

## SUBJECT INDEX

	Volume	Page
<b>Acarina</b>		
Parasites of domestic and wild animals in South Africa. XIII. The seasonal incidence of adult ticks (Acarina: Ixodidae) on cattle in the Northern Transvaal. J. G. H. LONDT, I. G. HORAK & I. L. DE VILLIERS.....	46	31-39
<b>Actinobacillus seminis</b>		
<i>Actinobacillus seminis</i> infection in sheep in the Republic of South Africa. I. Identification of the problem. E. M. VAN TONDER.....	46	129-133
<i>Actinobacillus seminis</i> infection in sheep in the Republic of South Africa. II. Incidence and geographical distribution. E. M. VAN TONDER.....	46	135-140
<i>Actinobacillus seminis</i> infection in sheep in the Republic of South Africa. III. Growth and cultural characteristics of <i>A. seminis</i> . E. M. VAN TONDER.....	46	141-148
<b>Aerospora</b>		
Aerospora of an <i>Eragrostis curvula</i> pasture in South Africa. W. J. J. VAN DER MERWE, A. EICKER, W. F. O. MARASAS & T. S. KELLERMAN.....	46	19-25
<b>African swine fever</b>		
African swine fever: pathogenicity and immunogenicity of two non-haemadsorbing viruses. G. R. THOMSON, M. D. GAINARU & A. F. VAN DELLEN.....	46	149-154
<b>Amblyomma hebraeum</b>		
A bioassay method for the pheromone(s) of the bont tick <i>Amblyomma hebraeum</i> Koch. J. H. BRILL & K. R. SOLOMON.....	46	59-60
<b>Antibodies</b>		
Isolation and characterization of antibodies to <i>Clostridium perfringens</i> epsilon toxin from hyperimmune horse serum. R. W. WORTHINGTON & MARIA S. G. MULDERS.....	46	121-124
<b>Antibody response</b>		
Factors affecting the bluetongue virus neutralizing antibody response and the reaction between virus and antibody. N. T. VAN DER WALT.....	46	111-116
<b>Babesia bovis</b>		
An electron microscopic study of intra-erythrocytic stages of <i>Babesia bovis</i> in the brain capillaries of infected splenectomized calves. F. T. POTGIETER & H. J. ELS.....	46	41-49
<b>Blesbok</b>		
Parasites of domestic and wild animals in South Africa. XII. Artificial transmission of nematodes from blesbok and impala to sheep, goats and cattle. I. G. HORAK.....	46	27-30
<b>Bluetongue</b>		
Genetic and physiological characterization of temperature-sensitive mutants of bluetongue virus. S. O. SHIPHAM & MARLENE DE LA REY.....	46	87-94
Factors affecting the bluetongue virus neutralizing antibody response and the reaction between virus and antibody. N. T. VAN DER WALT.....	46	111-116
Further characterization of the t-s mutant F207 of bluetongue virus. S. SHIPHAM.....	46	207-210
<b>Blue wildebeest</b>		
<i>Cooperia connochaeti</i> sp. nov. (Nematoda, Trichostrongylidae) from the blue wildebeest, <i>Connochaetes taurinus</i> (Burchell, 1823). J. BOOMKER, I. G. HORAK & REGINA ALVES.....	46	83-86
<b>Bont tick</b>		
A bioassay method for the pheromone(s) of the bont tick <i>Amblyomma hebraeum</i> Koch. J. H. BRILL & K. R. SOLOMON.....	46	59-60
<b>Brain capillaries</b>		
An electron microscopic study of intra-erythrocytic stages of <i>Babesia bovis</i> in the brain capillaries of infected splenectomized calves. F. T. POTGIETER & H. J. ELS.....	46	41-49
<b>Brucella</b>		
Comparative efficacy of six <i>Brucella</i> vaccines in guinea-pigs. C. M. CAMERON.....	46	229-230
<b>Calf rotavirus</b>		
The isolation and cultivation of calf rotavirus in the Republic of South Africa. A. THEODORIDIS, L. PROZESKY & H. J. ELS.....	46	65-69
<b>Calves</b>		
An electron microscopic study of intra-erythrocytic stages of <i>Babesia bovis</i> in the brain capillaries of infected splenectomized calves. F. T. POTGIETER & H. J. ELS.....	46	41-49
Wesselsbron disease: a cause of congenital porencephaly and cerebellar hypoplasia in calves. J. A. W. COETZER, A. THEODORIDIS, S. HERR & L. KRITZINGER.....	46	165-169
<b>Cattle</b>		
Parasites of domestic and wild animals in South Africa. XII. Artificial transmission of nematodes from blesbok and impala to sheep, goats and cattle. I. G. HORAK.....	46	27-30
Parasites of domestic and wild animals in South Africa. XIII. The seasonal incidence of adult ticks (Acarina: Ixodidae) on cattle in the Northern Transvaal. J. G. H. LONDT, I. G. HORAK & I. L. DE VILLIERS.....	46	31-39
The experimental transmission of <i>Parafilaria bovicola</i> to cattle in South Africa using <i>Musca</i> species (subgenus <i>Eumusca</i> ) as intermediate hosts. E. M. NEVILL.....	46	51-57
<b>Ceratopogonidae</b>		
Descriptions of the adults and pupa of <i>Culicoides hildae</i> n. sp. from the Republic of South Africa (Diptera: Ceratopogonidae). M. CORNET & E. M. NEVILL.....	46	179-184

<b>Cerebellar hypoplasia</b>		
Wesselsbron disease: a cause of congenital porencephally and cerebellar hypoplasia in calves. J. A. W. COETZER, A. THEODORIDIS, S. HERR & L. KRITZINGER.....	46	165-169
<b>Clarias gariepinus</b>		
The haemocytology and histology of the haemopoietic organs of South African fresh water fish. I. The haemopoietic organs of <i>Clarias gariepinus</i> and <i>Sarotherodon mossambicus</i> . J. BOOMKER.....	46	217-222
<b>Clostridium perfringens</b>		
Isolation and characterization of antibodies to <i>Clostridium perfringens</i> epsilon toxin from hyperimmune horse serum. R. W. WORTHINGTON & MARIA S. G. MÜLDERS.....	46	121-124
<b>Congenital porencephally</b>		
Wesselsbron disease: a cause of congenital porencephally and cerebellar hypoplasia in calves. J. A. W. COETZER, A. THEODORIDIS, S. HERR & L. KRITZINGER.....	46	165-169
<b>Connochaetes taurinus</b>		
<i>Cooperia connochaeti</i> sp. nov. (Nematoda, Trichostrongylidae) from the blue wildebeest, <i>Connochaetes taurinus</i> (Burchell, 1823). J. BOOMKER, I. G. HORAK & REGINA ALVES.....	46	83-86
<b>Cooperia connochaeti</b>		
<i>Cooperia connochaeti</i> sp. nov. (Nematoda, Trichostrongylidae) from the blue wildebeest, <i>Connochaetes taurinus</i> (Burchell, 1823). J. BOOMKER, I. G. HORAK & REGINA ALVES.....	46	83-86
<b>Culicoides</b>		
Viruses isolated from <i>Culicoides</i> midges in South Africa during unsuccessful attempts to isolate bovine ephemeral fever virus. A. THEODORIDIS, E. M. NEVILL, H. J. ELS & S. T. BOSHOFF.....	46	191-198
<b>Culicoides hildae</b>		
Descriptions of the adults and pupa of <i>Culicoides hildae</i> n. sp. from the Republic of South Africa (Diptera: Ceratopogonidae). M. CORNET & E. M. NEVILL.....	46	179-184
<b>Dermis</b>		
Micromorphology of the skin (epidermis, dermis, subcutis) of the dog. R. SCHWARZ, J. M. W. LE ROUX, R. SCHALLER & K. NEURAND.....	46	105-109
<b>Diptera</b>		
The effect of temperature on the frons width of males of <i>Stomoxys calcitrans</i> Linnaeus (Diptera: Muscidae). B. SUTHERLAND.....	46	117-119
Descriptions of the adults and pupa of <i>Culicoides hildae</i> n. sp. from the Republic of South Africa (Diptera: Ceratopogonidae). M. CORNET & E. M. NEVILL.....	46	179-184
Some effects of temperature on the adults, eggs and pupae of <i>Stomoxys calcitrans</i> Linnaeus (Diptera: Muscidae) B. SUTHERLAND.....	46	223-227
<b>Dogs</b>		
Gastro-intestinal helminths of domestic dogs in the Republic of South Africa. ANNA VERSTER.....	46	79-82
Micromorphology of the skin (epidermis, dermis, subcutis) of the dog. R. SCHWARZ, J. M. W. LE ROUX, R. SCHALLER & K. NEURAND.....	46	105-109
<b>Domestic animals</b>		
Parasites of domestic and wild animals in South Africa. XII. Artificial transmission of nematodes from blesbok and impala to sheep, goats and cattle. I. G. HORAK.....	46	27-30
Parasites of domestic and wild animals in South Africa. XIII. The seasonal incidence of adult ticks (Acarina: Ixodidae) on cattle in the Northern Transvaal. J. G. H. LONDT, I. G. HORAK & I. L. DE VILLIERS.....	46	31-39
<b>Electron microscopic study</b>		
An electron microscopic study of intra-erythrocytic stages of <i>Babesia bovis</i> in the brain capillaries of infected splenectomized calves. F. T. POTGIETER & H. J. ELS.....	46	41-49
Scanning electron microscopy-aided observations on and therapy of teat canal infections. J. H. DU PREEZ.....	46	231-234
<b>Ephemeral fever</b>		
Subcutaneous and pulmonary emphysema as complications of bovine ephemeral fever. A. THEODORIDIS & J. A. W. COETZER.....	46	125-127
Viruses isolated from <i>Culicoides</i> midges in South Africa during unsuccessful attempts to isolate bovine ephemeral fever virus. A. THEODORIDIS, E. M. NEVILL, H. J. ELS & S. T. BOSHOFF.....	46	191-198
<b>Epidermis</b>		
Micromorphology of the skin (epidermis, dermis, subcutis) of the dog. R. SCHWARZ, J. M. W. LE ROUX, R. SCHALLER & K. NEURAND.....	46	105-109
<b>Epizootic haemorrhagic disease</b>		
The nucleic acid and proteins of epizootic haemorrhagic disease virus. H. HUISMANS, C. W. BREMER & T. L. BARBER.....	46	95-104
<b>Epizootiology</b>		
The role played by wildlife in the epizootiology of rabies in South Africa and South-West Africa. B. J. H. BARNARD	46	155-163
<b>Epsilon toxin</b>		
Isolation and characterization of antibodies to <i>Clostridium perfringens</i> epsilon toxin from hyperimmune horse serum. R. W. WORTHINGTON & MARIA S. G. MÜLDERS.....	46	121-124
<b>Eragrostis curvula</b>		
Aerospora of an <i>Eragrostis curvula</i> pasture in South Africa. W. J. J. VAN DER MERWE, A. EICKER, W. F. O. MARASAS & T. S. KELLERMAN.....	46	19-25
<b>Eumusca</b>		
The experimental transmission of <i>Parafilaria bovicola</i> to cattle in South Africa using <i>Musca</i> species (subgenus <i>Eumusca</i> ) as intermediate hosts. E. M. NEVILL.....	46	51-57
<b>Fish</b>		
The haemocytology and histology of the haemopoietic organs of South African fresh water fish. I. The haemopoietic organs of <i>Clarias gariepinus</i> and <i>Sarotherodon mossambicus</i> . J. BOOMKER.....	46	217-222
Trout mortalities as a result of <i>Streptococcus</i> infection. J. BOOMKER, G. D. IMES Jr., C. M. CAMERON, T. W. NAUDÉ & H. J. SCHOONBEE.....	46	71-77

	Volume	Page
<b>Frequency diagrams</b>		
The use of frequency diagrams in the survey of resistance to pesticides in ticks in Southern Africa. K. R. SOLOMON, MAUREEN K. BAKER, HELOISE HEYNE & JACQUELINE VAN KLEEF.....	46	171-177
<b>Frons width</b>		
The effect of temperature on the frons width in males of <i>Stomoxys calcitrans</i> Linnaeus (Diptera: Muscidae). B. SUTHERLAND.....	46	117-119
<b>Goats</b>		
Parasites of domestic and wild animals in South Africa. XII. Artificial transmission of nematodes from blesbok and impala to sheep, goats and cattle. I. G. HORAK.....	46	27-30
<b>Guinea-pigs</b>		
Comparative efficacy of six <i>Brucella</i> vaccines in guinea-pigs. C. M. CAMERON.....	46	229-230
<b>Haemocytology</b>		
The haemocytology and histology of the haemopoietic organs of South African fresh water fish. I. The haemopoietic organs of <i>Clarias gariepinus</i> and <i>Sarotherodon mossambicus</i> . J. BOOMKER.....	46	217-222
<b>Haemonchus contortus</b>		
Studies on <i>Haemonchus contortus</i> . II. The effect of abomasal nematodes on subsequent challenge with <i>H. contortus</i> . R. K. REINECKE, H. MARIA SNYMAN & HELGA SEAMAN.....	46	199-205
<b>Haemopoietic organs</b>		
The haemocytochemistry and histology of the haemopoietic organs of South African fresh water fish. I. The haemopoietic organs of <i>Clarias gariepinus</i> and <i>Sarotherodon mossambicus</i> . J. BOOMKER.....	46	217-222
<b>Helminths</b>		
Gastro-intestinal helminths of domestic dogs in the Republic of South Africa. ANNA VERSTER.....	46	79-82
<b>Herpesvirus ovis</b>		
The serological relationship of herpesvirus ovis to other herpesviruses and its possible involvement in the aetiology of jaagsiekte. D. W. VERWOERD, ELIZABETH MEYER-SCHARRER, J. BROEKMAN & ETHEL-MICHELE DE VILLIERS.....	46	61-63
<b>Histology</b>		
The haemocytochemistry and histology of the haemopoietic organs of South African fresh water fish. I. The haemopoietic organs of <i>Clarias gariepinus</i> and <i>Sarotherodon mossambicus</i> . J. BOOMKER.....	46	217-222
<b>Hyperimmune horse serum</b>		
Isolation and characterization of antibodies to <i>Clostridium perfringens</i> epsilon toxin from hyperimmune horse serum. R. W. WORTHINGTON & MARIA S. G. MÜLDERS.....	46	121-124
<b>Immunogenicity</b>		
African swine fever: pathogenicity and immunogenicity of two non-haemadsorbing viruses. G. R. THOMSON, M. D. GAINARU & A. F. VAN DELLEN.....	46	149-154
<b>Impala</b>		
Parasites of domestic and wild animals in South Africa. XII. Artificial transmission of nematodes from blesbok and impala to sheep, goats and cattle. I. G. HORAK.....	46	27-30
<b>Intermediate hosts</b>		
The experimental transmission of <i>Parafilaria bovicola</i> to cattle in South Africa using <i>Musca</i> species (subgenus <i>Eumusca</i> ) as intermediate host. E. M. NEVILL.....	46	51-57
<b>Intra-erythrocytic stage</b>		
An electron microscopic study of intra-erythrocytic stages of <i>Babesia bovis</i> in the brain capillaries of infected splenectomized calves. F. T. POTGIETER & H. J. ELS.....	46	41-49
<b>Ixodidae</b>		
Parasites of domestic and wild animals in South Africa. XIII. The seasonal incidence of adult ticks (Acarina: Ixodidae) on cattle in the Northern Transvaal. J. G. H. LONDT, I. G. HORAK & I. L. DE VILLIERS.....	46	31-39
<b>Jaagsiekte</b>		
The serological relationship of herpesvirus ovis to other herpesviruses and its possible involvement in the aetiology of jaagsiekte. D. W. VERWOERD, ELIZABETH MEYER-SCHARRER, J. BROEKMAN & ETHEL-MICHELE DE VILLIERS.....	46	61-63
<b>Lymph node</b>		
Lymph node pathology in <i>Trypanosoma brucei</i> -infected sheep. P. R. BARROWMAN & J. A. ROOS.....	46	9-17
<b>Micromorphology</b>		
Micromorphology of the skin (epidermis, dermis, subcutis) of the dog. R. SCHWARZ, J. M. W. LE ROUX, R. SCHALLER & K. NEURAND.....	46	105-109
<b>Midges</b>		
Viruses isolated from <i>Culicoides</i> midges in South Africa during unsuccessful attempts to isolate bovine ephemeral fever virus. A. THEODORIDIS, E. M. NEVILL, H. J. ELS & S. T. BOSHOFF.....	46	191-198
<b>Musca</b>		
The experimental transmission of <i>Parafilaria bovicola</i> to cattle in South Africa using <i>Musca</i> species (subgenus <i>Eumusca</i> ) as intermediate hosts. E. M. NEVILL.....	46	51-57
<b>Muscidae</b>		
The effect of temperature on the frons width in males of <i>Stomoxys calcitrans</i> Linnaeus (Diptera: Muscidae). B. SUTHERLAND.....	46	117-119
Some effects of temperature on the adults, eggs and pupae of <i>Stomoxys calcitrans</i> Linnaeus (Diptera: Muscidae). B. SUTHERLAND.....	46	223-227
<b>Nematoda</b>		
<i>Cooperia connochaeti</i> sp. nov. (Nematoda, Trichostrongylidae) from the blue wildebeest, <i>Connochaetes taurinus</i> (Burchell, 1823). J. BOOMKER, I. G. HORAK & REGINA ALVES.....	46	83-86

	Volume	Page
<b>Nematodes</b>		
Parasites of domestic and wild animals in South Africa. XII. Artificial transmission of nematodes from blesbok and impala to sheep, goats and cattle. I. G. HORAK.....	46	27-30
Studies on <i>Haemonchus contortus</i> . II. The effect of abomasal nematodes on subsequent challenge with <i>H. contortus</i> . R. K. REINECKE, H. MARIA SNYMAN & HELGA SEAMAN.....	46	199-205
<b>Nucleic acid</b>		
The nucleic acid and proteins of epizootic haemorrhagic disease virus. H. HUISMANS, C. W. BREMER & T. L. BARBER.....	46	95-104
<b>Parafilaria bovicola</b>		
The experimental transmission of <i>Parafilaria bovicola</i> to cattle in South Africa using <i>Musca</i> species (subgenus <i>Eumusca</i> ) as intermediate hosts. E. M. NEVILL.....	46	51-57
<b>Parasites</b>		
Parasites of domestic and wild animals in South Africa. XII. Artificial transmission of nematodes from blesbok and impala to sheep, goats and cattle. I. G. HORAK.....	46	27-30
Parasites of domestic and wild animals in South Africa. XIII. The seasonal incidence of adult ticks (Acarina: Ixodidae) on cattle in the Northern Transvaal. J. G. H. LONDT, I. G. HORAK & I. L. DE VILLIERS.....	46	31-39
<b>Pasture</b>		
Aerospores of an <i>Eragrostis curvula</i> pasture in South Africa. W. J. J. VAN DER MERWE, A. EICKER, W. F. O. MARASAS & T. S. KELLERMAN.....	46	19-25
<b>Pathogenicity</b>		
African swine fever: pathogenicity and immunogenicity of two non-haemadsorbing viruses. G. R. THOMSON, M. D. GAINARU & A. F. VAN DELLEN.....	46	149-154
<b>Pathology</b>		
Lymph node pathology in <i>Trypanosoma brucei</i> -infected sheep. P. R. BARROWMAN & J. A. ROOS.....	46	9-17
<b>Pesticide resistance</b>		
The use of frequency diagrams in the survey of resistance to pesticides in ticks in Southern Africa. K. R. SOLOMON, MAUREEN K. BAKER, HELOISE HEYNE & JACQUELINE VAN KLEEF.....	46	171-177
<b>Pheromone</b>		
A bioassay method for the pheromone(s) of the bont tick <i>Amblyomma hebraeum</i> Koch. J. H. BRILL & K. R. SOLOMON.....	46	59-60
<b>Physiological characterization</b>		
Genetic and physiological characterization of temperature-sensitive mutants of bluetongue virus. S. O. SHIPHAM & MARLENDE DE LA REY.....	46	87-94
<b>Proteins</b>		
The nucleic acid and proteins of epizootic haemorrhagic disease virus. H. HUISMANS, C. W. BREMER & T. L. BARBER.....	46	95-104
<b>Pulmonary emphysema</b>		
Subcutaneous and pulmonary emphysema as complications of bovine ephemeral fever. A. THEODORIDIS & J. A. W. COETZER.....	46	125-127
<b>Rabies</b>		
The role played by wildlife in the epizootiology of rabies in South Africa and South-West Africa. B. J. H. BARNARD	46	155-163
<b>Rotavirus</b>		
The isolation and cultivation of calf rotavirus in the Republic of South Africa. A. THEODORIDIS, L. PROZESKY & H. J. ELS.....	46	65-69
<b>Salmonella gallinarum</b>		
Production and application of a live <i>Salmonella gallinarum</i> vaccine. C. M. CAMERON & S. B. BUYS.....	46	185-189
<b>Sarotherodon mossambicus</b>		
The haemocytology and histology of the haemopoietic organs of South African fresh water fish. I. The haemopoietic organs of <i>Clarias gariepinus</i> and <i>Sarotherodon mossambicus</i> . J. BOOMKER.....	46	217-222
<b>Sheep</b>		
Lymph node pathology in <i>Trypanosoma brucei</i> -infected sheep. P. R. BARROWMAN & J. A. ROOS.....	46	9-17
Parasites of domestic and wild animals in South Africa. XII. Artificial transmission of nematodes from blesbok and impala to sheep, goats and cattle. I. G. HORAK.....	46	27-30
<i>Actinobacillus seminis</i> infection in sheep in the Republic of South Africa. I. Identification of the problem. E. M. VAN TONDER.....	46	129-133
<i>Actinobacillus seminis</i> infection in sheep in the Republic of South Africa. II. Incidence and geographical distribution. E. M. VAN TONDER.....	46	135-140
<i>Actinobacillus seminis</i> infection in sheep in the Republic of South Africa. III. Growth and cultural characteristics of <i>A. seminis</i> . E. M. VAN TONDER.....	46	141-148
<b>Skin</b>		
Micromorphology of the skin (epidermis, dermis, subcutis) of the dog. R. SCHWARZ, J. M. W. LE ROUX, R. SCHALLER & K. NEURAND.....	46	105-109
<b>Staphylococcus aureus</b>		
Composition and evaluation of the efficacy of a <i>Staphylococcus aureus</i> vaccine. C. M. CAMERON, W. J. P. FULS & WILNA F. BOTHA.....	46	1-8
<b>Stomoxys calcitrans</b>		
The effect of temperature on the frons width in males of <i>Stomoxys calcitrans</i> Linnaeus (Diptera: Muscidae). B. SUTHERLAND.....	46	117-119
Some effects of temperature on the adults, eggs and pupae of <i>Stomoxys calcitrans</i> Linnaeus (Diptera: Muscidae). B. SUTHERLAND.....	46	223-227
<b>Streptococcus</b>		
Trout mortalities as a result of <i>Streptococcus</i> infection. J. BOOMKER, G. D. IMES Jr., C. M. CAMERON, T. W. NAUDÉ & H. J. SCHOONBEE.....	46	71-77

	Volume	Page
<b>Subcutaneous emphysema</b>		
Subcutaneous and pulmonary emphysema as complications of bovine ephemeral fever. A. THEODORIDIS & J. A. W. COETZER.....	46	125-127
<b>Subcutis</b>		
Micromorphology of the skin (epidermis, dermis, subcutis) of the dog. R. SCHWARTZ, J. M. W. LE ROUX, R. SCHALLER & K. NEURAND.....	46	105-109
<b>Teat canal infections</b>		
Scanning electron microscopy-aided observations on and therapy of teat canal infections. J. H. DU PREEZ.....	46	231-234
<b>Temperature</b>		
The effect of temperature on the frons width in males of <i>Stomoxys calcitrans</i> Linnaeus (Diptera: Muscidae). B. SUTHERLAND.....	46	117-119
Some effects of temperature on the adults, eggs and pupae of <i>Stomoxys calcitrans</i> Linnaeus (Diptera: Muscidae). B. SUTHERLAND.....	46	223-227
<b>Temperature-sensitive mutants</b>		
Genetic and physiological characterization of temperature-sensitive mutants of bluetongue virus. S. O. SHIPHAM & MARLENE DE LA REY.....	46	87-94
Further characterization of the t-s mutant F207 of bluetongue virus. S. SHIPHAM.....	46	207-210
<b>Ticks</b>		
Parasites of domestic and wild animals in South Africa. XIII. The seasonal incidence of adult ticks (Acarina: Ixodidae) on cattle in the Northern Transvaal. J. G. H. LONDT, I. G. HORAK & I. L. DE VILLIERS.....	46	31-39
The use of frequency diagrams in the survey of resistance to pesticides in ticks in Southern Africa. K. R. SOLOMON, MAUREEN K. BAKER, HELOISE HEYNE & JACQUELINE VAN KLEEF.....	46	171-177
<b>Trichostrongylidae</b>		
<i>Cooperia connochaeti</i> sp. nov. (Nematoda, Trichostrongylidae) from the blue wildebeest, <i>Connochaetes taurinus</i> (Burchell, 1823). J. BOOMKER, I. G. HORAK & REGINA ALVES.....	46	83-86
<b>Trout</b>		
Trout mortalities as a result of <i>Streptococcus</i> infection. J. BOOMKER, G. D. IMES Jr., C. M. CAMERON, T. W. NAUDÉ & H. J. SCHOONBEE.....	46	71-77
<b>Trypanosoma brucei</b>		
Lymph node pathology in <i>Trypanosoma brucei</i> -infected sheep. P. R. BARROWMAN & J. A. ROOS.....	46	9-17
<b>Vaccine</b>		
Composition and evaluation of the efficacy of a <i>Staphylococcus aureus</i> vaccine. C. M. CAMERON, W. J. P. FULS & WILNA F. BOTHA.....	46	1-8
Production and application of a live <i>Salmonella gallinarium</i> vaccine. C. M. CAMERON & S. B. BUYS.....	46	185-189
Comparative efficacy of six <i>Brucella</i> vaccines in guinea-pigs. C. M. CAMERON.....	46	229-230
<b>Virus</b>		
Genetic and physiological characterization of temperature-sensitive mutants of bluetongue virus. S. O. SHIPHAM & MARLENE DE LA REY.....	46	87-94
The nucleic acid and proteins of epizootic haemorrhagic disease virus. H. HUISMANS, C. W. BREMER & T. L. BARBER.....	46	95-104
Factors affecting the bluetongue virus neutralizing antibody response and the reaction between virus and antibody. N. T. VAN DER WALT.....	46	111-116
African swine fever: pathogenicity and immunogenicity of two non-haemadsorbing viruses. G. R. THOMSON, M. D. GAINARU & A. F. VAN DELLEN.....	46	149-154
Viruses isolated from <i>Culicoides</i> midges in South Africa during unsuccessful attempts to isolate bovine ephemeral fever virus. A. THEODORIDIS, E. M. NEVILL, H. J. ELS & S. T. BOSHOFF.....	46	191-198
Further characterization of the t-s mutant F207 of bluetongue virus. S. SHIPHAM.....	46	207-210
<b>Wesselsbron disease</b>		
Wesselsbron disease: a cause of congenital porencephally and cerebellar hypoplasia in calves. J. A. W. COETZER, A. THEODORIDIS, S. HERR & L. KRITZINGER.....	46	165-169
<b>Wild animals</b>		
Parasites of domestic and wild animals in South Africa. XII. Artificial transmission of nematodes from blesbok and impala to sheep, goats and cattle. I. G. HORAK.....	46	27-30
Parasites of domestic and wild animals in South Africa. XIII. The seasonal incidence of adult ticks (Acarina: Ixodidae) on cattle in the Northern Transvaal. J. G. H. LONDT, I. G. HORAK & I. L. DE VILLIERS.....	46	31-39
<b>Wild life</b>		
The role played by wildlife in the epizootiology of rabies in South Africa and South-West Africa. B. J. H. BARNARD	46	155-163