

Author index

ONDERSTEPSOORT JOURNAL OF VETERINARY RESEARCH

Volume 61, Numbers 1–4, 1994

BARNARD, B.J.H.	
Epidemiology of African horsesickness: Duration of viraemia in zebra (<i>Equus burchelli</i>)—B.J.H. BARNARD, R. BENGIS, D. KEET and E.H. DEKKER	391–393
BASSON, A.J.	
Vanadium air pollution: a cause of malabsorption and immunosuppression in cattle—B. GUMMOW, S.S. BASTIANELLO, C.J. BOTHA, H.J.C. SMITH, A.J. BASSON and B. WELLS	303–316
BASTIANELLO, S.S.	
Vanadium air pollution: a cause of malabsorption and immunosuppression in cattle—B. GUMMOW, S.S. BASTIANELLO, C.J. BOTHA, H.J.C. SMITH, A.J. BASSON and B. WELLS	303–316
BAUGH, P.J.	
Sleeping sickness and the central nervous system—V.W. PENTREATH, P.J. BAUGH and D.R. LAVIN	369–377
BENGIS, R.	
Epidemiology of African horsesickness: Duration of viraemia in zebra (<i>Equus burchelli</i>)—B.J.H. BARNARD, R. BENGIS, D. KEET and E.H. DEKKER	391–393
BENNETT, GORDON F.	
Trypanosomes of some sub-Saharan birds—GORDON F. BENNETT, ROY A. EARLÉ and DEBORAH SQUIRES-PARSONS	263–271
BEZUIDENHOUT, A.J.	
Osteology of the pelvic limb of the African elephant (<i>Loxodonta africana</i>)—MALIE M.S. SMUTS and A.J. BEZUIDENHOUT	51–66
Serum- and bone-mineral status of ostriches with tibiotarsal rotation—A.J. BEZUIDENHOUT, W.P. BURGER, F. REYERS and J.T. SOLEY	203–206
Evidence for cryptosporidial infection as a cause of prolapse of the phallus and cloaca in ostrich chicks (<i>Struthio camelus</i>)—MARY-LOUISE PENRITH, A.J. BEZUIDENHOUT, W.P. BURGER and J.F. PUTTERILL	283–289
BOERSEMA, B.R.	
The detection of antibodies cross-reacting with <i>Cowdria ruminantium</i> in the sera of domestic ruminants in regions of South Africa where <i>Amblyomma hebraeum</i> does not occur—J.L. DU PLESSIS, B.R. BOERSEMA and M.F. VAN STRIJP	277–281
BOOMKER, J.	
Helminth and arthropod parasites of indigenous goats in the northern Transvaal—J. BOOMKER, I.G. HORAK and K.A. RAMSAY	13–20
Parasites of South African freshwater fish. VI. Nematode parasites of some fish species in the Kruger National Park—J. BOOMKER	35–43
Eight new Afrotropical <i>Spinitectus</i> spp. (Nematoda: Cystidicolidae) from freshwater fishes with a key to the members of the genus in the Region—J. BOOMKER and F.A. PUylaert	127–142
Parasites of South African freshwater fish. VII. Nematodes of some scaled fishes from the Hartbeespoort Dam, Transvaal—J. BOOMKER	197–199
BOTHA, A.D.	
First isolation of <i>Campylobacter jejuni</i> from the vaginal discharge of three bitches after abortion in South Africa—M.W. ODENDAAL, K.G.M. DE CRAMER, MARTHA L. VAN DER WALT, A.D. BOTHA and P.M. PIETERSON	193–195

BOTHA, C.J.	
Vanadium air pollution: a cause of malabsorption and immunosuppression in cattle—B. GUMMOW, S.S. BASTIANELLO, C.J. BOTHA, H.J.C. SMITH, A.J. BASSON and B. WELLS	303–316
BRAACK, L.E.O.	
African horsesickness epidemiology: five species of <i>Culicoides</i> (Diptera: Ceratopogonidae) collected live behind the ears and at the dung of the African elephant in the Kruger National Park, South Africa—R. MEISWINKEL and L.E.O. BRAACK	155–170
BRAGG, R.R.	
A rapid method to quantify bacterial contamination on hatching eggs. I. Correlation of optical density with initial bacterial count—A.C.E. PIENAAR, L. COETZEE and R.R. BRAGG	341–349
BUORO, I.B.J.	
Putative avocado toxicity in two dogs—I.B.J. BUORO, S.B. NYAMWANGE, D. CHAI and S.M. MUNYUA	107–109
BURGER, W.P.	
Serum- and bone-mineral status of ostriches with tibiotarsal rotation—A.J. BEZUIDENHOUT, W.P. BURGER, F. REYERS and J.T. SOLEY	203–206
Evidence for cryptosporidial infection as a cause of prolapse of the phallus and cloaca in ostrich chicks (<i>Struthio camelus</i>)—MARY-LOUISE PENRITH, A.J. BEZUIDENHOUT, W.P. BURGER and J.F. PUTTERILL	283–289
CHADENGA, V.	
Epidemiology and control of Trypanosomosis—V. CHADENGA	385–390
CHAI, D.	
Putative avocado toxicity in two dogs—I.B.J. BUORO, S.B. NYAMWANGE, D. CHAI and S.M. MUNYUA	107–109
COETZEE, HELEEN L.	
A histocytochemical study of mucus glycoproteins or mucins in the intestinal tract of the African elephant (<i>Loxodonta africana</i>)—SANET H. KOTZÉ and HELEEN L. COETZEE	177–181
COETZEE, L.	
A rapid method to quantify bacterial contamination on hatching eggs. I. Correlation of optical density with initial bacterial count—A.C.E. PIENAAR, L. COETZEE and R.R. BRAGG	341–349
COETZER, J.A.W.	
Photosensitivity in South Africa. VII. Chemical composition of biliary crystals from a sheep with experimentally induced geeldikkop—C.O. MILES, A.L. WILKINS, G.L. ERASMUS, T.S. KELLERMAN and J.A.W. COETZER	215–222
CONNOR, R.J.	
The impact of nagana—R.J. CONNOR	379–383
CORNELIUS, S.T.	
A nervous disorder in cattle, caused by the plants <i>Ficus ingens</i> var. <i>ingens</i> and <i>Ficus cordata</i> subsp. <i>salicifolia</i> —J.G. MYBURGH, N. FOURIE, J.J. VAN DER LUGT, T.S. KELLERMAN, S.T. CORNELIUS and CAROLINE WARD	171–176
DA COSTA MENDES, V.M.	
Isolation and preliminary characterization of a caprine rotavirus—V.M. DA COSTA MENDES, M.C. DE BEER, G.H. GOOSEEN and A.D. STEELE	291–294
DAVIDSON, B.	
Studies on the presence of endotoxin activity and inflammatory products (leukotrienes) in cases of experimentally induced heartwater in sheep—S.R. VAN AMSTEL, ELSBÉ MYBURGH, JENNIFER MUNDELL and B. DAVIDSON	29–33
DE BEER, M.C.	
Isolation and preliminary characterization of a caprine rotavirus—V.M. DA COSTA MENDES, M.C. DE BEER, G.H. GOOSEEN and A.D. STEELE	291–294
DE CRAMER, K.G.M.	
First isolation of <i>Campylobacter jejuni</i> from the vaginal discharge of three bitches after abortion in South Africa—M.W. ODENDAAL, K.G.M. DE CRAMER, MARTHA L. VAN DER WALT, A.D. BOTHA and P.M. PIETERSON	193–195
DEKKER, E.H.	
Epidemiology of African horsesickness: Duration of viraemia in zebra (<i>Equus burchelli</i>)—B.J.H. BARNARD, R. BENGIS, D. KEET and E.H. DEKKER	391–393
DE WAAL, D.T.	
A survey of the incidence and importance of the tick-borne diseases heartwater, redwater and anaplasmosis in the heartwater-endemic regions of South Africa—J.L. DU PLESSIS, D.T. DE WAAL and W.H. STOLTSZ	295–301
DE VOS, V.	
The oesophagus and stomach of the African elephant: a histological, immunocytochemical and immunofluorescence study—G. VAN ASWEGEN, J.H. SCHOE MAN, V. DE VOS and SUSAN VAN NOORDEN	223–229
DU PLESSIS, J.L.	
The detection of antibodies cross-reacting with <i>Cowdria ruminantium</i> in the sera of domestic ruminants in regions of South Africa where <i>Amblyomma hebraicum</i> does not occur—J.L. DU PLESSIS, B.R. BOERSEMA and M.F. VAN STRIJP	277–281

A survey of the incidence and importance of the tick-borne diseases heartwater, redwater and anaplasmosis in the heartwater-endemic regions of South Africa—J.L. DU PLESSIS, D.T. DE WAAL and W.H. STOLTSZ	295–301
DU PREEZ, J.H.	
Effect of heat stress on conception in a dairy-herd model in the Natal highlands of South Africa—J.H. DU PREEZ, J.J.C. WILLEMSE and H. VAN ARK	1–6
DU PREEZ, J.L.	
A bioequivalence and pharmacokinetic evaluation of two commercial diminazene aceturate formulations administered intramuscularly to cattle—B. GUMMOW, G.E. SWAN and J.L. DU PREEZ	317–326
DU TOIT, J.S.	
Sequential feeding of <i>Ixodes rubicundus</i> on its natural host, <i>Elephantulus myurus</i> : effects on tick mass and on engorgement and moulting success—J.S. DU TOIT, L.J. FOURIE and I.G. HORAK	143–147
Detachment rhythms of immature <i>Ixodes rubicundus</i> from their natural host, the rock elephant shrew (<i>Elephantulus myurus</i>)—J.S. DU TOIT, L.J. FOURIE and I.G. HORAK	149–153
DYCE, A.L.	
Afrotropical <i>Culicoides</i> : Description and comparison of the pupae of seven species of the Similis supergroup (Diptera: Ceratopogonidae)—HILDA NEVILL and A.L. DYCE	85–106
EARLÉ, ROY A.	
Trypanosomes of some sub-Saharan birds—GORDON F. BENNETT, ROY A. EARLÉ and DEBORAH SQUIRES-PARSONS	263–271
ERASMUS, G.L.	
Photosensitivity in South Africa. VII. Chemical composition of biliary crystals from a sheep with experimentally induced geeldikkop—C.O. MILES, A.L. WILKINS, G.L. ERASMUS, T.S. KELLERMAN and J.A.W. COETZER	215–222
Photosensitivity in South Africa. VIII. Ovine metabolism of <i>Tribulus terrestris</i> saponins during experimentally induced geeldikkop—C.O. MILES, A.L. WILKINS, G.L. ERASMUS and T.S. KELLERMAN	351–359
ESTERHUYSEN, J.J.	
Pseudorabies and transmissible gastroenteritis: a serological survey in South Africa—R. WILLIAMS, J.J. ESTERHUYSEN and J.T.R. ROBINSON	67–70
FICK, W.C.	
Early and late transcriptional phases in the replication of lumpy-skin-disease virus—W.C. FICK and G.J. VILJOEN	255–261
FOURIE L.J.	
A method for the assessment of blackfly (Diptera: Simuliidae) attraction to and engorgement on sheep in South Africa—D.J. KOK, L.J. FOURIE and P.T. OBEREM	7–11
Sequential feeding of <i>Ixodes rubicundus</i> on its natural host, <i>Elephantulus myurus</i> : effects on tick mass and on engorgement and moulting success—J.S. DU TOIT, L.J. FOURIE and I.G. HORAK	143–147
Detachment rhythms of immature <i>Ixodes rubicundus</i> from their natural host, the rock elephant shrew (<i>Elephantulus myurus</i>)—J.S. DU TOIT, L.J. FOURIE and I.G. HORAK	149–153
FOURIE, N.	
A nervous disorder in cattle, caused by the plants <i>Ficus ingens</i> var. <i>ingens</i> and <i>Ficus cordata</i> subsp. <i>salicifolia</i> —J.G. MYBURGH, N. FOURIE, J.J. VAN DER LUGT, T.S. KELLERMAN, S.T. CORNELIUS and CAROLINE WARD	171–176
GEYER, A.	
The identification of <i>Mycoplasma conjunctivae</i> as an aetiological agent of infectious keratoconjunctivitis of sheep in South Africa—A. VAN HALDEREN, W.J.J. VAN RENSBURG, A. GEYER and J.H. VORSTER	231–237
GOOSEEN, G.H.	
Isolation and preliminary characterization of a caprine rotavirus—V.M. DA COSTA MENDES, M.C. DE BEER, G.H. GOOSEEN and A.D. STEELE	291–294
GROENEWALD, H.B.	
Neuropeptides in the myenteric ganglia and nerve fibres of the fore-stomach and abomasum of grey, white and black Karakul lambs—H.B. GROENEWALD	207–213
GUMMOW, B.	
Vanadium air pollution: a cause of malabsorption and immunosuppression in cattle—B. GUMMOW, S.S. BASTIANELLO, C.J. BOTHA, H.J.C. SMITH, A.J. BASSON and B. WELLS	303–316
A bioequivalence and pharmacokinetic evaluation of two commercial diminazene aceturate formulations administered intramuscularly to cattle—B. GUMMOW, G.E. SWAN and J.L. DU PREEZ	317–326
HORAK, I.G.	
Helminth and arthropod parasites of indigenous goats in the northern Transvaal—J. BOOMKER, I.G. HORAK and K.A. RAMSAY	13–20
Sequential feeding of <i>Ixodes rubicundus</i> on its natural host, <i>Elephantulus myurus</i> : effects on tick mass and on engorgement and moulting success—J.S. DU TOIT, L.J. FOURIE and I.G. HORAK	143–147

Detachment rhythms of immature <i>Ixodes rubicundus</i> from their natural host, the rock elephant shrew (<i>Elephantulus myurus</i>)—J.S. DU TOIT, L.J. FOURIE and I.G. HORAK	149–153
JARDINE, J.E.	
Application of immunoperoxidase techniques to formalin-fixed brain tissue for the diagnosis of rabies in southern Africa—R.D. LAST, J.E. JARDINE, M.M.E. SMIT and J.J. VAN DER LUGT	183–187
KAMINSKY, R.	
Evaluation of a short-term <i>in vitro</i> growth-inhibition test to determine susceptibility of <i>Trypanosoma vivax</i> stocks to various trypanocides—E. ZWEYGARTH, R. KAMINSKY and S.K. MOLOO	189–191
KEET, D.	
Epidemiology of African horsesickness: Duration of viraemia in zebra (<i>Equus burchelli</i>)—B.J.H. BARNARD, R. BENGIS, D. KEET and E.H. DEKKER	391–393
KELLERMAN, T.S.	
A nervous disorder in cattle, caused by the plants <i>Ficus ingens</i> var. <i>ingens</i> and <i>Ficus cordata</i> subsp. <i>salicifolia</i> —J.G. MYBURGH, N. FOURIE, J.J. VAN DER LUGT, T.S. KELLERMAN, S.T. CORNELIUS and CAROLINE WARD	171–176
Photosensitivity in South Africa. VII. Chemical composition of biliary crystals from a sheep with experimentally induced geelkopp—C.O. MILES, A.L. WILKINS, G.L. ERASMUS, T.S. KELLERMAN and J.A.W. COETZER	215–222
Perinatal mortality in lambs of ewes exposed to cultures of <i>Diplodia maydis</i> (= <i>Stenocarpella maydis</i>) during gestation. A study of the central-nervous-system lesions—L. PROZESKY, T.S. KELLERMAN, D. PETRO SWART, B.P. MAARTENS and R. ANITRA SCHULTZ	247–253
Photosensitivity in South Africa. VIII. Ovine metabolism of <i>Tribulus terrestris</i> saponins during experimentally induced geelkopp—C.O. MILES, A.L. WILKINS, G.L. ERASMUS and T.S. KELLERMAN	351–359
KOK, D.J.	
A method for the assessment of blackfly (Diptera: Simuliidae) attraction to and engorgement on sheep in South Africa—D.J. KOK, L.J. FOURIE and P.T. OBEREM	7–11
KOTZÉ, SANET H.	
A histocytochemical study of mucus glycoproteins or mucins in the intestinal tract of the African elephant (<i>Loxodonta africana</i>)—SANET H. KOTZÉ and HELEEN L. COETZEE	177–181
KRIGEL, Y.	
Bovine besnoitiosis: transfer of colostral antibodies with observations possibly relating to natural transmission of the infection—VARDA SHKAP, E. PIPANO, S. MARCUS and Y. KRIGEL	273–275
LANGLEY, P.A.	
Understanding tsetse flies—P.A. LANGLEY	361–367
LAST, R.D.	
Application of immunoperoxidase techniques to formalin-fixed brain tissue for the diagnosis of rabies in southern Africa—R.D. LAST, J.E. JARDINE, M.M.E. SMIT and J.J. VAN DER LUGT	183–187
LAVIN, D.R.	
Sleeping sickness and the central nervous system—V.W. PENTREATH, P.J. BAUGH and D.R. LAVIN	369–377
LINDEQUE, P.M.	
Ecology and epidemiology of anthrax in the Etosha National Park, Namibia—P.M. LINDEQUE and P.C.B. TURNBULL	71–83
MAARTENS, B.P.	
Perinatal mortality in lambs of ewes exposed to cultures of <i>Diplodia maydis</i> (= <i>Stenocarpella maydis</i>) during gestation. A study of the central-nervous-system lesions—L. PROZESKY, T.S. KELLERMAN, D. PETRO SWART, B.P. MAARTENS and R. ANITRA SCHULTZ	247–253
MARCUS, S.	
Bovine besnoitiosis: transfer of colostral antibodies with observations possibly relating to natural transmission of the infection—VARDA SHKAP, E. PIPANO, S. MARCUS and Y. KRIGEL	273–275
MEISWINKEL, R.	
African horsesickness epidemiology: five species of <i>Culicoides</i> (Diptera: Ceratopogonidae) collected live behind the ears and at the dung of the African elephant in the Kruger National Park, South Africa—R. MEISWINKEL and L.E.O. BRAACK	155–170
The virtual absence of <i>Culicoides imicola</i> (Diptera: Ceratopogonidae) in a light-trap survey of the colder, high-lying area of the eastern Orange Free State, South Africa, and implications for the transmission of arboviruses—G.J. VENTER and R. MEISWINKEL	327–340
MILES, C.O.	
Photosensitivity in South Africa. VII. Chemical composition of biliary crystals from a sheep with experimentally induced geelkopp—C.O. MILES, A.L. WILKINS, G.L. ERASMUS, T.S. KELLERMAN and J.A.W. COETZER	215–222
Photosensitivity in South Africa. VIII. Ovine metabolism of <i>Tribulus terrestris</i> saponins during experimentally induced geelkopp—C.O. MILES, A.L. WILKINS, G.L. ERASMUS and T.S. KELLERMAN	351–359

MOLOO, S.K.	Evaluation of a short-term <i>in vitro</i> growth-inhibition test to determine susceptibility of <i>Trypanosoma vivax</i> stocks to various trypanocides—E. ZWEYGARTH, R. KAMINSKY and S.K. MOLOO	189–191
MUNDELL, JENNIFER	Studies on the presence of endotoxin activity and inflammatory products (leukotrienes) in cases of experimentally induced heartwater in sheep—S.R. VAN AMSTEL, ELSBÉ MYBURGH, JENNIFER MUNDELL and B. DAVIDSON	29–33
MUNYUA, S.M.	Putative avocado toxicity in two dogs—I.B.J. BUORO, S.B. NYAMWANGE, D. CHAI and S.M. MUNYUA	107–109
MYBURGH, ELSBÉ	The clinical pathology of heartwater. III. Changes in blood clotting, blood calcium, blood protein, haematocrit and white-cell counts in sheep with experimentally induced heartwater—S.R. VAN AMSTEL, F. REYERS, ELSBÉ MYBURGH, GERTRUIDA PRETORIUS and P. SACKS	21–27
	Studies on the presence of endotoxin activity and inflammatory products (leukotrienes) in cases of experimentally induced heartwater in sheep—S.R. VAN AMSTEL, ELSBÉ MYBURGH, JENNIFER MUNDELL and B. DAVIDSON	29–33
	Changes in the blood-gas status of sheep with experimentally induced heartwater—S.R. VAN AMSTEL, F. REYERS and ELSBÉ MYBURGH	45–49
MYBURGH, J.G.	A nervous disorder in cattle, caused by the plants <i>Ficus ingens</i> var. <i>ingens</i> and <i>Ficus cordata</i> subsp. <i>salicifolia</i> —J.G. MYBURGH, N. FOURIE, J.J. VAN DER LUGT, T.S. KELLERMAN, S.T. CORNELIUS and CAROLINE WARD.	171–176.
NEVILL, HILDA	Afrotropical <i>Culicoides</i> : Description and comparison of the pupae of seven species of the Similis supergroup (Diptera: Ceratopogonidae)—HILDA NEVILL and A.L. DYCE	85–106
NYAMWANGE, S.B.	Putative avocado toxicity in two dogs—I.B.J. BUORO, S.B. NYAMWANGE, D. CHAI and S.M. MUNYUA	107–109
OBEREM, P.T.	A method for the assessment of blackfly (Diptera: Simuliidae) attraction to and engorgement on sheep in South Africa—D.J. KOK, L.J. FOURIE and P.T. OBEREM	7–11
ODENDAAL, M.W.	First isolation of <i>Campylobacter jejuni</i> from the vaginal discharge of three bitches after abortion in South Africa—M.W. ODENDAAL, K.G.M. DE CRAMER, MARTHA L. VAN DER WALT, A.D. BOTHA and P.M. PIETERSON	193–195
PALMER, R.W.	A rapid method of estimating the abundance of immature blackflies (Diptera: Simuliidae)—R.W. PALMER	117–126
PENRITH, MARY-LOUISE	Evidence for cryptosporidial infection as a cause of prolapse of the phallus and cloaca in ostrich chicks (<i>Struthio camelus</i>)—MARY-LOUISE PENRITH, A.J. BEZUIDENHOUT, W.P. BURGER and J.F. PUTTERILL	283–289
PENTREATH, V.W.	Sleeping sickness and the central nervous system—V.W. PENTREATH, P.J. BAUGH and D.R. LAVIN	369–377
PIETERSON, P.M.	First isolation of <i>Campylobacter jejuni</i> form the vaginal discharge of three bitches after abortion in South Africa—M.W. ODENDAAL, K.G.M. DE CRAMER, MARTHA L. VAN DER WALT, A.D. BOTHA and P.M. PIETERSON	193–195
PIENAAR, A.C.E.	A rapid method to quantify bacterial contamination on hatching eggs. I. Correlation of optical density with initial bacterial count—A.C.E. PIENAAR, L. COETZEE and R.R. BRAGG	341–349
PIPANO, E.	Bovine besnoitiosis: transfer of colostral antibodies with observations possibly relating to natural transmission of the infection—VARDA SHKAP, E. PIPANO, S. MARCUS and Y. KRIGEL	273–275
PRETORIUS, GERTRUIDA	The clinical pathology of heartwater. III. Changes in blood clotting, blood calcium, blood protein, haematocrit and white-cell counts in sheep with experimentally induced heartwater—S.R. VAN AMSTEL, F. REYERS, ELSBÉ MYBURGH, GERTRUIDA PRETORIUS and P. SACKS	21–27
PROZESKY, L.	Perinatal mortality in lambs of ewes exposed to cultures of <i>Diplodia maydis</i> (= <i>Stenocarpella maydis</i>) during gestation. A study of the central-nervous-system lesions—L. PROZESKY, T.S. KELLERMAN, D. PETRO SWART, B.P. MAARTENS and R. ANITRA SCHULTZ	247–253
PUTTERILL, J.F.	Evidence for cryptosporidial infection as a cause of prolapse of the phallus and cloaca in ostrich chicks (<i>Struthio camelus</i>)—MARY-LOUISE PENRITH, A.J. BEZUIDENHOUT, W.P. BURGER and J.F. PUTTERILL	283–289

PUYLAERT, F.A.		
Eight new Afrotropical <i>Spinitectus</i> spp. (Nematoda: Cystidicolidae) from freshwater fishes with a key to the members of the genus in the Region—J. BOOMKER and F.A. PUYLAERT		127–142
RAMSAY, K.A.		
Helminth and arthropod parasites of indigenous goats in the northern Transvaal—J. BOOMKER, I.G. HORAK and K.A. RAMSAY		13–20
REYERS, F.		
The clinical pathology of heartwater. III. Changes in blood clotting, blood calcium, blood protein, haematocrit and white-cell counts in sheep with experimentally induced heartwater—S.R. VAN AMSTEL, F. REYERS, ELSBÉ MYBURGH, GERTRUIDA PRETORIUS and P. SACKS		21–27
Changes in the blood-gas status of sheep with experimentally induced heartwater—S.R. VAN AMSTEL, F. REYERS and ELSBÉ MYBURGH		45–49
Serum- and bone-mineral status of ostriches with tibiotarsal rotation—A.J. BEZUIDENHOUT, W.P. BURGER, F. REYERS and J.T. SOLEY		203–206
ROBERTS, D.C.		
Ultrastructure of ostrich (<i>Struthio camelus</i>) spermatozoa. II. Scanning electron microscopy—J.T. SOLEY and D.C. ROBERTS		239–246
ROBINSON, J.T.R.		
Pseudorabies and transmissible gastroenteritis: a serological survey in South Africa—R. WILLIAMS, J.J. ESTER-HUYSEN and J.T.R. ROBINSON		67–70
SACKS, P.		
The clinical pathology of heartwater. III. Changes in blood clotting, blood calcium, blood protein, haematocrit and white-cell counts in sheep with experimentally induced heartwater—S.R. VAN AMSTEL, F. REYERS, ELSBÉ MYBURGH, GERTRUIDA PRETORIUS and P. SACKS		21–27
SCHOEMAN, J.H.		
The oesophagus and stomach of the African elephant: a histological, immunocytochemical and immunofluorescence study—G. VAN ASWEGEN, J.H. SCHOEMAN, V. DE VOS and SUSAN VAN NOORDEN		223–229
SCHULTZ, R. ANITRA		
Perinatal mortality in lambs of ewes exposed to cultures of <i>Diplodia maydis</i> (= <i>Stenocarpella maydis</i>) during gestation. A study of the central-nervous-system lesions—L. PROZESKY, T.S. KELLERMAN, D. PETRO SWART, B.P. MAARTENS and R. ANITRA SCHULTZ		247–253
SCHWAN, E.V.		
Bile enhances the infectivity of third stage larvae of <i>Dictyocaulus filaria</i> —G.A.P. TITOY and E.V. SCHWAN		395–396
SHKAP, VARDA		
Bovine besnoitiosis: transfer of colostral antibodies with observations possibly relating to natural transmission of the infection—VARDA SHKAP, E. PIPANO, S. MARCUS and Y. KRIGEL		273–275
SMIT, M.M.E.		
Application of immunoperoxidase techniques to formalin-fixed brain tissue for the diagnosis of rabies in southern Africa—R.D. LAST, J.E. JARDINE, M.M.E. SMIT and J.J. VAN DER LUGT		183–187
SMITH, H.J.C.		
Vanadium air pollution: a cause of malabsorption and immunosuppression in cattle—B. GUMMOW, S.S. BASTIANELLO, C.J. BOTHA, H.J.C. SMITH, A.J. BASSON and B. WELLS		303–316
SMUTS, MALIE M.S.		
Osteology of the pelvic limb of the African elephant (<i>Loxodonta africana</i>)—MALIE M.S. SMUTS and A.J. BEZUIDENHOUT		51–66
SOLEY, J.T.		
Serum- and bone-mineral status of ostriches with tibiotarsal rotation—A.J. BEZUIDENHOUT, W.P. BURGER, F. REYERS and J.T. SOLEY		203–206
Ultrastructure of ostrich (<i>Struthio camelus</i>) spermatozoa. II. Scanning electron microscopy—J.T. SOLEY and D.C. ROBERTS		239–246
SQUIRES-PARSONS, DEBORAH		
Trypanosomes of some sub-Saharan birds—GORDON F. BENNETT, ROY A. EARLÉ and DEBORAH SQUIRES-PARSONS		263–271
STEELE, A.D.		
Isolation and preliminary characterization of a caprine rotavirus—V.M. DA COSTA MENDES, M.C. DE BEER, G.H. GOOSE and A.D. STEELE		291–294
STOLTSZ, W.H.		
A survey of the incidence and importance of the tick-borne diseases heartwater, redwater and anaplasmosis in the heartwater-endemic regions of South Africa—J.L. DU PLESSIS, D.T. DE WAAL and W.H. STOLTSZ		295–301

SWAN, G.E.	
A bioequivalence and pharmacokinetic evaluation of two commercial diminazene aceturate formulations administered intramuscularly to cattle—B. GUMMOW, G.E. SWAN and J.L. DU PREEZ	317–326
SWART, D. PETRO	
Perinatal mortality in lambs of ewes exposed to cultures of <i>Diplodia maydis</i> (= <i>Stenocarpella maydis</i>) during gestation. A study of the central-nervous-system lesions—L. PROZESKY, T.S. KELLERMAN, D. PETRO SWART, B.P. MAARTENS and R. ANITRA SCHULTZ	247–253
TITOY, G.A.P.	
Bile enhances the infectivity of third stage larvae of <i>Dictyocaulus filaria</i> —G.A.P. TITOY and E.V. SCHWAN	395–396
TURNBULL, P.C.B.	
Ecology and epidemiology of anthrax in the Etosha National Park, Namibia—P.M. LINDEQUE and P.C.B. TURNBULL	71–83
VAN AMSTEL, S.R.	
The clinical pathology of heartwater. III. Changes in blood clotting, blood calcium, blood protein, haematocrit and white-cell counts in sheep with experimentally induced heartwater—S.R. VAN AMSTEL, F. REYERS, ELSBÉ MYBURGH, GERTRUIDA PRETORIUS and P. SACKS	21–27
Studies on the presence of endotoxin activity and inflammatory products (leukotrienes) in cases of experimentally induced heartwater in sheep—S.R. VAN AMSTEL, ELSBÉ MYBURGH, JENNIFER MUNDELL and B. DAVIDSON	29–33
Changes in the blood-gas status of sheep with experimentally induced heartwater—S.R. VAN AMSTEL, F. REYERS and ELSBÉ MYBURGH	45–49
VAN ARK, H.	
Effect of heat stress on conception in a dairy-herd model in the Natal highlands of South Africa—J.S. DU PREEZ, J.J.C. WILLEMSE and H. VAN ARK	1–6
VAN ASWEGEN, G.	
The oesophagus and stomach of the African elephant: histological, immunocytochemical and immunofluorescence study—G. VAN ASWEGEN, J.H. SCHOEMAN, V. DE VOS and SUSAN VAN NOORDEN	223–229
VAN DER LUGT, J.J.	
A nervous disorder in cattle, caused by the plants <i>Ficus ingens</i> var. <i>ingens</i> and <i>Ficus cordata</i> subsp. <i>salicifolia</i> —J.G. MYBURGH, N. FOURIE, J.J. VAN DER LUGT, T.S. KELLERMAN, S.T. CORNELIUS and CAROLINE WARD	171–176
Application of immunoperoxidase techniques to formalin-fixed brain tissue for the diagnosis of rabies in southern Africa—R.D. LAST, J.E. JARDINE, M.M.E. SMIT and J.J. VAN DER LUGT	183–187
VAN DER WALT, MARTHA L.	
First isolation of <i>Campylobacter jejuni</i> from the vaginal discharge of three bitches after abortion in South Africa—M.W. ODENDAAL, K.G.M. DE CRAMER, MARTHA L. VAN DER WALT, A.D. BOTHA and P.M. PIETERSON	193–195
VAN HALDEREN, A.	
The identification of <i>Mycoplasma conjunctivae</i> as an aetiological agent of infectious keratoconjunctivitis of sheep in South Africa—A. VAN HALDEREN, W.J.J. VAN RENSBURG, A. GEYER and J.H. VORSTER	231–237
VAN NOORDEN, SUSAN	
The oesophagus and stomach of the African elephant: a histological, immunocytochemical and immunofluorescence study—G. VAN ASWEGEN, J.H. SCHOEMAN, V. DE VOS and SUSAN VAN NOORDEN	223–229
VAN RENSBURG, W.J.J.	
The identification of <i>Mycoplasma conjunctivae</i> as an aetiological agent of infectious keratoconjunctivitis of sheep in South Africa—A. VAN HALDEREN, W.J.J. VAN RENSBURG, A. GEYER and J.H. VORSTER	231–237
VAN STRIJP, M.F.	
The detection of antibodies cross-reacting with <i>Cowdria ruminantium</i> in the sera of domestic ruminants in regions of South Africa where <i>Amblyomma hebraeum</i> does not occur—J.L. DU PLESSIS, B.R. BOERSEMA and M.F. VAN STRIJP	277–281
VENTER, G.J.	
The virtual absence of <i>Culicoides imicola</i> (Diptera: Ceratopogonidae) in a light-trap survey of the colder, high-lying area of the eastern Orange Free State, South Africa, and implications for the transmission of arboviruses—G.J. VENTER and R. MEISWINKEL	327–340
VILJOEN, G.J.	
Early and late transcriptional phases in the replication of lumpy-skin-disease virus—W.C. FICK and G.J. VILJOEN	255–261
VORSTER, J.H.	
The identification of <i>Mycoplasma conjunctivae</i> as an aetiological agent of infectious keratoconjunctivitis of sheep in South Africa—A. VAN HALDEREN, W.J.J. VAN RENSBURG, A. GEYER and J.H. VORSTER	231–237
WARD, CAROLINE	
A nervous disorder in cattle, caused by the plants <i>Ficus ingens</i> var. <i>ingens</i> and <i>Ficus cordata</i> subsp. <i>salicifolia</i> —J.G. MYBURGH, N. FOURIE, J.J. VAN DER LUGT, T.S. KELLERMAN, S.T. CORNELIUS and CAROLINE WARD	171–176

- WELLS, B.**
Vanadium air pollution: a cause of malabsorption and immunosuppression in cattle—B. GUMMOW, S.S. BASTIANELLO, C.J. BOTHA, H.J.C. SMITH, A.J. BASSON and B. WELLS 303–316
- WILKINS, A.L.**
Photosensitivity in South Africa. VII. Chemical composition of biliary crystals from a sheep with experimentally induced geeldikkop—C.O. MILES, A.L. WILKINS, G.L. ERASMUS, T.S. KELLERMAN and J.A.W. COETZER 215–222
Photosensitivity in South Africa. VIII. Ovine metabolism of *Tribulus terrestris* saponins during experimentally induced geeldikkop—C.O. MILES, A.L. WILKINS, G.L. ERASMUS and T.S. KELLERMAN 351–359
- WILLEMSE, J.J.C.**
Effect of heat stress on conception in a dairy-herd model in the Natal highlands of South Africa—J.H. DU PREEZ, J.J.C. WILLEMSE and H. VAN ARK 1–6
- WILLIAMS, R.**
Pseudorabies and transmissible gastroenteritis: a serological survey in South Africa—R. WILLIAMS, J.J. ESTERHUYSEN and J.T.R. ROBINSON 67–70
- ZWEYGARTH, E.**
Evaluation of a short-term *in vitro* growth-inhibition test to determine susceptibility of *Trypanosoma vivax* stocks to various trypanocides—E. ZWEYGARTH, R. KAMINSKY and S.K. MOLOO 189–191