

Volume 58	1991	Numbers 1-4
SUBJECT INDEX		
	Volume	Page
Acari		
A review of the ixodid ticks (Acari, Ixodidae) occurring in Southern Africa. JANE B. WALKER	58	81-105
Acetone		
A gas-chromatographic headspace method for the determination of acetone in bovine milk, blood and urine. HANLIE E. K. WINTERBACH and P. J. APPS	58	75-79
Adenovirus 127		
Isolation and identification of adenovirus 127, the causative agent of egg drop syndrom (EDS) from commercial laying hens in South Africa. R. R. BRAGG, D. M. ALLWRIGHT and L. COETZEE	58	309-310
African horsesickness		
Laboratory confirmation of African horsesickness in the Western Cape: application of a F(ab') ₂ -based indirect ELISA. D. H. DU PLESSIS, W. VAN WYNGAARDT, G. H. GERDES and E. OPPERMAN.....	58	1-3
Air pollution		
Copper toxicity in ruminants: air pollution as a possible cause. B. GUMMOW, C. J. BOTHA, A. T. BASSON and STELLA S. BASTIANELLO	58	33-39
Amblyomma hebraeum		
Ultrastructural morphology of <i>Cowdria ruminantium</i> in midgut epithelial cells of adult <i>Amblyomma hebraeum</i> female ticks. ALET HART, KATHERINE M. KOCAN, J. D. BEZUIDENHOUT and L. PROZESKY.....	58	187-193
Angora goats		
Parasites of domestic and wild animals in South Africa. XXVIII. Helminths and arthropod parasites of Angora goats and kids in Valley Bushveld. I. G. HORAK, M. M. KNIGHT and E. J. WILLIAMS	58	253-260
Anthelmintic efficacy		
Overberg research projects. XI. First stage larval reduction test to assess anthelmintic efficacy ante mortem in sheep. R. K. REINECKE, MARDI LOURENS and BERTHA PETERSEN.....	58	285-290
Antibiotic sensitivity patterns		
The antibiotic sensitivity patterns of <i>Bacillus anthracis</i> isolated from the Kruger National Park. M. W. ODENDAAL, P. M. PIETERSON, V. DE VOS and A. D. BOTHA.....	58	17-19
Arthropod parasites		
Parasites of South African wildlife. VIII. Helminth and arthropod parasites of warthogs, <i>Phacochoerus aethiopicus</i> , in the eastern Transvaal. J. BOOMKER, I. G. HORAK, D. G. BOOYSE and SANTA MEYER	58	195-202
Parasites of domestic and wild animals in South Africa. XXVIII. Helminths and arthropod parasites of Angora goats and kids in Valley Bushveld. I. G. HORAK, M. M. KNIGHT and E. J. WILLIAMS	58	253-260
Bacillus anthracis		
The antibiotic sensitivity patterns of <i>Bacillus anthracis</i> isolated from the Kruger National Park. M. W. ODENDAAL, P. M. PIETERSON, V. DE VOS and A. D. BOTHA.....	58	17-19
The biochemical, morphological and virulence profiles of <i>Bacillus anthracis</i> isolated in the Kruger National Park. M. W. ODENDAAL, P. M. PIETERSON, V. DE VOS and A. D. BOTHA.....	58	21-26
Bacteria		
Health status of salmonids in river systems in Natal. III. Isolation and identification of bacteria. R. R. BRAGG ...	58	67-70
Biochemical profiles		
The biochemical, morphological and virulence profiles of <i>Bacillus anthracis</i> isolated in the Kruger National Park. M. W. ODENDAAL, P. M. PIETERSON, V. DE VOS and A. D. BOTHA.....	58	21-26
Birds		
Parasites of domestic and wild animals in South Africa. XXVI. The mosaic of ixodid tick infestations on birds and mammals in the Mountain Zebra National Park. I. G. HORAK, L. J. FOURIE, P. A. NOVELLIE and E. A. WILLIAMS.....	58	125-136
Blood		
A gas-chromatographic headspace method for the determination of acetone in bovine milk, blood and urine. HANLIE E. K. WINTERBACH and P. J. APPS	58	75-79
Blood parasites		
The prevalence of blood parasites in helmeted guineafowls, <i>Numida meleagris</i> , in the Kruger National Park. R. A. EARLÉ, I. G. HORAK, F. W. HUCHZERMAYER, G. F. BENNETT, L. E. O. BRAACK and B. L. PENZHORN	58	145-147
Blue duikers		
Parasites of South African wildlife. VI. Helminths of blue duikers, <i>Cephalophus monticola</i> , in Natal. J. BOOMKER, D. G. BOOYSE and M. E. KEEP.....	58	11-13

	Volume	Page
Bluetongue virus		
The use of a membrane feeding technique to determine the infection rate of <i>Culicoides imicola</i> (Diptera: Ceratopogonidae) for 2 bluetongue virus serotypes in South Africa. G. J. VENTER, ELAINE HILL, I. T. P. PAJOR and E. M. NEVILL.....	58	5-9
Boophilus decoloratus		
The relative resistance of six cattle breeds to the tick <i>Boophilus decoloratus</i> in South Africa. Y. RECHAV and M. W. KOSTRZEWSKI.....	58	181-186
Brucella abortus		
A serological comparison of complement fixation reactions using <i>Brucella abortus</i> and <i>B. melitensis</i> antigens in <i>B. abortus</i> infected cattle. S. HERR, JANET V. LAWRENCE, O. L. BRETT and L. M. M. RIBEIRO.....	58	111-114
Brucella melitensis		
A serological comparison of complement fixation reactions using <i>Brucella abortus</i> and <i>B. melitensis</i> antigens in <i>B. abortus</i> infected cattle. S. HERR, JANET V. LAWRENCE, O. L. BRETT and L. M. M. RIBEIRO.....	58	111-114
Bulls		
A reduction in the duration of infection with <i>Trichomonas foetus</i> following vaccination in heifers and the failure to demonstrate a curative effect in infected bulls. S. HERR, L. M. M. RIBEIRO, ELMARIE CLAASSEN and J. G. MYBURGH.....	58	41-45
Bushpigs		
Ixodid ticks and lice infesting red duikers and bushpigs in north-eastern Natal. I. G. HORAK, J. BOOMKER and J. R. B. FLAMAND.....	58	281-284
Calliphoridae		
Spread in South Africa of the Oriental latrine fly <i>Chrysomya megacephala</i> (Fabricius) (Diptera: Calliphoridae), an introduced species closely resembling <i>Chrysomya bezziana</i> Villeneuve. L. E. O. BRAACK.....	58	311-312
Cardiomyopathy		
Cardiomyopathy of ruminants induced by the litter of poultry fed on rations containing the ionophore antibiotic, maduramicin. 1. Epidemiology, clinical signs and clinical pathology. N. FOURIE, STELLA S. BASTIANELLO, L. PROZESKY, P. W. NEL and T. S. KELLERMAN.....	58	291-296
Cattle		
The effect of tick infestation on the productivity of cows of three breeds of cattle, M. M. SCHOLTZ, A. M. SPICKETT, P. E. LOMBARD and C. B. ENSLIN.....	58	71-74
A serological comparison of complement fixation reactions using <i>Brucella abortus</i> and <i>B. melitensis</i> antigens in <i>B. abortus</i> infected cattle. S. HERR, JANET V. LAWRENCE, O. L. BRETT and L. M. M. RIBEIRO.....	58	111-114
The relative resistance of six cattle breeds to the tick <i>Boophilus decoloratus</i> in South Africa. Y. RECHAV and M. W. KOSTRZEWSKI.....	58	181-186
The pathology of <i>Cestrum laevigatum</i> (Schlecht) poisoning in cattle. J. J. VAN DER LUGT, P. W. NEL and J. P. KITCHING.....	58	211-221
Cephalophus monticola		
Parasites of South African wildlife. VI. Helminths of blue duikers, <i>Cephalophus monticola</i> , in Natal. J. BOOMKER, D. G. BOOYSE and M. E. KEEP.....	58	11-13
Cephalophus natalensis		
Parasites of South African wildlife. X. Helminths of red duikers. <i>Cephalophus natalensis</i> , in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND.....	58	205-209
Ceratopogonidae		
The use of a membrane feeding technique to determine the infection rate of <i>Culicoides imicola</i> (Diptera: Ceratopogonidae) for 2 bluetongue virus serotypes in South Africa. G. J. VENTER, ELAINE HILL, I. T. P. PAJOR and E. M. NEVILL.....	58	5-9
Afrotropical <i>Culicoides</i> : <i>C. (Avaritia) miombo</i> sp. nov., a widespread species closely allied to <i>C. (A.) imicola</i> Kieffer, 1913 (Diptera: Ceratopogonidae). R. MEISWINKEL.....	58	155-170
Cestrum laevigatum		
The pathology of <i>Cestrum laevigatum</i> (Schlecht) poisoning in cattle. J. J. VAN DER LUGT, P. W. NEL and J. P. KITCHING.....	58	211-221
Chlamydia-like developmental cycle		
The tick-borne rickettsia <i>Cowdria ruminantium</i> has a chlamydia-like developmental cycle. FRANS JONGEJAN, THIJS A. ZANDBERGEN, PAUL A. VAN DE WIEL, MIA DE GROOT and GERRIT UILENBERG.....	58	227-237
Chrysomya bezziana		
Spread in South Africa of the Oriental latrine fly <i>Chrysomya megacephala</i> (Fabricius) (Diptera: Calliphoridae), an introduced species closely resembling <i>Chrysomya bezziana</i> Villeneuve. L. E. O. BRAACK.....	58	311-312
Chrysomya megacephala		
Spread in South Africa of the Oriental latrine fly <i>Chrysomya megacephala</i> (Fabricius) (Diptera: Calliphoridae), an introduced species closely resembling <i>Chrysomya bezziana</i> Villeneuve. L. E. O. BRAACK.....	58	311-312

	Volume	Page
Common carp		
Investigations into the effects of concentration and duration of exposure to formalin and malachite green on the survival of the larvae and juveniles of the common carp <i>Cyprinus carpio</i> L. and the sharptooth catfish <i>Clarias gariepinus</i> (Burchell). J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE.....	58	245–251
Complement fixation reactions		
A serological comparison of complement fixation reactions using <i>Brucella abortus</i> and <i>B. melitensis</i> antigens in <i>B. abortus</i> infected cattle. S. HERR, JANET V. LAWRENCE, O. L. BRETT and L. M. M. RIBEIRO	58	111–114
Cooperia rotundispiculum		
Parasites of South African wildlife. XI. Description of a new race of <i>Cooperia rotundispiculum</i> Gibbons & Khalil, 1980. J. BOOMKER	58	271–273
Copper toxicity		
Copper toxicity in ruminants: Air pollution as a possible cause. B. GUMMOW, C. J. BOTHA, A. T. BASSON and STELLA S. BASTIANELLO	58	33–39
Cowdria ruminantium		
T cell-mediated immunity to <i>Cowdria ruminantium</i> in mice: The protective role of Lyt-2 ⁺ T cells. J. L. DU PLESSIS, P. BERCHE and L. VAN GAS.....	58	171–179
Ultrastructural morphology of <i>Cowdria ruminantium</i> in midgut epithelial cells of adult <i>Amblyomma hebraeum</i> female ticks. ALET HART, KATHERINE M. KOCAN, J. D. BEZUIDENHOUT and L. PROZESKY.....	58	187–193
The tick-borne rickettsia <i>Cowdria ruminantium</i> has a chlamydia-like developmental cycle. FRANS JONGEJAN, THIJS A. ZANDBERGEN, PAUL A. VAN DE WIEL, MIA DE GROOT and GERRIT UILENBERG	58	227–237
Cows		
The effect of tick infestation on the productivity of cows of three breeds of cattle. M. M. SCHOLTZ, A. M. SPICKETT, P. E. LOMBARD and C. B. ENSLIN	58	71–74
Clarias gariepinus		
Treatment of <i>Cyprinus carpio</i> L. and <i>Clarias gariepinus</i> (Burchell) embryos with formalin and malachite green: effect of concentration and length of treatment on their survival. J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	239–243
Investigations into the effects of concentration and duration of exposure to formalin and malachite green on the survival of the larvae and juveniles of the common carp <i>Cyprinus carpio</i> L. and the sharptooth catfish <i>Clarias gariepinus</i> (Burchell). J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	245–251
Clinical pathology of cardiomyopathy		
Cardiomyopathy of ruminants induced by the litter of poultry fed on rations containing the ionophore antibiotic, maduramicin. 1. Epidemiology, clinical signs and clinical pathology. N. FOURIE, STELLA S. BASTIANELLO, L. PROZESKY, P. W. NEL and T. S. KELLERMAN	58	291–296
Clinical signs of cardiomyopathy		
Cardiomyopathy of ruminants induced by the litter of poultry fed on rations containing the ionophore antibiotic, maduramicin. 1. Epidemiology, clinical signs and clinical pathology. N. FOURIE, STELLA S. BASTIANELLO, L. PROZESKY, P. W. NEL and T. S. KELLERMAN	58	291–296
Culicoides		
Afrotropical <i>Culicoides</i> : <i>C. (Avaritia) miombo</i> sp. nov., a widespread species closely allied to <i>C. (A.) imicola</i> Kieffer, 1913 (Diptera: Ceratopogonidae). R. MEISWINKEL	58	155–170
Culicoides (Avaritia) imicola		
Afrotropical <i>Culicoides</i> : <i>C. (Avaritia) miombo</i> sp. nov., a widespread species closely allied to <i>C. (A.) imicola</i> Kieffer, 1913 (Diptera: Ceratopogonidae). R. MEISWINKEL	58	155–170
Culicoides (Avaretia) miombo		
Afrotropical <i>Culicoides</i> : <i>C. (Avaritia) miombo</i> sp. nov., a widespread species closely allied to <i>C. (A.) imicola</i> Kieffer, 1913 (Diptera: Ceratopogonidae). R. MEISWINKEL	58	155–170
Culicoides imicola		
The use of membrane feeding technique to determine the infection rate of <i>Culicoides imicola</i> (Diptera: Ceratopogonidae) for 2 bluetongue virus serotypes in South Africa. G. J. VENTER, ELAINE HILL, I. T. P. PAJOR and E. M. NEVILL	58	5–9
Cyprinus carpio		
Treatment of <i>Cyprinus carpio</i> L. and <i>Clarias gariepinus</i> (Burchell) embryos with formalin and malachite green: effect of concentration and length of treatment on their survival. J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	239–243
Investigations into the effects of concentration and duration of exposure to formalin and malachite green on the survival of the larvae and juveniles of the common carp <i>Cyprinus carpio</i> L. and the sharptooth catfish <i>Clarias gariepinus</i> (Burchell). J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE.....	58	245–251
Developmental cycle		
The tick-borne rickettsia <i>Cowdria ruminantium</i> has a chlamydia-like developmental cycle. FRANS JONGEJAN, THIJS A. ZANDBERGEN, PAUL A. VAN DE WIEL, MIA DE GROOT and GERRIT UILENBERG.....	58	227–237

	Volume	Page
Diceros bicornis		
Reproductive parameters in free-ranging female black rhinoceroses (<i>Diceros bicornis</i>) in Zimbabwe. N. KOCK, D. MORTONE and M. KOCK	58	55–57
Diplodia maydis		
Perinatal mortality in lambs of ewes exposed to cultures of <i>Diplodia maydis</i> (= <i>Stenocarpella maydis</i>) during gestation. T. S. KELLERMAN, L. PROZESKY, R. ANITRA SCHULTZ, C. J. RABIE, H. VAN ARK, B. P. MAARTENS and ANNELIE LÜBBEN	58	297–308
Diptera		
The use of a membrane feeding technique to determine the infection rate of <i>Culicoides imicola</i> (Diptera: Ceratopogonidae) for 2 bluetongue virus serotypes in South Africa. G. J. VENTER, ELAINE HILL, I. T. P. PAJOR and E. M. NEVILL	58	5–9
Afrotropical <i>Culicoides</i> : <i>C. (Avaritia) miombo</i> sp. nov., a widespread species closely allied to <i>C. (A.) imicola</i> Kieffer, 1913 (Diptera: Ceratopogonidae). R. MEISWINKEL	58	155–170
Spread in South Africa of the Oriental latrine fly <i>Chrysomya megacephala</i> (Fabricius) (Diptera: Calliphoridae), an introduced species closely resembling <i>Chrysomya bezziana</i> Villeneuve. L. E. O. BRAACK	58	311–312
Domestic animals		
Parasites of domestic and wild animals in South Africa. XXV. Ixodid ticks on sheep in the north-eastern Orange Free State and in the eastern Cape Province. I. G. HORAK, E. J. WILLIAMS and P. C. VAN SCHALKWYK	58	115–123
Parasites of domestic and wild animals in South Africa. XXVI. The mosaic of ixodid tick infestations on birds and mammals in the Mountain Zebra National Park. I. G. HORAK, L. J. FOURIE, P. A. NOVELLIE and E. A. WILLIAMS	58	125–136
Parasites of domestic and wild animals in South Africa. XXVII. Ticks on helmeted guineafowls in the eastern Cape Province and eastern Transvaal Lowveld. I. G. HORAK, A. M. SPICKETT, L. E. O. BRAACK and E. J. WILLIAMS	58	137–143
Parasites of domestic and wild animals in South Africa XXVIII. Helminths and arthropod parasites of Angora goats and kids in Valley Bushveld. I. G. HORAK, M. M. KNIGHT and E. J. WILLIAMS	58	253–260
Parasites of domestic and wild animals in South Africa. XXIX. Ixodid ticks on hares in the Cape Province and on hares and red rock rabbits in the Orange Free State. I. G. HORAK and L. J. FOURIE	58	261–270
Drag-sampling of ticks		
Drag-sampling of free-living ixodid ticks in the Kruger National Park. A. M. SPICKETT, I. G. HORAK, L. E. O. BRAACK and H. VAN ARK	58	27–32
Egg drop syndrome		
Isolation and identification of adenovirus 127, the causative agent of egg drop syndrome (EDS) from commercial laying hens in South Africa. R. R. BRAGG, D. M. ALLWRIGHT and L. COETZEE	58	309–310
ELISA		
Laboratory confirmation of African horsesickness in the Western Cape: application of a F(ab') ₂ -based indirect ELISA. D. H. DU PLESSIS, W. VAN WYNGAARDT, G. H. GERDES and E. OPPERMAN	58	1–3
Embryos		
Treatment of <i>Cyprinus carpio</i> L. and <i>Clarias gariepinus</i> (Burchell) embryos with formalin and malachite green: effect of concentration and length of treatment on their survival. J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	239–243
Epidemiology of cardiomyopathy		
Cardiomyopathy of ruminants induced by the litter of poultry fed on rations containing the ionophore antibiotic, maduramicin. 1. Epidemiology, clinical signs and clinical pathology. N. FOURIE, STELLA S. BASTIANELLO, L. PROZESKY, P. W. NEL and T. S. KELLERMAN	58	291–296
Epithelial cells		
Ultrastructural morphology of <i>Cowdria ruminantium</i> in midgut epithelial cells of adult <i>Amblyomma hebraeum</i> female ticks. ALET HART, KATHERINE M. KOCAN, J. D. BEZUIDENHOUT and L. PROZESKY	58	187–193
Ewes		
Perinatal mortality in lambs of ewes exposed to cultures of <i>Diplodia maydis</i> (= <i>Stenocarpella maydis</i>) during gestation. T. S. KELLERMAN, L. PROZESKY, R. ANITRA SCHULTZ, C. J. RABIE, H. VAN ARK, B. P. MAARTENS and ANNELIE LÜBBEN	58	297–308
Faecal egg counts		
Overberg research projects. X. Faecal egg counts in the interpretation of nematode worm burdens in sheep. R. K. REINECKE and H. T. GROENEVELD	58	149–153
Fish		
Health status of salmonids in river systems in Natal. I. Collection of fish and parasitological examination. R. R. BRAGG	58	59–62
Formalin		
Treatment of <i>Cyprinus carpio</i> L. and <i>Clarias gariepinus</i> (Burchell) embryos with formalin and malachite green: effect of concentration and length of treatment on their survival. J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	239–243
Investigations into the effects of concentration and duration of exposure to formalin and malachite green on the survival of the larvae and juveniles of the common carp <i>Cyprinus carpio</i> L. and the sharptooth catfish <i>Clarias gariepinus</i> (Burchell). J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	245–251

Free-living ixodid ticks

Drag-sampling of free-living ixodid ticks in the Kruger National Park. A. M. SPICKETT, I. G. HORAK, L. E. O. BRAACK and H. VAN ARK..... 58 27–32

Geeldikkop

Photosensitivity in South Africa. VI. The experimental induction of geeldikkop in sheep with crude steroidal saponins from *Tribulus terrestris*. T. S. KELLERMAN, G. L. ERASMUS, J. A. W. COETZER, J. M. M. BROWN and B. P. MAARTENS 58 47–53

Guineafowls

Parasites of domestic and wild animals in South Africa. XXVII. Ticks on helmeted guineafowls in the eastern Cape Province and eastern Transvaal Lowveld. I. G. HORAK, A. M. SPICKETT, L. E. O. BRAACK and E. J. WILLIAMS..... 58 137–143

The prevalence of blood parasites in helmeted guineafowls, *Numida meleagris*, in the Kruger National Park. R. A. EARLÉ, I. G. HORAK, F. W. HUCHZERMAYER, G. F. BENNETT, L. E. O. BRAACK and B. L. PENZHORN..... 58 145–147

Hares

Parasites of domestic and wild animals in South Africa. XXIX. Ixodid ticks on hares in the Cape Province and on hares and red rock rabbits in the Orange Free State. I. G. HORAK and L. J. FOURIE..... 58 261–270

Headspace method

A gas-chromatographic headspace method for the determination of acetone in bovine milk, blood and urine. HANLIE E. K. WINTERBACH and P. G. APPS..... 58 75–79

Heifers

A reduction in the duration of infection with *Trichomonas foetus* following vaccination in heifers and the failure to demonstrate a curative effect in infected bulls. S. HERR, L. M. M. RIBEIRO, ELMARIE CLAASSEN and J. G. MYBURGH..... 58 41–45

Helminths

Parasites of South African wildlife. VI. Helminths of blue duikers, *Cephalophus monticola*, in Natal. J. BOOMKER, D. G. BOOYSE and M. E. KEEP..... 58 11–13

Parasites of South African wildlife. VII. Helminths of suni, *Neotragus moschatus*, in Natal. J. BOOMKER, D. G. BOOYSE and L. E. O. BRAACK 58 15–16

Parasites of South African wildlife. VIII. Helminth and arthropod parasites of warthogs, *Phacochoerus aethiopicus*, in the eastern Transvaal. J. BOOMKER, I. G. HORAK, D. G. BOOYSE and SANTA MEYER 58 195–202

Parasites of South African wildlife. IX. Helminths of kudu *Tragelaphus strepsiceros*, in the eastern Cape Province. J. BOOMKER, I. G. HORAK and M. M. KNIGHT..... 58 203–204

Parasites of South African wildlife. X. Helminths of red duikers, *Cephalophus natalensis*, in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND 58 205–209

Parasites of domestic and wild animals in South Africa XXVIII. Helminths and arthropod parasites of Angora goats and kids in Valley Bushveld. I. G. HORAK, M. M. KNIGHT and E. J. WILLIAMS 58 253–260

Parasites of South African wildlife. XII. Helminths of nyala, *Tragelaphus angasii*, in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND 58 275–280

Hens

Isolation and identification of adenovirus 127, the causative agent of egg drop syndrome (EDS) from commercial laying hens in South Africa. R. R. BRAGG, D. M. ALLWRIGHT and L. COETZEE..... 58 309–310

Hyperimmune serum

Sweating sickness: relative curative effect of hyperimmune serum and a precipitated immunoglobulin suspension and immunoblot identification of proposed immunodominant tick salivary gland proteins. A. M. SPICKETT, D. B. BURGER, J. C. CRAUSE, ELIZABETH M. ROUX and A. W. H. NEITZ..... 58 223–226

Immunoblot identification

Sweating sickness: relative curative effect of hyperimmune serum and a precipitated immunoglobulin suspension and immunoblot identification of proposed immunodominant tick salivary gland proteins. A. M. SPICKETT, D. B. BURGER, J. C. CRAUSE, ELIZABETH M. ROUX and A. W. H. NEITZ 58 223–226

Immunoglobulin suspension

Sweating sickness: relative curative effect of hyperimmune serum and a precipitated immunoglobulin suspension and immunoblot identification of proposed immunodominant tick salivary gland proteins. A. M. SPICKETT, D. B. BURGER, J. C. CRAUSE, ELIZABETH M. ROUX and A. W. H. NEITZ..... 58 223–226

Indirect ELISA

Laboratory confirmation of African horsesickness in the Western Cape: application of a F(ab')₂-based indirect ELISA. D. H. DU PLESSIS, W. VAN WYNGAARDT, G. H. GERDES and E. OPPERMAN 58 1–3

Ionophore antibiotic

Cardiomyopathy of ruminants induced by the litter of poultry fed on rations containing the ionophore antibiotic, maduramicin. I. Epidemiology, clinical signs and clinical pathology. N. FOURIE, STELLA S. BASTIANELLO, L. PROZESKY, P. W. NEL and T. S. KELLERMAN 58 291–296

	Volume	Page
Ixodidae		
A review of the ixodid ticks (Acari, Ixodidae) occurring in Southern Africa. JANE B. WALKER	58	81-105
Ixodid ticks		
Drag-sampling of free-living ixodid ticks in the Kruger National Park. A. M. SPICKETT, I. G. HORAK, L. E. O. BRAACK and H. VAN ARK	58	27-32
A review of the ixodid ticks (Acari, Ixodidae) occurring in Southern Africa. JANE B. WALKER	58	81-105
Parasites of domestic and wild animals in South Africa. XXV. Ixodid ticks on sheep in the north-eastern Orange Free State and in the eastern Cape Province. I. G. HORAK, E. J. WILLIAMS and P. C. VAN SCHALKWYK	58	115-123
Parasites of domestic and wild animals in South Africa. XXVI. The mosaic of ixodid tick infestations on birds and mammals in the Mountain Zebra National Park. I. G. HORAK, L. J. FOURIE, P. A. NOVELLIE and E. A. WILLIAMS	58	125-136
Parasites of domestic and wild animals in South Africa. XXIX. Ixodid ticks on hares in the Cape Province and on hares and red rock rabbits in the Orange Free State. I. G. HORAK and L. J. FOURIE	58	261-270
Ixodid ticks and lice infesting red duikers and bushpigs in north-eastern Natal. I. G. HORAK, J. BOOMKER and J. R. B. FLAMAND	58	281-284
Juveniles		
Investigations into the effects of concentration and duration of exposure to formalin and malachite green on the survival of the larvae and juveniles of the common carp <i>Cyprinus carpio</i> L. and the sharptooth catfish <i>Clarias gariepinus</i> (Burchell). J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	245-251
Kudu		
Parasites of South African wildlife. IX. Helminths of kudu <i>Tragelaphus strepsiceros</i> , in the eastern Cape Province. J. BOOMKER, I. G. HORAK and M. M. KNIGHT	58	203-204
Lambs		
Perinatal mortality in lambs of ewes exposed to cultures of <i>Diplodia maydis</i> (= <i>Stenocarpella maydis</i>) during gestation. T. S. KELLERMAN, L. PROZESKY, R. ANITRA SCHULTZ, C. J. RABIE, H. VAN ARK, B. P. MAARTENS and ANNELIE LÜBBEN	58	297-308
Larvae		
Investigations into the effects of concentration and duration of exposure to formalin and malachite green on the survival of the larvae and juveniles of the common carp <i>Cyprinus carpio</i> L. and the sharptooth catfish <i>Clarias gariepinus</i> (Burchell). J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	245-251
Larval reduction test		
Overberg research projects. XI. First stage larval reduction test to assess, anthelmintic efficacy ante mortem in sheep. R. K. REINECKE, MARDI LOURENS and BETHEA PETERSEN	58	285-290
Lice		
Ixodid ticks and lice infesting red duikers and bush pigs in north-eastern Natal. I. G. HORAK, J. BOOMKER and J. R. B. FLAMAND	58	281-284
Litter of poultry		
Cardiomyopathy of ruminants induced by the litter of poultry fed on rations containing the ionophore antibiotic, maduramicin. 1. Epidemiology, clinical signs and clinical pathology. N. FOURIE, STELLA S. BASTIANELLO, L. PROZESKY, P. W. NEL and T. S. KELLERMAN	58	291-296
Maduramicin		
Cardiomyopathy of ruminants induced by the litter of poultry fed on rations containing the ionophore antibiotic, maduramicin. 1. Epidemiology, clinical signs and clinical pathology. N. FOURIE, STELLA S. BASTIANELLO, L. PROZESKY, P. W. NEL and T. S. KELLERMAN	58	291-296
Malachite green		
Treatment of <i>Cyprinus carpio</i> L. and <i>Clarias gariepinus</i> (Burchell) embryos with formalin and malachite green: effect of concentration and length of treatment on their survival. J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	239-243
Investigations into the effects of concentration and duration of exposure to formalin and malachite green on the survival of the larvae and juveniles of the common carp <i>Cyprinus carpio</i> L. and the sharptooth catfish <i>Clarias gariepinus</i> (Burchell). J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE	58	245-251
Mammals		
Parasites of domestic and wild animals in South Africa. XXVI. The mosaic of ixodid tick infestations on birds and mammals in the Mountain Zebra National Park. I. G. HORAK, L. J. FOURIE, P. A. NOVELLIE and E. A. WILLIAMS	58	125-136
Membrane feeding technique		
The use of a membrane feeding technique to determine the infection rate of <i>Culicoides imicola</i> (Diptera: Ceratopogonidae) for 2 bluetongue virus serotypes in South Africa. G. J. VENTER, ELAINE HILL, I. T. P. PAJOR and E. M. NEVILL	58	5-9
Mice		
T cell-mediated immunity to <i>Cowdria ruminantium</i> in mice: the protective role of Lyt-2 ⁺ T cells. J. L. DU PLESSIS, P. BERCHÉ and L. VAN GAS	58	171-179

Milk

A gas-chromatographic headspace, method for the determination of acetone in bovine milk, blood and urine. HANLIE E. K. WINTERBACH and P. J. APPS 58 75-79

Morphological profiles

The biochemical, morphological and virulence profiles of *Bacillus anthracis* isolated in the Kruger National Park. M. W. ODENDAAL, P. M. PIETERSON, V. DE VOS and A. D. BOTHA 58 21-26

Nematode worm burdens

Overberg research projects. X. Faecal egg counts in the interpretation of nematode worm burdens in sheep. R. K. REINECKE and H. T. GROENEVELD 58 149-153

Neotragus moschatus

Parasites of South African wildlife. VII. Helminths of suni, *Neotragus moschatus*, in Natal. J. BOOMKER, D. G. BOOYSE and L. E. O. BRAACK 58 15-16

New race of Cooperia

Parasites of South African wildlife. XI. Description of a new race of *Cooperia rotundispiculum* Gibbons & Khalil, 1980. J. BOOMKER 58 271-273

Numida meleagris

The prevalence of blood parasites in helmeted guineafowls, *Numida meleagris*, in the Kruger National Park. R. A. EARLÉ, I. G. HORAK, F. W. HUCHZERMAYER, G. F. BENNETT, L. E. O. BRAACK and B. L. PENZHORN 58 145-147

Nyala

Parasites of South African wildlife. XII. Helminths of nyala, *Tragelaphus angasii*, in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND 58 275-280

Oriental latrine fly

Spread in South Africa of the Oriental latrine fly *Chysomya megacephala* (Fabricius) (Diptera: Calliphoridae), an introduced species closely resembling *Chysomya bezziana* Villeneuve. L. E. O. BRAACK 58 311-312

Overberg research projects

Overberg research projects. X. Faecal egg counts in the interpretation of nematode worm burdens in sheep. R. K. REINECKE and H. T. GROENEVELD 58 149-153

Overberg research projects. XI. First stage larval reduction test to assess, anthelmintic efficacy ante mortem in sheep. R. K. REINECKE, MARDI LOURENS and BETHEA PETERSEN 58 285-290

Parasites of wildlife

Parasites of South African wildlife. VI. Helminths of blue duikers, *Cephalophus monticola*, in Natal. J. BOOMKER, D. G. BOOYSE and M. E. KEEP 58 11-13

Parasites of South African wildlife. VII. Helminths of suni, *Neotragus moschatus*, in Natal. J. BOOMKER, D. G. BOOYSE and L. E. O. BRAACK 58 15-16

Parasites of South African wildlife. VIII. Helminth and arthropod parasites of warthogs, *Phacochoerus aethiopicus*, in the eastern Transvaal. J. BOOMKER, I. G. HORAK, D. G. BOOYSE and SANTA MEYER 58 195-202

Parasites of South African wildlife. IX. Helminths of kudu *Tragelaphus strepsiceros*, in the eastern Cape Province. J. BOOMKER, I. G. HORAK and M. M. KNIGHT 58 203-204

Parasites of South African wildlife. X. Helminths of red duikers, *Cephalophus natalensis*, in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND 58 205-209

Parasites of South African wildlife. XI. Description of a new race of *Cooperia rotundispiculum* Gibbons & Khalil, 1980. J. BOOMKER 58 271-273

Parasites of South African wildlife. XII. Helminths of nyala, *Tragelaphus angasii*, in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND 58 275-280

Parasitological examination

Health status of salmonids in river systems in Natal. I. Collection of fish and parasitological examination. R. R. BRAGG 58 59-62

Perinatal mortality

Perinatal mortality in lambs of ewes exposed to cultures of *Diplodia maydis* (= *Stenocarpella maydis*) during gestation. T. S. KELLERMAN, L. PROZESKY, R. ANITRA SCHULTZ, C. J. RABIE, H. VAN ARK, B. P. MAARTENS and ANNELIE LÜBBEN 58 297-308

Pestivirus

Prevalence of ruminant pestivirus infections in Namibia. K. DEPNER, O. J. B. HUBSCHLE and B. LIESS 58 107-109

Phacochoerus aethiopicus

Parasites of South African wildlife. VIII. Helminth and arthropod parasites of warthogs, *Phacochoerus aethiopicus*, in the eastern Transvaal. J. BOOMKER, I. G. HORAK, D. G. BOOYSE and SANTA MEYER 58 195-202

Photosensitivity

Photosensitivity in South Africa. VI. The experimental induction of geeldikkop in sheep with crude steroidal saponins from *Tribulus terrestris*. T. S. KELLERMAN, G. L. ERASMUS, J. A. W. COETZER, J. M. M. BROWN and B. P. MAARTENS 58 47-53

Poisoning

The pathology of *Cestrum laevigatum* (Schlecht) poisoning in cattle. J. J. VAN DER LUGT, P. W. NEL and J. P. KITCHING 58 211-221

Red duikers

Parasites of South African wildlife. X. Helminths of red duikers, *Cephalophus natalensis*, in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND 58 205-209

Ixodid ticks and lice infesting red duikers and bushpigs in north-eastern Natal. I. G. HORAK, J. BOOMKER and J. R. B. FLAMAND 58 281-284

Red rock rabbits

Parasites of domestic and wild animals in South Africa. XXIX. Ixodid ticks on hares in the Cape Province and on hares and red rock rabbits in the Orange Free State. I. G. HORAK and L. J. FOURIE 58 261-270

Relative resistance of cattle

The relative resistance of six cattle breeds to the tick *Boophilus decoloratus* in South Africa. Y. RECHAV and M. W. KOSTRZEWSKI 58 181-186

Reproductive parameters of rhinoceroses

Reproductive parameters in free-ranging female black rhinoceroses (*Diceros bicornis*) in Zimbabwe. N. KOCK, D. MORTONE and M. KOCK 58 55-57

Rhinoceroses

Reproductive parameters in free-ranging female black rhinoceroses (*Diceros bicornis*) in Zimbabwe. N. KOCK, D. MORTONE and M. KOCK 58 55-57

Rickettsia

The tick-borne rickettsia *Cowdria ruminantium* has a chlamydia-like developmental cycle. FRANS JONGEJAN, THUIS A. ZANDBERGEN, PAUL A. VAN DE WIEL, MIA DE GROOT and GERRIT UILENBERG 58 227-237

River systems

Health status of salmonids in river systems in Natal. I. Collection of fish and parasitological examination. R. R. BRAGG 59 59-62

Health status of salmonids in river systems in Natal. II. Isolation and identification of viruses. R. R. BRAGG 58 63-65

Health status of salmonids in river systems in Natal. III. Isolation and identification of bacteria. R. R. BRAGG ... 58 67-70

Ruminants

Copper toxicity in ruminants: air pollution as a possible cause. B. GUMMOW, C. J. BOTHA, A. T. BASSON and STELLA S. BASTIANELLO 58 33-39

Prevalence of ruminant pestivirus infections in Namibia. K. DEPNER, O. J. B. HUBSCHLE and B. LIESS 58 107-109

Cardiomyopathy of ruminants induced by the litter of poultry fed on rations containing the ionophore antibiotic, maduramicin. 1. Epidemiology, clinical signs and clinical pathology. N. FOURIE, STELLA S. BASTIANELLO, L. PROZESKY, P. W. NEL and T. S. KELLERMAN 58 291-296

Salivary gland proteins

Sweating sickness: relative curative effect of hyperimmune serum and a precipitated immunoglobulin suspension and immunoblot identification of proposed immunodominant tick salivary gland proteins. A. M. SPICKETT, D. B. BURGER, J. C. CRAUSE, ELIZABETH M. ROUX and A. W. H. NEITZ 58 223-226

Salmonids

Health status of salmonids in river systems in Natal. I. Collection of fish and parasitological examination. R. R. BRAGG 58 59-62

Health status of salmonids in riversystems in Natal. II. Isolation and identification of viruses. R. R. BRAGG 58 63-65

Health status of salmonids in river systems in Natal. III. Isolation and identification of bacteria. R. R. BRAGG ... 58 67-70

Saponins

Photosensitivity in South Africa. VI. The experimental induction of geeldikkop in sheep with crude steroidal saponins from *Tribulus terrestris*. T. S. KELLERMAN, G. L. ERASMUS, J. A. W. COETZER, J. M. M. BROWN and B. P. MAARTENS 58 47-53

Sensitivity patterns

The antibiotic sensitivity patterns of *Bacillus anthracis* isolated from the Kruger National Park. M. W. ODENDAAL, P. M. PIETERSON, V. DE VOS and A. D. BOTHA 58 17-19

Sharptooth catfish

Investigation into the effects of concentration and duration of exposure to formalin and malachite green on the survival of the larvae and juveniles of the common carp *Cyprinus carpio* L. and the sharptooth catfish *Clarias gariepinus* (Burchell). J. THERON, J. F. PRINSLOO and H. J. SCHOONBEE 58 245-251

Sheep

Photosensitivity in South Africa. VI. The experimental induction of geeldikkop in sheep with crude steroidal saponins from *Tribulus terrestris*. T. S. KELLERMAN, G. L. ERASMUS, J. A. W. COETZER, J. M. M. BROWN and B. P. MAARTENS 58 47-53

Parasites of domestic and wild animals in South Africa. XXV. Ixodid ticks on sheep in the north-eastern Orange Free State and in the eastern Cape Province. I. G. HORAK, E. J. WILLIAMS and P. C. VAN SCHALKWYK 58 115-123

Overberg research projects. X. Faecal egg counts in the interpretation of nematode worm burdens in sheep. R. K. REINECKE and H. T. GROENEVELD 58 149-153

Overberg research projects. XI. First stage larval reduction test to assess, anthelmintic efficacy ante mortem in sheep. R. K. REINECKE, MARDI LOURENS and BETHEA PETERSEN 58 285-290

Stenocarpella maydis

Perinatal mortality in lambs of ewes exposed to cultures of *Diplodia maydis* (= *Stenocarpella maydis*) during gestation. T. S. KELLERMAN, L. PROZESKY, R. ANITRA SCHULTZ, C. J. RABIE, H. VAN ARK, B. P. MAARTENS and ANNELIE LÜBBEN 58 297-308

Suni

Parasites of South African wildlife. VII. Helminths of suni, *Neotragus moschatus*, in Natal. J. BOOMKER, D. G. BOOYSE and L. E. O. BRAACK 58 15-16

Sweating sickness

Sweating sickness: relative curative effect of hyperimmune serum and a precipitated immunoglobulin suspension and immunoblot identification of proposed immunodominant tick salivary gland proteins. A. M. SPICKETT, D. B. BURGER, J. C. CRAUSE, ELIZABETH M. ROUX and A. W. H. NEITZ..... 58 223-226

Tick-borne rickettsia

The tick-borne rickettsia *Cowdria ruminantium* has a chlamydia-like development cycle. FRANS JONGEJAN, THUIS A. ZANDBERGEN, PAUL A. VAN DE WIEL, MIA DE GROOT and GERRIT UILENBERG 58 227-237

Ticks

Drag-sampling of free-living ixodid ticks in the Kruger National Park. A. M. SPICKETT, I. G. HORAK, L. E. O. BRAACK and H. VAN ARK..... 58 27-32

The effect of tick infestation on the productivity of cows of three breeds of cattle. M. M. SCHOLTZ, A. M. SPICKETT, P. E. LOMBARD and C. B. ENSLIN..... 58 71-74

A review of the ixodid ticks (Acari, Ixodidae) occurring in Southern Africa. JANE B. WALKER 58 81-105

Parasites of domestic and wild animals in South Africa. XXV. Ixodid ticks on sheep in the north-eastern Orange Free State and in the eastern Cape Province. I. G. HORAK, E. J. WILLIAMS and P. C. VAN SCHALKWYK 58 115-123

Parasites of domestic and wild animals in South Africa. XXVI. The mosaic of ixodid tick infestations on birds and mammals in the Mountain Zebra National Park. I. G. HORAK, L. J. FOURIE, P. A. NOVELLIE and E. A. WILLIAMS..... 58 125-136

Parasites of domestic and wild animals in South Africa. XXVII. Ticks on helmeted guineafowls in the eastern Cape Province and eastern Transvaal Lowveld. I. G. HORAK, A. M. SPICKETT, L. E. O. BRAACK and E. J. WILLIAMS..... 58 137-143

The relative resistance of six cattle breeds to the tick *Boophilus decoloratus* in South Africa. Y. RECHAV and M. W. KOSTRZEWSKI..... 58 181-186

Ultrastructural morphology of *Cowdria ruminantium* in midgut epithelial cells of adult *Amblyomma hebraeum* female ticks. ALET HART, KATHERINE M. KOCAN, J. D. BEZUIDENHOUT and L. PROZESKY..... 58 187-193

Sweating sickness: relative curative effect of hyperimmune serum and a precipitated immunoglobulin suspension and immunoblot identification of proposed immunodominant tick salivary gland proteins. A. M. SPICKETT, D. B. BURGER, J. C. CRAUSE, ELIZABETH M. ROUX and A. W. H. NEITZ 58 223-226

Parasites of domestic and wild animals in South Africa. XXIX. Ixodid ticks on hares in the Cape Province and on hares and red rock rabbits in the Orange Free State. I. G. HORAK and L. J. FOURIE..... 58 261-270

Ixodid ticks and lice infesting red duikers and bushpigs in north-eastern Natal. I. G. HORAK, J. BOOMKER and J. R. B. FLAMAND..... 58 281-284

T cell-mediated immunity

T cell-mediated immunity to *Cowdria ruminantium* in mice: the protective role of Lyt-2⁺ T cells. J. L. DU PLESSIS, P. BERCHE and L. VAN GAS 58 171-179

T cells

T cell-mediated immunity to *Cowdria ruminantium* in mice: the protective role of Lyt-2⁺ T cells. J. L. DU PLESSIS, P. BERCHE and L. VAN GAS 58 171-179

Tragelaphus angasii

Parasites of South African wildlife. XII. Helminths of nyala, *Tragelaphus angasii*, in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND 58 275-280

Tragelaphus strepsiceros

Parasites of South African wildlife. IX. Helminths of kudu *Tragelaphus strepsiceros*, in the eastern Cape Province. J. BOOMKER, I. G. HORAK and M. M. KNIGHT..... 58 203-204

Tribulus terrestris

Photosensitivity in South Africa. VI. The experimental induction of geeldikkop in sheep with crude steroidal saponins from *Tribulus terrestris*. T. S. KELLERMAN, G. L. ERASMUS, J. A. W. COETZER, J. M. M. BROWN and B. P. MAARTENS 58 47-53

Trichomonas foetus

A reduction in the duration of infection with *Trichomonas foetus* following vaccination in heifers and the failure to demonstrate a curative effect in infected bulls. S. HERR, L. M. M. RIBEIRO, ELMARIE CLAASSEN and J. G. MYBURGH..... 58 41-45

Ultrastructural morphology

Ultrastructural morphology of *Cowdria ruminantium* in midgut epithelial cells of adult *Amblyomma hebraeum* female ticks. ALET HART, KATHERINE M. KOCAN, J. D. BEZUIDENHOUT and L. PROZESKY..... 58 187-193

Urine		
A gas-chromatographic headspace method for the determination of acetone in bovine milk, blood and urine. HANLIE E. K. WINTERBACH and P. J. APPS	58	75–79
Vaccination		
A reduction in the duration of infection with <i>Trichomonas foetus</i> following vaccination in heifers and the failure to demonstrate a curative effect in infected bulls. S. HERR, L. M. M. RIBEIRO, ELMARIE CLAASSEN and I. G. MYBURGH	58	41–45
Virulence profiles		
The biochemical, morphological and virulence profiles of <i>Bacillus anthracis</i> isolated in the Kruger National Park. M. W. ODENDAAL, P. M. PIETERSON, V. DE VOS and A. D. BOTHA	58	21–26
Viruses		
Health status of salmonids in riversystems in Natal. II. Isolation and identification of viruses. R. R. BRAGG	58	63–65
Warthogs		
Parasites of South African wildlife. VIII. Helminth and arthropod parasites of warthogs, <i>Phacochoerus aethiopicus</i> , in the eastern Transvaal. J. BOOMKER, I. G. HORAK, D. G. BOOYSE and SANTA MEYER	58	195–202
Wild animals		
Parasites of domestic and wild animals in South Africa. XXV. Ixodid ticks on sheep in the north-eastern Orange Free State and in the eastern Cape Province. I. G. HORAK, E. J. WILLIAMS and P. C. VAN SCHALKWYK	58	115–123
Parasites of domestic and wild animals in South Africa. XXVI. The mosaic of ixodid tick infestations on birds and mammals in the Mountain Zebra National Park. I. G. HORAK, L. J. FOURIE, P. A. NOVELLIE and E. A. WILLIAMS	58	125–136
Parasites of domestic and wild animals in South Africa. XXVII. Ticks on helmeted guineafowls in the eastern Cape Province and eastern Transvaal Lowveld. I. G. HORAK, A. M. SPICKETT, L. E. O. BRAACK and E. J. WILLIAMS	58	137–143
Parasites of domestic and wild animals in South Africa. XXVIII. Helminths and arthropod parasites of Angora goats and kids in Valley Bushveld. I. G. HORAK, M. M. KNIGHT and E. J. WILLIAMS	58	253–260
Parasites of domestic and wild animals in South Africa. XXIX. Ixodid ticks on hares in the Cape Province and on hares and red rock rabbits in the Orange Free State. I. G. HORAK and L. J. FOURIE	58	261–270
Wildlife		
Parasites of South African wildlife. VI. Helminths of blue duikers, <i>Cephalophus monticola</i> , in Natal. J. BOOMKER, D. G. BOOYSE and M. E. KEEP	58	11–13
Parasites of South African wildlife. VII. Helminths of suni, <i>Neotragus moschatus</i> , in Natal. J. BOOMKER, D. G. BOOYSE and L. E. O. BRAACK	58	15–16
Parasites of South African wildlife. VIII. Helminth and arthropod parasites of warthogs, <i>Phacochoerus aethiopicus</i> , in the eastern Transvaal. J. BOOMKER, I. G. HORAK, D. G. BOOYSE and SANTA MEYER	58	195–202
Parasites of South African wildlife. IX. Helminths of kudu <i>Tragelaphus strepsiceros</i> , in the eastern Cape Province. J. BOOMKER, I. G. HORAK and M. M. KNIGHT	58	203–204
Parasites of South African wildlife. X. Helminths of red duikers, <i>Cephalophus natalensis</i> , in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND	58	205–209
Parasites of South African wildlife. XI. Description of a new race of <i>Cooperia rotundispiculum</i> Gibbons & Khalil, 190. J. BOOMKER	58	271–273
Parasites of South African wildlife. XII. Helminths of nyala, <i>Tragelaphus angasii</i> , in Natal. J. BOOMKER, I. G. HORAK and J. R. B. FLAMAND	58	275–280