

SUBJECT INDEX

	<i>Volume</i>	<i>Page</i>
Acariasis		
Nasal acariasis in the chacma baboon, <i>Papio ursinus</i>	38	207-214
Acidosis		
Changes in the levels of plasma electrolytes and glucose in severe artificially induced acidosis in Merino sheep.....	37	151-156
Activation		
Enzymatic activation of <i>Clostridium perfringens</i> epsilon prototoxin and some biological properties of activated toxin.....	40	153-156
African elephant		
Herpes nodules in the lung of the African elephant [<i>Loxodonta africana</i> (Blumenbach, 1797)].....	38	225-236
Some parasitic and other natural diseases of the African elephant in the Kruger National Park.....	38	239-254
Foot-and-mouth disease in the African elephant (<i>Loxodonta africana</i>).....	40	41-52
Angora		
Reproductive physiology and endocrinology of normal and habitually aborting Angora goats.....	38	1-62
Anoplura		
Descriptions of <i>Hoplopleura aethomydis</i> n. sp. and of the male of <i>Polyplax solivaga</i> (Anoplura: Hoplopleuridae).....	36	299-302
Antelope		
Observations on the pathogenesis of bovine and antelope strains of <i>Besnoitia besnoiti</i> (Marotel, 1912) infection in cattle and rabbits.....	37	105-126
Some protozoan parasites of tragelaphine antelopes in South Africa with special reference to a <i>Babesia</i> sp. in a bushbuck and a <i>Trypanosoma theileri</i> -like parasite in a nyala.....	39	225-228
The toxicology and pathology of dieldrin and photodieldrin poisoning in two antelope species.....	40	31-04
Anthelmintic test		
Studies on <i>Dictyocaulus filaria</i> . III. The migration of the immature stages applied to an anthelmintic test	38	191-198
An anthelmintic test for gastro-intestinal nematodes of cattle.....	39	153-178
Antibody studies		
Fluorescent antibody studies on ephemeral fever virus.....	36	187-190
Studies on schistosomiasis. 3. Detection of antibodies against <i>Schistosoma mattheei</i> by the indirect immuno-fluorescent method.....	39	179-180
Antigenic factors		
The toxic antigenic factors produced by <i>Clostridium botulinum</i> types C and D.....	38	93-98
Antigenicity		
The antigenicity of <i>Clostridium botulinum</i> type C toxin administered <i>per os</i>	37	169-172
Antigenic relationship		
Antigenic relationship of <i>Brucella ovis</i> to <i>Brucella abortus</i> and <i>Brucella melitensis</i> using the complement fixation test.....	36	191-198
Antigens		
Antiphagocytic activity of <i>Staphylococcus aureus</i> antigens.....	36	199-206
Antiphagocytic activity		
Antiphagocytic activity of <i>Staphylococcus aureus</i> antigens.....	36	199-206
Antrypol		
Clinicopathological study on experimental <i>Trypanosoma brucei</i> infections in horses. Part I. Development of clinically recognizable nervous symptoms in nagana-infected horses treated with subcurative doses of Antrypol and Berenil.....	38	127-140
Asaemia axillaris		
Photosensitivity in South Africa. 1. A comparative study of <i>Asaemia axillaris</i> (Thunb.) Harv. ex Jackson and <i>Lasiospermum bipinnatum</i> (Thunb.) Druce poisoning in sheep.....	40	115-126
Babecides		
Experimental diamidine poisoning due to commonly used babecides.....	37	173-184
Babesia sp.		
Some protozoan parasites of tragelaphine antelope in South Africa with special reference to a <i>Babesia</i> sp. in a bushbuck and a <i>Trypanosoma theileri</i> -like parasite in a nyala.....	39	225-228
Baboon		
Nasal acariasis in the chacma baboon, <i>Papio ursinus</i>	38	207-214
Oocysts of <i>Isospora papionis</i> in the skeletal muscles of chacma baboons.....	39	113-116
Berenil		
Clinicopathological study on experimental <i>Trypanosoma brucei</i> infections in horses. Part I. Development of clinically recognizable nervous symptoms in nagana-infected horses treated with Antrypol and Berenil.....	38	127-140
Besnoitia besnoiti		
Observations on the pathogenesis of bovine and antelope strains of <i>Besnoitia besnoiti</i> (Marotel, 1912) infection in cattle and rabbits.....	37	105-126
Bilharziasis		
Observations on bilharziasis of domestic ruminants in South Africa.....	36	129-162
A clinico-pathological study of bilharziasis in sheep.....	37	37-44
Bluetongue		
On the relationship between bluetongue, African horsesickness and reoviruses. Hybridization studies	36	175-180
Bluetongue virus induced interferon synthesis.....	36	181-186
The application of improved techniques to the identification of strains of bluetongue virus.....	37	59-66
Macromolecular synthesis in bluetongue virus infected cells. I. Virus-specific ribonucleic acid synthesis	37	191-198
Macromolecular synthesis in bluetongue virus infected cells. II. Host cell metabolism.....	37	199-210
Failure to demonstrate <i>in vitro</i> as opposed to <i>in vivo</i> transcription of the bluetongue virus genome.....	37	225-228
Cattle and <i>Culicoides</i> biting midges as possible overwintering hosts of bluetongue virus.....	38	65-72
Interferon induction by bluetongue virus and bluetongue virus ribonucleic acid.....	39	125-132
Studies on the <i>in vitro</i> and the <i>in vivo</i> transcription of the bluetongue virus genome.....	39	185-192
Visualization of the extracapsid coat in certain bluetongue-type viruses.....	39	193-196
Electron microscopy of bluetongue virus RNA.....	40	73-76
Molecular hybridization studies on the relationships between different serotypes of bluetongue virus and on the difference between the virulent and attenuated strains of the same serotype.....	40	93-104

	Volume	Page
Bos taurus		
Certain aspects of the facial and trigeminal nerves of the ox (<i>Bos taurus</i> L.).....	36	303-320
Bovine		
Observations on the pathogenesis of bovine and antelope strains of <i>Besnoitia besnoiti</i> (Marotel, 1912) infection in cattle and rabbits.....	37	105-126
The diagnosis of bovine mastitis: a critical evaluation of a polyvalent radial immunodiffusion test and other methods.....	40	59-68
Studies on the development of a vaccine against bovine ephemeral fever.....	40	77-82
Brucella		
Antigenic relationship of <i>Brucella ovis</i> to <i>Brucella abortus</i> and <i>Brucella melitensis</i> using the complement fixation test.....	36	191-198
Serological titres following vaccination of sheep and goats with <i>Brucella melitensis</i> Rev. 1 vaccine.....	40	1-6
A serological investigation on adult cattle vaccinated with <i>Brucella abortus</i> strain 19.....	40	7-12
Buffalo		
Parasitic and other diseases of the African buffalo in the Kruger National Park.....	37	11-28
Clinical foot-and-mouth disease in the African buffalo (<i>Syncerus caffer</i>).....	39	181-184
Bushbuck		
Some protozoan parasites of tragelaphine antelopes in South Africa with special reference to a <i>Babesia</i> sp. in a bushbuck and a <i>Trypanosoma theileri</i> -like parasite in a nyala.....	39	225-228
Calcium		
The influence of magnesium sulphate on the absorption, excretion and retention of calcium and phosphorus by sheep on phosphate supplemented diets.....	37	1-6
Calves		
Immune response to dead and live <i>Escherichia coli</i> vaccines and colostral transfer of immunity to calves and lambs.....	37	157-164
Cardiac glycosides		
Studies on South African cardiac glycosides. I. Isolation of toxic principles of <i>Homeria glauca</i> (W. & E. N.E. Br. and observations on their chemical and pharmacological properties	38	255-278
Cattle		
Observations on the pathogenesis of bovine and antelope strains of <i>Besnoitia besnoiti</i> (Marotel, 1912) infection in cattle and rabbits.....	37	105-126
Cattle and <i>Culicoides</i> biting midges as possible overwintering hosts of bluetongue virus.....	38	65-72
An anthelmintic test for gastro-intestinal nematodes of cattle.....	39	153-178
An electrocardiographic study of normal goats and cattle using a modified technique.....	39	209-224
A serological investigation on adult cattle vaccinated with <i>Brucella abortus</i> strain 19.....	40	7-12
Effects of ephemeral fever on milk production and reproduction of dairy cattle.....	40	83-92
Cell walls		
Immunizing properties of <i>Corynebacterium pseudotuberculosis</i> cell walls.....	36	211-216
Immunological and chemical characteristics of <i>Corynebacterium pseudotuberculosis</i> cell walls and protoplasm.....	38	83-92
Ceratopogonidae		
The morphology of the immature stages of some South African <i>Culicoides</i> species (Diptera: Ceratopogonidae).....	36	265-284
Host preferences of <i>Culicoides</i> midges (Diptera: Ceratopogonidae) in South Africa as determined by precipitin tests and light trap catches.....	39	147-152
Cercaria		
Studies on schistosomiasis. 4. Differential staining of live and dead cercariae after immobilization with physostigmin.....	40	23-30
Studies on schistosomiasis. 5. Sampling methods for estimating the numbers of cercariae in suspension with special reference to the infestation of experimental animals.....	40	157-174
Cestodes		
Cestodes from rodents in the Republic of South Africa.....	39	25-50
Chacma baboon		
Nasal acariasis in the chacma baboon, <i>Papio ursinus</i>	38	207-214
Oocysts of <i>Isospora papionis</i> in the skeletal muscles of chacma baboons.....	39	113-116
Clostridium botulinum		
The antigenicity of <i>Clostridium botulinum</i> type C toxin administered per os.....	37	169-172
The toxic antigenic factors produced by <i>Clostridium botulinum</i> types C and D.....	38	93-98
The quantitative determination of the toxic factors produced by <i>Clostridium botulinum</i> (Van Ermengem, 1896) types C and D.....	38	177-180
Tryptic activation of <i>Clostridium botulinum</i> type C β toxin.....	38	237-238
Clostridium perfringens		
<i>Clostridium perfringens</i> type D epsilon prototoxin. Some chemical, immunological and biological properties of a highly purified prototoxin.....	40	145-152
Enzymatic activation of <i>Clostridium perfringens</i> epsilon prototoxin and some biological properties of activated toxin.....	40	153-156
Coccidiosis		
Uterine coccidiosis of the impala caused by <i>Eimeria neitzi</i> spec. nov.....	37	45-58
Colostral transfer of immunity		
Immune response to dead and live <i>Escherichia coli</i> vaccines and colostral transfer of immunity to calves and lambs.....	37	157-164
Complement fixation		
Antigenic relationship of <i>Brucella ovis</i> to <i>Brucella abortus</i> and <i>Brucella melitensis</i> using the complement fixation test.....	36	191-198
Corripata		
Electron microscopic studies on Corripata virus.....	36	321-324
Corynebacterium pseudotuberculosis		
Immunization of mice against <i>Corynebacterium pseudotuberculosis</i> infection.....	36	207-210
Immunizing properties of <i>Corynebacterium pseudotuberculosis</i> cell walls.....	36	211-216
Relationship of <i>Corynebacterium pseudotuberculosis</i> protoplasmic toxins to the exotoxin.....	37	97-104
Mechanism of immunity to <i>Corynebacterium pseudotuberculosis</i> (Buchanan, 1911) in mice using inactivated vaccine.....	38	73-82
Immunological and chemical characteristics of <i>Corynebacterium pseudotuberculosis</i> cell walls and proto-		

	Volume	Page
plasm.....	38	83-92
Immune response of Merino sheep to inactivated <i>Corynebacterium pseudotuberculosis</i> vaccine.....	39	11-24
Studies on the enhancement of immunity to <i>Corynebacterium pseudotuberculosis</i>	40	105-114
Cowdria (Rickettsia) ruminantium		
Electron microscopy of <i>Cowdria (Rickettsia) ruminantium</i> (Cowdry, 1926) in the endothelial cells of the vertebrate host.....	37	67-78
Pathogenesis of heartwater. I. <i>Cowdria ruminantium</i> in the lymph nodes of domestic ruminants.....	37	89-96
Culicoides		
The morphology of the immature stages of some South African <i>Culicoides</i> species (Diptera: Ceratopogonidae).....	36	265-284
Cattle and <i>Culicoides</i> biting midges as possible overwintering hosts of bluetongue virus.....	38	65-72
Host preferences of <i>Culicoides</i> midges (Diptera: Ceratopogonidae) in South Africa as determined by precipitin tests and light trap catches.....	39	147-152
Cytauxzoonosis		
Cytauxzoonosis in a giraffe [<i>Giraffa camelopardalis</i> (Linnæus, 1758)] in Zululand.....	37	7-10
Dairy cattle		
Effects of ephemeral fever on milk production and reproduction of dairy cattle.....	40	83-92
Delafondiasis		
Strongylidoses: Delafondiasis in the zebra.....	36	105-128
Diamidine		
Experimental diamidine poisoning due to commonly used babecides.....	37	173-184
Dictyocaulus filaria		
Studies on <i>Dictyocaulus filaria</i> . I. Modifications of laboratory procedures.....	38	181-184
Studies on <i>Dictyocaulus filaria</i> . II. Migration of the developmental stages in lambs.....	38	185-190
Studies on <i>Dictyocaulus filaria</i> . III. The migration of the immature stages applied to an antihelminthic test.....	38	191-198
Studies on <i>Dictyocaulus filaria</i> . IV. The morphogenesis of the parasite stages in lambs.	38	199-206
Dieldrin		
The toxicology and pathology of dieldrin and photodieldrin poisoning in two antelope species.....	40	31-40
Differential staining		
Studies on schistosomiasis. 4. Differential staining of live and dead cercariae after immobilization with physostigmin.....	40	23-30
Diptera		
The morphology of the immature stages of some South African <i>Culicoides</i> species (Diptera: Ceratopogonidae).....	36	265-284
Host preferences of <i>Culicoides</i> midges (Diptera: Ceratopogonidae) in South Africa as determined by precipitin tests and light trap catches.....	39	147-152
Diseases (African buffalo)		
Parasitic and other diseases of the African buffalo in the Kruger National Park.....	37	11-28
Clinical foot-and-mouth disease in the African buffalo (<i>Synnerus caffer</i>).....	39	181-184
Diseases (African elephant)		
Some parasitic and other natural diseases of the African elephant in the Kruger National Park.....	38	239-254
Foot-and-mouth disease in the African elephant (<i>Loxodonta africana</i>).....	40	41-52
Eczema		
First report of facial eczema in sheep in South Africa.....	39	107-112
Eggs		
The optimal conditions for the multiplication of Neethling-type lumpy skin disease virus in embryonated eggs.....	36	165-174
Eimeria spp.		
<i>Eimeria chinchillae</i> De Vos & Van der Westhuizen, 1968 and other <i>Eimeria</i> spp. from three South African rodent species.....	37	185-190
Eimeria chinchillae		
Studies on the host range of <i>Eimeria chinchillae</i> De Vos & Van der Westhuizen, 1968.....	37	29-36
<i>Eimeria chinchillae</i> De Vos & Van der Westhuizen, 1968 and other <i>Eimeria</i> species from three South African rodent species.....	37	185-190
Eimeria neitzi		
Uterine coccidiosis of the impala caused by <i>Eimeria neitzi</i> spec. nov.....	37	45-58
Electrocardiographic study		
An electrocardiographic study of normal sheep using a modified technique.....	39	97-106
An electrocardiographic study of normal goats and cattle using a modified technique.....	39	209-224
Electron microscopic studies		
Electron microscopic studies on Corriparta virus.....	36	321-324
Electron microscopic and serological studies on simian virus S.A. II and the "related" O agent.....	39	133-138
Electron microscopic studies on equine encephalosis virus.....	40	53-58
Electron microscopy		
Electron microscopy of <i>Cowdria (Rickettsia) ruminantium</i> (Cowdry, 1926) in the endothelial cells of the vertebrate host.....	37	67-78
Electron microscopy of bluetongue virus RNA.....	40	73-76
Elephant		
Herpes nodules in the lung of the African elephant [<i>Loxodonta africana</i> (Blumenbach, 1797)].....	38	225-236
Some parasitic and other natural diseases of the African elephant in the Kruger National Park.....	38	239-254
Foot-and-mouth disease in the African elephant (<i>Loxodonta africana</i>).....	40	41-52
Encephalosis		
Electron microscopic studies on equine encephalosis virus.....	40	53-58
Endocrinology		
Reproductive physiology and endocrinology of normal and habitually aborting Angora goats.....	38	1-62
Ephemeral fever		
Fluorescent antibody studies on ephemeral fever virus.....	36	187-190
Morphological variation in ephemeral fever virus strains.....	36	325-326
Further observations on the ultrastructure of ephemeral fever virus.....	37	145-146
Studies on the development of a vaccine against bovine ephemeral fever.....	40	77-82
Effects of ephemeral fever on milk production and reproduction of dairy cattle.....	40	83-92
Variation in morphology of ephemeral fever virus.....	40	139-144

		Volume	Page
Epizootiology of nematode parasites			
Further studies on the epizootiology of nematode parasites of sheep in the Karoo.....	36	233-264	
Equidae			
A mycotoxicosis of equidae caused by <i>Fusarium moniliforme</i> Sheldon. A preliminary communication..	39	205-209	
Escherichia coli			
Immune response to dead and live <i>Escherichia coli</i> vaccines and colostral transfer of immunity to calves and lambs.....	37	157-164	
Exotoxin			
Relationship of <i>Corynebacterium pseudotuberculosis</i> protoplasmic toxins to the exotoxin.....	37	97-104	
Extracapsid coat			
Visualization of the extracapsid coat in certain bluetongue-type viruses.....	39	193-196	
Exudate cells			
Phagocytic activity of peritoneal exudate cells from mice.....	39	197-204	
Facial eczema			
First report of facial eczema in sheep in South Africa.....	39	107-112	
Facial nerve			
Certain aspects of the facial and trigeminal nerves of the ox (<i>Bos taurus</i> L.).....	36	303-320	
Fadogia monticola			
Ingestion of the plant <i>Fadogia monticola</i> Robyns as an additional cause of gousiekte in ruminants....	39	71-82	
Foot-and-mouth disease			
Clinical foot-and-mouth disease in the African buffalo.....	39	181-184	
Foot-and-mouth disease in the African elephant (<i>Loxodonta africana</i>).....	40	41-52	
Fusarium moniliforme			
A mycotoxicosis of equidae caused by <i>Fusarium moniliforme</i> Sheldon. A preliminary communication	39	205-208	
Gaigeria pachyscelis			
The pathological physiology of <i>Gaigeria pachyscelis</i> infestation.....	38	111-116	
Game animals			
Experimental infection of game animals with lumpy skin disease virus (prototype strain Neethling) ..	37	79-88	
Geigeria ornativa			
Lesions in sheep skeletal and oesophageal muscle in vermeersiekte (<i>Geigeria ornativa</i> O. Hofm. poisoning).....	40	127-138	
Gemsbok			
<i>Taenia multiceps</i> larva from a gemsbok.....	39	123-124	
Gestation			
“Grootlamsiekte”, a specific syndrome of prolonged gestation in sheep caused by a shrub, <i>Salsola tuberculata</i> (Fenzl ex Moq) Schinz. var. <i>tomentosa</i> C. A. Smith ex Aellen.....	36	59-104	
“Grootlamsiekte”, a specific syndrome of prolonged gestation in sheep; further investigation.....	39	59-70	
Giraffa camelopardalis			
Cytauxzoonosis in a giraffe [<i>Giraffa camelopardalis</i> (Linnaeus, 1758)] in Zululand.....	37	7-10	
Giraffe			
Cytauxzoonosis in a giraffe [<i>Giraffa camelopardalis</i> (Linnaeus, 1758)] in Zululand.....	37	7-10	
<i>Margaropus wileyi</i> sp. nov. (Ixodoidea, Ixodidae), a new species of tick from the reticulated giraffe...	40	13-22	
Glucose			
Changes in the levels of plasma electrolytes and glucose in severe artificially induced acidosis in Merino sheep.....	37	151-156	
Glycoside			
Studies on South African cardiac glycosides. I. Isolation of toxic principles of <i>Homeria glauca</i> (W. & E.) N.E. Br. and observations on their chemical and pharmacological properties.....	38	255-278	
Goats			
Reproductive physiology and endocrinology of normal and habitually aborting Angora goats.....	38	1-62	
Pneumocystosis in a domestic goat.....	38	117-126	
An electrocardiographic study of normal goats and cattle using a modified technique.....	39	209-224	
Serological titres following vaccination of sheep and goats with <i>Brucella melitensis</i> Rev. 1. vaccines..	40	1-6	
Golden hamster			
Preliminary report on the golden hamster as a definitive host of <i>Taenia solium</i> Linnaeus, 1758 and <i>Taenia saginata</i> Goeze 1782.....	38	63-64	
Gousiekte			
Ingestion of the plant <i>Fadogia monticola</i> Robyns as an additional cause of gousiekte on ruminants..	39	71-82	
“Grootlamsiekte”			
“Grootlamsiekte”, a specific syndrome of prolonged gestation in sheep caused by a shrub, <i>Salsola tuberculata</i> (Fenzl ex Moq) Schinz. var. <i>tomentosa</i> C. A. Smith ex Aellen.....	36	59-104	
“Grootlamsiekte”, a specific syndrome of prolonged gestation in sheep; further investigations.....	39	59-70	
Hamster			
Preliminary report on the golden hamster as a definitive host of <i>Taenia solium</i> Linnaeus, 1758 and <i>Taenia saginata</i> Goeze 1782.....	38	63-64	
Heartwater			
Pathogenesis of heartwater. I. <i>Cowdria ruminantium</i> in the lymph nodes of domestic ruminants.....	37	89-96	
Immunity in heartwater. I. A preliminary note on the role of serum antibodies.....	37	147-150	
Helminths			
Helminths from the mountain reedbuck, <i>Redunca fulvorufula</i> (Afzelius, 1815).....	40	69-70	
Herpes			
Herpes nodules in the lung of the African elephant [<i>Loxodonta africana</i> (Blumenbach, 1797)]......	38	225-236	
Mechanism of envelopment of herpes virus by the nuclear envelope.....	40	71-72	
Homeria glauca			
Studies on South African cardiac glycosides. I. Isolation of toxic principles of <i>Homeria glauca</i> (W. & E.) N.E. Br. and observations on their chemical and pharmacological properties.....	38	255-278	
Hoplopleura aethomydis			
Descriptions of <i>Hoplopleura aethomydis</i> n. sp. and of the male of <i>Polyplax solivaga</i> (Anoplura: Hoplopleuridae).....	36	299-302	

	Volume	Page
Hoplopleuridae		
Descriptions of <i>Hoplopleuria aethomydis</i> n. sp. and of the male of <i>Polyplax solivaga</i> (Anoplura: Hoplopleuridae).....	36	299-302
Horse		
Intersexuality in the horse.....	37	211-216
Clinicopathological study on experimental <i>Trypanosoma brucei</i> infections in horses. Part 1. Development of clinically recognizable nervous symptoms in nagana-infected horses treated with subcurative doses of Antrypol and Berenil.....	38	127-140
Clinicopathological study on experimental <i>Trypanosoma brucei</i> infections in horses. Part 2. Histopathological findings in the nervous system and other organs of treated and untreated horses reacting to nagana.....	38	141-176
Horsesickness		
On the relationship between bluetongue, African horsesickness and reoviruses. Hybridization studies.....	36	175-180
Plaque formation by African horsesickness virus and characterization of its RNA.....	37	137-144
Studies on the transmission of African horsesickness.....	37	165-168
Host		
Cattle and Culicoides biting midges as possible overwintering hosts of bluetongue virus.....	38	65-72
Host preferences of <i>Culicoides</i> midges (Diptera: Ceratopogonidae) in South Africa as determined by precipitin tests and light trap catches.....	39	147-152
Host cell metabolism		
Macromolecular synthesis in bluetongue virus infected cells. II. Host cell metabolism.....	37	199-210
Host range		
Studies on the host range of <i>Eimeria chinchillae</i> , De Vos & Van der Westhuizen, 1968.....	37	29-36
Hybridization studies		
On the relationship between bluetongue, African horsesickness and reoviruses. Hybridization studies.....	36	175-180
Molecular hybridization studies on the relationships between different serotypes of bluetongue virus and on the difference between the virulent and attenuated strains of the same serotype.....	40	93-104
Immunity		
Immunity in heartwater. I. A preliminary note on the role of serum antibodies.....	37	147-150
Immune response to dead and live <i>Escherichia coli</i> vaccines and colostral transfer of immunity to calves and lambs.....	37	157-164
Mechanism of immunity to <i>Corynebacterium pseudotuberculosis</i> (Buchanan, 1911) in mice using inactivated vaccine.....	38	73-82
Evaluation of serological tests as criteria for immunity to staphylococcal skin infection in rabbits.....	38	99-110
Studies on the enhancement of immunity to <i>Corynebacterium pseudotuberculosis</i>	40	105-114
Immunization		
Immunization of mice against <i>Corynebacterium pseudotuberculosis</i> infection.....	36	207-210
Immunizing properties		
Immunizing properties of <i>Corynebacterium pseudotuberculosis</i> cell walls.....	36	211-216
Immunodiffusion test		
The diagnosis of bovine mastitis: a critical evaluation of a polyvalent radial immunodiffusion test and other methods.....	40	59-68
Impala		
Uterine coccidiosis of the impala caused by <i>Eimeria neitzi</i> spec. nov.....	37	45-58
Interferon		
Bluetongue virus-induced interferon synthesis.....	36	181-186
Interferon induction by bluetongue virus and bluetongue virus ribonucleic acid.....	39	125-132
Intersexuality		
Intersexuality in the horse.....	37	211-216
Isospora papionis		
Oocysts of <i>Isospora papionis</i> in the skeletal muscles of chacma baboons.....	39	113-116
Ixodes rubicundus		
Laboratory investigations 'n the life-cycle of the Karoo paralysis tick (<i>Ixodes rubicundus</i> , 1904).....	38	215-224
Ixodidae		
Laboratory investigation on the life-cycle of <i>Rhipicephalus theileri</i> Bedford & Hewitt, 1925 (Ixodoidea: Ixodidae).....	39	117-122
<i>Margaropus wileyi</i> sp. nov. (Ixodoidea: Ixodidae), a new species of tick from the reticulated giraffe.....	40	13-22
Ixodoidea		
Laboratory investigation on the life-cycle of <i>Rhipicephalus theileri</i> Bedford & Hewitt, 1925 (Ixodoidea: Ixodidae).....	39	117-122
<i>Margaropus wileyi</i> sp. nov. (Ixodoidea, Ixodidae), a new species of tick from the reticulated giraffe.....	40	13-22
Karoo paralysis tick		
Laboratory investigations on the life-cycle of the Karoo paralysis tick (<i>Ixodes rubicundus</i> Newmann, 1904).....	38	215-224
Lambs		
Immune response to dead and live <i>Escherichia coli</i> vaccines and colostral transfer of immunity to calves and lambs.....	37	157-164
Studies on <i>Dictyocaulus filaria</i> . II. Migration of the developmental stages in lambs.....	38	185-190
Studies on <i>Dictyocaulus filaria</i> . IV. The morphogenesis of parasitic stages in lambs.....	38	199-206
Lasiospermum bipinnatum		
Photosensitivity in South Africa. I. A comparative study of <i>Asaemia axillaris</i> (Thunb.) Harv. ex Jackson and <i>Lasiospermum bipinnatum</i> (Thunb.) Druce poisoning in sheep.....	40	115-126
Light trap		
Host preferences of <i>Culicoides</i> midges (Diptera: Ceratopogonidae) in South Africa as determined by precipitin tests and light trap catches.....	39	147-152
Loxodonta africana		
Herpes nodules in the lung of the African elephant [<i>Loxodonta africana</i> (Blumenbach, 1797)].....	38	225-236
Foot-and-mouth disease in the African elephant (<i>Loxodonta africana</i>).....	40	41-52
Lumpy skin disease		
The optimal conditions for the multiplication of Neethling-type lumpy skin disease virus in embryonated eggs.....	36	165-174
Experimental infection of game animals with lumpy skin disease virus (prototype strain Neethling).....	37	79-88

	Volume	Page
Macromolecular synthesis		
Macromolecular synthesis in bluetongue virus infested cells. I. Virus-specific ribonucleic acid synthesis	37	191-198
Macromolecular synthesis in bluetongue virus infected cells. II. Host cell metabolism	37	199-210
Magnesium sulphate		
The influence of magnesium sulphate on the absorption, excretion and retention of calcium and phosphorus by sheep on phosphate supplemented diets	37	1-6
Maize		
Mycoflora, toxicity and nutritive value of mouldy maize	39	1-10
Margaropus wileyi		
<i>Margaropus wileyi</i> sp. nov. (Ixodoidea, Ixodidae), a new species of tick from the reticulated giraffe	40	13-22
Mastitis		
The diagnosis of bovine mastitis: a critical evaluation of a polyvalent radial immunodiffusion test and other methods	40	59-68
Merino		
Changes in the levels of plasma electrolytes and glucose in severe artificially induced acidosis in Merino sheep	37	151-156
Immune response of Merino sheep to inactivated <i>Corynebacterium pseudotuberculosis</i> vaccine	39	11-24
Mice		
Immunization of mice against <i>Corynebacterium pseudotuberculosis</i> infection	36	207-210
Immune response of rabbits, mice and sheep to polyvalent <i>Pasteurella</i> vaccine	37	217-224
Mechanism of immunity to <i>Corynebacterium pseudotuberculosis</i> (Buchanan, 1911) in mice using inactivated vaccine	38	73-82
Phagocytic activity of peritoneal exudate cells from mice	39	197-204
Midges		
Cattle and <i>Culicoides</i> biting midges as possible overwintering hosts of bluetongue virus	38	65-72
Host preferences of <i>Culicoides</i> midges (Diptera: Ceratopogonidae) in South Africa as determined by precipitin tests and light trap catches	39	147-152
Milk production		
Effects of ephemeral fever on milk production and reproduction of dairy cattle	40	83-92
Morphological variation		
Morphological variation in ephemeral fever virus strains	36	325-326
Morphology		
Variation in morphology of ephemeral fever virus	40	139-144
Mouldy maize		
Mycoflora, toxicity and nutritive value of mouldy maize	39	1-10
Mule		
The recovery of parasitic nematodes from the gastro-intestinal tract of a mule at autopsy	39	51-58
Mutants		
Characterization of eight rough mutants of <i>Salmonella gallinarum</i>	39	139-147
Mycoflora		
Mycoflora, toxicity and nutritive value of mouldy maize	39	1-10
Mycotoxicosis		
A mycotoxicosis of equidae caused by <i>Fusarium moniliforme</i> Sheldon. A preliminary communication	39	205-208
Myiasis		
Studies on specific oculo-vascular myiasis (uitpeulooog) in sheep. V. Histopathology	36	217-232
Nagana		
Clinicopathological study on experimental <i>Trypanosoma brucei</i> infections in horses. Part 1. Development of clinically recognizable nervous symptoms in nagana-infected horses treated with subcutaneous doses of Antrypol and Berenil	38	127-140
Clinicopathological study on experimental <i>Trypanosoma brucei</i> infection in horses. Part 2. Histopathological findings in the nervous system and other organs of treated and untreated horses reacting to nagana	38	141-176
Nematode		
Further studies on the epizootiology of nematode parasites of sheep in the Karoo	36	233-264
The recovery of parasitic nematodes from the gastro-intestinal tract of a mule at autopsy	39	51-58
An anthelmintic test for gastro-intestinal nematodes of cattle	39	153-178
Nuclear envelope		
Mechanism of envelopment of herpes virus by the nuclear envelope	40	71-72
Nutritive value		
Mycoflora, toxicity and nutritive value of mouldy maize	39	1-10
Nyala		
Some protozoan parasites of trachelaphine antelopes in South Africa with special reference to a <i>Babesia</i> sp. in a bushbuck and a <i>Trypanosoma theileri</i> -like parasite in a nyala	39	225-228
Ox		
Certain aspects of the facial and trigeminal nerves of the ox (<i>Bos taurus</i> L.)	36	303-320
Papio ursinus		
Nasal acariasis in the chacma baboon, <i>Papio ursinus</i>	38	207-214
Paralysis tick		
Laboratory investigations on the life-cycle of the Karoo paralysis tick (<i>Ixodes rubicundus</i> Neumann, 1904)	38	215-224
Parasite		
Some protozoan parasites of trachelaphine antelopes in South Africa with special reference to a <i>Babesia</i> sp. in a bushbuck and a <i>Trypanosoma theileri</i> -like parasite in a nyala	39	225-228
Pasteurella		
Immune response of rabbits, mice and sheep to polyvalent <i>Pasteurella</i> vaccine	37	217-224
Phagocytic activity		
Phagocytic activity of peritoneal exudate cells from mice	39	197-204
Phosphate		
The influence of magnesium sulphate on the absorption, excretion and retention of calcium and phosphorus by sheep on phosphate supplemented diets	37	1-6
Comparative study on the efficiency of water soluble phosphates and a dry phosphate lick for sheep fed on mature grass hay	37	127-136

	Volume	Page
Phosphorus		
The influence of magnesium sulphate on the absorption, excretion, and retention of calcium and phosphorus by sheep on phosphate supplemented diets.....	37	1-6
Photodieldrin		
The toxicology and pathology of dieldrin and photodieldrin poisoning in two antelope species....	40	31-40
Photosensitivity		
Photosensitivity in South Africa. 1. A comparative study of <i>Asaemia axillaris</i> (Thunb.) Harv. ex Jackson and <i>Lasiospermum bipinnatum</i> (Thunb.) Druce poisoning in sheep.....	40	115-126
Physostigmin		
Studies on schistosomiasis. 4. Differential staining of live and dead cercariae after immobilization with physostigmin.....	40	23-30
Plaque formation		
Plaque formation by African horsesickness virus and characterization of its RNA.....	37	137-144
Plasma electrolytes		
Changes in the levels of plasma electrolytes and glucose in severe artificially induced acidosis in Merino sheep.....	37	151-156
Pneumocystosis		
Pneumocystosis in a domestic goat.....	38	117-126
Poisoning		
Photosensitivity in South Africa. 1. A comparative study of <i>Asaemia axillaris</i> (Thunb.) Harv. ex Jackson and <i>Lasiospermum bipinnatum</i> (Thunb.) Druce poisoning in sheep.....	40	115-126
Lesions in sheep skeletal and oesophageal muscle in vermeersiekte (<i>Geigeria ornativa</i> O. Hoffm. poisoning)	40	127-138
Polypax solivaga		
Descriptions of <i>Hoplopleura aethomydis</i> n. sp. and of the male of <i>Polyplax solivaga</i> (Anoplura; Hoplopleuridae).....	36	299-302
Precipitin tests		
Host preferences of <i>Culicoides</i> midges (Diptera: Ceratopogonidae) in South Africa as determined by precipitin tests and light trap catches.....	39	147-152
Protoplasm		
Immunological and chemical characteristics of <i>Corynebacterium psuedotuberculosis</i> cell walls and protoplasm.....	38	83-92
Prototoxin		
<i>Clostridium perfringens</i> type D epsilon prototoxin. Some chemical, immunological and biological properties of a highly purified prototoxin.....	40	145-152
Enzymatic activation of <i>Clostridium perfringens</i> epsilon prototoxin and some biological properties of activated toxin.....	40	153-156
Protozoan parasites		
Some protozoan parasites of tragelaphine antelopes in South Africa with special reference to a <i>Babesia</i> sp. in a bushbuck and a <i>Trypanosoma theileri</i> -like parasite in a nyala.....	39	225-228
Rabbits		
Observations on the pathogenesis of bovine and antelope strains of <i>Besnoitia besnoiti</i> (Marotel, 1912) infection in cattle and rabbits.....	37	105-126
Immune response of rabbits, mice and sheep to polyvalent <i>Pasteurella</i> vaccine.....	37	217-225
Evaluation of serological tests as criteria for immunity to staphylococcal skin infection in rabbits....	38	99-110
Redunca fulvorufula		
Helminths from the mountain reedbuck, <i>Redunca fulvorufula</i> (Afzelius, 1815).....	40	69-70
Reedbuck		
Helminths from the mountain reedbuck, <i>Redunca fulvorufula</i> (Afzelius, 1815).....	40	69-70
Reoviruses		
On the relationship between bluetongue, African horsesickness and reoviruses. Hybridization studies.....	36	175-180
Reproduction of dairy cattle		
Effects of ephemeral fever on milk production and reproduction of dairy cattle.....	40	83-92
Reproductive physiology		
Reproductive physiology and endocrinology of normal and habitually aborting Angora goats.....	38	1-62
Rhipicephalus bursa		
The experimental transmission of <i>Theileria ovis</i> by <i>Rhipicephalus evertsi mimeticus</i> and <i>R. bursa</i>	39	83-86
Rhipicephalus evertsi mimeticus		
The experimental transmission of <i>Theileria ovis</i> by <i>Rhipicephalus evertsi mimeticus</i> and <i>R. bursa</i>	39	83-86
Rhipicephalus theileri		
Laboratory investigation on the life-cycle of <i>Rhipicephalus theileri</i> Bedford & Hewitt, 1925 (Ixodoidea: Ixodidae).....	39	117-123
Ribonucleic acid		
Macromolecular synthesis in bluetongue virus infected cells. I. Virus-specific ribonucleic acid synthesis	37	191-198
Interferon induction by bluetongue virus and bluetongue virus ribonucleic acid.....	39	125-132
Rickettsia		
See <i>Cowdria ruminantium</i>	37	67-78
RNA		
Plaque formation by African horsesickness virus and characterization of its RNA.....	37	137-144
Electron microscopy of bluetongue virus RNA.....	40	73-76
Rodent		
<i>Eimeria chinchillae</i> De Vos & Van der Westhuizen, 1968 and other <i>Eimeria</i> spp. from three South African rodent species.....	37	185-190
Cestodes from rodents in the Republic of South Africa.....	39	25-50
Ruminants		
Observations on bilharziasis of domestic ruminants in South Africa.....	36	129-162
Pathogenesis of heartwater. I. <i>Cowdria ruminantium</i> in the lymph nodes of domestic ruminants.....	37	89-96
Ingestion of the plant <i>Fadogia monticola</i> Robyns as an additional cause of gousiekte in ruminants....	39	71-82

	Volume	Page
Salmonella gallinarum Characterization of eight rough mutants of <i>Salmonella gallinarum</i>	39	139-146
Salsola tuberculata "Grootlamsekte", a specific syndrome of prolonged gestation in sheep caused by a shrub, <i>Salsola tuberculata</i> (Fenzl ex Moq) Schinz. var. <i>tomentosa</i> C. A. Smith ex Aellen.....	36	59-104
Schistosoma mattheei Studies on schistosomiasis. 3. Detection of antibodies against <i>Schistosoma mattheei</i> by the indirect immuno-fluorescent method.....	39	179-180
Schistosomiasis Studies on schistosomiasis. 3. Detection of antibodies against <i>Schistosoma mattheei</i> by the indirect immuno-fluorescent method.....	39	179-180
Studies on schistosomiasis. 4. Differential staining of live and dead cercariae after immobilization with physostigmin.....	40	23-30
Studies on schistosomiasis. 5. Sampling methods for estimating the numbers of cercariae in suspension with special reference to the infestation of experimental animals.....	40	157-174
Serological tests Evaluation of serological tests as criteria for immunity to staphylococcal skin infection in rabbits. Electron microscopic and serological studies on Simian virus S.A. II and the "related" O agent.... Serological titres following vaccination of sheep and goats with <i>Brucella melitensis</i> Rev. I. vaccine.. A serological investigation on adult cattle vaccinated with <i>Brucella abortus</i> strain 19.....	38 39 40 40	99-110 133-138 1-6 7-12
Serotypes Molecular hybridization studies on the relationships between different serotypes of bluetongue virus and on the difference between the virulent and attenuated strains of the same serotype.....	40	93-104
Serum antibodies Immunity in heartwater. I. A preliminary note on the role of serum antibodies.....	37	147-150
Sheep "Grootlamsekte", a specific syndrome of prolonged gestation in sheep caused by a shrub, <i>Salsola tuberculata</i> (Fenzl ex Moq) Schinz. var. <i>tomentosa</i> C. A. Smith ex Aellen.....	36	59-104
Studies on specific oculo-vascular myiasis (uitpeuloog) in sheep. V. Histopathology.....	36	217-232
Further studies on the epizootiology of nematode parasites of sheep in the Karoo.....	36	233-264
A statistical method for comparing worm burdens in two groups of sheep.....	36	285-298
The influence of magnesium sulphate on the absorption, excretion and retention of calcium and phosphorus by sheep on phosphate supplemented diets.....	37	1-6
A clinico-pathological study of bilharziasis in sheep.....	37	37-44
Comparative study on the efficiency of water soluble phosphates and a dry phosphate lick for sheep fed on mature grass hay.....	37	127-136
Changes in the levels of plasma electrolytes and glucose in severe artificially induced acidosis in Merino sheep.....	37	151-156
Immune response of rabbits, mice and sheep to polyvalent <i>Pasteurella</i> vaccine.....	37	217-224
Immune response of Merino sheep to inactivated <i>Corynebacterium pseudotuberculosis</i> vaccine.....	39	11-24
"Grootlamsekte", a specific syndrome of prolonged gestation in sheep; further investigations.....	39	59-70
An electrocardiographic study of normal sheep using a modified technique.....	39	97-106
First report of facial eczema in sheep in South Africa.....	39	107-112
Serological titres following vaccination of sheep and goats with <i>Brucella melitensis</i> Rev. I. vaccine..	40	1-6
Photosensitivity in South Africa. I. A comparative study of <i>Asaemia axillaris</i> (Thunb.) Harv. ex Jackson and <i>Lasiosperrum bipinnatum</i> (Thunb.) Druce poisoning in sheep.....	40	115-126
Lesions in sheep skeletal and oesophageal muscle in vermeersiekte (<i>Geigeria ornativa</i> O. Hoffm. poisoning)	40	127-138
Shrub "Grootlamsekte", a specific syndrome of prolonged gestation in sheep caused by a shrub, <i>Salsola tuberculata</i> (Fenzl ex Moq) Schinz. var. <i>tomentosa</i> C. A. Smith ex Aellen.....	36	59-104
Simian virus Electron microscopic and serological studies on Simian virus S.A. II and the "related" O. agent....	39	133-138
Specific oculo-vascular myiasis Studies on specific oculo-vascular myiasis (uitpeuloog) in sheep. V. Histopathology.....	36	217-232
Staphylococcal infection Evaluation of serological tests as criteria for immunity to staphylococcal skin infection in rabbits....	38	99-110
Staphylococcal mastitis Staphylococcal mastitis: phage types and patterns of <i>S. aureus</i>	39	87-96
Staphylococcus aureus Antiphagocytic activity of <i>Staphylococcus aureus</i> antigens.....	36	199-206
Staphylococcal mastitis: phage types and patterns of <i>S. aureus</i>	39	87-96
Strongylidoses Strongylidoses: Delafondiasis in the zebra.....	36	105-128
Syncerus caffer Clinical foot-and-mouth disease in the African buffalo (<i>Syncerus caffer</i>).....	39	181-184
Taenia A taxonomic revision of the genus <i>Taenia</i> Linnaeus, 1958, s. str.....	36	3-58
Preliminary report on the golden hamster as a definitive host of <i>Taenia solium</i> Linnaeus, 1758 and <i>Taenia saginata</i> Goede 1782.....	38	63-64
Taenia multiceps <i>Taenia multiceps</i> larva from a gemsbok.....	39	123-124
Theileria ovis The experimental transmission of <i>Theileria ovis</i> by <i>Rhipicephalus evertsi mimeticus</i> and <i>R. bursa</i>	39	83-86
Tick Laboratory investigations on the life-cycle of the Karoo paralysis tick <i>Ixodes rubicundus</i> Neumann, 1904	38	215-224
<i>Margaropus wileyi</i> sp. nov. (Ixodoidea, Ixodidae), a new species of tick from the reticulated giraffe.	40	13-22
Toxic principles Studies on South African cardiac glycosides. I. Isolation of toxic principles of <i>Homeria glauca</i> (W. & E.) N.E.Br. and observations on their chemical and pharmacological properties.....	38	255-278
Toxicity Mycoflora, toxicity and nutritive value of mouldy maize.....	39	1-10

	Volume	Page
Toxin		
Relationship of <i>Corynebacterium pseudotuberculosis</i> protoplasmic toxins to the exotoxin.....	37	97-104
The antigenicity of <i>Clostridium botulinum</i> -type C toxin administered <i>per os</i>	37	169-172
Enzymatic activation of <i>Clostridium perfringens</i> epsilon prototoxin and some biological properties of activated toxin.....	40	153-156
Transmission		
Studies on the transmission of African horsesickness.....	37	165-168
Trigeminal nerve		
Certain aspects of the facial and trigeminal nerves of the ox (<i>Bos taurus</i> L.).....	36	303-320
Trypanosoma brucei		
Clinicopathological study on experimental <i>Trypanosoma brucei</i> infections in horses. Part 1. Development of clinically recognizable nervous symptoms in nagana-infected horses treated with curative doses of Antrypol and Berenil.....	38	127-140
Clinicopathological study on experimental <i>Trypanosoma brucei</i> infections in horses. Part 2. Histopathological findings in the nervous system and other organs of treated and untreated horses reacting to nagana.....	38	141-176
Trypanosoma theileri		
Some protozoan parasites of tragelaphine antelopes in South Africa with special reference to a <i>Babesia</i> sp. in a bushbuck and <i>Trypanosoma theileri</i> -like parasite in a nyala.....	39	225-228
Uitpeuloog		
Studies on specific oculo-vascular myiasis (uitpeuloog) in sheep. V. Histopathology.....	36	217-232
Vaccine		
Immune response to dead and live <i>Escherichia coli</i> vaccines and colostral transfer of immunity to calves and lambs.....	37	157-164
Immune response of rabbits, mice and sheep to polyvalent <i>Pasteurella</i> vaccine.....	37	217-224
Mechanism of immunity to <i>Corynebacterium pseudotuberculosis</i> (Buchanan, 1911) in mice using inactivated vaccine.....	38	73-82
Immune response of Merino sheep to inactivated <i>Corynebacterium pseudotuberculosis</i> vaccine.....	39	11-24
Serological titres following vaccination of sheep and goats with <i>Brucella melitensis</i> Rev. 1 vaccine.....	40	1-6
A serological investigation on adult cattle vaccinated with <i>Brucella abortus</i> strain 19 (vaccine).....	40	7-12
Studies on the development of a vaccine against bovine ephemeral fever.....	40	77-82
Vermeersiekte		
Lesions in sheep skeletal and oesophageal muscle in vermeersiekte (<i>Geigeria ornativa</i> O. Hoffm. poisoning)	40	127-138
Virus		
The optimal conditions for the multiplication of Neethling-type lumpy skin disease virus in embryonated eggs.....	36	165-174
Bluetongue virus induced interferon synthesis.....	36	181-186
Fluorescent antibody studies on ephemeral fever virus.....	36	187-190
Electron microscopic studies on Corriparta virus.....	36	321-324
Morphological variation in ephemeral fever virus strains.....	36	325-326
The application of improved techniques to the identification of strains of bluetongue virus.....	37	59-66
Experimental infection of game animals with lumpy skin disease virus (prototype strain Neethling).....	37	79-88
Plaque formation by African horsesickness virus and characterization of its RNA.....	37	137-144
Further observations on the ultrastructure of ephemeral fever virus.....	37	145-146
Macromolecular synthesis in bluetongue virus infected cells. I. Virus-specific ribonucleic acid synthesis	37	191-198
Macromolecular synthesis in bluetongue virus infected cells. II. Host cell metabolism.....	37	199-210
Failure to demonstrate <i>in vitro</i> as opposed to <i>in vivo</i> transcription of the bluetongue virus genome.....	37	225-228
Cattle and <i>Culicoides</i> biting midges as possible overwintering hosts of bluetongue virus.....	38	65-72
Interferon induction by bluetongue virus and bluetongue virus ribonucleic acid.....	39	125-132
Electron microscopic and serological studies on Simian virus S.A. II and the related O agent.....	39	133-138
Studies on the <i>in vitro</i> and <i>in vivo</i> transcription of the bluetongue virus genome.....	39	185-192
Visualization of the extracapsid coat in certain bluetongue-type viruses.....	39	193-196
Formation of Wallal virus in cell culture.....	39	229-232
Electron microscopic studies on equine encephalitis virus.....	40	53-58
Mechanism of envelopment of herpes virus by the nuclear envelope.....	40	71-72
Electron microscopy of bluetongue virus RNA.....	40	73-76
Molecular hybridization studies on the relationships between different serotypes of bluetongue virus and on the difference between the virulent and attenuated strains of the same serotype.....	40	93-104
Variation in morphology of ephemeral fever virus.....	40	139-144
Wallal virus		
Formation of Wallal virus in cell culture.....	39	229-232
Worm burdens		
A statistical method for comparing worm burdens in two groups of sheep.....	36	285-298
Zebra		
Strongylidoses: Delafondiasis in the zebra.....	36	105-128