abstracts are indexed under Parasitology.

The effect of water intake prior to blood sampling on packed cell volume in sheep	33
Comparison of effects of uncomplicated canine babesiosis and canine normovolaemic anaemia on abdominal splanchnic Doppler characteristics – A preliminary investigation	138
Katkor® cat litter, a non-invasive method of collecting cat urine for phosphate determination	233
Epidemiology	
Epidemiology and control of trematode infections in cattle in Zimbabwe: a review	9
Participatory rural appraisal to investigate constraints in reporting cattle mortalities in the Odi district of North West Province, South Africa	209
The impact of 2 dipping systems on endemic stability to bovine babesiosis and anaplasmosis in cattle in 4 communally grazed areas in Limpopo Province, South Africa	217
Equine	
Post-anaesthetic myelomalacia in a horse	36
<i>Datura</i> contamination of hay as the suspected cause of an extensive outbreak of impaction colic in horses	107
Tracheal perforation managed by temporary tracheostomy in a horse	113
Efficacy of parenteral administration of ivermectin in the control of strongylidosis in donkeys	209
Feline	
Katkor® cat litter, a non-invasive method of collecting cat urine for phosphate determination	233
History	
Veterinary education in South Africa: the Class of 1927	124
Homeopathy	
Textbook of veterinary homeopathy – Book review	137
Medicine	
Rationale for using <i>Peltophorum africanum</i> (Fabaceae) extracts in veterinary medicine	54
Neoplasia	
Papillary ovarian cystadenocarcinoma in a dog	43
Canine cutaneous neoplasms: prevalence and influence of age, sex and site on the presence and potential malignancy of cutaneous neoplasms in dogs from Zimbabwe	59
Lymphangiosarcoma of dogs: a review	127
Lymphangiosarcoma in a 3.5-year-old Bullmastiff bitch with vaginal prolapse, primary lymph node fibrosis and other congenital defects	165
Nutrition	
Diagnosis of suspected hypovitaminosis A using magnetic resonance imaging in African lions (<i>Panthera leo</i>)	132
Ovine	
Ulcerative balanitis and vulvitis of Dorper sheep in South Africa: a study on its aetiology and clinical features	197
<i>In vitro</i> antimicrobial susceptibility of <i>Mycoplasma mycoides mycoides</i> large colony and <i>Arcanobacterium pyogenes</i> isolated from clinical cases of ulcerative balanitis and vulvitis in Dorper sheep in South Africa	204
Parasitology	
Third meeting of the Cysticercosis Working Group in Eastern and Southern Africa takes place in Maputo	2
Epidemiology and control of trematode infections in cattle in Zimbabwe: a review	9
The possible role of <i>Ostertagia circumcincta</i> , coccidiosis and dietary protein level in the development of swelling disease in Angora goat kids	63
Seasonal occurrence and production effects of the biting louse <i>Damalinia limbata</i> on Angora goats and 2 treatment options	74
<i>In vitro</i> investigation of the toxic effects of extracts of <i>Allium sativum</i> bulbs on adults of <i>Hyalomma marginatum rufipes</i> and <i>Rhipicephalus pulchellus</i>	99
<hr/>	
Parasitological Society of Southern Africa (PARSA) — Abstracts of papers and posters presented at the 33rd Annual Congress, 12–15 September 2004, Manyane, Pilansberg National Park	
<i>Papers</i>	
Taking a 'try' across the human blood–brain barrier: a new adventure	172
Comparative micromorphological specializations of the Phthiraptera (lice) as revealed by scanning electron microscopy	172
Species specificity in Diplozoidae in freshwater fishes in Vaal Dam	173
Protozoan fish parasites and their implication in aquaculture in the Okavango Delta, Botswana	173
Aspects of the ecology of the Asian tapeworm, <i>Bothriocephalus acheilognathi</i> Yamaguti, 1934, in yellowfish in the Vaal Dam, South Africa	173
New <i>Babesia</i> parasites in cheetahs and other wild felids	173
Screening of 4 anthelmintics for their efficacy against the gill-parasitising monogeneans <i>Calceostoma</i> sp. and <i>Diplectanum</i> sp. from the silver kob, <i>Argyrosomus inodorus</i>	174
Attachment of <i>Nesippus orientalis</i> (Siphonostomatoida: Pandaridae) specimens to their hosts	174
Some responses of salivary glands in female <i>Hyalomma marginatum rufipes</i> to water and garlic	174
Functional micromorphological specializations of the human body louse	174
Micromorphology of sucking lice from Thompson's gazelle	175

Dispersal of ticks and tick-borne diseases by birds	175
Identification of protective antigens from the midgut of <i>Amblyomma hebraeum</i> (Acari: Ixodidae)	175
Missed diagnoses of schistosomiasis (bilharzia)	175
Is parasite diversity an indication of host niche adaptation?	176
Patients with inexplicable complaints of parasite infestation of the skin: differential diagnosis	176
The potential of Neem products for control of African ticks	176
Strigeoid larval stages in fish of the Okavango Delta, Botswana	176
Recent <i>Theileria parva</i> outbreaks and the risk of re-emergence of cattle theileriosis in South Africa	177
A survey of parasitic helminths in equines from communal farms in the northeastern Free State province in South Africa ...	177
Larval digenetic trematode parasites in water bodies in the proximity of Pretoria	177
A survey of coccidian infection (Apicomplexa: Eimeriidae) of freshwater fish in South Africa	178
Diagnosis of <i>Theileria equi</i> in horses belonging to resource-limited farmers in the eastern Free State, South Africa	178
<i>In vitro</i> investigation of the repellent effects of essential oils of <i>Tagetes minuta</i> on <i>Hyalomma marginatum rufipes</i> adults	178
Malaria epidemiology in rice-growing region of northern KwaZulu-Natal in South Africa	178
Description of a new actinosporean type from South African freshwaters	179
Reproductive strategies of branchiurans	179
Burden of malaria in pregnancy in KwaZulu-Natal: preliminary results	179
Aspects of the pathology of <i>Lamproglena clariae</i> from the Vaal River system, South Africa	179
Some aspects of the biology of the monogenean <i>Dendromonocotyle colorni</i> from the skin of stingrays from Sea World at Ushaka Marine World	179
Posters	
Changes in the prevalence and intensity of intestinal protozoan infections in children after receiving anthelmintic treatment	180
Micromorphological specializations of the falcon louse <i>Laemobothrion tinnunculi</i>	180
Parasites of <i>Oreochromis mossambicus</i> as bio-indicators of water quality	180
Some parasitic mites of phytophagous insects from western Iran	180
Parasite diversity of <i>Pseudocrenilabrus philander</i> in farm dams near Pretoria	181
Parasites of <i>Clarias gariepinus</i> as bio-indicators of pollution	181
Detailed morphology of the copepod parasite <i>Nesippus orientalis</i> (Siphonostomatoida, Pandaridae)	181
Livestock diseases in communal grazing areas of the north eastern Free State, South Africa	181
Monogenean parasites of 5 fish species in the Okavango River, Botswana	182
Cercariae shed by freshwater snails around Pretoria, Gauteng	182
Experimental immunization of rabbits against <i>Amblyomma hebraeum</i> using salivary gland lysates and whole tick extracts ...	182
The protozoan blood parasites of the Nile crocodile, <i>Crocodylus niloticus</i> , from the Okavango Delta, Botswana	182
Efficacy of orally administered powdered aloe juice (<i>Aloe Ferox</i>) against ticks on cattle and ticks and fleas on dogs	193
Efficacy of parental administration of ivermectin in the control of strongylidosis in donkeys	214
The impact of 2 dipping systems on endemic stability to bovine babesiosis and anaplasmosis in cattle in 4 communally grazed areas in Limpopo Province, South Africa	217
Pathology	
Papillary ovarian cystadenocarcinoma in a dog	43
Renal medullary AA amyloidosis, hepatocyte dissociation and multinucleated hepatocytes in a 14-year-old free-ranging lioness (<i>Panthera leo</i>)	90
Lymphangiosarcoma of dogs: a review	127
Pharmacology	
Clinical and clinicopathological changes in 6 healthy ponies following intramuscular administration of multiple doses of imidocarb dipropionate	26
Overview of suspected adverse reactions to veterinary medicinal products reported in South Africa (March 2003 – February 2004)	49
Rationale for using <i>Peltophorum africanum</i> (Fabaceae) extracts in veterinary medicine	54
The pharmacokinetics of diminazene aceturate after intramuscular administration in healthy dogs	146
Primary animal health care	
Emerging zoonoses and pathogens of public health concern – Book review	73
Production	
Effects of mastitis on macro-minerals of bovine milk and blood serum in Sudan	22
Microbiological quality of goat's milk obtained under different production systems	69
Seasonal occurrence and production effects of the biting louse <i>Damalima limbata</i> on Angora goats and 2 treatment options ..	74
Protozoal diseases	
Cardiac involvement in canine babesiosis	4
Comparison of effects of uncomplicated canine babesiosis and canine normovolaemic anaemia on abdominal splanchnic Doppler characteristics – A preliminary investigation	138
The impact of 2 dipping systems on endemic stability to bovine babesiosis and anaplasmosis in cattle in 4 communally grazed areas in Limpopo Province, South Africa	217

Prevalence of genital campylobacteriosis and trichomonosis in crossbred breeding bulls kept on zero-grazed smallholder dairy farms in the Tanga region of Tanzania	224
<i>Cryptococcus neoformans</i> granuloma in the lung and spinal cord of a free-ranging cheetah (<i>Acinonyx jubatus</i>). A clinical report and literature review	228
Radiology	
Small intestine foreign body in an adult Eclectus parrot (<i>Eclectus roratus</i>)	46
Spinal spondylosis and acute intervertebral disc prolapse in a European brown bear (<i>Ursus arctos arctos</i>)	120
Diagnosis of suspected hypovitaminosis A using magnetic resonance imaging in African lions (<i>Panthera leo</i>)	132
Reproduction	
Prevalence of genital campylobacteriosis and trichomonosis in crossbred breeding bulls kept on zero-grazed smallholder dairy farms in the Tanga region of Tanzania	224
Surgery	
Tracheal perforation managed by temporary tracheostomy in a horse	113
Toxicology	
<i>In vitro</i> investigation of the toxic effects of extracts of <i>Allium sativum</i> bulbs on adults of <i>Hyalomma marginatum rufipes</i> and <i>Rhipicephalus pulchellus</i>	99
<i>Datura</i> contamination of hay as the suspected cause of an extensive outbreak of impaction colic in horses	107
First report of suspected ethylene glycol poisoning in 2 dogs in South Africa	116
Viral diseases	
Serosurvey for canine distemper virus exposure in dogs in communal lands in Zimbabwe	104
Wildlife / exotic diseases	
Anaesthesia of nyala (<i>Tragelaphus angasi</i>) with a combination of thiafentanil (A3080), medetomidine and ketamine	18
<i>Aeromonas hydrophila</i> -associated skin lesions and septicaemia in a Nile crocodile (<i>Crocodylus niloticus</i>)	40
Renal medullary AA amyloidosis, hepatocyte dissociation and multinucleated hepatocytes in a 14-year-old free-ranging lioness (<i>Panthera leo</i>)	90
Spinal spondylosis and acute intervertebral disc prolapse in a European brown bear (<i>Ursus arctos arctos</i>)	120
Diagnosis of suspected hypovitaminosis A using magnetic resonance imaging in African lions (<i>Panthera leo</i>)	132
Effects of xylazine, lignocaine and their combination for lumbar epidural analgesia in water buffalo calves (<i>Bubalus bubalis</i>) ..	151
A report of anthrax in cheetahs (<i>Acinonyx jubatus</i>) in Botswana	86
Reversible anaesthesia of free-ranging lions (<i>Panthera leo</i>) in Zimbabwe	187
<i>Cryptococcus neoformans</i> granuloma in the lung and spinal cord of a free-ranging cheetah (<i>Acinonyx jubatus</i>). A clinical report and literature review	228
Book reviews	
<i>Emerging zoonoses and pathogens of public health concern</i>	73
<i>Textbook of veterinary homeopathy</i>	137
<i>Infectious diseases of livestock</i> , 2nd edition	232