

Index, Subject — Indeks, Onderwerp

Volume 71 · Jaargang 71 — 2000

No. 1 — March · Maart: 1–66

No. 2 — June · Junie: 67–138

No. 3 — September: 139–208

No. 4 — December · Desember: 209–267

Anaesthesiology

- Hypoxaemia and suspected pulmonary oedema in a Dorper ewe after diazepam-ketamine induction of anaesthesia 64
- Clinical, cardiopulmonary and haemocytological effects of xylazine in goats after acute exposure to different environmental temperature and humidity conditions 153
- Routine veterinary anaesthetic management practices in South Africa 166
- Effects of xylazine on acid-base balance and arterial blood-gas tensions in goats under different environmental temperature and humidity conditions 229
- Isoflurane anaesthesia in an African wild dog, *Lycaon pictus* 246

Anatomy

- Ultrastructural characteristics of ostrich eggshell: outer shell membrane and the calcified layers 97

Avian (poultry, ostriches, cage birds)

- Ultrastructural characteristics of ostrich eggshell: outer shell membrane and the calcified layers 97
- Efficacy of a commercially available coryza vaccine against challenge with recent South African NAD-independent isolates of *Haemophilus paragallinarum* in chickens 109
- Helminth parasites of indigenous chickens in Oodi, Kgatleng District, Botswana 247
- Parasites of domestic pigeons (*Columba livia domestica*) in Sebele, Gaborone, Botswana 249

Bacterial, mycoplasmal and fungal diseases/bacteriology

- Prognostic indicators of *post partum* viability of kids born to *Escherichia coli*-vaccinated or unvaccinated does 47
- Efficacy of a commercially available coryza vaccine against challenge with recent South African NAD-independent isolates of *Haemophilus paragallinarum* in chickens 109
- Evaluation of two PCR-based procedures for typing *Clostridium perfringens* 111
- Progressive atrophic rhinitis in a medium-scale pig farm in Kiambu, Kenya 122
- The occurrence of pollution-induced epitheliocystis-like damage to the gills of *Clarias gariepinus* [abstract] 136

Biotechnology

- Babesia bovis* and *B. bigemina* DNA detected in cattle and ticks from Zimbabwe by polymerase chain reaction 21
- Evaluation of two PCR-based procedures for typing *Clostridium perfringens* 111
- Evaluation of a standardised direct agglutination test for the diagnosis of visceral leishmaniasis in Kenya [abstract] 134
- PCR for the detection and species identification of intestinal microsporidea [abstract] 134

Bovine

- The prevalence of bovine viral diarrhoea antibodies in selected South African dairy herds, and control of the disease 10
- Babesia bovis* and *B. bigemina* DNA detected in cattle and ticks from Zimbabwe by polymerase chain reaction 21
- Effects of anthelmintic treatment and feed supplementation on grazing Tuli weaner steers naturally infected with gastrointestinal nematodes 31
- Bovine mastitis therapy and why it fails 201
- Bone, blood and faecal response to an acidogenic lick for range cattle using different concentrations of ammonium chloride 215
- Effect of dietary concentrate level on body immune response in calves fed a wheat straw-based diet 244
- Occurrence and diversity of bovine coccidia at three localities in South Africa [abstract] 134

Canine

- Blood pressure changes in dogs with babesiosis 14
- A preliminary study on the serum protein response in canine babesiosis 38
- Survey of the incidence, diagnosis, clinical manifestations and treatment of *Spirocerca lupi* in South Africa 43
- Canine ehrlichiosis: an update 77
- A retrospective study on some reproductive parameters of German shepherd bitches in Kenya 115
- Von Willebrand's disease in the German shepherd dog 118
- Arrhythmogenic right ventricular cardiomyopathy in a dog 125
- Ectoparasites of dogs belonging to people in resource-poor communities in North West Province, South Africa 175
- Survey of canine babesiosis in South Africa 180
- Helicopter-based censusing of domestic dogs in Gauteng Province, South Africa 187
- Acute pancreatitis: a newly recognised potential complication of canine babesiosis 232
- Vulvovaginallectomy and neo-urethrostomy for treatment of haemangiosarcoma of the vulva and vagina 256

Caprine/ovine	
A krimpsiekte-like syndrome in small stock poisoned by <i>Ornithogalum toxicarium</i> Archer & Archer	6
The prevalence of subclinical mastitis in dairy goats in Kenya	25
Flystrike prevention in Merino lambs with the insect growth regulator dicyclanil	28
Prognostic indicators of <i>post partum</i> viability of kids born to <i>Escherichia coli</i> -vaccinated or unvaccinated does	47
Hypoxaemia and suspected pulmonary oedema in a Dorper ewe after diazepam-ketamine induction of anaesthesia	64
'Malkopsiekte' – 'the forgotten danger' – a recent case study in the southern Free State [abstract]	138
A preliminary evaluation of a sheep blowfly trap in the Western Cape	148
Clinical, cardiopulmonary and haemocytological effects of xylazine in goats after acute exposure to different environmental temperature and humidity conditions	153
Effects of xylazine on acid-base balance and arterial blood-gas tensions in goats under different environmental temperature and humidity conditions	229
Clinical pathology	
A preliminary study on the serum protein response in canine babesiosis	38
Von Willebrand's disease in the German shepherd dog	118
Ecology and environment	
The spread of weeds into sensitive areas by seeds in horse faeces	173
Epidemiology	
The prevalence of bovine viral diarrhoea antibodies in selected South African dairy herds, and control of the disease	10
Helicopter-based censusing of domestic dogs in Gauteng Province, South Africa	187
Equine	
The spread of weeds into sensitive areas by seeds in horse faeces	173
A study to evaluate the field efficacy of ivermectin, fenbendazole and pyrantel pamoate, with preliminary observations on the efficacy of doramectin, as anthelmintics in horses	144
Transplacental transmission of <i>Babesia</i> (= <i>Theileria</i> ?) <i>equi</i> in horses: the rule rather than the exception? [abstract]	135
Feline	
Screening of five drugs for efficacy against <i>Babesia felis</i> in experimentally infected cats	53
Feline panleukopenia virus revisited: molecular characteristics and pathological lesions associated with three recent isolates	140
<i>Dirofilaria repens</i> in a cat with acute liver failure	197
Control of immature stages of the flea <i>Ctenophthalmus felis</i> (Bouché) in carpets exposed to cats treated with imidacloprid	219
A survey of feline babesiosis in South Africa	222
Fish and reptiles	
The occurrence of pollution-induced epitheliocystis-like damage to the gills of <i>Clarias gariepinus</i> [abstract]	136
Morphology of the common snake mite <i>Ophionyssus natricus</i> [abstract]	131
A descriptive illustration of a <i>Schistobranchia</i> species (Copepoda: Lernaeopodidae) from gill filaments of the diamond ray (<i>Gymnura natalensis</i>) from South Africa [abstract]	131
SEM observations and prevalence of <i>Microcotyle</i> van Beneden and Hesse, 1863 (Monogenea: Microcotylidae), infections in wild and cultured spotted grunter, <i>Pomadasys commersonii</i> [abstract]	134
Some parasites of the African pike, <i>Hepsetus odoe</i> , from the Okavango Delta, Botswana [abstract]	138
<i>Kroyeria</i> sp. (Kroyeriidae: Siphonostomatoidea), a parasitic copepod infesting gills of spinner sharks (<i>Carcharhinus brevipinna</i> (Müller & Henle, 1838)) in the Indian ocean [abstract]	135
Modifications made to the parasite index developed as water quality monitoring tool in the Olifants River [abstract]	136
Some parasites of the African pike, <i>Hepsetus odoe</i> , from the Okavango Delta, Botswana [abstract]	138
Diversity of tissue changes due to protozoan and myxosporean infections in fish [abstract]	132
Medicine	
Blood pressure changes in dogs with babesiosis	14
The prevalence of subclinical mastitis in dairy goats in Kenya	25
A preliminary study on the serum protein response in canine babesiosis	38
Survey of the incidence, diagnosis, clinical manifestations and treatment of <i>Spirocerca lupi</i> in South Africa	43
Von Willebrand's disease in the German shepherd dog	118
Arrhythmogenic right ventricular cardiomyopathy in a dog	125
<i>Dirofilaria repens</i> in a cat with acute liver failure	197
Bovine mastitis therapy and why it fails	201
A survey of feline babesiosis in South Africa	222
Gastric <i>Ollulanus tricuspis</i> infection in captive cheetahs (<i>Acinonyx jubatus</i>) with chronic vomiting	251
Acute pancreatitis: a newly recognised potential complication of canine babesiosis	232
Nutrition	
Effects of anthelmintic treatment and feed supplementation on grazing Tuli weaner steers naturally infected with gastrointestinal nematodes	31

Bone, blood and faecal response to an acidogenic lick for range cattle using different concentrations of ammonium chloride	215
Effect of dietary concentrate level on body immune response in calves fed a wheat straw-based diet	244

Parasitology

Workshops propose National Programme for Veterinary Helminthology for South Africa	2
Flystrike prevention in Merino lambs with the insect growth regulator dicyclanil	28
Effects of anthelmintic treatment and feed supplementation on grazing Tuli weaner steers naturally infected with gastrointestinal nematodes	31
Survey of the incidence, diagnosis, clinical manifestations and treatment of <i>Spirocerca lupi</i> in South Africa	43
An appropriate method for extracting the insect repellent citranello from an indigenous plant (<i>Pelargonium graveolens</i> L'Her) for potential use by resource-limited animal owners	103
Coccidian oocyst and nematode egg counts of free-ranging African buffalo (<i>Syncerus caffer</i>) in the Kruger National Park, South Africa	106
Anthelmintic treatment of children infected by <i>Trichuris trichiura</i> [abstract]	131
A preliminary investigation into the hatching conditions and host specificity of the warthog louse <i>Haematopinus phacochoeri</i> [abstract]	131
Morphology of the common snake mite <i>Ophionyssus natricus</i> [abstract]	131
Acaricides and <i>Boophilus</i> spp. resistance in South Africa [abstract]	131
A descriptive illustration of a <i>Schistobranchia</i> species (Copepoda: Lernaeopodidae) from gill filaments of the diamond ray (<i>Gymnura natalensis</i>) from South Africa [abstract]	131
Changes in the metabolic activities of rabbit skin at the feeding sites of <i>Rhipicephalus appendiculatus</i> [abstract]	132
The effect of mebendazole on the stool parasite load of children [abstract]	132
Will reversal of helminth-induced eosinophilia enhance resistance to HIV infection and tuberculosis, slow disease progression, and improve vaccine efficacy? [abstract]	132
Observations on the external micromorphology of the ear mite <i>Otodectes cynotis</i> (Acari: Psoroptidae) [abstract]	133
Freshwater snails and cercarial shedding in the North West Province [abstract]	133
Extensive morphological changes in the adult female <i>Afrolernaea mormyroides</i> Van As, 1983, during metamorphosis [abstract]	133
SEM observations and prevalence of <i>Microcotyle</i> van Beneden and Hesse, 1863 (Monogenea: Microcotylidae), infections in wild and cultured spotted grunter, <i>Pomadasys commersonii</i> [abstract]	134
Blackflies in South Africa – their control and the fear of resistance [abstract]	135
<i>Kroyeria</i> sp. (Kroyeriidae: Siphonostomatoidea), a parasitic copepod infesting gills of spinner sharks (<i>Carcharhinus brevipinna</i> (Müller & Henle, 1838)) in the Indian ocean [abstract]	135
Anthelmintic resistance: conventional recommendations for control reviewed in relation to novel methods of biological worm control [abstract]	135
Modifications made to the parasite index developed as water quality monitoring tool in the Olifants River [abstract]	136
The mysterious <i>Paeon</i> [abstract]	136
SEM observations on the micromorphology of the warthog louse (<i>Haematopinus phacochoeri</i>) [abstract]	137
Morphology of a <i>Paradiplozoon</i> sp. from <i>Barbus aeneus</i> in the Vaal River system [abstract]	137
Comparative study of water relationships and fecundity in ixodid tick eggs [abstract]	137
Technology transfer to resource-limited farmers from a helminthological point of view [abstract]	137
The influence of temperature and humidity on the immature stages of <i>Ctenocephalides felis</i> [abstract]	138
Some parasites of the African pike, <i>Hepsetus odoe</i> , from the Okavango Delta, Botswana [abstract]	138
'Malkopsiekte' – 'the forgotten danger' – a recent case study in the southern Free State [abstract]	138
A study to evaluate the field efficacy of ivermectin, fenbendazole and pyrantel pamoate, with preliminary observations on the efficacy of doramectin, as anthelmintics in horses	144
A preliminary evaluation of a sheep blowfly trap in the Western Cape	148
Ectoparasites of dogs belonging to people in resource-poor communities in North West Province, South Africa	175
<i>Dirofilaria repens</i> in a cat with acute liver failure	197
Control of immature stages of the flea <i>Ctenophalides felis</i> (Bouché) in carpets exposed to cats treated with imidacloprid	219
The use of herbal preparations for tick control in western Ethiopia	240
Helminth parasites of indigenous chickens in Oodi, Kgatleng District, Botswana	247
Parasites of domestic pigeons (<i>Columba livia domestica</i>) in Sebele, Gaborone, Botswana	249
Gastric <i>Ollulanus tricuspis</i> infection identified in captive cheetahs (<i>Acinonyx jubatus</i>) with chronic vomiting	251

Pathology

A krimpsiekte-like syndrome in small stock poisoned by <i>Ornithogalum toxicarium</i> Archer & Archer	6
Diversity of tissue changes due to protozoan and myxosporean infections in fish [abstract]	132
Feline panleukopenia virus revisited: molecular characteristics and pathological lesions associated with three recent isolates	140
Acute pancreatitis: a newly recognised potential complication of canine babesiosis	232
Gastric <i>Ollulanus tricuspis</i> infection in captive cheetahs (<i>Acinonyx jubatus</i>) with chronic vomiting	251

Pharmacology

Flystrike prevention in Merino lambs with the insect growth regulator dicyclanil	28
--	----

Screening of five drugs for efficacy against <i>Babesia felis</i> in experimentally infected cats	53
Capture and immobilisation of armadillo (<i>Oryzomys azer</i>) using different drug combinations	58
Hypoxaemia and suspected pulmonary oedema in a Dorper ewe after diazepam-ketamine induction of anaesthesia	64
Use of herbal remedies by small-scale farmers to treat livestock diseases in central Eastern Cape Province, South Africa	87
An appropriate method for extracting the insect repellent citranello from an indigenous plant (<i>Pelargonium graveolens</i> L'Her) for potential use by resource-limited animal owners	103
Acaricides and <i>Boophilus</i> spp. resistance in South Africa [abstract]	131
The effect of mebendazole on the stool parasite load of children [abstract]	132
Anthelmintic resistance: conventional recommendations for control reviewed in relation to novel methods of biological worm control [abstract]	135
<i>In vitro</i> antimalarial activity of selected South African medicinal plants [abstract]	136
<i>In vitro</i> screening of traditionally used medicinal plants for antimalarial activity [abstract]	136
The antimalarial effect of some colourants and purine derivatives on <i>Plasmodium falciparum</i> [abstract]	137
The effect of chemical colourants on <i>Plasmodium falciparum</i> [abstract]	138
A study to evaluate the field efficacy of ivermectin, fenbendazole and pyrantel pamoate, with preliminary observations on the efficacy of doramectin, as anthelmintics in horses	144
Clinical, cardiopulmonary and haemocytological effects of xylazine in goats after acute exposure to different environmental temperature and humidity conditions	153
Control of immature stages of the flea <i>Ctenophthalmus felis</i> (Bouché) in carpets exposed to cats treated with imidacloprid	219
Effects of xylazine on acid-base balance and arterial blood-gas tensions in goats under different environmental temperature and humidity conditions	229
The use of herbal preparations for tick control in western Ethiopia	240
Physiology	
Changes in the metabolic activities of rabbit skin at the feeding sites of <i>Rhipicephalus appendiculatus</i> [abstract]	132
The measurement of glucocorticoid concentrations in the serum and faeces of captive African elephants (<i>Loxodonta africana</i>) after ACTH stimulation	192
Porcine	
Progressive atrophic rhinitis in a medium-scale pig farm in Kiambu, Kenya	122
A preliminary investigation into the hatching conditions and host specificity of the warthog louse <i>Haematopinus phacochoeri</i> [abstract]	131
Primary animal health care	
Characteristics and performance of village animal health workers and veterinary assistants in northern Malawi	160
Use of herbal remedies by small-scale farmers to treat livestock diseases in central Eastern Cape Province, South Africa	87
An appropriate method for extracting the insect repellent citranello from an indigenous plant (<i>Pelargonium graveolens</i> L'Her) for potential use by resource-limited animal owners	103
The use of herbal preparations for tick control in western Ethiopia	240
Production	
The prevalence of subclinical mastitis in dairy goats in Kenya	25
Prognostic indicators of <i>post partum</i> viability of kids born to <i>Escherichia coli</i> -vaccinated or unvaccinated does	47
Animal husbandry in Moretele 1 of North-West Province: implications for veterinary training and research	92
Protozoal diseases	
Blood pressure changes in dogs with babesiosis	14
<i>Babesia bovis</i> and <i>B. bigemina</i> DNA detected in cattle and ticks from Zimbabwe by polymerase chain reaction	21
A preliminary study on the serum protein response in canine babesiosis	38
Screening of five drugs for efficacy against <i>Babesia felis</i> in experimentally infected cats	53
Coccidian oocyst and nematode egg counts of free-ranging African buffalo (<i>Syncerus caffer</i>) in the Kruger National Park, South Africa	106
Diversity of tissue changes due to protozoan and myxosporean infections in fish [abstract]	132
Does provision of reticulated clean water and water-borne sewage eliminate <i>Entamoeba histolytica</i> ? A study of two communities in the Western Cape [abstract]	133
Determination of viability of <i>Giardia lamblia</i> cysts: vital staining, <i>in vitro</i> and <i>in vivo</i> staining [abstract]	133
Occurrence and diversity of bovine coccidia at three localities in South Africa [abstract]	134
Evaluation of a standardised direct agglutination test for the diagnosis of visceral leishmaniasis in Kenya [abstract]	134
PCR for the detection and species identification of intestinal microsporidia [abstract]	134
Transplacental transmission of <i>Babesia</i> (= <i>Theileria</i> ?) <i>equi</i> in horses: the rule rather than the exception? [abstract]	135
<i>In vitro</i> antimalarial activity of selected South African medicinal plants [abstract]	136
<i>In vitro</i> screening of traditionally used medicinal plants for antimalarial activity [abstract]	136
The antimalarial effect of some colourants and purine derivatives on <i>Plasmodium falciparum</i> [abstract]	137
The effect of chemical colourants on <i>Plasmodium falciparum</i> [abstract]	138
Survey of canine babesiosis in South Africa	180
A survey of feline babesiosis in South Africa	222
Acute pancreatitis: a newly recognised potential complication of canine babesiosis	232

Radiology	
Arrhythmogenic right ventricular cardiomyopathy in a dog	125
Research methods	
Helicopter-based censusing of domestic dogs in Gauteng Province, South Africa	187
Reproduction	
Prognostic indicators of <i>post partum</i> viability of kids born to <i>Escherichia coli</i> -vaccinated or unvaccinated does	47
A retrospective study on some reproductive parameters of German shepherd bitches in Kenya	115
Rickettsial diseases	
Canine ehrlichioses: an update	77
Surgery	
Vulvovaginectomy and neo-urethrostomy for treatment of haemangiosarcoma of the vulva and vagina	256
Toxicology	
A krimpsiekte-like syndrome in small stock poisoned by <i>Ornithogalum toxicarium</i> Archer & Archer	6
Veterinary education and extension	
Animal husbandry in Moretele 1 of North-West Province: implications for veterinary training and research	92
Technology transfer to resource-limited farmers from a helminthological point of view [abstract]	137
Characteristics and performance of village animal health workers and veterinary assistants in northern Malawi	160
Ectoparasites of dogs belonging to people in resource-poor communities in North West Province, South Africa	175
Virology	
The prevalence of bovine viral diarrhoea antibodies in selected South African dairy herds, and control of the disease	10
Feline panleukopenia virus revisited: molecular characteristics and pathological lesions associated with three recent isolates	140
Wildlife/exotic animals	
Capture and immobilisation of aardvark (<i>Orycteropus afer</i>) using different drug combinations	58
Coccidian oocyst and nematode egg counts of free-ranging African buffalo (<i>Syncerus caffer</i>) in the Kruger National Park, South Africa	106
A preliminary investigation into the hatching conditions and host specificity of the warthog louse <i>Haematopinus phacochoeri</i> [abstract]	131
The measurement of glucocorticoid concentrations in the serum and faeces of captive African elephants (<i>Loxodonta africana</i>) after ACTH stimulation	192
A preliminary investigation into the hatching conditions and host specificity of the warthog louse <i>Haematopinus phacochoeri</i> [abstract]	131
Isoflurane anaesthesia in an African wild dog, <i>Lycaon pictus</i>	246
Gastric <i>Ollulanus tricuspis</i> infection identified in captive cheetahs (<i>Acinonyx jubatus</i>) with chronic vomiting	251
Continuing education	
Bovine mastitis therapy and why it fails	201
Information	
Workshops propose National Programme for Veterinary Helminthology for South Africa	2
The fourteen editors of the <i>Journal of the South African Veterinary Association: 1927–2000</i>	68
A brief historical review of research achievements by the OVI during the 20th century against the background of socioeconomic and political developments in South Africa	210
Abstracts	
Parasitological Society of Southern Africa – 28th Annual Congress	131
Book reviews	
Veterinary helminthology	37
<i>Escherichia coli</i> O157 in farm animals	57
The mineral nutrition of livestock (3rd edition)	76
Fasciolosis	105
Breeding for disease resistance in farm animals (2nd edition)	108
International Animal Health Code – mammals, birds and bees (8th edition)	124
An update on zoonotic diseases	130
<i>Salmonella</i> in domestic animals	143
Nematode parasites of vertebrates (2nd edition): their development and transmission	239
International animal health code – mammals birds and bees (9th edition)	243
Meat science: an introductory text	248
Diseases of poultry: world trade and public health implications	250
The genetics of cattle	260