## SUBJECT INDEX

	Volume	Page
Abortion		
On the etiology of epizootic or infectious equine abortion.  Wesselsbron virus — a virus not previously described, associated with	21	17-40
abortion in domestic animals	27	183-196
Investigation into the cause of abortion in Angora goats in South Africa Chemical studies on blood and tissues from Angora goats carrying to	30	23-84
normal term and from habitually-aborting animals	30	169-178
aborter. 1. The pregnant doe.	33	363-378
The occurrence of cyanogenetic glucosides in South African species of Acacia. II. Determination of the chemical constitution of Acacipetalia.  Its isolation from Acacia stolonifera, Burch The nutritive value of mixed proteins. The biological value of the proteins	5	445-466
of a mixture of yellow maize seed and grape seeds, and a mixture of		
yellow maize seed and camelthom pods (Acacia giraffae)	20	213-222
Chemical investigation of the plant Acalypha indica, Isolation of the		
triacetonamine, a cyanogenetic glucoside and quebrachite	9	193-204
Acaricidal properties		
An evaluation of the acaricidal properties of Aldrin and Dieldrin for the control of sheep scab.	26	225-230
Acetone bodies		
Chemical blood studies. IX. The fractional determination of the acetone		
bodies in blood and urine of sheep suffering from domsiekte Acid-base balance	18	311-320
Sulphur metabolism. VII. The effect of the acid-base balance of the ration		
on the toxicity of elementary sulphur.	11	113-120
Acovenoside	26	(4) (0.74
Studies on the pharmacology and toxicology of Acovenoside.  Adrenalectomy	25	(4) 69-74
The technique of adrenalectomy in the sheep.	28	257-262
Mortality in fowls due to Aegyptianella pullorum	1	9-14
The transmission of Aegyptianella pullorum Carpano to fowls by means of	7.6	44.00
ticks belonging to the genus Argas	1	15-20
Aepyceros		
Haemonchus krugeri sp. nov. (Nematoda: Trichostrongylidae) from an	31	53-58
impala (Aepyceros melampus)	31	33-30
Biochemical studies on aflatoxicosis	32	119-146
Studies in native animal husbandry. (13) A note on the three parent stocks		
of African cattle,	5	531-534
A contribution to the study of African native cattle	7	613-639
An evaluation of the acaricidal properties of Aldrin and Dieldrin for the		
control of sheep scab.	26	225-230

## Alimentary tract Studies on the alimentary tract of the Merino sheep in South Africa, I. 1 117-134 Studies on the alimentary tract of Merino sheep in South Africa. II. 5 485-500 Studies on the alimentary tract of sheep in South Africa. III. The influence of bowel anastomosis on the general nutritional state of Merino sheep. 5 501-516 Studies on the alimentary tract of Merino sheep in South Africa. IV. Description of experimental technique. .................. 11 341-360 Studies on the alimentary tract of Merino sheep in South Africa. V. The 361-384 11 Studies on the alimentary tract of Merino sheep in South Africa. VI. The role of infusoria in ruminal digestion with some remarks on ruminal 17 61-88 Studies on the alimentary tract of Merino sheep in South Africa, VII. 91-112 18 Studies on the alimentary tract of Merino sheep in South Africa. VIII. The 18 113-118 Studies on the alimentary tract of Merino sheep in South Africa. IX. The H-ion concentration in forestomachs of fistula sheep under different 18 119-130 Studies on the alimentary tract of Merino sheep in South Africa. X. Notes on the digestion of some sugars in the rumen of sheep. . . . . . . . . . 18 131-138 Studies on the alimentary tract of Merino sheep in South Africa. XIII. The 20 209-212 Studies on the alimentary tract of the Merino sheep in South Africa. XVI. 22 357-372 Studies on the alimentary tract of Merino sheep in South Africa. XI. 23 367-384 Studies on the alimentary tract of Merino sheep in South Africa, XII. A 23 385-388 Studies on the alimentary tract of Merino sheep in South Africa. XIV. The effect of some commonly used antifermentatives on the in vitro formation of gas in the ruminal ingesta and its bearing on the 389-394 pathogenesis of bloat. 23 Studies on the alimentary tract of Merino sheep in South Africa. XV. The influence of different factors, on the rate of cellulose digestion (a) in 23 395-409 Studies on the alimentary tract of Merino sheep in South Africa. XVII. On the identity of "Schizosaccharomyces ovis". Part I. Some yeastlike organisms from the rumen contents of sheep fed on a lucerne diet. . . . 119-124 24 Studies on the alimentary tract of the Merino sheep in South Africa.

...........

25

25

25

(1)

(1)

(1)

51-58

59-66

67-72

XVIII. The effect of fasting on the activity of the ruminal flora of

Studies on the alimentary tract of the Merino sheep in South Africa. XIX.

The influence of sulphanilamide on the activity of the ruminal flora of

Studies on the alimentary tract of Merino sheep in South Africa. XX. The failure of the rumen musculature to respond to carbamylcholine chloride when paralysed by potassium cyanide.

sheep and cattle.

sheep and cattle.

Studies on the alimentary tract of the Merino sheep in South Africa. XXI.  The toxicity of urea to sheep under different conditions	25	(1)	73-78
Studies on the alimentary tract of Merino sheep in South Africa. XXII. The	20	(4)	70 70
effect of the pH of the ruminal contents on ruminal motility	25	(1)	79-92
Studies on the alimentary tract of the Merino sheep in South Africa.			
XXIII. The effect of supplementing poor quality grass hay with			
molasses and nitrogenous salts.	25	(1)	93-104
Alkali poisoning			23 S3 - 6203225
Alkali poisoning.	13		347-360
Allergy			
The tuberculin test in guinea-pigs and cattle. The allergic response of			
animals to tuberculin and to extracts of non-pathogenic acid-fast			
bacteria.	19		29-70
Aloes			
Researches into dips and dipping. C. Miscellaneous. The effect of dosing			
aloes to tick-infested cattle,	2		267-270
Amblyomma			
The transmission of heartwater to and from blesbuck (Damaliscus	200		
albifrons) by means of the bont tick (Amblyomma hebraeum)	9		37-48
Zoological Survey of the Union of South Africa. Tick Survey, Part I.	00		017.000
Amblyomma hebraeum.	23		217-232
Ticks in the South African Zoological Survey Collection. Part IX. The	20		42 104
Amblyomma marmoreum group.	28		47-124
Ticks in the South African Zoological Survey Collection. Part XIII.  Gynanders of Boophilus decoloratus (Koch, 1844) and Amblyomma			
hebraeum (Koch, 1844).	34		541-546
Ambo cattle	34		341-340
Studies on native animal husbandry. An Ambo bull described	4		541-550
Amino acid	4		341-330
Plant proteins. VI. The amino acid deficiencies in certain plant proteins.	11		407-418
Further studies on the amino acid deficiencies of plant proteins.	14		387-402
The amino acid deficiencies of certain plant proteins and the	7.4		307-402
supplementary effect between plant proteins as measured by means of			
their biological values.	15		225-240
A photometric method for quantitative paper partition chromatography of			220 210
amino acids.	25	(1)	31-38
Anaerobes	20	(2)	31 00
A note on the cultivation of anaerobes.	2		29-32
The lethal dose of toxins of some anaerobes for sheep.	5		61-64
Anaplasma			
Bovine anaplasmosis. The transmission of Anaplasma marginale to a black			
wildebeest (Conochaetes gnu).	5		9-14
Ovine anaplasmosis: The transmission of Anaplasma ovis and	-		
Eperythrozoon ovis to the blesbuck (Damaliscus albifrons)	13		9-18
Anaplasmosis			
Chemical blood studies. V. Comparative studies on "laked" and "unlaked"			
blood filtrates of bovines in health and during anaplasmosis (A.			
marginale infection) and piroplasmosis (P. bigeminum infection)	1		371-401
A short study of bovine anaplasmosis, with special reference to the			
chemotherapy.	4		269-280

Bovine anaplasmosis The transmission of Anaplasma marginale to a	1.5	202
black wildebeest (Conochaetes gnu).	5	9-14
Ovine anaplasmosis: The transmission of Anaplasma ovis and Eperythrozoon ovis to the blesbuck (Damaliscus albifrons)	13	9-18
Immunization of cattle against heartwater and the control of the tickborne	15	210
diseases, redwater, gallsickness and heartwater.	20	137-158
Anatomical studies		
Anatomical studies. No. 38. On a urethral diverticulum in a kid	1	633-636
Anatomical studies. No. 39. A congenital meningeal lipoma in a sheep	1	637-640
Anatomical studies. No. 40. On two anomalies associated with the 1st		
branchial arch.	1	641-646
Anatomical studies. No. 41. Prenatal death in the Merino-ewe associated		444 444
with the cervix uteri	3	235-236
Anatomical studies. No. 42. Polydactylism in a pig.	3	237-238
Anatomical studies, No. 43. Two cases of missing incisor teeth in the		
horse.	3	239-240
Anatomical studies. No. 44. On two anomalies arising from the embryonic		
small intestine.	3	241-244
Anatomical studies. No. 45. Synotus in a lamb and a pig foetus.	3	245-248
Anatomical studies. No. 46. Apus in a pig.	3	249-250
Anatomical studies. No. 47. Pervious urachus in a bull calf.	3	251-252
Anatomical studies. No. 48. On a case of brachygnathia superior in an ox.	3	253-254
Anatomical studies, No. 49. On a deformity of the shoulder joint in a pig.	3	255-256
Anatomical studies. No. 50. A comparison of Hamitic Longhorn, West African Shorthorn, and Afrikander cattle particularly with regard to the		
skull	3	487-504
Anatomical studies. No. 51. Hypermastia and hyperthelia in cattle  Anatomical studies. No. 52. — Two cases of false masculine	4	559-562
hermaphroditism in cattle (Path, No. 5018 and 11,125).	4	563-570
Anatomical studies. No. 53. – Local thickening of the vascular system in a		500 010
horse.	4	571-572
Anatomical studies. No. 54 False musculine hermaphroditism in a pig.		272012
(Path. No. 12926).	4	573-574
Anatomical studies, No. 55 A mummified bovine foetus.	4	575-576
Anatomical studies. No. 56 Monophthalmos in a horse.	4	577-578
Anatomical studies. No. 57 An abnormally placed vulva in a heifer	4	579-580
Anatomical studies. No. 58 Diprosopus tetrophthalmos in a bull calf	5	347-350
Anatomical studies. No. 59. On a false masculine hermaphrodite in an avian hybrid.		251 256
Anatomical study. No. 60. Some comments on the hump of African cattle.	5	351-356 621-644
Anatomical study. No. 60. Some comments on the nump of African cattle.	5	021-044
Anatomical studies, No. 61. A comparison of two of the so-called Zebus	7	371-391
Anatomical study. No. 62 On the effect of debudding on skull		
conformation,	8	487-499
Anatomical studies. No. 63. An abnormal bovine heart.	14	481-488
Anatomical studies, No. 64. Anomalous course of the left phrenic nerve in	2.2	444 144
a donkey.	14	489-490
Anatomical studies. No. 65. Two cases of cervical ribs in bovines.	17	351-364
Anoplusa		
Descriptions of new species of Anophura parasitic on antelopes and a hare.	2	41-48

New species of Linognathus and Polyplax (Anoplura).  Antelopes	7	59-66
Wild antelopes as carriers of nematode parasites of domestic ruminants, III.	1	77-92
Descriptions of new species of Anophura parasitic on antelopes and a hare.	2	41-48
Lungworms from South African antelopes.	29	173-182
The operation of splenectomy in horses, cattle, sheep, goats, pigs, dogs and some South African antelopes. A summary of the results of 98		
splenectomies	5	273-306
Gedoelstial myiasis in antelopes of Southern Africa	33	77-91
antelopes and domestic cattle	33	245-276
Anthelmintics		
The administration of anthelmintics to horses in bran	1	59-62
Anthelmintic tests chiefly with tetrachlorethylene, for the removal of the		
hookworm, Gaigeria pachyscelis from infested sheep, with observation		
on the effects of this drug on other parasitic nematodes	7	399-418
A tetrachlorethylene emulsion as an anthelmintic	13	193-200
A modification of standard procedures for evaluating the relative efficacy		
of anthelmintics.	29	241-258
An anthelmintic test for larval stages of sheep nematodes	35	287-298
Anthrax		
Variation in Bacillus anthracis.	8	271-350
The effects of different carbon dioxide concentrations on the growth of		
virulent anthrax strains. Pathogenicity and immunity tests on		
guinea-pigs and sheep with anthrax variants derived from virulent		
strains	9	49-70
Variation in colony form of the anthrax bacillus	10	245-252
The preparation of anthrax spore vaccines (for cattle and sheep) in South		
Africa.	12	9-20
The use of saponin spore vaccine for inoculation against anthrax in South		
Africa.	12	279-304
The use of anthrax vaccines prepared from avirulent (uncapsulated)		
variants of Bacillus anthracis.	13	307-312
The immunization of laboratory animals against anthrax.	13	313-320
Avirulent anthrax vaccine.	21	41-44
The effect of inflammation on the survival of guinea-pigs infected with		
anthrax.	23	157-164
The effect of inflammation on the development of immunity to anthrax in		
guinea-pigs	23	165-170
Antidorcas marsupialis		
The susceptibility of the springbuck (Antidorcas marsupialis) to		
heartwater	20	25-28
Parafilaria bassoni spec. nov. from the eyes of springbuck (Antidorcas		
marsupialis)	29	165-168
Antifermentative		
Studies on the alimentary tract of Merino sheep in South Africa. XIV. The		
effect of some commonly used antifermentatives on the in vitro		
formation of gas in ruminal ingesta and its bearing on the pathogenesis		
of bloat.	23	389-394

A 49			
Antimosan  The treatment of T. brucei infection of equines with antimosan.	4		281-284
Antimosan fastness of T. congolense.	4		285-286
Aponomma			
Ticks in the South African Zoological survey collection. Part III. The			
ornate Aponommas.	20		165-178
Ticks in the South African Zoological Survey collection. Part IV. The			
inornate Aponommas.	20		179-190
Apus			
Anatomical studies. No. 46. Apus in a pig.	3		249-250
Argas			
The transmission of Aegyptianella pullorum Carpano to fowls by means of			
ticks belonging to the genus Argas.	1		15-20
Studies on karyotypes of South African Argasidae, 1. Ornithodoros	20		02.07
savignyi (Audouin), 1827.	33		93-97
Investigations into sex dimorphism during nuclear interphase of the Argasid tick, Ornithodoros savignyi (Audouin, 1827)	33		09-105
Argasia tick, Ornithodoros savignyi (Audouin, 1827).	33		98-105
Researches into dips and dipping. D. Effect of dips on wool. Paper I. The			
effect of arsenical dips on wool.	2		271-300
The toxicity of some dipping fluids containing arsenic and sulphur	11		247-255
artificial insemination	11		241 200
Artificial insemination of birds by the intraperitoneal route A study in			
sex physiology of pigeons and fowls with reports upon a modified			
technique of semen collection and a new technique of insemination,			
and observations on the spermatozoa in the genital organs of the fowl			
hen	Suppl	1.1.	3-212
Observations on artificial insemination of sheep with fresh and stored			
semen.	16		263-298
Ascaropsinae			
Pereiraia raphiceri sp. nov. (Nematode: Ascaropsinae) from a steenbuck			
(Raphicerus campestris Thunberg, 1811).	30	3	133-136
ish			
A routine method for the determination of soluble ash in plant material.	3		191-198
shworthius martinaglia			
On some helminths from the "Nylghiae" - Boselaphus tragonocephalus			
(Pall.) with observations on the parasitic larval stages of the stomach	-		40.00
worm (Ashworthius martinaglia sp. n.).	5		43-50
ureomycin	25	2.00	44.50
Aureomycin in the treatment of heartwater.	25	(4)	41-50
The parasiticidal effect of aureomycin (Lederle) on Babesia equi. (Laveran 1899) in splenectomised donkeys.	76		175 193
(ves	26		175-182
Anatomical studies. No. 59. On a false masculine hermaphrodite in an			
avian hybrid.	5		351-356
A synoptic checklist and hostlist of the ectoparasites found on South	2		221-220
African mammalia, aves and reptilia. (Supplement I).	7		69-112
abesia	4		4/ 112
Babesia thomasi sp. nov., an intra-erythrocytic parasite of the Cape dassie			
(Procavia capensis Pallas).	25	(3)	3-6
The reservoir and a second company of the reservoir of th	-		-7.00

The parasiticidal effect of aureomycin (Lederle) on <i>Babesia equi</i> (Laveran 1899) in splenectomised donkeys.	26	175-182
Bacillary white diarrhoea		
Bacillary white diarrhoea of poultry and its eradication in the Union of	22	171 016
South Africa.  Bacillus	23	171-216
Thomsen's hemagglutination phenomenon; isolation of a J-like bacillus.	2	25-28
The liquefaction of inspissated serum by the "lamb dysentery bacillus".	2	33-40
Variation in Bacillus anthracis.	8	271-350
Variation in colony form of the anthrax bacillus	10	245-252
The use of anthrax vaccines prepared from avirulent (uncapsulated)		
variants of Bacillus anthracis.	13	307-312
The effect of barley, millet ('n Yati-Pennisetum sp.) and lucerne meal in		
bacon production.	1	595-600
A statistical analysis of growth and carcase measurements of baconers	2	301-360
Bacteria		22/2012
The isolation of single bacterial cells.	7	133-134
The tuberculin test in guinea-pigs and cattle. The allergic response of		200 20 .
animals to tuberculin and to extracts of non-pathogenic acid-fast		
bacteria.	19	29-70
A rapid economical method for accurate determination of the percentage		
packed cells in a bacterial suspension,	25	(3) 39-44
Barley		
The effect of barley, millet ('nYati-Pennisetum sp.) and lucerne meal in		
bacon production.	1	595-600
The biological values of the proteins of oats, barley, wheat bran and		
pollard.	15	205-210
Bartonella		
The appearance of Bartonella muris. M. Mayer 1921 in the albino and wild		
rat after splenectomy.	10	41-48
Beef		
Factors affecting quality in mutton and beef with special reference to the		
proportions of muscle, fat and bone	12	379-550
Benzene hexachloride		
The protection of sheep against blowfly strike. III. The effect of different		
formulations of gamma benzene hexachloride.	26	409-426
Besnoitiosis		2
Studies on bovine besnoitiosis with special reference to the actiology	28	265-356
Observations on Besnoitia cysts in the cardiovascular system of some wild		
antelopes and domestic cattle.	33	245-276
Studies on the relationship between Besnoitia of blue wildebeest and		
impala, and Besnoitia besnoiti of cattle.	34	7-28
The artificial transmission of Besnoitia besnoiti (Morotel, 1912) from		202 216
chronically infected to susceptible cattle and rabbits.	34	303-316
New concepts on the epidemiological features of bovine besnoitiosis as	25	2 120
determined by laboratory and field investigations.	35	3-138
B.H.C.  The lethal effect of some insecticides on the B.H.Cresistant blue tick.		
	25	(4) 65-68
Boophilus decoloratus Koch,	25	(4) 65-68

The protection of sheep against blowfly strike. III. The effect of different	45	170.367
formulations of gamma benzene hexachloride (B.H.C.).	26	409-426
Bigalkenema		
Bigalkenema namaquensis gen. and sp. nov., a trichostrongylid worm from sheep.	30	199-124
Bile flow	טכ	199-124
Studies on the photosensitisation of animals in South Africa. VI. The		
effect of surgical obstruction of the normal bile flow.	1	505-528
Bile staining		000 020
A rapid phase test for distinguishing between carotinoid and bile staining		
of fat in carcasses.	10	439-444
Bilharziasis		
Observations on the pathology of bilharziasis and other parasitic		
infestations of Hippopotamus amphibius Linnaeus, 1758, from the		
Kruger National Park.	34	563-618
Bilirubin		
Pigment metabolism. I. The examination of the urine and blood of dogs for		
bilirubin and haemoglobin.	18	289-296
Pigment metabolism. II. Determinations of bilirubin and carotinoids in the		
plasma and of coproporhyrin in the urine and faeces of cattle		
experimentally infected with Theileria parva	18	297-304
Biochemical studies		
Veterinary biochemical studies. I. A rapid method for the determination of		
copper in biological material.	9	623-630
Biochemical studies on geeldikkop and enzootic icterus.	35	319-576
Bioclimatological studies		
Bioclimatological studies on white rats in South Africa. No. 1. Skin cancer	22	240.266
in rats following continued exposure to sunlight.	23	249-366
Biological value		
Protein studies. Plant proteins. 2. The biological values of lucerne meal, sesame meal, peanut meal, copra meal, cotton seed meal and oatmeal	10	207-220
Plant proteins. IV. The biological values of soya beans, linseed meal, and	10	201-220
soya beans supplemented by cystine.	11	391-398
Plant proteins. V. The biological value of lucerne and lucerne	**	551 550
supplemented by cystine in sheep.	11	399-406
The biological value of white fish meal as determined on growing sheep and	*-	
rats	13	361-368
The biological value of the proteins of maize supplemented with lysine and		
tryptophane	15	197-204
The biological values of the proteins of oats, barley, wheat bran and		
pollard.	15	205-210
The amino acid deficiencies of certain plant proteins and		
the supplementary effect between plant proteins as measured by means		
of their biological values	15	225-240
The nutritive value of animal proteins. The biological values of fish meal,		
whale and fish meal, meat meal, meat and bone meal, crayfish and		
white fish meal.	16	191-198
The nutritive value of mixed proteins. The biological value of the proteins		
of a mixture of yellow maize seed and grape seeds, and a mixture of	80	
yellow maize seed and camelthorn pods (Acacia giraffae)	20	213-222

The biological values of the proteins of some South African (whole seed)			
maize varieties.	21	57-7	18
Birds			
Artificial insemination of birds by the intraperitoneal route	Suppl.	1 3-21	.3
turkeys, pigeons, guinea fowls, wild birds and rabbits	22	51-7	6
Haemoproteus species in South Africa.	25	(4) 3-	-4
Biuret	21	01.0	
The excretion of biuret in the urine of sheep fed biuret.	31	91-9	0
Blackquarter	19	17-2	12
Some remarks on blackquarter vaccines	19	17-2	4
The blesbuck (Damaliscus albifrons) and the black wildebeest			
(Conochaetes gnu) as carriers of heartwater.	5	35-4	12
Blesbuck		35 4	2
The transmission of Spirochaeta theileri to a blesbuck (Damaliscus albifrons).	5	7-	8
The blesbuck (Damaliscus albifrons) and the black wildebeest (Conochaetes			
gnu) as carriers of heartwater.		35-4	12
The transmission of heartwater to and from blesbuck (Damaliscus	5	33-4	- 2
albifrons) by means of the bont tick (Amblyomma hebraeum)	9	37-4	18
Ovine anaplasmosis. The transmission of Anaplasma ovis and			
Eperythrozoon ovis to the blesbuck (Damaliscus albifrons)	13	9-1	8
Bloat			
Studies on the alimentary tract of Merino sheep in South Africa. VIII. The			
pathogenesis of acute tympanites (bloat)	18	113-11	8
Studies on the alimentary tract of Merino sheep in South Africa. XIII. The			
role of prussic acid in the aetiology of acute bloat	20	209-21	2
Studies on the alimentary tract of Merino sheep in South Africa. XIV. The			
effect of some commonly used antifermentatives on the in vitro			
formation of gas in ruminal ingesta and its bearing on the pathogenesis			
of bloat.	23	389-39	14
Studies on the alimentary tract of Merino sheep in South Africa. XV. The			
influence of different factors on the rate of cellulose digestion (a) in the			
rumen and (b) in ruminal ingesta as studied in vitro	23	395-40	19
The significance of reflex salivation in relation to froth formation and			
acute bloat in ruminants	26	241-25	150
Physiological studies on eructation in ruminants	26	251-28	4
Bloedpens			
The bloedpens strain of Cl. welchii, type B, Wilsdon. (The "lamb			
dysentery bacillus").	5	363-39	0
The production of immunity against Cl. welchil type B, Wilsdon. (The	120	1223 50	
"lamb dysentery bacillus").	5	391-41	8
Blood groups			
Blood groups of the horse with special reference to their significance in			
blood transfusion and in horsesickness immunisation.	4	7-5	U
Blood groups in bovines. I. — Production of cattle iso-immune sera and	30	480 40	1
blood groups reagents	28	479-49	1
	29	89-10	6
blood.	29	03-10	0

Pland mension		
Blood parasites  Blood parasites of game in Zululand. Further report.	1	411-420
A new blood parasite of the fowl.	9	301-310
Blood studies		
Chemical blood studies. I. Comparative studies on blood, "laked" and "unlaked" blood filtrates of animals in health and disease with		
particular reference to methods and technique employed	1	269-278
(laked and unlaked)	1	279-284
(Rickettsia ruminantium infection) and bluetongue (catarrhal fever).  Chemical blood studies. IV. Comparative studies on "laked" and "unlaked" blood filtrates of horses in health and during horsesickness	1	285-334
(Pestis equorum)	1	335-370
blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection)	1	371-401
Chemical blood studies. VI. A serial study of a 12 months period of some organic constituents in "laked" and "unlaked" blood filtrates of		
healthy sheep (Merino) of various ages.  Heartwater in sheep. The Weil-Felix reaction and an investigation into the bacterial content of the blood with particular reference to the use of	2	153-230
K-medium	3	7-22
blood and milk of cows and on the blood of their progeny	4	93-166
blood filtrates of healthy bovines between 15 and 27 months old	8	443-486
The blood of the ostrich	11	419-504
urine, serum or plasma and faeces	14	451-460
bodies in blood and urine of sheep suffering from domsiekte The influences of the nature of the diet and of starvation on the concentration curve of sulphanilamide in the blood of sheep after oral	18	311-320
dosing	25	(4) 75-84
normal term and from habitually aborting animals	30	169-178
erythrocyte pyridine nucleotides in sheep	31	77-90
Embden-Meyerhof pathway and tricarboxylic acid cycle occurring in the plasma of sheep.	33	325-336

Contributions to the study of blood constituents in domestic animals in		
South Africa, 3. Normal values for the activity of		
glyceraldehydephosphate dehydrogenase and glucose-6-phosphate		
dehydrogenase in the erythrocytes of sheep.	33	337-342
Contributions to the study of blood constituents in domestic animals in		
South Africa. 4. Normal values for haemoglobin and plasma calcium,		
inorganic phosphate, magnesium, iron and copper in the blood of		
Angora goats in the Cape Midlands	33	343-352
Contributions to the study of blood constituents in domestic animals in		
South Africa. 5. The dog: normal values for red cell counts,		
haemoglobin, blood sugar and blood urea nitrogen and a practical		
statistical method for evaluating such data	33	353-362
Contributions to the study of blood constituents in domestic animals in		
South Africa. 6. Normal values for serum protein fractions in sheep as		
obtained by electrophoresis on cellulose acetate strips	34	633-646
Blowfly		20.5
A new fly repellent and a blowfly dressing (preliminary report)	7	419-432
Sheep blowfly research. I. A survey of maggot collections from live sheep	Table 1	
and a note on the trapping of blowflies	18	13-18
Sheep blowfly research, II Suint investigations.	18	19-26
Sheep blowfly research. III Studies on the olfactory reaction of sheep	9:20	
blowflies	18	27-48
Sheep blowfly research, IV Field tests with chemically treated carcasses.	18	49-58
Sheep blowfly research. V. Carcasses as sources of blowflies	18	59-72
Sheep blowfly research VI. The treatment of mylasis.	18	73-84
Sheep blowfly research, VII. Investigations in the Cape winter-rainfall		
areas.	19	71-78
D.D.T. for the protection of sheep against blowfly strike.	22	285-290
The new synthetic insecticides as dressings for blowfly strike in sheep	25	(4) 53-64
The protection of sheep against blowfly strike I. An evaluation of certain		
organic insecticides.	26	65-82
Report on the value of Isodrin and Endrin as potential protecting agents	27	201.004
against blowfly strike in sheep.	26	221-224
The protection of sheep against blowfly strike, II The influence of the	26	405 400
length of wool at the time of treatment on the duration of protection.	26	405-408
The protection of sheep against blowfly strike. III. The effect of different	26	400 406
formulations of gamma benzene hexachloride (B.H.C.).	26	409-426
The protection of sheep against blowfly strike. IV. An evaluation of certain	27	77.00
organic phosphorus compounds.	27	77-82
The protection of sheep against blowfly strike. V. The duration of	27	540 592
protection of certain insecticides under field conditions.	27	549-582
Blue tick		
The lethal effect of some insecticides on the B.H.Cresistant blue tick,	26	(4) (5 (0
Boophilus decoloratus Koch.	25	(4) 65-68
Chamical blood studies III Composative studies on "leked" and		
Chemical blood studies. III. Comparative studies on "laked" and "unlaked" blood filtrates of sheep in health and during heartweter		
"unlaked" blood filtrates of sheep in health and during heartwater (Rickettsia ruminantium infection) and bluetongue (catarrhal fever).	1	285-334
The occurrence and identification of bluetongue in cattle – the so-called		205-554
pseudo-foot-and-mouth disease in South Africa.	2	393-508
Possesson not a minimum and the manufacture of the possession of t	4	277-300

Investigations into the transmission of bluetongue in sheep during the		
season 1931-32.	2	509-564
Observations on bluetongue in cattle and sheep.	8	129-182
The susceptibility of cattle to the virus of bluetongue	15	149-158
The transmission of bluetongue and horsesickness by Culicoides	19	7-16
The influence of solar radiation on the course of bluetongue	20	29-56
The attenuation of bluetongue virus by serial passage through fertile eggs.  The propagation of bluetongue virus in the developing chick embryo with	21	231-242 7-26
particular reference to the temperature of incubation.		
Further observations on the pathology of bluetongue in sheep	22	27-40
Immunological studies on bluetongue in sheep	23	93-136
ultracentrifugation.  The use of egg attenuated bluetongue virus in the production of a	23	137-148
polyvalent vaccine for sheep. A. Propagation of the virus in sheep The cytopathogenic action of bluetongue virus on tissue cultures and its	25	(1) 3-16
application to the detection of antibodies in the serum of sheep The use of tissue culture propagated bluetongue virus for complement	27	171-178
fixation studies in sheep sera.	27	179-182
A preliminary antigenic classification of strains of bluetongue virus Investigations into the pH stability of bluetongue virus and its survival in	28	357-364
mutton and beef	31	109-118
natural infections.	32	3-6
Observations on a strain of bluetongue virus by electron microscopy.	33	9-14
Plaque formation by bluetongue virus.	34	317-332
Electron microscopic study on the formation of bluetongue virus.	35	139-150
Bone		
Factors affecting quality in mutton and beef with special reference to the proportions of muscle, fat and bone.	12	379-550
A method for preparing sections of bone without decalcification	15	295-298
Bone biopsy		250 250
Bone biopsy as an aid to the study and diagnosis of deficiency diseases.  Bont tick	8	431-442
The transmission of heartwater to and from blesbuck (Damaliscus		
albifrons) by means of the bont tick (Amblyomma hebraeum)	9	37-48
Boophilus decoloratus		
Zoological survey of the Union of South Africa: Tick Survey, Part II.  Distribution of Boophilus (Palpoboophilus) decoloratus, the blue tick.	22	255-268
The lethal effect of some insecticides on the B.H.Cresistant blue tick,  Boophilus decoloratus Koch,	25	(4) 65-68
Ticks in the South African Zoological Survey collection. Part XII. The genera Boophilus Curtice, 1891 and Margaropus Karsch, 1879	34	81-108
The investigations into the cold resistance of the eggs and larvae of Boophilus decoloratus (Koch, 1844), Boophilus microplus (Canestrini,	272	7.22.4
1888,) and Margaropus withemi Karsch, 1879	34	109-128
hebraeum (Koch, 1844).	34	541-546

Boselaphus tragocamelus		
On some helminths from the "Nylghiae" - Boselaphus tragocamelus (Pall.)		
with observations on the parasitic larval stages of the stomach worm		
(Ashworthius martinaglia sp. n.).	5	43-50
Bovidae		
A study of hair morphology in the family Bovidae	33	379-472
Bowel anastomosis		
Studies on the alimentary tract of sheep in South Africa. III. The influence		
of bowel anastomosis on the general nutritional state of Merino sheep.	5	501-516
Brachygnathia		
Anatomical studies, No. 48. On a case of brachygnathia superior in an ox.	3	253-254
Bread poisoning		6.5 70 11.5 (5)
Poisoning of human beings by weeds contained in cereals (bread poisoning).	1	219-268
Senecio alkaloids, part 3. Chemical investigations upon the Senecio species		217-200
responsible for "bread poisoning". The isolation of senecionine from		
그 사람들은 그렇게 맞아 있는 경쟁 경쟁 경쟁 경쟁 이 그 전에 대통령이 되었다. 그렇게 되었다고 있다면 하다면 되었다면 되었다면 하다 되었다. 그 아니라 그 아		
Senecio ilicifolius, Thumb. and a new alkaloid "rosmarinine" from	15	241-250
Senecio rosmarinifolina, Linn.	13	241-230
Brucella		
The Brucella Ring Test for milk of individual cows and its value for	25	(1) 20.50
determining their status of infection.	25	(1) 39-50
Strain 19 Brucella vaccine I. Production of vaccine by the shake-flask		200.014
technique.	27	205-214
Strain 19 Brucella vaccine II. The preparation of freeze-dried live		470.444
vaccine	27	215-226
Strain 19 Brucella vaccine: V. Mass production in the Brucella Vortex		
Aerated Culture apparatus.	27	539-548
A urease test for characterizing Brucella strains.	29	151-158
Buffaloes		
Rinderpest in buffaloes. The immunizing value of dried goat spleen		
vaccine.	15	175-186
The pathology of Cordophilus sagittus (v. Linstow, 1907) infestation in the		
kudu [Tragelaphus strepsiceros (Pallas, 1766)], bushbuck [Tragelaphus		
scriptus (Pallas, 1766)] and African buffalo [ Syncerus caffer		
(Sparrman, 1779)] in South Africa	34	137-160
Bulinus tropicus		
Studies on paramphistomiasis. I. The propagation of Bulinus tropicus		
Krauss 1848	29	183-188
Bunostomum		
Observations on the life history of Bunostomum trigonocephalum, a		
hookworm of sheep and goats.	12	305-320
Bushbuck		
The pathology of Cordophilus sagittus (v. Linstow, 1907) infestation in the		
kudu [Tragelaphus strepsiceros (Pallas, 1766)] bushbuck [Tragelaphus		
scriptus (Pallas, 1766)] and African buffalo [Syncerus caffer (Sparrman,		
1779)] in South Africa.	34	137-160
Bushpigs	5.7	1923-292
Observations on helminths parasitic in warthogs and bushpigs.	31	11-38
Calcification		7.2.20
The effect of intermittent starvation on calcification, food utilization and		
tissue composition.	12	321-352
		221 302

Calcium			
Studies in mineral metabolism. XXVII. The effect of two different calcium			
phosphorus ratios upon the growth of calves.	1		421-424
Studies in mineral metabolism. XXVIIa. Modifications of the methods used			
at Onderstepoort for the determination of (a) magnesium and calcium,			
(b) potassium in grass extracts	2		115-122
Studies in mineral metabolism. XXXVII. The influence of variations in the			
dietary phosphorus and in the Ca: P ratio on the production of rickets			
in cattle.	8		375-416
Studies in mineral metabolism. XXXVIII, Calcium and phosphorus in the			
nutrition of growing pigs.	9		127-164
The assimilation of calcium and phosphorus by the growing bovine	10		281-366
Poisoning by spent calcium carbide.	17		207-220
The availability of the calcium and phosphorus in "Electrofos" for bone			
formation. I. In the rat.	24		87-104
The effect of body stores and of method of supplementation on the	25		05.00
efficiency of calcium and phosphorus utilization by sheep.	25	(4)	85-92
Contributions to the study of blood constituents in domestic animals in South Africa. 4. Normal values for haemoglobin and plasma calcium,			
inorganic phosphate, magnesium, iron and copper in the blood of			
Angora goats in the Cape Midlands.	33		343-352
	55		343 332
Calicophoron			
A study of the epidermal structures of the miracidia of Calicophoron			
calicophorum (Fischoeder, 1901) Näsmark, 1937 and Paramphistomum microbothrium (Fischoeder, 1901).	34		129-136
	54		127 130
Calves			
Studies in mineral metabolism. XXVII. The effect of two different calcium	1		421-424
phosphorus ratios upon the growth of calves	1		421-424
calves.	28		133-141
	20		100 111
Capillaria	20		473-478
Capillaria hepatica infestation in a dog	28		4/3-4/0
Carbamylcholine			
Studies on the alimentary tract of the Merino sheep in South Africa. XX.			
The failure of the rumen musculature to respond to carbamylcholine	25	(II)	67.72
chloride when paralysed by potasium cyanide.	25	(1)	67-72
Studies on the comparative actions of carbamylcholine, physostigmine and neostigmine in different species of domestic animals.	26		485-500
4	20		405-500
Carotene			400 404
The carotene content of some South African feeds.	5		475-484
The carotene content of some South African feeds.  The carotene content of some South African feeds.	14		421-432 199-212
	10		199-212
Carotinoid			
A rapid phase test for distinguishing between carotinoid and bile staining	06.		1202 527
of fat in carcasses.	10		439-444
Pigment metabolism II. Determinations of bilirubin and carotinoids in the			
plasma, and of coproporphyrin in the urine and faeces of cattle	10		207 204
experimentally infected with Theileria parva.	18		297-304

Cat  Joyeuxia fuhrmanni Baer, 1924, a hitherto unrecorded cestode parasite of the domestic cat in South Africa.  Clinostomid trematodes as abernant parasites in the mouth of the domestic cat (Felis catus domesticus).  Catarrhal fever  Chemical blood studies. III. Comparative studies on "laked" and "unlaked" blood filtrates of sheep in health and during heartwater (Rickettsia ruminantium infection) and bluetongue (catarrhal fever).  Catenotaenia  On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus.  Catile  The cause of nodular enteritis in cattle.  Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigentium infection).  Studies in Native animal husbandry. 6. A note on Ovambo cattle.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Keratosis of the skin in cattle.  1 621-630  Keratosis of the skin in cattle.  1 631-632  Research into dips and dipping. C. Miscellaneous, The effect of dosing aloes to tick-infested cattle.  2 267-270  The occurrence and identification of bluetongue in cattle — the so-called pseudo-foot-and-mouth disease in South Africa.  2 393-508  Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report.  2 565-606  Anatomical studies, No. 48. On a case of Brachygnathia superior in an ox.  Anatomical studies, No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull.  3 487-504  The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny.  4 269-280  Anatomical studies, No. 51 — Hypermastia and hyperthelia in cattle.  4 269-280  Anatomical studies, No. 52 — Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125).  4 563-570  Anatomical studies, No. 55 – A mummilifed bovine foetus.  4 575			
Clinostomid trematodes as aberrant parasites in the mouth of the domestic cat [Felis catus domesticus].  Catarrhal fever Chemical blood studies. III. Comparative studies on "laked" and "unlaked" blood filtrates of sheep in health and during heartwater [Rickettsia ruminantium infection] and bluetongue (catarrhal fever).  Catenotaenia On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus.  Cattle  The cause of nodular enteritis in cattle.  Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis [A. marginale infection] and piroplasmosis [P. bigeminum infection].  Studies in Native animal husbandry. 6. A note on Ovambo cattle.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described,  Keratosis of the skin in cattle.  Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis [A. marginale infection) and piroplasmosis [P. bigeminum infection].  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described,  Lescondreaded to the skin in cattle.  Chemical blood studies. V. Camparative studies on "laked" and "unlaked" blood illrates of bovines in health and during anaplasmosis [A. marginale infection].  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described,  Lescondreaded to the studies of the skin in cattle.  Chemical studies of the skin in cattle.  1 621-630  Keratosis of the skin in cattle.  2 267-270  The occurrence and identification of bluetongue in cattle – the so-called pseudo-foot-and-mouth disease in South Africa.  2 393-508  Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report.  2 256-606  Anatomical studies. No. 47. Pervious urachus in a bull calf.  3 251-252  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to th	Cat		
Clinostomid trematodes as aberrant parasites in the mouth of the domestic cat [Felis catus domesticus].  Catarrhal fever Chemical blood studies. III. Comparative studies on "laked" and "unlaked" blood filtrates of sheep in health and during heartwater [Rickettsia ruminantium infection] and bluetongue (catarrhal fever).  Catenotaenia On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus.  Cattle  The cause of nodular enteritis in cattle.  Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis [A. marginale infection] and piroplasmosis [P. bigeminum infection].  Studies in Native animal husbandry. 6. A note on Ovambo cattle.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described,  Keratosis of the skin in cattle.  Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis [A. marginale infection) and piroplasmosis [P. bigeminum infection].  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described,  Lescondreaded to the skin in cattle.  Chemical blood studies. V. Camparative studies on "laked" and "unlaked" blood illrates of bovines in health and during anaplasmosis [A. marginale infection].  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described,  Lescondreaded to the studies of the skin in cattle.  Chemical studies of the skin in cattle.  1 621-630  Keratosis of the skin in cattle.  2 267-270  The occurrence and identification of bluetongue in cattle – the so-called pseudo-foot-and-mouth disease in South Africa.  2 393-508  Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report.  2 256-606  Anatomical studies. No. 47. Pervious urachus in a bull calf.  3 251-252  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to th	Joyeuxia fuhrmanni Baer, 1924, a hitherto unrecorded cestode parasite of		
cat (Felis catus domesticus). 30 137-144  Catarrhal fever Chemical blood studies. III. Comparative studies on "laked" and "unlaked" blood filtrates of sheep in health and during heartwater (Rickettsia ruminantium infection) and bluctongue (catarrhal fever). 1 285-334  Catenotaenia On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus. 29 11-20  Cattle The cause of nodular enteritis in cattle. 1 63-66 Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection). 1 371-401 Studies in Native animal husbandry. 6. A note on Ovambo cattle. 1 601-620 Studies in Native animal husbandry. 7. Makalanga cattle, a representative described. 1 621-630 Keratosis of the skin in cattle. 1 631-632 Research into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle. 2 267-270 The occurrence and identification of bluetongue in cattle — the so-called pseudo-foot-and-mouth disease in South Africa. 2 393-508 Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report. 2 565-606 Anatomical studies. No. 47. Pervious urachus in a bull calf. 3 251-252 Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull. 3 487-504 The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny. 4 93-166 A short study of bovine anaplasmosis with special reference to the chemotherapy. 4 269-280 Anatomical studies. No. 51 — Hypermastia and hyperthelia in cattle. 4 559-562 Anatomical studies. No. 52 — Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125). 4 563-570	the domestic cat in South Africa.	1	97-98
Catarrhal fever Chemical blood studies. III. Comparative studies on "laked" and "unlaked" blood filtrates of sheep in health and during heartwater (Rickettsia ruminantium infection) and bluctongue (catarrhal fever).  Catenotaenia On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus.  Cattle The cause of nodular enteritis in cattle. Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection).  Studies in Native animal husbandry. 6. A note on Ovambo cattle.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Lateratosis of the skin in cattle.  Research into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle.  The occurrence and identification of bluetongue in cattle – the so-called pseudo-foot-and-mouth disease in South Africa.  Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report.  Anatomical studies. No. 47. Pervious urachus in a bull calf.  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull.  The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny.  A short study of bovine anaplasmosis with special reference to the chemotherapy.  Anatomical studies. No. 51 – Hypermastia and hyperthelia in cattle.  Anatomical studies. No. 52 – Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125).  4 269-280	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20	
Chemical blood studies. III. Comparative studies on "laked" and "unlaked" blood filtrates of sheep in health and during heartwater (Rickettsia ruminantium infection) and bluetongue (catarrhal fever). 1 285-334  Catenotaenia On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus. 29 11-20  Cattle The cause of nodular enteritis in cattle. 1 63-66 Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection). 1 371-401  Studies in Native animal husbandry. 6. A note on Ovambo cattle. 1 601-620  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described. 1 631-632  Research into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle. 2 267-270  The occurrence and identification of bluetongue in cattle – the so-called pseudo-foot-and-mouth disease in South Africa. 2 393-508  Studies in mineral metabolism. XXXI, Minimum mineral requirements of cattle. Second report. 2 565-606  Anatomical studies. No. 47. Pervious urachus in a bull calf. 3 251-252  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull. 3 487-504  The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny. 4 93-166  A short study of bovine anaplasmosis with special reference to the chemotherapy. 4 269-280  Anatomical studies. No. 51 — Hypermastia and hyperthelia in cattle. 4 559-562  Anatomical studies. No. 52 — Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125). 4 563-570		30	137-144
"unlaked" blood filtrates of sheep in health and during heartwater (Rickettsia ruminantium infection) and bluetongue (catarrhal fever). 1 285-334  Catenotaenia On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus. 29 11-20  Cattle The cause of nodular enteritis in cattle. 1 63-66 Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection). 1 371-401 Studies in Native animal husbandry. 6, A note on Ovambo cattle. 1 601-620 Studies in Native animal husbandry. 7. Makalanga cattle, a representative described, 1 621-630 Keratosis of the skin in cattle. 1 631-632 Research into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle. 2 267-270 The occurrence and identification of bluetongue in cattle – the so-called pseudo-foot-and-mouth disease in South Africa. 2 393-508 Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report. 2 565-606 Anatomical studies. No. 48. On a case of Brachygnathia superior in an ox. 3 253-254 Anatomical studies. No. 48. On a case of Brachygnathia superior in an ox. 3 253-254 The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny. 4 93-166 A short study of bovine anaplasmosis with special reference to the chemotherapy. 4 269-280 Anatomical studies. No. 51 – Hypermastia and hyperthelia in cattle. 4 559-562 Anatomical studies. No. 52 – Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125). 4 563-570			
Catenotaenia On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus.  Cattle The cause of nodular enteritis in cattle. Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection).  Studies in Native animal husbandry. 6. A note on Ovambo cattle.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Keratosis of the skin in cattle.  Chescarch into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle.  The occurrence and identification of bluetongue in cattle – the so-called pseudo-foot-and-mouth disease in South Africa.  Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report.  Anatomical studies. No. 48. On a case of Brachygnathia superior in an ox.  Anatomical studies. No. 48. On a case of Brachygnathia superior in an ox.  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull.  The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny.  4 269-280  Anatomical studies. No. 51 — Hypermastia and hyperthelia in cattle.  4 269-280  Anatomical studies. No. 52 — Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125).  4 563-570			
Catenotaenia On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus.  Cattle The cause of nodular enteritis in cattle. Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection).  Studies in Native animal husbandry. 6. A note on Ovambo cattle.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Keratosis of the skin in cattle.  1 621-630 Keratosis of the skin in cattle.  1 631-632 Research into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle.  2 267-270 The occurrence and identification of bluetongue in cattle – the so-called pseudo-foot-and-mouth disease in South Africa.  2 393-508 Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report.  2 565-606 Anatomical studies. No. 48. On a case of Brachygnathia superior in an ox.  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull.  3 487-504 The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny.  4 269-280 Anatomical studies. No. 51 – Hypermastia and hyperthelia in cattle.  Anatomical studies. No. 52 – Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125).  4 563-570			
On two new Catenotaenia tapeworms from a South African rat with remarks on the species of the genus		.1	285-334
Cattle The cause of nodular enteritis in cattle. Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection).  Studies in Native animal husbandry. 6. A note on Ovambo cattle. Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Studies in dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle.  Studies and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle.  Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report.  Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report.  Anatomical studies. No. 47. Pervious urachus in a bull calf.  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull.  The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny.  Anatomical studies. No. 51 — Hypermastia and hyperthelia in cattle.  Anatomical studies. No. 52 — Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125).  4 563-570			
Cattle  The cause of nodular enteritis in cattle.  Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection).  Studies in Native animal husbandry. 6. A note on Ovambo cattle.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Learned the skin in cattle.  Research into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle.  The occurrence and identification of bluetongue in cattle – the so-called pseudo-foot-and-mouth disease in South Africa.  Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report.  Anatomical studies. No. 47. Pervious urachus in a bull calf.  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull.  The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny.  Anatomical studies. No. 51 – Hypermastia and hyperthelia in cattle.  Anatomical studies. No. 52 – Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125).  4 563-570	and the same of the control of the same of	1272	22722
The cause of nodular enteritis in cattle.  Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection).  Studies in Native animal husbandry. 6. A note on Ovambo cattle.  Studies in Native animal husbandry. 7. Makalanga cattle, a representative described.  Cescribed.  Research into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle.  The occurrence and identification of bluetongue in cattle — the so-called pseudo-foot-and-mouth disease in South Africa.  Studies in mineral metabolism. XXXI, Minimum mineral requirements of cattle. Second report.  Anatomical studies. No. 47. Pervious urachus in a bull calf.  Anatomical studies. No. 48. On a case of Brachygnathia superior in an ox.  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull.  The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny.  Anatomical studies. No. 51 — Hypermastia and hyperthelia in cattle.  Anatomical studies. No. 52 — Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125).  4 563-570		29	11-20
Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection)			
blood filtrates of bovines in health and during anaplasmosis (A. marginale infection) and piroplasmosis (P. bigeminum infection)		1	63-66
marginale infection) and piroplasmosis (P. bigeminum infection)	ANY CONTROL OF THE CO		
Studies in Native animal husbandry, 6. A note on Ovambo cattle			
Studies in Native animal husbandry. 7. Makalanga cattle, a representative described	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그		and the second second
described. 1 621-630 Keratosis of the skin in cattle. 1 631-632 Research into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle. 2 267-270 The occurrence and identification of bluetongue in cattle – the so-called pseudo-foot-and-mouth disease in South Africa. 2 393-508 Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report. 2 565-606 Anatomical studies. No. 47. Pervious urachus in a bull calf. 3 251-252 Anatomical studies. No. 48. On a case of Brachygnathia superior in an ox. 3 253-254 Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull. 3 487-504 The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny. 4 93-166 A short study of bovine anaplasmosis with special reference to the chemotherapy. 4 269-280 Anatomical studies. No. 51 – Hypermastia and hyperthelia in cattle. 4 559-562 Anatomical studies. No. 52 – Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125). 4 563-570	Studies in Native animal husbandry. 6. A note on Ovambo cattle	1	601-620
Keratosis of the skin in cattle	Studies in Native animal husbandry. 7. Makalanga cattle, a representative		
Research into dips and dipping. C. Miscellaneous. The effect of dosing aloes to tick-infested cattle			NOTE TO SE
aloes to tick-infested cattle		1	631-632
The occurrence and identification of bluetongue in cattle — the so-called pseudo-foot-and-mouth disease in South Africa			
pseudo-foot-and-mouth disease in South Africa		2	267-270
Studies in mineral metabolism. XXXI. Minimum mineral requirements of cattle. Second report	The occurrence and identification of bluetongue in cattle - the so-called		
cattle. Second report	pseudo-foot-and-mouth disease in South Africa.	2	393-508
Anatomical studies. No. 47. Pervious urachus in a bull calf	Studies in mineral metabolism. XXXI, Minimum mineral requirements of		
Anatomical studies. No. 48. On a case of Brachygnathia superior in an ox.  Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull.  The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny.  Anatomical studies. No. 51 — Hypermastia and hyperthelia in cattle.  Anatomical studies. No. 52 — Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125).  Anatomical studies. Anatomical studies. No. 52 — Two cases of false masculine	cattle. Second report	2	565-606
Anatomical studies. No. 50. A comparison of Hamitic longhorn, West African Shorthorn, and Africander cattle particularly with regard to the skull	Anatomical studies. No. 47. Pervious urachus in a bull calf	3	251-252
African Shorthorn, and Africander cattle particularly with regard to the skull	Anatomical studies. No. 48. On a case of Brachygnathia superior in an ox.	3	253-254
skull	Anatomical studies. No. 50. A comparison of Hamitic longhorn, West		
The influence of rations low in certain minerals on the composition of the blood and milk of cows and on the blood of their progeny	African Shorthorn, and Africander cattle particularly with regard to the		
blood and milk of cows and on the blood of their progeny	skull	3	487-504
A short study of bovine anaplasmosis with special reference to the chemotherapy	The influence of rations low in certain minerals on the composition of the		
chemotherapy	blood and milk of cows and on the blood of their progeny	4	93-166
Anatomical studies. No. 51 – Hypermastia and hyperthelia in cattle 4 559-562  Anatomical studies. No. 52 – Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125) 4 563-570	A short study of bovine anaplasmosis with special reference to the		
Anatomical studies. No. 52 — Two cases of false masculine hermaphroditism in cattle. (Path. No. 5018 and 11,125)	chemotherapy	4	269-280
hermaphroditism in cattle. (Path. No. 5018 and 11,125)	Anatomical studies. No. 51 - Hypermastia and hyperthelia in cattle	4	559-562
	Anatomical studies. No. 52 - Two cases of false masculine		
Anatomical studies. No. 55 - A mummified bovine foetus	hermaphroditism in cattle. (Path. No. 5018 and 11,125)	4	563-570
	Anatomical studies. No. 55 - A mummified bovine foetus	4	575-576

579-580

273-306

347-350

531-534

535-620

621-644

5

5

5

5

5

5

9-14

Anatomical studies. No. 57. An abnormally placed vulva in a heifer. . . . .

The operation of splenectomy in horses, cattle, sheep, goats, pigs, dogs and some S.A. antelopes. A summary of the results of 98 splenectomies. . .

Anatomical studies. No. 58. Diprosopus tetrophthalmos in a bull calf. . . .

Studies in Native animal husbandry (13). A note on the three parent stocks of African cattle.

Factors affecting the growth of range cattle in semi-arid regions. . . . . .

Anatomical studies. No.60. Some comments on the hump of African cattle.

Researches into sterility of cows in South Africa. The influence of (i) dry rations, (ii) lack of exercise and (iii) lack of sunlight on reproduction in		
beef heifers and cows,	6	719-772
Anatomical studies. No. 61. A comparison of two of the so-called Zebus  The occurrence of congenital porphyrinuria (pink tooth) in cattle in South	7	371-391
Africa (Swaziland).	7	535-566
Some cases of congenital porphyrinuria in cattle. Chemical studies upon the living animals and post-mortem material.	7	567-612
Bovine theileriasis in South Africa with special reference to Theileria		
mutans	8	9-128
Observations on bluetongue in cattle and sheep	8	129-182
Studies in mineral metabolism. XXXVII, The influence of variations in the dietary phosphorus and in the Ca:P ratio on the production of rickets	8	359-374
in cattle	8	375-416
blood filtrates of healthy bovines between 15 and 27 months old  Anatomical study. No. 62. On the effect of debudding on skull	8	443-486
conformation.	8	487-499
Cysticercosis in swine and bovines with special reference to South African conditions.	9	337-572
Surfen C therapy in Trypanosoma congolense infection in bovines and ovines.	10	13-20
The assimilation of calcium and phosphorus by the growing bovine Quantitative studies upon porphyrin excretion in bovine congenital	10	281-366
porphyrinuria	10	421-430
Friesland cow in South Africa (Cedara case).	10	431-438
Coproporphyrin excretion in East Coast fever of cattle,	11	385-390
Africa.  Research into sterility of cows in South Africa. The influence of (1) dry rations and (2) lack of exercise on sexual maturity and the duration of	12	9-20
the ovarian cycle in beef heifers.  Factors affecting quality in mutton and beef with special reference to the	12	233-250
proportions of muscle, fat and bone,	12	379-550
On the feeding of a phosphorus supplement to mother-reared calves, prior		217000
to weaning, under open range conditions in Bechuanaland	13	321-346
porphyrinuria (pink tooth) No. 2.	13	369-382
Bovine congenital porphyrinuria (pink tooth) inherited as a recessive character.	13	383-400
Eperythrozoonosis in cattle.	14	9-30
Anatomical studies, No. 63. An abnormal bovine heart.	14	481-488
The susceptibility of cattle to the virus of bluetongue	15	149-158
Erosive stomatitis of cattle.  Bionomic studies on cattle in the semi-arid regions of the Union of South	15	159-174
Africa. IV. The ovarian cycle of heifers during summer.	16	213-242

A preliminary note on the temperature of the scrotal skin of the bull and			
its relation to air, skin and body temperature.	16		299-314
A note on the influence of a bloodmeal ration on porphyrin excretion in normal bovines.	16		215 220
Treatment and control of chronic Streptococcus mastitis in bovines; results	10		315-330
obtained in two herds	17		7-50
Further observations on the scrotal skin temperature of the bull, with some			,
remarks on the intra-testicular temperature	17		123-140
Anatomical studies. No. 65. Two cases of cervical ribs in bovines	17		351-364
Pigment metabolism. II. Determinations of bilirubin and carotinoids in the			
plasma, and of coproporphyrin in the urine and faeces of cattle			
experimentally infected with Theileria parva.	18		297-304
Genetics in the diagnosis of bovine congenital porphyrinuria	18		305-310
Some aspects of solar radiation in its relation to cattle in South Africa and Europe.	18		327-354
The tuberculin test in guinea-pigs and cattle. The allergic response of	10		321-334
animals to tuberculin and to extracts of non-pathogenic acid-fast			
bacteria.	19		29-70
Immunization of cattle against heartwater and control of the tick-borne			
diseases, redwater, gallsickness and heartwater	20		137-158
The absorptivity for solar radiation of different coloured hairy coats of			
cattle	20		223-234
Further investigations into immunization of cattle against rinderpest	21		7-16
Investigation into immunization of cattle against rinderpest in Tanganyika			
Researches into sterility of cows in South Africa, The influence of (i) dry	22		231-254
rations (ii) lack of exercise and (iii) lack of sunlight, on reproduction of			
beef heifers and cows.	23		269-348
The influence of delayed breeding on the fertility of beef heifers.	24		125-354
The Brucella Ring Test for milk of individual cows and its value for	1771.A		
determining their status of infection	25	(1)	39-50
Studies on the alimentary track of Merino sheep in South Africa. XVIII.			
The effect of fasting on the activity of the ruminal flora of sheep and			
cattle	25	(1)	51-58
Studies on the alimentary tract of the Merino sheep in South Africa. XIX.			
The influence of sulphanilamide on the activity of the ruminal flora of	25	(1)	20.00
sheep and cattle	25	(1)	59-66
bovine spleen smear.	25	(2)	79-142
Calf paratyphoid IA general discussion of the disease in relation to	2.0	(2)	// 112
animals and man.	26		3-24
Calf paratyphoid, II. – Artificial immunization.	26		25-44
Calf paratyphoid, III. The transmission of anti-bodies to newly born calves.	26		45-60
			11.00 E-0.00
Does bovine congenital porphyrinuria (pink tooth) produce clinical			POSEDK BARTON
disturbances in an animal which is protected against the sun?	26		231-234
Isolation in mice and embryonated hens eggs of a virus associated with	~		470 404
vaginitis of cattle.	26		479-484
Studies on the lesions and pathogenesis of East Coast fever (Theileria parva	27		431-452
infection) in cattle, with special reference to the lymphoid tissue.	21		731-732

Some factors affecting the secretion of abomasal juice in young dairy		
calves	28	133-141
Studies on bovine besnoitiosis with special reference to the aetiology	28	265-356
A field study of some nematode parasites of bovines in a semi-arid area		
with special reference to their biology and possible methods of	28	365-464
prophylaxis.  Blood groups in bovines, I. – Production of cattle isoimmune sera and	20	303-404
그런 성상하게 선생님이 있다면 살아 많아 많아 있다면 나는 아내는 사람이 없는 것이 되었다면 하다 그 때문에 되었다면 하다 그리고 있다면 하다 그리고 있다면 하다 그리고 있다면 하다 하다 되었다.	28	479-491
blood groups reagents.	29	55-80
Ovulatory failure in bovines	49	33-60
	29	89-106
blood.  The ability of Group III viruses associated with infectivity in cattle in	23	65-100
- IN 1971 (A) 1982 (B) 1987 (B	31	3-10
South Africa to infect the respiratory tract	31	3-10
	31	109-118
mutton and beef	31	103-110
infections	32	3-6
The significance of the cytoplasmic droplet in the disintegration of semen	32	5-0
그 보이는 계약을 하다면서 하다면서 가입니다. 그렇게 하면 하나면서 이 그리고 있다면서 하나면서 그렇게 되는 사람이 되었다. 그리고 있다면서 그렇게 되었다.	33	169-184
in Guernsey bulls	33	107-104
	33	185-194
reproductive efficiency in bovines.  Observations on Besnoitia cysts in the cardiovascular system of some wild	33	103-174
	33	245-276
antelopes and domestic cattle	33	243-276
이 것이 생활하게 맛있다. 아니라마이 아름답니다면 무슨 내가 있다면 사람이 아름답니다 그리 집에 하는 사람이 되었다. 아이트를 다시다 아이들에	34	7-28
impala, and Besnoitia besnoiti of cattle	34	1-20
characterization of a virus from natural and experimentally produced		
그는 그 그 사람들이 되는 것이 되었다면 그는 사람들이 되었다면 하는 것이 되었다면 하는 것이 되었다면 하는 것이 없는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하는데 하	34	29-40
cases of bovine ephemeral fever.	34	25-40
The serological relationship of South African bovine enterovirus strains		
(Ecbo SA-I and II) and the growth characteristics in cell culture of the	34	41-52
prototype strain (Ecbo SA-I).	34	41-32
Purification and physico-chemical characterization of Ecbo-virus type	34	52.64
SA-I	34	53-64
The artificial transmission of Besnoitie besnoiti (Marotel, 1912) from	24	303-316
chronically infected to susceptible cattle and rabbits.	34 34	345-438
Mycobacterial PPD sensitins and the non-specific reactor problem Cellulose digestion	34	343-436
Studies on the alimentary tract of Merino sheep in South Africa. XV. The influence of different factors on the rate of cellulose digestion (a) in the		
rumen and (b) in ruminal ingesta as studied in vitro.	22	205 400
Ceratopogonidae	23	395-409
The South African biting midges of the genus Culicoides (Ceratopogonid		
Dipt.).	25	(2) 3-34
Culicoides gulbenkiani, a new species of Culicoides (Diptera:	20	(2) 3-34
Ceratopogonidae) in South Africa.	28	155-168
Cereals	20	133-100
Poisoning of human beings by weeds contained in cereals (bread		
poisoning)	1	219-268
Cervical ribs	4	217-200
Anatomical studies. No. 65. Two cases of cervical ribs in bovines.	17	351-364
TARREST OF STREET, STATE OF THE APPLICATION TO STATE OF THE STATE OF T	27	331-304

Cestode		
Joyeuxia fuhrmanni Baer, 1924, a hitherto unrecorded cestode parasite of		07.00
the domestic cat in South Africa.  South African Helminths. Part III. – Some mammalian and avian cestodes.	1	97-98 23-50
South African Helminths. Part IV. – Cestodes from Columbiformes.	11	51-62
South African Helminths, VII. Miscellaneous helminths, chiefly cestodes  Culicoides gulbenkiani, a new species of Culicoides (Diptera:	14	97-110
Ceratopogonidae) in South Africa.	28	155-168
	26	
Observations on Rajotaenia gerbilli Wertheim, 1954, an anoplocephalid cestode from gerbils.	29	21-24
Observations on cestode parasites of guinea-fowl from Southern Africa	30	95-118
Pseudandrya mkuzii sp. nov. (Cestoda: Hymenolepididae) from Ichneumia		-8 -55
albicauda	30	127-132
Cestrum laevigatum		
Chase Valley disease. Cestrum laevigatum Schlecht (inkberry plant) its		
toxic effects on ruminants.	2	667-680
Notes upon the isolation of the alkaloidal constituent of the berg		
"Channa" or "Kougoed" [Mesembryanthemum anatomicum and M.		
tortuosum)	9	187-192
Chase valley disease	4	
Chase Valley disease. Cestrum laevigatum Schlecht. (inkberry plant) its		
toxic effects on ruminants.	2	667-680
Chick embryo  Studies on the neurotropic virus of horsesickness. VI. Propagation in the		
developing chick embryo.	11	9-22
The propagation of bluetongue virus in the developing chick embryo with	-	
particular reference to the temperature of incubation.	22	7-26
Chickling vetch	-	
Lathyrus sativus, L. (chickling vetch, Khesari, Indian pea) as a stock food.	1	163-172
Chromatin body		
The sex chromatin body and its importance for the demonstration of		
heterochromosomal conditions in Ornithodoros moubata (Murray, 1877).	33	107-113
Chromatography	55	10/-115
A photometric method for quantitative paper partition chromatography of		
amino acids.	25	(1) 31-38
Clinostomum		
On the metacercaria and adult of Clinostomum van der horsti sp. n. a		71.60
nematode parasite of fishes and herons	5	51-60
The antigenic compounds of toxins of Cl. botulinum types C & D	5	65-78
The bloedpens strain of Cl. welchii type B Wilsdon (The "Lamb dysentery		
bacillus").	5	363-390
The production of immunity against Cl. welchii type B Wilsdon. (The		الدياد معط
"lamb dysentery bacillus").  The production of immunity to Cl. chauboei.	5 7	391-418 143-168
The production of immunity to Ci. chauvoei.  The toxin of Clostridium chauvoei.	7	433-484
A COUNTY OF CHARMING	i.	100 101

The isolation of Clostridium welchii type B from foals affected with		
dysentery,	11	333-340
The beta toxin of Clostridium welchii type B, Wilsdon, in relation to the		
production of a vaccine against lamb dysentery.	28	495-550
Colostrum		
Comparative electrophoretic studies of bovine and human colostrum in	25	(4) 7.12
relation to neonatal immunity.  Columbiformes	25	(4) 7-12
South African helminths. Part IV. Cestodes from Columbiformes Conjunctivitis	11	51-62
Conjunctivitis of the domestic fowl and an associated Rickettsia-like	372	
organism in the conjunctival epithelium.	14	469-480
Bovine anaplasmosis. The transmission of Anaplasma marginale to a black		
wildebeest (Conochaetes gnu)	5	9-14
The blesbuck (Damaliscus albifrons) and the black wildebeest		200
(Conochaetes gnu) as carriers of heartwater	5	35-42
Copper  Veterinary biochemical studies. I. A rapid method for the determination of		
copper in biological material.	9	623-630
Studies in demyelinating diseases of sheep associated with copper	,	025-030
deficiency. I. "Lamkruis", a demyelinating disease of lambs occurring		
in South Africa. II. A biochemical investigation on the incidence of		
"lamkruis" in lambs in Saldanha Bay, Vredenburg and St. Helena Bay		
environs. III, Experimental studies, treatment and control measures	25	(2) 35-78
Contributions to the study of blood constituents in domestic animals in		,
South Africa. 4. Normal values for haemoglobin and plasma calcium,		
inorganic phosphate, magnesium, iron and copper in the blood of		
Angora goats in the Cape Midlands	33	343-352
Coproporphyrin excretion in East Coast fever of cattle	11	385-390
Pigment metabolism. II. Determinations of bilirubin and carotinoids in the		
plasma, and of coproporphyrin in the urine and faeces of cattle		
experimentally infected with <i>Theileria parva</i>	18	297-304
Alteration of reproductive function in the rat by cortisol acetate Corynebacterium	34	673-688
The significance of the endotoxin and pyogenic factor of Corynebacterium		
pseudotuberculosis in immunity.	31	119-132
Identification of the protective and toxic antigens of Corynebacterium		
pseudotuberculosis	33	39-48
The pathological physiology of heartwater [Cowdria (Rickettsia)		
rumirantium Cowdry, 1926].	29	25-34
Studies on the pathology of heartwater [Cowdria (Rickettsia)		445 400
ruminantium, Cowdry, 1926]. I. Neuropathological changes	33	115-138
Cordophilus		
The pathology of Cordophilus sagittus (v. Linstow, 1907) infestation in the kudu [Tragelaphus strepsiceros (Pallas, 1766)] bushbuck [Tragelaphus		
scriptus (Pallas, 1766)] and African buffalo [Syncerus caffer (Spartman,	24	127 160
1779)] in South Africa.	34	137-160

Crotalaria			
Dicrotaline. The toxic alkaloid from Crotalaria dura (Wood and Evans) and			
Crotalaria globifera (E. May)	20		61-66
A note on the alkaloid of Crotalaria damarensis	25	(4) 1	11-112
Crude fibre			
The relative digestibility of the constituents of the carbohydrate complex of grasses at successive stages of growth with reference to their partition into crude fibre and nitrogen-free extract according to the standard	- 10		CE 100
method for feeding stuff analysis.	17		65-180
Cucumis  Isolation of the toxic principles of Cucumis africanus 1.f. Cucumis  myriocarpus Naud. emend. Schweickerdt and of Cucumis leptodermis  Schweickerdt sp. nov., their characterisation as trilactones belonging to			
the "bitter principle" class	4		65-92
Cucurbita			
The toxicity of pumpkin seed (Cucurbita pepo L.)	5	16	441-444
The transmission of bluetongue and horsesickness by Culicoides	19		7-16
Dipt.)	25	(2)	3-34
Ceratopogonidae) in South Africa.	28		155-168
Cynictis pennicillata			
The occurrence of Nuttallia cynicti sp. n. in the yellow mongoose Cynictis pennicillata	10		37-40
Cynodon	100		
The hydrocyanic acid content of Cynodon plectostachyum Pilger (Giant			
star grass) and its suitability as a pasture grass	17		191-200
Studies on the origin of sulphur in wool. II. A cuprous mercaptide method			
for the determination of cystine or cysteine.	4	1.0	453-462
Cysticercosis			
Cysticercosis in swine and bovines with special reference to South African			
conditions	9		337-572
Studies on the origin of the sulphur in wool. I. A study of the Sullivan			
technique for cystine.	2	13	361-368
Further observations on the cystine deficiency of lucerne proteins and the			
effect of heat and incubation upon their growth-promoting value	4	10	437-452
Studies on the origin of sulphur in wool. II. A cuprous mercaptide method	4		152 162
for the determination of cystine or cysteine	4	- 59	453-462
growth of rats.	12		369-378
The cystine content of Merino wool in relation to its physical attributes	13		237-242
The origin of sulphur in wool. III. An improved cuprous mercaptide method for the determination of cystine in material low in cystine	14		461-468
A study on the possibility of cystine synthesis in the rumen of sheep together with the effect of cystine supplementation on the nitrogen			
utilization in young stock.	16		181-190

Cytauxzoon		
Cytauxzoon sylvicapra gen. nov., spec. nov., a protozoon responsible for a hitherto undescribed disease in the duiker (Sylvicapra grimmi Linné).	23	63-76
Theileriosis, gonderioses and cytauxzoonoses. A review.	27	275-430
Cytology		A.1-21-37
A contribution to the cytology, of the spleen: the Romanovsky-stained		
bovine spleen smear.	25	(2) 79-142
Cytoplasmic droplet		
The significance of the cytoplasmic droplet in the disintegration of semen		1027020
in Guernsey bulls.	33	169-184
Dairying		
Rearing dairy calves.	4	495-540
Damaliscus albifrons The transmission of Entrophasta theileri to a blocknet (Damaliscus		
The transmission of Spirochaeta theileri to a blesbuck (Damaliscus albifrons).	5	7-8
The blesbuck (Damaliscus albifrons) and the black wildebeest	3	7-0
(Conochaetes gnu) as carriers of heartwater.	5	35-42
The transmission of heartwater to and from blesbuck (Damaliscus		72.15
albifrons) by means of the bont tick (Amblyomma hebraeum)	9	37-48
Ovine anaplasmosis: The transmission of Anaplasma ovis and		
Eperythrozoon ovis to the blesbuck (Damaliscus albifrons).	13	9-18
D.D.T.		
D.D.T. for the protection of sheep against blowfly strike	22	285-290
Debudding		
Anatomical studies. No. 62. On the effect of debudding on skull		407 400
conformation,	8	487-499
Deficiency diet		
Change in body weight and food consumption of rats on repeated feeding	10	201.010
of a deficiency diet	13	201-218
Bone biopsy as an aid to the study and diagnosis of deficiency diseases	8	431-442
Deglutition		151 112
Studies on the alimentary track of the Merino sheep in South Africa. I.		
Investigations into the physiology of deglutition.	1	117-134
Studies on the alimentary tract of Merino sheep in South Africa. II.		.TA 1.6T.A
Investigations on the physiology of deglutition	5	485-500
Dahydrogenase		
Contributions to the study of blood constituents in domestic animals in		
South Africa, 3. Normal values for the activity of		
glyceraldehyde-phosphate dehydrogenase and glucose-6-phosphate dehydrogenase in the erythrocytes of sheep.	33	337-342
	33	331-342
Delayed breeding  The influence of delayed breeding on the fertility of beef heifers.	24	125-354
Demyelinating diseases	24	125-554
Studies in demyelinating diseases of sheep associated with copper		
deficiency. I. "Lamkruis", a demyelinating disease of lambs occurring		
in South Africa. II. A biochemical investigation on the incidence of		
"lamkruis" in lambs in Saldanha Bay, Vredenburg and St. Helena Bay		12.07
environs. III. Experimental studies, treatment and control measures	25	(2) 35-78

Dichapetalum		
Chemical investigations of the "Gifblaar" Dichapetalum cymosum (Hook)		
Engl. I.	5	81-96
The isolation of the toxic principle "Potassium cymonate" from		9.70
"Gifblaar" Dichapetalum cymosum (Hook) Engl	18	203-206
Monofluoroacetic acid, the toxic principle of "gifblaar" Dichapetalum		
cymosum (Hook) Engl	20	67-74
Studies on the action of potassium monofluoroacetate (CH2FCOOK)		1
Dichapetalum cymosum (Hook Engl.) toxin on animals	22	77-90
Dictyocaulus filaria		
Treatment against lungworms(Dictyocaulus filaria) in sheep.	14	111-114
Dieldrin		
An evaluation of the acaricidal properties of Aldrin and Dieldrin for the		
control of sheep scab.	26	225-230
Digestibility		
The digestibility of South African feeds. I. The digestibility coefficients of		
some natural grasses.	9	165-186
The influence of frequency of cutting on yield, chemical composition,		
digestibility and nutritive value of some grass species	11	163-246
The relative digestibility of the constituents of the carbohydrate complex		
of grasses at successive stages of growth with reference to their partition		
into crude fibre and nitrogen-free extract according to the standard		
method for feeding stuff analysis	17	165-180
Digestion		
Digestibility of lucerne hay with special reference to experimental		
technique in digestion trials	24	67-86
Digestibility of lucerne hay with special reference to experimental		
technique in digestion trials (second report)	25	(4) 105-110
Dimorphotheca		
Isolation of the poisonous principle of Dimorphotheca cuneata Less	3	111-118
Note upon the isolation of the toxic principle from a species of		
Dimorphotheca, probably Dimorphotheca fructicosa	5	79-80
Dipping		
Influence of regular dipping on the Merino sheep and its fleece	1	567-580
Researches into dips and dipping. A. Lime-sulphur dips. Paper IV. Further		5 52357
studies on the colorimetric method as a rapid means of control of		
polysulphide solutions	2	231-238
Researches into dips and dipping. A. Lime-sulphur dips. Paper V. The		
minimum effective concentration of lime-sulphur dips for sheep scab		
eradication.	2	239-242
Researches into dips and dipping. A. Lime-sulphur dips. Paper VI. A survey		
of the behaviour of lime-sulphur dips under field conditions	2	243-266
Researches into dips and dipping. C. Miscellaneous. The effect of dosing		
aloes to tick-infested cattle	2	267-270
Researches into dips and dipping. D. Effect of dips on wool. Paper 1. The		
effect of arsenical dips on wool	2	271-300
The toxicity of some dipping fluids containing arsenic and sulphur	11	247-255
Diprosopus tetrophthalmos		
Anatomical studies. No. 58. Diprosopus tetrophthalmos in a bull calf.	5	347-350
CONTRACTOR OF THE PROPERTY AND		

Diptera		
Description of a new species of Hippobosca (Diptera pupipara).	7	67-68
The South African biting midges of the genus Culicoides (Ceratopogonid.		
Dipt.)	25	(2) 3-34
Culicoides gulbenkiani, a new species of Culicoides (Diptera:		
Ceratopogonidae) in South Africa.	28	155-168
A description of the first stage larva of <i>Oestrus aureoargentatus</i> Rodhain and Bequaert (1912) obtained by artificial mating (Diptera: Oestridae).	33	287-296
Distemper		
Preliminary note on the cultivation of Green's Distemperoid Virus in fertile		
hen eggs.	23	149-156
Canine distemper Immunisation with avianised virus	27	19-54
Dog		
Echinococcus in dogs from Pretoria and vicinity	3	97-110
The symptomatology and treatment of Trypanosoma congolense infection		
of canines.	4	247-250
The operation of splenectomy in horses, cattle sheep, goats, pigs, dogs and		
some S.A. antelopes. A summary of the results of 98 splenectomies	5	273-306
The influence of oophorectomy on the performance of Greyhound bitches.  The transmission of tickbite fever by the dog tick Rhipicephalus	15	281-294
sanguineus, Labr.	16	9-18
Pigment metabolism. I. The examination of the urine and blood of dogs for		1.53
bilirubin and haemoglobin,	18	289-296
The cytology of the contagious (venereal) tumour of the dog	20	97-118
Changes in the electrophoretic pattern of sera of dogs suffering from		
various diseases.	25	(4) 13-24
Zoological Survey of the Union of South Africa. Tick Survey, Part VII.		
Distribution of Haemaphysalis leachi, the yellow dog tick	26	83-92
Studies on tuberculosis in dogs, and a case of human tuberculosis		
contracted from a dog.	27	227-238
Capillaria hepatica infestation in a dog.	28	473-478
A technique for thoracic duct-portal vein anastomosis in the dog.	33	239-242
Contributions to the study of blood constituents in domestic animals in		
South Africa. 5. The dog: normal values for red cell counts,		
haemoglobin, blood sugar and blood urea nitrogen and a practical statistical method for evaluating such data.	33	353-362
Studies on Filaroides osleri infestation in dogs.	35	225-286
Domsiekte	53	223-200
Domsiekte or pregnancy disease in sheep. I. A review of the literature.	17	225-244
Domsiekte or pregnancy disease in sheep. II	17	245-296
Domsiekte or pregnancy disease in sheep, III.	18	263-278
Domsiekte or pregnancy disease in sheep. IV. The effect of obesity on the		-3334
reaction of sheep to a sudden reduction in diet.	18	279-288
Chemical blood studies, IX. The fractional determination of the acetone		200
bodies in blood and urine of sheep suffering from domsiekte	18	311-320
Pathological studies on neoplasms of dogs in South Africa	29	35-54
Donkey		
Anatomical studies. No. 64. Anomalous course of the left phrenic nerve in		
a donkey.	14	489-490

The parasiticidal effect of aureomycin (Lederle) on Babesia equi (Laveran	26	175-182
1899) in splenectomised donkeys	20	173-102
Notes on serological tests carried out on equine species infected with		
dourine.	23	33-38
Dourine infection in young equines.	23	39-40
The demonstration and transmission of the South African strain of		
Trypanosoma equiperdum of horses	23	41-58
Transmission of the South African strain of dourine to laboratory animals.	23	59-62
Duiker		
Cytauxzoon sylvicapra gen. nov., spec. nov., a protozoon responsible for a		
hitherto undescribed disease in the duiker (Sylvicapra grimmi Linné).	23	63-76
Dyestuffs		
Studies on photosensitization of animals in South Africa. 1. The action of		
various fluorescent dyestuffs	1	459-468
Dysentery		
The isolation of Clostridium welchii, Type B from foals affected with		
dysentery	11	333-340
The beta toxin of Clostridium welchii Type B, Wilsdon, in relation to the		
production of a vaccine against lamb dysentery.	28	495-550
East Coast Fever		
Coproporphyrin excretion in East Coast fever of cattle	11	385-390
The campaign against East Coast fever in South Africa	23	19-32
Studies on the lesions and pathogenesis of East Coast fever (Theileria parva		
infection) in cattle, with special reference to the lymphoid tissue.	27	431-452
Echinococcus		
Echinococcus in dogs from Pretoria and vicinity.	3	91-110
Review of Echinococcus species in South Africa.	32	7-118
Ectoparasites		
A synoptic checklist and hostlist of the Ectoparasites found on South African mammalia, aves, and Reptilia (Supplement I)	7	69-112
Amean manunana, aves, and Repuna (Supplement 1)		05-112
Eggs		
Watery whites of eggs. Preliminary investigations	1	529-566
The enzymic activity of eggwhite. Its bearing on the problem of		
watery-whites.	5	329-346
The attenuation of bluetongue virus by serial passage through fertile eggs.	21	231-242
Preliminary note on the cultivation of Green's distemperoid virus in fertile	.22	149-156
Fowl-pox vaccination in South Africa with egg propagated fowl and	·23	149-130
pigeon-pox viruses.	25	(1) 17-30
Isolation in mice and embryonated hens eggs of a virus associated with	20	(1) 17-30
vaginitis of cattle	26	479-484
Electron microscopy		
Electron microscopic studies on lumpy skin disease virus type Neethling.	33	3-8
Observations on a strain of bluetongue virus by electron microscopy.	33	9-14
그는 사람들이 많아 살아 살아 살아서 아이를 살아왔다면 하는 것이 하면 하나 하는 것이 아니라 하는 것이 없었다. 그는 사람들이 살아		
Electron microscopic study of the formation of bluetongue virus	35	139-150

Electrophoresis			
The electrophoresis of the neurotropic virus of horsesickness and its			
neutralizing antibodies in low concentration.	16		51-68
An electrophoresis apparatus for the rapid routine analysis of sera and			
other protein solutions.	20		159-164
Comparative electrophoretic studies of bovine and human colostrum in			64.5
relation to neonatal immunity.	25	(4)	7-12
Changes in the electrophoretic pattern of sera of dogs suffering from		245	12.01
various diseases	25	(4)	13-24
South Africa. 6. Normal values for serum protein fractions in sheep as			
obtained by electrophoresis on cellulose acetate strips.	34		633-646
Elephant			117-319
A monograph of the helminth parasites of the elephant.	10		49-192
Embryology			
The embryological development of the pharyngeal region of the sheep.	30		191-250
Endotoxin			
The significance of the endotoxin and pyogenic factor of Corynebacterium			
pseudotuberculosis in immunity.	31		119-132
Endrin			
Report on the value of Isodrin and Endrin as potential protecting agents			
against blowfly strike in sheep.	26		221-224
Enteritis			
The cause of nodular enteritis in cattle.	1		63-66
Enterovirus			
The serological relationship of South African bovine enterovirus strains			
(Ecbo SA- I and II) and the growth characteristics in cell culture of the			
prototype strain (Ecbo SA-I).	34		41-52
Purification and physico-chemical characterization of Ecbo-virus Type SA-I.	34		53-64
	34		33-04
Enzootic icterus			
A preliminary report on the occurrence of selenosis in South Africa and its possible role in the actiology of tribulosis (geeldikkop), enzootic icterus			
and some other disease conditions encountered in the Karoo areas	29		111-135
Biochemical studies on geeldikkop and enzootic icterus.	35		319-576
Enzyme activity			
Contributions to the study of blood constituents in domestic animals in			
South Africa, 2. Normal values for the activity of some enzymes of the			
Embden-Meyerhof pathway and tricarboxylic acid cycle occurring in			
the plasma of sheep.	33		325-336
Eperythrozoon ovis			
Eperythrozoon ovis (sp. nov.) infection in sheep.	3		263-274
Eperythrozoonosis in sheep.	9		9-30
Ovine anaplasmosis: The transmission of Anaplasma ovis and			
Eperythrozoon ovis to the blesbuck (Damaliscus albifrons)	13		9-18
Eperythrozoonosis in cattle.	114		9-30
The occurrence of Eperythrozoon parrum Splitter 1950 in South African	a.e.	145	
swine.	25	(4)	5-6

Ephemeral fever Studies on bovine ephemeral fever. 1. Isolation and preliminary		
characterization of a virus from natural and experimentally produced		
cases of bovine ephemeral fever.	34	29-40
Equines		
Ovarian function, follicular oestradiol-17\beta, and luteal progesterone and		
20α-hydroxy-pregn-4-en-3-one in cycling and pregnant equines	35	301-318
Equus burchelli		
Trichonema (Cylicodontophorus) schürmanni sp. nov. from a Zebra		
(Equus burchelli Gray, 1924).	29	169-172
Erosive stomatitis		
Erosive stomatitis of cattle	15	159-174
Eructation		
Physiological studies on eructation in ruminants.	26	251-284
Fat		
Sulphur metabolism. VI. The effect of various levels of fats and proteins in		
the ration on the toxicity of elementary sulphur	11	107-112
Factors affecting quality in mutton and beef with special reference to the		
proportions of muscle, fat and bone.	12	379-550
Feeds		100.010
The influence of feed on the Merino sheep.	3	199-210
The carotene content of some South African feeds.	5	475-484 421-432
	14	199-212
Was some to see See a	16	179-212
Felis catus domesticus		
Clinostomid trematodes as aberrant parasites in the mouth of the domestic	20	137-144
cat (Felis catus domesticus)	30	137-144
Studies on the alimentary tract of Merino sheep in South Africa. VII.		
Fermentation in the forestomachs of sheep.	18	91-112
Ferrets	20	
Preliminary observations on the breeding of ferrets in South Africa.	17	297-310
Filaria sp.		
A hitherto unrecorded Filaria, Suifilaria suis n. g. n. sp., from the domestic		
pig in South Africa.	9	85-90
Filaroides sp.		
Studies on Filaroides osleri infestation in dogs.	35	225-286
Fishes		
On the metacercaria and adult of Clinostomum van der horsti sp. n., a		200
nematode parasite of fishes and herons.	5	51-60
Fistula		
Studies on the alimentary tract of Merino sheep in South Africa. IX. The		
H-ion concentration in forestomachs of fistula sheep under different	20	200 020
experimental conditions.	18	119-130
Fixation time	10	000 000
Automatic control of fixation time of histological specimens.	10	237-238
Fluorescent dyestuffs		
Studies on photosensitization of animals in South Africa. I. The action of	1	459-468
various fluorescent dyestuffs		102.100

Fluorine		
Studies in mineral metabolism. XXXVI. Fluorine metabolism in rats and bovines.	8	359-374
The significance of fluorine traces in natural waters and a proposed method		
to effect their removal.	14	335-358
A procedure for the micro determination of fluorine.	14	359-386
The influence of excess fluorine intake in the drinking water on		
reproductive efficiency in bovines.	33	185-194
Fly repellent A new fly repellent and a blowfly dressing (Preliminary report).	7	419-432
Follicular oestradiol $-17\beta$	1	419-432
Ovarian function, follicular oestradiol- $17\beta$ , and luteal progesterone and		
20a-hydroxy-pregn-4-en-3-one in cycling and pregnant equines	35	301-318
	55	301-310
Food poisoning  Salmonella bovis-morbificans (Basenau) from an outbreak of		
food-poisoning in the Cape Province.	8	351-358
Food utilization	G.	201-200
The effect of intermittent starvation on calcification, food utilization and		
tissue composition.	12	321-352
Foot-and-mouth disease		
The occurrence and identification of bluetongue in cattle- the so-called		
pseudo-foot-and-mouth disease in South Africa.	2	393-508
Multiplication of an attenuated RVII strain (Type SAT12) of		
foot-and-mouth disease virus in sheep.	33	15-24
Fowl-pox		
Fowl-pox vaccination in South Africa with egg propagated fowl and		
pigeon-pox viruses.	25 (1	) 17-30
Fowls		
Artificial insemination of birds by the intraperitoneal route (fowls).	Suppl. 1	3-213
Mortality in fowls due to Aegyptianella pullorum	1	9-14
The transmission of Aegyptianella pullorum Carpano to fowls by means of		
ticks belonging to the genus Argas	1	15-20
A new blood parasite of the fowl.	9	301-310
Conjunctivitis of the domestic fowl and an associated Rickettsia-like		460 400
organism in the conjunctival epithelium.	14	469-480
Mites, hitherto unrecorded in South Africa, collected in Natal from fowls,	22	21.75
pigeons, turkeys, guinea-fowls, wild birds and rabbits.	22	51-76
Studies on comparative neuropathology. I. Gliomas of the domestic fowl,		
their pathology with special reference to histogenesis and pathogenesis and their relationship to other diseases.	26	501-598
Studies on the histopathology and pathogenesis of Newcastle disease of	20	301-370
fowls in South Africa with special reference to the lymphoid tissue (a		
preliminary report).	26	599-629
Frog		
The use of the South African frog (Xenopus laevis) in the study of spinal		
reflex physiology.	34	619-632
Fungus	7.7	
Fungi in relation to health in man and animal.	1	183-212
The fungus flora of stock feeds in South Africa.	34	439-450
	- T	100000

Gaigeria pachyscelis			
Preliminary note on the life history of Gaigeria pachyscelis (Raill and			
Henry, 1910), a hookworm of sheep.	3	347-350	
Anthelmintic tests, chiefly with tetrachlorethylene, for the removal of the			
hookworm, Gaigeria pachyscelis from infested sheep, with observations			
on the effects of this drug on other parasitic nematodes.	7	399-418	
Observations on the morphology and life-history of Gaigeria pachyscelis			
Raill. and Henry 1910, a hookworm parasite of sheep and goats	8	183-212	
Gallsickness			
Immunization of cattle against heartwater and the control of the			
tick-borne diseases redwater, gallsickness and heartwater	20	137-158	
Game			
Blood parasites of game in Zululand. Further report	1	411-420	
The trypanosome infection of Glossina pallidipes in the Umfolosi Game			
Reserve, Zululand.	2	7-24	
Rinderpest in game, A description of an outbreak and an attempt at			
limiting its spread by means of a bush fence.	20	7-24	
New species of sucking lice from South African game	27	55-66	
Geeldikkop			
Studies in the photosensitisation of animals in South Africa. VII. The			
nature of the photosensitising agent in geeldikkop.	3	137-160	
Studies upon the photosensitization of animals in South Africa. The			
icterogenic factor in geeldikkop. Isolation of active principles from			
Lippia rehmanni Pears	9	225-258	
Studies on the photosensitization of animals in South Africa, XII. An			
attempt to identify the icterogenic factor in geeldikkop; the reaction of			
nitrous acid on chlorophyll.	24	105-118	
A preliminary report on the occurrence of selenosis in South Africa and its			
possible role in the aetiology of tribulosis (geeldikkop), enzootic icterus			
and some other disease conditions encountered in the Karoo areas	29	111-135	
Biochemical studies on geeldikkop and enzootic icterus.	35	319-576	
Geigeria sp.			
Chemical studies upon the vermeerbos, Geigeria aspera, Harv. I. Isolation			
of a bitter principle "Geigerin"	7	485-506	
Chemical studies upon the vermeerbos, Geigeria aspera Harv. II. Isolation			
of the active principle "Vermeeric acid".	7	507-522	
Geigerin			
On the constitution of the bitter principle "geigerin". I. The isolation of			
various degradation acids.	10	395-410	
Gerbils			
Observation on Rajotaenia gerbilli Wertheim, 1954, an			
anoplocephalid cestode from gerbils.	29	21-24	
Gifblaar			
Chemical investigations of the "Gifblaar" Dichapetalum cymosum (Hook)			
Engl. I.	5	81-96	
The isolation of the toxic principle "Potassium cymonate" from			
"Gifblaar" Dichapetalum cymosum (Hook) Engl.	18	203-206	
Monofluoroacetic acid, the toxic principle of "gifblaar", Dichapetalum	25.	45036	
cymosum (Hook) Engl.	20	67-74	

## Glioma

Studies in comparative neuropathology. I. Gliomas of the domestic fowl: their pathology with special reference to histogenesis and pathogenesis; and their relationship to other diseases.	26	501-598
Glossina	20	301-370
The trypanosome infection of Glossina pallidipes in the Umfolozi Game		T 04
Reserve, Zululand.	2	7-24 101-114
The vegetable diet theory of Glossina pallidipes	2	
The approximate distribution of the genus Glossina.	9	101-106
The influence of the tsetse fly eradication campaign on the breeding	0.0	200.200
activity of Glossinae and their parasites in Zululand	26	389-398
Glucoside		
The occurrence of cyanogenetic glucosides in South African species of		
Acacia. II. Determination of the chemical constitution of acacipetalin,		
its isolation from Acacia stolonifera, Burch	5	445-466
Goat		
Anatomical studies. No. 38. On a urethral diverticulum in a kid	1	633-636
A rickettsia-like organism and an unknown intracellular organism of the		
conjunctival epithelium of goats.	4	389-398
The operation of splenectomy in horses, cattle, sheep, goats, pigs, dogs and		
some S.A. antelopes. A summary of the results of 98 spienectomies	5	273-306
Observations on the morphology and life-history of Gaigeria pachyscelis		
Raill. and Henry 1910, a hookworm parasite of sheep and goats	8	183-212
Immunization against rinderpest with special reference to the use of dried		
goat spleen.	11	263-332
Observations on the life history of Bunostomum trigonocephalum, a		
hookworm of sheep and goats.	12	305-320
Rinderpest in buffaloes. The immunizing value of dried goat spleen		
vaccine.	15	175-186
Experimental osteodystrophic diseases in goats.	15	299-312
A note on the results of an attempt to fertilize Native goat-ewes with sheep		3
rams.	17	115-122
Investigation into the cause of abortion in Angora goats in South Africa	30	23-84
Chemical studies on blood and tissues from Angora goats carrying to		
normal term and from habitually-aborting animals.	30	169-178
The urinary excretion of 5β-pregnane-3a: 20a-diol and gestational failure in		
Angora goats.	30	179-190
Ovum production: Action of various gonadotrophins in sheep and goats	31	97-106
Contributions to the study of blood constituents in domestic animals in		10 757
South Africa. 4. Normal values for haemoglobin and plasma calcium,		
inorganic phosphate, magnesium, iron and copper in the blood of		
Angora goats in the Cape Midlands.	33	343-352
The haematology of the Angora goat with special reference to the habitual		0.000
aborter, 1. The pregnant doe.	33	363-378
Goitre	00	202-210
Studies in mineral metabolism. XXIX. The iodine content of foodstuffs in		
relation to the occurrence of endemic goitre in the Langkloof Valley	2	131-138
Gonadotrophins	2	101-100
Ovum production. Action of various gonadotrophins in sheep and goats	31	97-106

Gonderioses			
Theileriosis, gonderioses and cytauxzoonoses. A review	27	275-430	
Chemical investigation of Pachystigma pygmaeum Schlechter			
(Gousiektebossie)	25	(4) 113-122	
The occurrence of Grahamella couchi sp. n. in the multimammate mouse			
(Mastomys coucha) in South Africa.	10	29-32	
Gramineae			
Comparative study of the content of starch and sugars of Tribulus			
terrestris, lucerne, some gramineae and Pentzia incana under different			
meteorological, edaphic and physiological conditions	25	(3) 45-92	
Studies in mineral metabolism, XXVII, Modifications of the methods used			
at Onderstepoort for the determination of (a) magnesium and calcium			
(b) potassium in grass extracts.	2	115-122	
Studies in mineral metabolism, XXX, Variations in the iodine content of	4	113-122	
grasses at different stages of growth and a note on the iodine content of			
milk,	2	139-152	
Hydrocyanic acid in grasses	5	97-138	
The digestibility of South African feeds. I. The digestibility coefficients of	3	77-130	
some natural grasses.	9	165-186	
The influence of frequency of cutting on yield, chemical composition,	,	103-100	
digestibility and nutritive value of some grass species.	11	163-246	
The relative digestibility of the constituents of the carbohydrate complex	**	100 210	
of grasses at successive stages of growth with reference to their partition			
into crude fibre and nitrogen-free extract according to the standard			
method for feeding stuff analysis.	17	165-180	
The hydrocyanic acid content of Cynodon plectostachyum Pilger (Giant	.,	100 100	
star grass) and its suitability as a pasture grass.	17	191-200	
Grass hay as a maintenance ration for sheep during winter.	18	191-196	
Studies on the alimentary track of the Merino sheep in South Africa.			
XXIII. The effect of supplementing poor quality grass hay with			
mollasses and nitrogenous salts.	25	(1) 93-104	
Grazing		***	
A study of the mineral content and feeding value of natural pastures in the			
Union of South Africa.	14	123-328	
The dry matter consumption of sheep on natural grazing in the Transvaal.	14	403-414	
The utilization by sheep of the proteins contained in the natural grazing			
during different seasons of the year.	14	415-420	
Supplementation of winter grazing in the Transvaal with special reference		345345	
to the maintenance protein requirements of sheep	15	187-196	
Guinea-fowl			
Mites, hitherto unrecorded in South Africa, collected in Natal from fowls,			
pigeons, turkeys, guinea-fowls, wild birds and rabbits	22	51-76	
Observations on cestode parasites of guinea-fowl from Southern Africa	30	95-118	
Guinea-pigs			
The effects of different carbon dioxide concentrations on the growth of			
virulent anthrax strains. Pathogenicity and immunity tests on			
guinea-pigs and sheep with anthrax variants derived from virulent	2	40.00	
strains.	9	49-70	

The tuberculin test in guinea-pigs and cattle. The allergic response of animals to tuberculin and to extracts of non-pathogenic acid-fast		
bacteria	19	29-70
anthrax	23	157-164
guinea-pigs.  Preliminary observations on the value of the guinea-pig in determining the innocuity and antigenicity of neurotropic attenuated horsesickness	23	165-170
strains	30	11-22
On Habronema murrayi (sp. n.), from the barn owl Tyto alba.	3	351-358
Haemaphysatis		
Ticks in the South African Zoological Survey collection. Part V. Three		
African haemaphysalids parasitic on domestic stock Zoological survey of the Union of South Africa. Tick Survey, Part VII.	20	191-208
Distribution of Haemaphysalis leachi, the yellow dog tick	26	83-92
Haematology		
The haematology of the Angora goat with special reference to the habitual aborter. 1. The pregnant doe.	33	363-378
Haemoglobin		
Chemical blood studies. VIII. A rapid spectroscopic method for (A) the quantitative determination of haemoglobin in blood and (B) its application for the quantitative estimation of haemoglobin in milk,		
urine, serum or plasma and faeces.  Pigment metabolism. I. The examination of the urine and blood of dogs for	14	451-460
bilirubin and haemoglobin.  Contributions to the study of blood constituents in domestic animals in South Africa. 4. Normal values for haemoglobin and plasma calcium, inorganic phosphate, magnesium, iron and copper in the blood of	18	289-296
Angora goats in the Cape Midlands.  Contributions to the study of blood constituents in domestic animals in South Africa. 5. The dog; normal values for red cell counts, haemoglobin, blood sugar and blood urea nitrogen and a practical	33	343-352
statistical method for evaluating such data.	33	353-362
Haemonchus krugeri  Haemonchus krugeri sp. nov. (Nematoda: Trichostrongylidae) from an impala (Aepyceros melampus).	31	53-58
Haemoproteus	31	33-30
The occurrence of some hitherto undescribed leucocytozoon and		
Haemoproteus species in South African birds.	25	(4) 3-4
Hair morphology  A study of hair morphology in the family Bovidae.	33	379-472
Hare	12	1.02
Descriptions of new species of <i>Anoplura</i> parasitic on antelopes and a hare. Heartwater	2	41-48
Chemical blood studies. III. Comparative studies on "laked" and "unlaked" blood filtrates of sheep in health and during heartwater		are to
(Rickettsia ruminantium infection) and bluetongue (catarrhal fever).	1	285-334

Heartwater in sheep. The Weil-Felix reaction and an investigation into the bacterial content of the blood with particular reference to the use of		
K-medium.  The blesbuck (Damaliscus albifrons) and the black wildebeest	3	7-22
(Conochaetes gnu) as carriers of heartwater	5	35-42
albifrons) by means of the bont tick (Amblyomma hebraeum)	9	37-48
The immunity in heartwater.	13	245-286
The susceptibility of the springbuck (Antidorcas marsupialis) to		
heartwater	20	25-28
Immunization of cattle against heartwater and the control of the		
tick-borne diseases, redwater, gallsickness and heartwater	20	137-158
Studies on immunity in heartwater.	21	243-252
Aureomycin in the treatment of heartwater.	25	(4) 41-50
The pathological physiology of heartwater [Cowdria (Rickettsia)		
ruminantium Cowdry, 1926].	29	25-34
Studies on the pathology of heartwater [Cowdria (Rickettsia)		448.486
ruminantium, Cowdry, 1926]. I. Neuropathological changes.	33	115-138
Helminth Ozolaimus megatyphlon (Rud 1819), a little known helminth from Iguana		
tuberculata	1	93-96
On some helminths from the "Nylghiae" - Boselaphus tragocamelus (Pall)	1	93-90
with observations on the parasitic larval stages of the stomach worm		
(Ashworthius martinaglia sp. n.).	5	43-50
South African Helminths. Part I.	9	311-336
A monograph of the helminth parasites of the elephant	10	49-192
South African helminths. Part II. Some taenias from wild carnivores	10	253-280
South African helminths. Part III Some mammalian and avian cestodes.	11	23-50
South African helminths. Part IV Cestodes from Columbiformes	11	51-62
South African helminths. Part V Some avian and mammalian helminths.	11	63-106
Some helminths of South African lizards	12	21-74
South African helminths. VI. Some helminths chiefly from rodents	12	75-102
South African helminths. VII. Miscellaneous helminths chiefly cestodes	14	97-110
Marshallagia marshalli (Ransom, 1907) Orloff, 1933, and a new species of	2.	
this genus from sheep in South Africa	14	115-122
Observations on helminths parasitic in warthogs and bushpigs	31	11-38
Some helminths recovered from red and yellow-billed hornbills from the		2000
Kruger National Park.	31	39-52
The pathological physiology of helminth infestations.	32	147-152
The pathological physiology of helminth infestations. II.	22	120.150
Oesophagostomum columbianum.	33	139-159
The epizootiology of helminth infestation in sheep in the south western	25	159-194
districts of the Cape.  The pathological physiology of helminth infestations. III. Trichostrongylus	35	159-194
colubriformis.	35	195-224
Hemagglutination phenomenon	50	
Thomsen's hemagglutination phenomenon; isolation of a J-like bacillus.	2	25-28
Hermaphroditism	2	20 20
Anatomical studies, No. 52. Two cases of false masculine hermaphroditism		
in cattle.	4	563-570
	7	2-2-0-17-17-1

Anatomical studies. No. 54. False masculine hermaphroditism in a pig	4.0	104 145	
(Path. No. 12926)	4	573-574	
avian hybrid,	5	351-356	
Herons			
On the metacercaria and adult of Clinostomum van der horsti sp. n. a			
nematode parasite of fishes and herons.	5	51-60	
H-ion concentration			
Studies on the alimentary tract of Merino sheep in South Africa. IX. The H-ion concentration in forestomachs of fistula sheep under different	10	119-130	
experimental conditions.	18	119-130	
Hippobosca  Description of a new species of <i>Hippobosca</i> (Diptera, Pupipara).	7	67-68	
	1	07-00	
Hippopotamus	20	*** ***	
Nilocotyle hepaticae n. sp. from Hippopotamus amphibius.  A redescription of Nilocotyle (Nilocotyle braesphinctris Näsmark, 1937)	28	551-556	
(Trematoda: Paramphistomidae) from Hippopotamus amphibius	33	73-76	
Observations on the pathology of bilharziasis and other parasitic	1,55	76.30	
infestations of Hippopotamus amphibius Linnaeus, 1758, from the			
Kruger National Park.	34	563-618	
Hookworm			
Preliminary note on the life history of Gaigeria pachyscelis (Raill. and			
Henry, 1910), a hookworm of sheep.	3	347-350	
Anthelmintic tests chiefly with tetrachlorethylene, for the removal of the			
hookworm, Gaigeria pachyscelis from infested sheep, with observations		202.745	
on the effects of this drug on other parasitic nematodes	7	399-418	
Observations on the morphology and life history of Gaigeria pachyscelis	8	183-212	
Raill. and Henry, 1910, a hookworm parasite of sheep and goats  Observations on the life history of Bunostomum trigonocephalum, a	0	103-212	
hookworm of sheep and goats.	12	305-320	
Hombills	***	505 525	
Some helminths recovered form red and yellow-billed hornbills from the			
Kruger National Park.	31	39-52	
Horses	-	3732	
The immunization of horses by the use of formalized horsesickness virus.			
Part II.	1	25-50	
The administration of anthelmintics to horses in bran	1	59-62	
Chemical blood studies. IV. Comparative studies on "laked" and			
"unlaked" blood filtrates of horses in health and during horsesickness	4	725 750	
(pestis equorum).	1	335-370	
Descriptions of new species of <i>Anoplura</i> parasitic on antelopes and a horse.  The immunization of horses and mules against horsesickness by means of	2	41-48	
the neurotropic virus of mice and guineapigs.	2	375-392	
Anatomical studies. No. 43. Two cases of missing incisor teeth in the horse.	3	239-240	
Blood groups of the horse with special reference to their significance in			
blood transfusion and in horsesickness immunization.	4	7-50	
The treatment of T. brucei infection of equines with Antimosan	4	281-284	
The intravenous administration of styrylquinoline in equine			
trypanosomiasis.	4	287-290	

Anatomical studies. No. 53 - Local thickening of the vascular system in a		
horse.	4	571-572
Anatomical studies. No. 56 – Monophthalmos in a horse.	4	577-578
The operation of splenectomy in horses, cattle, sheep, goats, pigs, dogs and		200 205
some S.A. antelopes. A summary of the results of 98 splenectomies	5	273-306
Horsesickness: Immunization of horses and mules in the field during the season 1934-35 with a description of the technique of preparation of		
polyvalent mouse neurotropic vaccine	7	17-32
Osteofibrosis in equines.	9	601-622
The isolation of Clostridium welchii Type B. from foals affected with		
dysentery	11	333-340
On the etiology of epizootic or infectious equine abortion	21	17-40
Notes on serological tests carried out on equine species infected with		
dourine.	23	33-38
Dourine infection in young equines	23	39-40
The demonstration and transmission of the South African strain of		
Trypanosoma equiperdum of horses	23	41-58
Transmission of the South African strain of dourine to laboratory animals.	23	59-62
The oestrous cycle of the mare when maintained under stabled conditions		
with restricted exercise at Onderstepoort	25	(1) 105-120
The isolation of virus in mice from cases of horsesickness in immunized	7.7	4-2
horses.	26	183-196
Infertility in mares caused by ovarian dysfunction.	26	285-313
Zoological survey of the Union of South Africa. Tick Survey: Part X	20	200 010
Distribution of Margaropus winthemi, the winter horse tick	27	599-604
	21	333-004
Observations on the occurrence of African horsesickness amongst	20	2.10
immunized horses.	30	3-10
Persistence and parthenogenetic cleavage of tubal ova in the mare.	33	195-231
Horsesickness		
The immunization of mules with formalized horsesickness virus. II	1	21-24
The immunization of horses by the use of formalized horsesickness virus.		
II	1	25-50
Chemical blood studies. IV. Comparative studies on "laked" and		
"unlaked" blood filtrates of horses in health and during horsesickness		
(pestis equorum).	1	335-370
The immunization of horses and mules against horsesickness by means of	•	220 210
the neurotropic virus of mice and guinea pigs.	2	375-392
Results of a mosquito survey at Onderstepoort during the summer 1931/32	2	313-372
in connection with the transmission of horsesickness.	3	43-78
Investigations into the transmission of horsesickness at Onderstepoort	3	43-76
		275 224
during the season 1931-32.	3	275-334
Blood groups of the horse with special reference to their significance in		
blood transfusion and in horsesickness immunization.	4	7-50
Studies on the neurotropic virus of horsesickness, I, - Neurotropic	100	
fixation.	4	291-322
Studies on the neurotropic virus of horsesickness. II. Some physical and		
chemical properties.	4	323-348
Studies on the neurotropic virus of horsesickness. III The intracerebral		
protection test and its application to the study of immunity.	4	349-378

Studies on the neurotropic virus of horsesickness, IV The pathogenesis		
in horses.	4	379-388
Studies on the neurotropic virus of horsesickness. V The antigenic		autula
response of horses to simultaneous trivalent immunization	7	11-16
Horsesickness: Immunization of horses and mules in the field during the		
season 1934-35, with a description of the technique of pre-	n	17.22
paration of Polyvalent Mouse Neurotropic Vaccine	7	17-32
during the season 1932-33.	8	213-270
Studies on the neurotropic virus of horsesickness. VI. Propagation in the	0	213-210
developing chick embryo.	11	9-22
Studies on the neurotropic virus of horsesickness. Transmitted immunity.	16	19-32
The particle size of African horsesickness virus as determined by	7.7	****
ultra-filtration and ultra-centrifugation.	16	33-50
The electrophoresis of the neurotropic virus of horsesickness and its		
neutralizing antibodies in low concentration.	16	51-68
The transmission of bluetongue and horsesickness by Culicoides	19	7-16
The diffusion constant and molecular weight and shape of neurotropic		
horsesickness virus.	22	41-50
The 1944 epizootic of horsesickness in the Middle East	23	77-92
The isolation of virus in mice from cases of horsesickness in immunized		
horses.	26	183-196
The stability of neurotropic African horsesickness virus in solutions of		
different chemical compositions	26	197-206
Complement fixation with horsesickness viruses.	27	165-170
Immunological types of horsesickness virus and their significance in	20	465 500
immunization.	27	465-538
The isolation and identification of further antigenic types of African horsesickness virus.	20	139-150
Observations on the occurrence of African horsesickness amongst	29	139-130
immunized horses.	30	3-10
Preliminary observations on the value of the guineapig in determining the	50	5-10
innocuity and antigenicity of neurotropic attenuated horsesickness		
strains.	30	11-22
ost-parasite relationship	77	
Host-parasite relationships of Paramphistomum microbothrium Fischoeder,		
1901, in experimentally infested ruminants, with particular reference to		
sheep.	34	451-540
		102070
Ottentots Animal husbandry of the Hottentots.	9	631-666
	3	031-000
uman		
Poisoning of human beings by weeds contained in cereals (bread	4	210.260
poisoning)	1	219-268
ump		
Anatomical studies, No. 60. Some comments on the hump of African		AUDI LUIG
cattle.	5	621-644
lunterellus		
A new African tick parasite, Hunterellus theilerge sp. n.	26	61-64
Figure 5 and the state of the s		01 01

Hyalomma  Zoological Survey of the Union of South Africa Tiels Survey Boot IV. The		
Zoological survey of the Union of South Africa. Tick Survey. Part IX. The distribution of the three South African Hyalommas or bontpoots.  Hydatidosis	27	239-269
The incidence of hydatidosis in the Republic of South Africa.  Hydrocyanic acid	33	49-71
Hydrocyanic acid in grasses.	5	97-138
Hymenolepididae		
Pseudandrya mkuzii sp. nov. (Cestoda: Hymenolepididae) from Ichneumia albicauda.	30	127-132
albicauda	30	121-132
Studies on photosensitization of animals in South Africa. III. The		
photodynamic action of Hypericum ethiopicum var glaucescens Sond.		
and Hypericum leucoptychodes (Syn. H. lanceolatum) Lam	1	491-496
Anatomical studies, No. 51. Hypermastia and hyperthelia in cattle.	4	559-562
Hyperthelia		
Anatomical studies. No. 51. Hypermastia and hyperthelia in cattle	4	559-562
Ichneumia		
Pseudandrya mkuzii sp. nov. (Cestoda: Hymenolepididae) from Ichneumia		
albicauda.	30	127-132
Studies upon the photosensitization of animals in South Africa. The		
icterogenic factor in geeldikkop. Isolation of active principles from		
Lippia rehmanni, Pears.	9	225-258
Studies on the photosensitization of animals in South Africa. XII. An		
attempt to identify the icterogenic factor in geeldikkop; the reaction of nitrous acid on chlorophyll.	24	105-118
Icterogenin	24	103-116
The distribution and possible translocation of icterogenin in Lippia		
rehmanni (Pears).	9	583-590
Icterus		
Biochemical studies on geeldikkop and enzootic icterus	35	319-576
Iguana tuberculata		
Ozolamus megatyphlon (Rud 1819), a little known helminth from Iguana		93-96
tuberculata.	1	93-90
Impala  Haemonchus krugeri sp. nov. (Nematoda: Trichostrongylidae) from an		
impala (Aepyceros melampus),	31	53-58
Studies on the relationship between Besnoitia of blue wildebeest and	-	
impala, and Besnoitia besnoiti of cattle	34	7-28
Indian pea	120	131.001
Lathyrus sativus, L. (Chickling Vetch, Khesari, Indian pea) as a stock feed.	1	163-172
Infertility	25	206 212
Infertility in mares caused by ovarian dysfunction.	26	285-313
Infusoria  Studies on the alimentary tract of Merino sheep in South Africa. VI. The		
role of infusoria in ruminal digestion with some remarks on ruminal		
bacteria.	17	61-88

Inkberry plant			
Chase Valley disease. Cestrum laevigatum Schlecht (inkberry plant), its toxic effects on ruminants.	2		667-680
Insecticides			
The new synthetic insecticides as dressings for blowfly strike in sheep The lethal effect of some insecticides on the B.H.Cresistant blue tick,	25	(4)	53-64
Boophilus decoloratus Koch,	25	(4)	65-68
organic insecticides	26		65-82
against blowfly strike in sheep.  An evaluation of the acaricidal properties of Aldrin and Dieldrin for the	26		221-224
The protection of sheep against blowfly strike. III The effect of	26		225-230
different formulations of gamma benzene hexachloride (B.H.C.)	26		409-426
The effect of Lindane vapour on stored product insects	26		431-446
organic phosphorus compounds	27		77-82
protection of certain insecticides under field conditions	27		549-582
A simple insect cage-olfactometer.	18		7-12
A new African lousefly, Raymondia hardyi sp. n. (Streblidae, Pupipara).	26		427-430
The effect of Lindane vapour on stored product insects	26		431-446
A Rickettsia-like organism and an unknown intracellular organism of the conjunctival epithelium of goats.	4		389-398
	**		303-330
Intermittent starvation			
The effect of intermittent starvation on calcification, food utilization and tissue composition.	12		321-352
Intersexes			
Cytogenetic investigations on normal and malformed animals, with special reference to intersexes.	34		219-300
lodine			
Studies in mineral metabolism, XXVIII. Methods for the			
micro-determination of iodine in biological material Studies in mineral metabolism. XXIX. The iodine content of foodstuffs in	2		123-130
relation to the occurrence of endemic goitre in the Langkloof Valley  Studies in mineral metabolism, XXX. Variations in the iodine content of grasses at different stages of growth and a note on the iodine content of	2		131-138
milk,	2		139-152
(2nd Report)	5		189-200
of sheep.	7		523-534
Iodine in the nutrition of sheep (final report).	14		329-334
Iron			
Notes on the thiocyanate iron reaction. A modified procedure for the quantitative determination of iron in biological materials.	21		305-316

Contributions to the study of blood constituents in domestic animals in South Africa. 4. Normal values for haemoglobin and plasma calcium, inorganic phosphate, magnesium, iron and copper in the blood of Angora goats in the Cape Midlands.	33	343-352
Isodrin	33	343-332
Report on the value of Isodrin and Endrin as potential protecting agents		
against blowfly strike in sheep.	26	221-224
Ixodidae	20	22, 22,
Description of a tick Rhipicephalus glabroscutatum sp. nov. (Ixodidae),		
from Karoo areas of the Union of South Africa.	16	115-120
Ticks in the South African Zoological Survey Collection. Part I. Ixodes	10	110 120
alluaudi Neumann 1913, a primitive tick parasitic on shrews.	17	51-60
Zoological Survey of the Union of South Africa, Part 6. Tick Survey.		
Distribution of the the Ixodids, I. pilosus and I. rubicundus	24	37-52
J-like bacillus		
Thomsen's hemagglutination phenomenon; isolation of a J-like bacillus.	2	25-28
Joyeuxia	-	
Joyeuxia fuhrmanni Baer, 1924, a hitherto unrecorded cestode parasite of		
the domestic cat in South Africa.	1	97-98
Keratosis		71-70
	1	631-632
Keratosis of the skin in cattle.	1	031-032
Ketones		
Alterations in the bloodsugar and Ketone levels caused by dosing acetate,	27	101-109
propionate and butyrate into the rumen of the sheep.	27	101-109
Ovine ketosis. VI. The effect of starvation on the blood levels of ketones and glucose in pregnant ewes from the Karoo and the Highveld regions		
THE RESERVED AND THE COMPANY OF THE PROPERTY O	33	305-314
of South Africa.	33	303-314
Ketosis	28	EE7 EC0
Ovine Ketosis, I. The normal Ketone body values	20	557-568
그리는 그래, 얼마나 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은 아이들은	29	107-110
of well-fed ewes.  Ovine Ketosis. III. The effect of starvation on the blood sugar and Ketone	23	107-110
body levels of wethers.	29	259-268
Ovine Ketosis. IV. The effect of alloxan on the Ketone body and blood	27	237-200
sugar levels of Merino wethers,	30	161-168
Ovine Ketosis, V. Ketone body and blood glucose levels of Merino ewes	30	101-100
during the preclinical, clinical and post-clinical stages of pregnancy		
disease.	33	161-168
Ovine Ketosis. VI. The effect of starvation on the blood levels of Ketones	-	101 100
and glucose in pregnant ewes from the Karoo and the Highveld regions		
of South Africa.	33	305-314
Khesari	22.	= A207/m=1
Lathyrus sativus, L. (chickling vetch, Khesari, Indian pea) as a stock feed.	1	163-172
Kougoed		
Notes upon the isolation of the alkaloidal constituent of the berg		
"Channa" or "Kougoed" (Mesembryanthemum anatomicum and M.		
tortuosum).	9	187-192
Kudu		
A note on strains of tuberculosis from the Cape Kudu.	19	23-28

The pathology of Cordophilus sagittus (v. Linstow, 1907) infestation in the Kudu [Tragelaphus strepsiceros (Pallas, 1766)] bushbuck [Tragelaphus scriptus (Pallas, 1766)] and African buffalo [Syncerus caffer			
(Sparman, 1779) ] in South Africa.	34	137-160	
Laboratory animals		200 202	
The immunization of laboratory animals against anthrax	13	313-320	
The Onderstepoort small animal colony	26	149-172	
The influence of pregnancy and lactation on Merino wool production.  Lamb dysentery	4	551-558	
The liquefaction of inspissated serum by the "lamb dysentery bacillus".  The bloedpens strain of Cl. welchil type B, Wilsdon (the lamb dysentery	2	33-40	
bacillus).  The production of immunity against CL welchii type B, Wilsdon (the lamb	5	363-390	
dysentery bacillus)	5	391-418	
The beta toxin of Clostridium welchii type B, Wilsdon, in relation to the		2120122	
production of a vaccine against lamb dysentery.	28	495-550	
Lamkruis	20	473-330	
Studies in demyelinating diseases of sheep associated with copper deficiency. I. "Lamkruis," a demyelinating disease of lambs occurring			
in South Africa. II. A biochemical investigation on the incidence of "Lamkruis" in lambs in the Saldanha Bay, Vredenburg, and St. Helena			
Bay environs. III. Experimental studies, treatment and control	- 22	Add again	
measures.	25	(2) 35-78	
Lantanin, the active principle of Lantana camara L. Part I, Isolation and			
preliminary results on the determination of its constitution Lantadene A. The active principle of Lantana camara L. Part III, Pyrolytic	18	197-202	
distillation of lantadene A	22	321-328	
Lantadene A. The active principle of Lantana camara L. Part IV.  Dehydrogenation of lantadene A and lantadene B	22	329-334	
Lantadene A. The active principle of Lantana camara L. Part II. Isolation of lantadene B and the oxygen functions of lantadene A and lantadene			
B	23	233-238	
Lathyrus sativus, L. (chickling vetch, Khesari, Indian pea) as a stock food.	1	163-172	
Leucocytozoon			
The occurrence of some hitherto undescribed Leucocytozoon and			
Haemoproteus species in South African birds	25	(4) 3-4	
Lice			
New species of sucking lice from South African game	27	55-66	
doubtful Linognathus species	27	583-598	
Lime-sulphur dips			
Researches into dips and dipping. A. Lime-sulphur dips. Paper IV, Further studies on the colorimetric method as a rapid means of control of			
polysulphide solutions.	2	231-238	
Researches into dips and dipping. A. Lime-sulphur dips, Paper V. The minimum effective concentration of lime-sulphur dips for sheep scab			
eradication.	2	239-242	
	-	207 272	

Researches into dips and dipping. A. Lime-sulphur dips. Paper VI. A survey		510 200
of the behaviour of lime-sulphur dips under field conditions	2	243-266
Lindane	20	404 446
The effect of lindane vapour on stored product insects	26	431-446
Linognathus November of Linography and Balantas (Anathra)		50.66
New species of Linognathus and Polyplax (Anoplura).	7	59-66
Studies on sucking lice of African mammals. Part 1. Revision of certain doubtful Linognathus species.	27	583-598
Lippia rehmanni	21	303-370
Studies on the photosensitization of animals in South Africa. V. The		
toxicity of Lippia rehmanni (Pears) and Lippia pretoriensis (Pears)	1	501-504
Studies upon the photosensitization of animals in South Africa. The	-	002.007
icterogenic factor in geeldikkop. Isolation of active principles from		
Lippia rehmanni Pears	9	225-258
The distribution and possible translocation of icterogenin in Lippia		
rehmanni (Pears)	9	583-590
Lizard		
A new piroplasm (Sauroplasma thomasi n.g., n. sp.) of a lizard (Zonurus		
giganteus, Smith).	9	289-300
Some helminths of South African lizards.	12	21-74
Lolium temulentum		
A short summary on our botanical knowledge of Lolium temulentum L	1	213-218
Lopholaena		
Studies on the photosensitization of animals in South Africa. IV. The		
toxicity of Lopholaena coriifolia (Harv.) Philtr. & C.A. Sm. (=L. randii		
sp. Moore).	1	497-500
Lotononis		
Chemical investigations upon Lotononis laxa E. & Z.I. The isolation of		
pinitol, a fatty ester and benzaldehyde.	13	229-236
Louping ill		
The transmission of louping ill by ticks (Rhipicephalus appendiculatus)	5	15-34
Lousefly		
A new African lousefly, Raymondia hardyi sp. n. (Streblidae, Pupipara)	26	427-430
Lucerne		
The effect of barley, millet ('nYati-Pennisetum sp.) and lucerne meal in		
bacon production.	1	595-600
Plant proteins. V. The biological value of lucerne and lucerne	1,6	
supplemented by cystine in sheep.	11	399-406
The effect of supplementing lucerne with cystine and methionine on the	10	200 220
growth of rats.	12	369-378
A study on the possibility of cystine synthesis in the rumen of sheep together with the effect of cystine supplementation on the nitrogen		
utilization of lucerne in young stock,	16	181-190
The nutritive value of South African feeding stuffs, II. Digestible nutrients	10	101-170
and metabolizable energy of lucerne hay at different planes of intake		
for sheep.	20	85-96
The carbohydrate content of luceme under different meteorological and		30.40
physiological conditions.	22	373-414

The nutritive value of South African feeding stuffs. III. Digestive nutrients			
and metabolizable energy content of a mixture (1:1) of lucerne hay and			
yellow maize at different planes of intake for sheep	24		57-66
technique in digestion trials	24		67-86
terrestris, lucerne, some gramineae and Pentzia incana under different meteorological, edaphic and physiological conditions.	25	(3)	45-92
Digestibility of lucerne hay with special reference to experimental			
technique in digestion trials	25	(4)	105-110
The histology of the cytopathogenic changes produced in monolayer			
epithelial cultures by viruses associated with lumpy skin disease	28		245-256
Electron microscopic studies on lumpy skin disease virus, type Neethling.	33		3-8
Lumpy wool			
Further notes on lumpy wool in South Africa Lungworms	3		211-216
Treatment against lungworms (Dictyocaulus filaria) in sheep	14		111-114
Lungworms from South African antelopes.	29		173-182
Luteal progesterone			
Ovarian function, follicular oestradiol-17 $\beta$ ' and luteal progesterone and			
20α-hydroxy-pregn-4-en-3-one in cycling and pregnant equines,	35		301-318
Lysine			
The biological value of the proteins of maize supplemented with lysine and			
tryptophane	15		197-204
Magnesium			
Studies in mineral metabolism. XXVIIa. Modifications of the methods used at Onderstepoort for the determination of (a) magnesium and calcium,			
(b) potassium in grass extracts	2		115-122
Contributions to the study of blood constituents in domestic animals in			
South Africa. 4. Normal values for haemoglobin and plasma calcium,			
inorganic phosphate, magnesium, iron and copper in the blood of			
Angora goats in the Cape Midlands	33		343-352
Maize			
The biological value of the proteins of maize supplemented with lysine and			
tryptophane	15		197-204
The influence of varying maize supplements on the digestibility of the			
cellulose in a poor veld hay in relation to the bacterial population of			
the rumen of sheep with a note on the nitrogen metabolism	18		177-190
The nutritive value of mixed proteins. The biological value of the proteins			
of a mixture of yellow maize seed and grape seeds, and a mixture of			
yellow maize seed and camelthorn pods (Acacia giraffae)	20		213-222
The biological values of the proteins of some South African (whole seed)			
maize varieties.	21		57-78
The supplementary effect between the proteins of a heat-treated soybean			
meal ("Soma meal") and a South African strain of yellow maize seed	2.5		Section 2.
(Eksteen).	21		301-304
The nutritive value of South African feeding stuffs. III. Digestive nutrients			
and metabolizable energy content of a mixture (1:1) of lucerne hay and	24		57.00
yellow maize at different planes of intake for sheep.	24		57-66

The influence of enrichment of maize meal on the growth of rats	26	235-240
Makalanga cattle		
Studies in Native Animal Husbandry. 7. Makalanga cattle, a representative described.	1	621-630
Malformations		1222.223
Cytogenetic investigations on normal and malformed animals, with special		
reference to intersexes.	34	219-300
Mallophaga		
Notes on Menoponidae (Mallophaga) with descriptions of new genera and		
species	12	121-154
Mammalia		
A synoptic checklist and hostlist of the ectoparasites found on South		60.110
African Mammalia, Aves and Reptilia (Supplement I).	7	69-112
Studies on sucking lice of African mammals, Part I. Revision of certain	27	583-598
doubtful Linognathus species	21	303-370
Waterpoisoning in man and animal together with a discussion on urinary		
calculi,	12	167-232
Tuberculosis in man, an animal health problem.	25	(3) 7-38
Studies on tuberculosis in dogs, and on a case of human tuberculosis		
contracted from a dog	27	227-238
Margaropus winthemi		
Zoological survey of the Union of South Africa. Tick survey, Part X.		
Distribution of Margaropus winthemi, the winter horse tick	27	599-604
Ticks in the South African Zoological Survey collection. Part XII. The	4.0	4.0.000
genera Boophilus Curtice, 1891 and Magaropus Karsch, 1879	34	81-108
Investigations into the cold resistance of the eggs and larvae of Boophilus		
decoloratus (Koch, 1844), Boophilus microplus (Canestrini, 1888) and	34	109-128
Margaropus winthemi Karsch, 1879	34	109-126
Marshallagia marshalli (Ransom, 1907) Orloff, 1933, and a new species of		
this genus from sheep in South Africa.	14	115-122
Mastitis	**	110 120
The diagnosis of chronic streptococcus mastitis Reaction, chlorine,		
methylene blue and Hotis tests, and microscopic examination	16	69-102
Treatment and control of chronic streptococcus mastitis in bovines; results		
obtained in two herds.	17	7-50
Mastomys coucha		
The occurrence of Grahamella couchi sp. n. in the multimammate mouse		
(Mastomys coucha) in South Africa.	10	29-32
Meat studies		
Meat studies. No. I Postnatal growth and development of muscle, as	24	220 455
exemplified by the gastrocnemius and psoas muscles of the rabbit Meat studies. No. 2. Toughness of meat	21	329-466
Menoponidae	21	467-479
Notes on Menoponidae (Mallophaga) with descriptions of new genera and		
species.	12	121-154
Merino		
Studies on the alimentary tract of the Merino sheep in South Africa. I.		
Investigations into the physiology of deglutition.	1	117-134

Control of the Contro		
A study of the duration of motility of spermatozoa in the different	1	135-148
divisions of the reproductive tract of the Merino ewe.	1	567-580
Influence of regular dipping on the Merino sheep and its fleece	1	581-594
Chemical blood studies. VI. A serial study of a 12 months period of some		301-374
organic constituents in "laked" and "unlaked" blood filtrates of		
healthy sheep (Merino) of various ages.	2	153-230
Studies in sex physiology. No. 10. The situation of the developing foetus in	-	
the Merino sheep.	2	657-666
The influence of feed on the Merino sheep.	3	199-210
The determination of fleece density in the Merino sheep.	3	217-222
Fibre fineness of South African Merino wool.	3	223-234
Anatomical studies, No. 41. Prenatal death in the Merino ewe associated	-	
with deformity of the cervix unteri.	3	235-236
Studies in sex physiology, No. 13. The changing proportions of the Merino		
lamb from the second to the fifth month of prenatal life,	4	481-494
The influence of pregnancy and lactation on Merino wool production	4	551-558
The effect of supplements of different forms of sulphur to the diet upon		
the wool of Merino sheep.	5	177-188
The seasonal influence on Merino wool production.	5	323-328
Studies on the alimentary tract of Merino sheep in South Africa. II.		
Investigations on the physiology of deglutition.	5	485-500
Studies on the alimentary tract of sheep in South Africa. III. The influence		
of bowel anastomosis on the general nutritional state of Merino sheep.	5	501-516
A freak Merino fleece.	5	517-518
Wool studies. I. The variation and interdependence of Merino fleece and	-	017 010
fibre characteristics.	5	519-530
Studies in sex physiology. No. 14. The situation of the developing foetus in		
the uterus of the live Merino sheep.	7	227-238
Studies in sex physiology. No. 15 Further observations on the body weight		
and crown-rump length of Merino foetuses	7	239-250
Studies in sex physiology. No. 16. Surface area in the foetus of the Merino		
sheep	7	251-260
Studies in sex physiology. No. 17. The extent of the gravid Merino uterus		
in relation to the vertebral column in the dorsall recumbent position and		
the weight of the gravid uterus and foetus in relation to the general		
body weight.	7	261-276
Studies on the photosensitization of animals in South Africa. IX. The bile	55	
flow of the Merino sheep under various conditions.	7	361-370
Studies in sex physiology, No. 18. On the growth of the gravid uterus in		410742
the Merino.	8	417-430
Studies in sex physiology. No. 19. The influence of age on (a) amount and (b) nature and composition of the aliantoic and amniotic fluids of the		
Merino ewe.	9	205-224
Wool studies II. The frequency distribution of Merino wool. Fibre		
thickness measurements.	9	259-282
Wool Studies. III. The uniformity of a series of fibre thickness	5	
measurements on a small sample of medium Merino wool.	10	445-468
Studies on the alimentary tract of Merino sheep in South Africa. IV.		70-06-0
Description of experimental technique.	11	341-360
A service of the first of the service of the servic		

Studies on the alimentary tract of Merino sheep in South Africa. V. The		
motility of the rumen under various conditions.	11	361-384
Methods for determining length in the Merino fleece.	12	261-272
The cystine content of Merino wool in relation to its physical attributes	13	237-242
Notes on the determination of the fibre fineness of a Merino wool staple	13	401-416
Prenatal growth in the Merino sheep.	13	417-558
Studies on the basic characteristics of South African Merino wool. I.		
Breaking strength and tensile strength.	15	313-324
Studies on the basic characteristics of South African Merino wool. II.	10	010.021
Specific gravity.	15	325-332
Studies on the basic characteristics of South African Merino wool. III.		0.00
Moisture absorption.	15	333-342
Studies on the basic characteristics of South African Merino wool. IV -	7.7	
Scaliness.	16	543-554
Studies on the alimentary tract of Merino sheep in South Africa. VI - The		
role of infusoria in ruminal digestion with some remarks on ruminal		
bacteria.	17	61-88
Studies on the photosensitization of animals in South Africa, XI The	**	01-00
reaction of the sensitized Merino skin to radiation in different regions		
of the spectrum.	17	89-104
The hydrogen-ion concentration of the vaginal secretion of the Merino		
sheep during oestrus, dioestrus, and pregnancy, with some remarks on		
its influence on sex-determination, and the influence of the vaginal	17	105-114
temperature at the time of mating on conception.  Studies on the variation within the fleece of the characteristics of South	17	103-114
African Merino wool. I. – Tensile strength.	17	311-318
Studies on Merino wool production. Plainbodied and developed Merino	11	311-310
sheep. I. The standard of production of a group of plainbodied stud		
ewes.	17	319-344
Studies on Merino wool production. Plainbodied and developed Merino		
sheep. IIFleece density tests on a group of extremely plainbodied		
Merino stud rams.	17	345-350
Studies on the alimentary tract of Merino sheep in South Africa. VII.		
Fermentation in the forestomachs of sheep.	18	91-112
- Vitalita A. Commission Commissi		
Studies on the alimentary tract of Merino sheep in South Africa. VIII. The	40	110 110
pathogenesis of acute tympanites (bloat).	18	113-118
Studies on the alimentary tract of Merino sheep in South Africa. IX. The		
H-ion concentration in the forestomachs of fistula sheep under	10	119-130
different experimental conditions	18	119-130
	10	131-138
on the digestion of some sugars in the rumen of sheep.	18	131-136
The effects of diethyl-stilboestrol and pregnant mare serum on the oestrous	18	139-148
cycle of Merino ewes	10	137-140
rôle of prussic acid in the actiology of acute bloat	20	209-212
A study of the compressibility of wool with special reference to South		207 212
African Merino wool.	21	99-226
The effect of diet and body condition on the heat regulating system of the		22 230
Merino sheep.	21	317-328
maranta and be a series of the		

Studies on the water requirements of farm animals in South Africa. I. The			
effect of intermittent watering on Merino sheep	22		335-344
Studies on the water requirements of farm animals in South Africa. II. The			
relation between water consumption, food consumption and			
atmospheric temperature as studied on Merino sheep.	22		345-356
Studies on the alimentary tract of the Merino sheep in South Africa. XVI.			
The fate of nitrate in ruminal ingesta as studied in vitro	22		357-372
Studies on the alimentary tract of Merino sheep in South Africa. XI.	-		
Digestion and synthesis of starch by ruminal bacteria	23		367-384
Studies on the alimentary tract of Merino sheep in South Africa. XII. A	-		*** ***
technique for the counting of ruminal bacteria.	23		385-388
Studies on the alimentary tract of Merino sheep in South Africa. XIV. The			
effect of some commonly used antifermentatives on the <i>in vitro</i>			
formation of gas in ruminal ingesta and its bearing on the pathogenesis of bloat.	23		389-394
Studies on the alimentary tract of Merino sheep in South Africa. XV. The	43		307-374
influence of different factors on the rate of cellulose digestion (a) in the			
rumen and (b) in ruminal ingesta as studied in vitro.	23		395-409
Studies on the alimentary tract of Merino sheep in South Africa, XVII. On	20		0,0 10,
the identity of "Schizosaccharomyces ovis". Part 1. Some yeastlike			
organisms from the rumen contents of sheep fed on a lucerne diet	24		119-124
Studies on the alimentary tract of the Merino sheep in South Africa.			997,697
XVIII. The effect of fasting on the activity of the ruminal flora of			
sheep and cattle.	25	(1)	51-58
Studies on the alimentary tract of the Merino sheep in South Africa. XIX.			
The influence of sulphanilamide on the activity of the ruminal flora of			
sheep and cattle.	25	(1)	59-66
Studies on the alimentary tract of Merino sheep in South Africa, XX. The			
failure of the rumen musculature to respond to carbamylcholine			
chloride when paralysed by potassium cyanide	25	(1)	67-72
Studies on the alimentary tract of Merino sheep in South Africa. XXI. The			
toxicity of urea to sheep under different conditions,	25	(1)	73-78
Studies on the alimentary tract of the Merino sheep in South Africa, XXII.			
The effect of the pH of the ruminal contents on ruminal motility	25	(1)	79-92
Studies on the alimentary tract of the Merino sheep in South Africa.			
XXIII. The effect of supplementing poor quality grass hay with	25	(1)	02.104
molasses and nitrogenous salts.  The influence of nutritional level on verminosis in Merino lambs	25 25	(1)	93-104 121-132
A study of the plasma sodium and potassium levels in normal Merino	23	(1)	121-132
sheep	28		229-236
Ovine ketosis. 1. The normal ketone body values.	28		557-568
Ovine ketosis. II, The effect of pregnancy on the blood ketone body levels	-		221000
of well-fed ewes.	29		107-110
Ovine ketosis. III. The effect of starvation on the blood sugar and			*0, *10
ketone body levels of wethers.	29		259-268
Ovine ketosis. IV. The effect of alloxan on the ketone body and blood			
sugar levels of Merino wethers.	30		161-168
Ovine ketosis. V. Ketone body and blood glucose levels of Merino ewes			
during the preclinical, clinical and post-clinical stages of pregnancy			
disease.	33		161-168

Mesembryanthemum			
Notes upon the isolation of the alkaloidal constituent of the berg			
"Channa" or "Kougoed" Mesembryanthemum anatomicum and M.			
tortuosum	9		187-192
Methionine			
The effect of supplementing lucerne with cystine and methionine on the	12		369-378
growth of rats	12		303"370
A laboratory scale apparatus for the continuous culture of micro-organisms			
with automatic pH control	28		39-46
Midges			
The South African biting midges of the genus Culicoides (Ceratopogonid.,			
Dipt)	25	(2)	3-34
Studies in mineral metabolism, XXX, Variations in the jodine content of			
grasses at different stages of growth and a note on the iodine content of			
milk.	2		139-152
The influence of rations low in certain minerals on the composition of the	-		137-132
blood and milk of cows and on the blood of their progeny.	4		93-166
The effect of type of feed on the solids-not-fat content of milk	4		167-198
The secretion of abnormal milk by quarters free from known pathogens.	22		91-226
The Brucella ring test for milk of individual cows and its value for	22		71 220
determining their status of infection.	25	(1)	39-48
Millet		4-7	3- 33
The effect of barley, millet ('n Yati-Pennisetum sp.) and lucerne meal in			
bacon production.	1		595-600
Minerals			
A study of the mineral content and feeding value of natural pastures in the			
Union of South Africa, Second Report.	2		607-648
The influence of rations low in certain minerals on the composition of the			
blood and milk of cows and on the blood of their progeny	4		93-166
A study of the mineral content and feeding value of natural pastures in the			
Union of South Africa (Third Report)	5		201-214
A study of the mineral content and feeding value of natural pastures in the			
Union of South Africa, IV. The influence of season and frequency of			
cutting on the yield, persistency and chemical composition of grass			
species,	5		215-272
Mineral metabolism			
Studies in mineral metabolism. XXVII. The effect of two different calcium			
phosphorus ratios upon the growth of calves	1		421-424
Studies in mineral metabolism, XXVIIa. Modifications of the methods used			
at Onderstpoort for the determination of (a) magnesium and calcium,			
(b) potassium in grass extracts	2		115-122
Studies in mineral metabolism. XXVIII. Methods for the			
micro-determination of iodine in biological material	2		123-130
Studies in mineral metabolism. XXIX. The iodine content of foodstuffs in			
relation to the occurrence of endemic goitre in the Langkloof Valley	2		131-138
Studies in mineral metabolism. XXX. Variations in the iodine content of			
grasses at different stages of growth and a note on the iodine content of			
milk.	2		139-152

Studies in mineral metabolism. XXXI, Minimum mineral requirements of		
cattle. Second Report.	2	565-606
Studies in mineral metabolism, XXXII. The effect of different forms of	4	220.220
sulphur in the diet upon the growth and wool production of sheep Studies in mineral metabolism. XXXIII. Iodine in the nutrition of sheep	4	229-239
(2nd report).	5	189-200
Studies in mineral metabolism. XXXIV. The effect of sulphur upon the		
weight and wool production of sheep when food intake is not limited.	7	181-188
Studies in mineral metabolism. XXXV. The role of iodine in the nutrition		101-100
of sheep.	7	523-534
Studies in mineral metabolism. XXXVI. Fluorine metabolism in rats and		
bovines.	8	359-374
Studies in mineral metabolism. XXXVII. The influence of variations in the		
dietary phosphorus and in the Ca: P ratio on the production of rickets		
in cattle.	8	375-416
Studies in mineral metabolism. XXXVIII. Calcium and phosphorus in the		
nutrition of growing pigs.	9	127-164
Mites		
Mites, hitherto unrecorded in South Africa collected in Natal from fowls,		
pigeons, turkeys, guinea-fowls, wild birds and rabbits.	22	51-76
Molasses		
Studies on the alimentary tract of Merino sheep in South Africa. XXIII.		
The effect of supplementing poor quality grass hay with molasses and	0.5	(4) 00 404
nitrogenous salts	25	(1) 93-104
The occurrencece of Nuttallia cynicti sp. n. in the yellow mongoose		
Cynictis pennicillata in South Africa.	10	37-40
Monkey	10	37-40
The occurrence of <i>Piroplasma pitheci</i> in a vervet monkey/Cercopithecus		
aethiops cloetei Roberts) in South Africa.	9	31-36
Monofluoroacetic acid		31-30
Monofluoroacetic acid, the toxic principle of "gifblaar", Dichapetalum		
cymosum (Hook) Engl.	20	67-74
Monophthalmos		400
Anatomical studies. No. 56. Monophthalmos in a horse.	4	577-578
Mosquito		
Results of a mosquito survey at Onderstepoort during the summer 1931/32		
in connection with the transmission of horsesickness	3	43-78
Handling mosquitoes for experimental purposes under South African		
conditions	3	79-96
New concepts on the epidemiological features of bovine besnoitiosis as		
determined by laboratory and field investigations (ingestion of B.		
besnoiti by mosquitoes).	35	3-138
Motility		
A study of the duration of motility of spermatozoa in the different		
divisions of the reproductive tract of the Merino ewe.	1	135-148
Studies on the alimentary tract of Merino sheep in South Africa, V. The motility of the rumen under various conditions.	4.4	261 204
motility of the rumen under various conditions	11	361-384

Mouse		
The immunization of horses and mules against horsesickness by means of		
the neurotropic virus of mice and guineapigs.	2	375-392
Horsesickness: Immunization of horses and mules in the field during the		
season 1934/35 with a description of the technique of preparation of		
polyvalent mouse neurotropic vaccine	7	17-32
The occurrence of Grahamella couchi sp. n. in the multimammate mouse		
(Mastomys coucha) in South Africa	10	29-32
The isolation of virus in mice from cases of horsesickness in immunized		
horses.	26	183-196
Mules		
The immunization of mules with formalized horsesickness virus. II	1	21-24
The immunization of horses and mules against horsesickness by means of		
the neurotropic virus of mice and guineapigs.	2	375-392
Horsesickness: Immunization of horses and mules in the field during the		
season 1934/35, with a description of the technique of preparation of		
polyvalent mouse neurotropic vaccine.	7	17-32
Anatomical studies. No. 55. A nummified bovine foetus.	4	575-576
Muscle		
Factors affecting quality in mutton and beef with special reference to the		
proportions of muscle, fat and bone.	12	379-550
Mutton		
Factors affecting quality in mutton and beef with special reference to the		
proportions of muscle, fat and bone.	12	379-550
Myiasis  Sheep blowfly research. VI. – The treatment of myiasis	18	73-84
Studies on specific oculo-vascular myiasis of domestic animals		
(uitpeuloog). I. Historical review.	29	81-88
Studies on specific oculo-vascular myiasis of domestic animals		
(uitpeuloog), II Experimental transmission.	29	203-210
Studies on specific oculo-vascular myiasis of domestic animals (uitpeuloog)		
III. Symptomatology, pathology, aetiology and epizootiology.	29	211-240
Gedoelstial myiasis in antelopes of Southern Africa.	33	77-91
Studies on specific oculo-vascular myiasis (uitpeuloog) of domestic	-	
animals. IV. Chemotherapy.	33	297-304
Nasal-fly		
A new method of treatment for sheep infested with the larvae of the sheep		
nasal-fly Oestrus ovis L. in the Union of South Africa.	27	67-76
Native animal husbandry	1	601-620
Studies in Native animal husbandry. (6). A note on Ovambo cattle		001 020
Studies in Native animal husbandry. (7). Makalanga cattle – a	1	621-630
representative described	4	541-550
	5	307-308
Studies in Native animal husbandry. 12. A Wankonde milk pail	,	207 200
Studies in Native animal husbandry. (13). A note on the three parent stocks of African cattle.	5	531-534
A contribution to the study of African Native cattle.	7	613-639
A contribution to the study of African Nauve catue.  Animal husbandry of the Hottentots.	9	631-666
Animai nusbandry of the noticinois.	,	

## Nematode

Wild Antelopes as carriers of nematode parasites of domestic ruminants.		
III. On the metacercaria and adult of Clinostomum van der horsti sp. n. a	1	77-92
nematode parasite of fishes and herons.	5	51-60
Anthelmintic tests chiefly with tetrachlorethylene, for the removal of the		
hookworm, Gaigeria pachyscelis from infested sheep, with observations		
on the effects of this drug on other parasitic nematodes	7	399-418
Some undescribed species of the nematode genus Physaloptera Rud.,		
together with a key to the sufficiently known forms.	9	71-84
A field study of some nematode parasites of bovines in a semi-arid area,		
with special reference to their biology and possible methods of prophylaxis.	28	365-464
On Trachypharynx natalensis sp. nov. and some associated genera of	20	303-404
nematodes	29	159-164
Pereiraia raphiceri sp. nov. (Nematode: Ascaropsinae) from a steenbuck	47	137 104
(Raphicerus campestris Thunberg, 1811).	30	133-136
Haemonchus krugeri sp. nov. (Nematode: Trichostrongylidae) from an		
impala (Aepyceros melampus)	31	53-58
The epizootiology of nematode parasites of sheep in the Karoo	31	133-142
The epizootiology of nematode parasites of sheep in the Coastal Area of		
the Eastern Province.	31	143-150
The epizootiology of nematode parasites of sheep in the Border area.	31	151-162
Improved methods for the recovery of parasitic nematodes at autopsy.	34	547-562
An anthelmintic test for larval stages of sheep nematodes	35	287-298
Neoplasms		
The incidence and pathology of tumours of domesticated animals in South		
Africa. A study of the Onderstepoort collection of neoplasms with	_	- 460
special reference to their histopathology.	6	3-460
Pathologial studies on neoplasms of dogs in South Africa	29	35-54
Neostigmine		
Studies on the comparative actions of carbamyl choline, physostigmine and	06	405 500
neostigmine in different species of domestic animals.	26	485-500
Neuropathology		2.
Studies in comparative neuropathology. I. Gliomas of the domestic fowl:		
their pathology with special reference to histogenesis and pathogenesis: and their relationship to other diseases.	26	501-598
	26	201-230
Neurotropic virus  Studies on the neurotropic virus of horsesickness. I. Neurotropic fixation.	4	291-322
Studies on the neurotropic virus of horsesickness. II. Some physical and	4	291-322
chemical properties	4	323-348
Studies on the neurotropic virus of horsesickness. III. The intracerebral	•	323 340
protection test and its application to the study of immunity	4	349-378
Studies on the neurotropic virus of horsesickness. IV. The pathogenesis in		
horses.	4	379-388
Studies on the neurotropic virus of horsesickness. V. The antigenic		
response of horses to simultaneous trivalent immunization	7	11-16
Studies on the neurotropic virus of horsesickness. VI. Propagation in the		
developing chick embryo.	11	9-22

Studies on the neurotropic virus of horsesickness. Transmitted immunity.	16		19-32
The electrophoresis of the neurotropic virus of horsesickness and its neutralizing antibodies in low concentration.	16		51-68
The diffusion constant and molecular weight and shape of neurotropic horsesickness virus.	22		41-50
The stability of neurotropic African horsesickness virus in solutions of different chemical compositions.	26		197-206
Preliminary observations on the value of the guineapig in determining the innocuity and antigenicity of neurotropic attenuated horsesickness			
strains	30		11-22
Newcastle disease			
The domestic pigeon as a possible carrier of Newcastle disease Newcastle disease vaccination: the use of live virus after inactivated	25	(4)	25-28
vaccine	25	(4)	29-40
	26		599-629
preliminary report)	20		555 025
Nicotiana			
A chemical investigation of the constituents of Nicotiana glauca R. Grah.	22		301-312
(Solanaceae) (Wild tobacco)	22		301-312
Nilocotyle	00		221 256
Nilocotyle hepaticae n. sp. from Hippopotamus amphibius.	28		551-556
A redescription of Nilocotyle (Nilocotyle) braesphinctris Näsmark, 1937 (Trematoda: Paramphistomidae) from Hippopotamus amphibius	33		73-76
Nitrate			
Studies on the alimentary tract of Merino sheep in South Africa. XVI. The			
fate of nitrate in ruminal ingesta as studied in vitro	22		357-372
Nitrogen			
The endogenous nitrogen metabolism of pigs with special reference to the	16		169-180
maintenance protein requirement.  A study on the possibility of cystine synthesis in the rumen of sheep	16		103-100
together with the effect of cystine supplementation on the nitrogen	16		181-190
utilization of lucerne in young stock	10		181-190
of grasses at succesive stages of growth with reference to their partition			
into crude fibre and nitrogen-free extract according to the standard	17		165-180
method for feeding stuff analysis.	17		103-100
Contributions to the study of blood constituents in domestic animals in			
South Africa. 5. The dog: normal values for red cell counts,			
haemoglobin, blood sugar and blood urea nitrogen and a practical	33		353-362
statistical method for evaluating such data.	33		333-302
Nitrogen metabolism			
The endogenous nitrogen metabolism of sheep with special reference to the			
maintenance requirement of protein	11		131-140
The endogenous nitrogen metabolism of young sheep with reference to the			
estimation of the maintenance requirement of sheep.	13		219-228
The endogenous nitrogen metabolism of pigs with special reference to the			
maintenance protein requirement.	16		169-180

The influence of varying maize supplements on the digestibility of the cellulose in a poor veld hay in relation to the bacterial population of the rumen of sheep with a note on the nitrogen metabolism.	18	177-190
Nuclear appendages		
The chromosomes and neutrophil nuclear appendages of Hippopotamus		
amphibius Linnaeus.	32	181-185
unipritous Limitacus.	•	
Nuttallia cynicti		
The occurrence of Nuttallia cynicti sp. n. in the yellow mongoose, Cynictis		
pennicillata. · · · · · · · · · · · · · · · · · · ·	10	37-40
Nutrition		
The biological value of white fish meal as determined on growing sheep and		
_	13	361-368
rats.	13	301-306
The nutritive value of animal proteins - the biological values of fish meal,		
whale and fish meal, meat meal, meat and bone meal, crayfish, and	4.6	101 100
white fish meal.	16	191-198
The relative digestibility of the constituents of the carbohydrate complex		
of grasses at successive stages of growth with reference to their partition		
into crude fibre and nitrogen-free extract according to the standard		
method for feeding stuff analysis.	17	165-180
Depletion of substantial vitamin A-reserves in growing rats	18	149-156
Feeding vitaminized peanut butter to rats to confirm chemical assays of		
vitamin A	18	157-176
The influence of varying maize supplements on the digestibility of the		
cellulose in a poor veld hay in relation to the bacterial population of		
the rumen of sheep with a note on the nitrogen metabolism	18	177-190
Paresis in pigs in relation to nutritional deficiencies.	18	225-262
The nutritive value of the protein of a few South African soybean meals.	19	161-168
The nutritive value of South African feeding stuffs. II. Digestible nutrients		101 100
and metabolizable energy of lucerne hay at different planes of intake		
	20	85-96
for sheep.	20	63-90
The nutritive value of mixed proteins. The biological value of the proteins		
of a mixture of yellow maize seed and grape seeds, and a mixture of		
yellow maize seed and camelthorn pods (Acacia giraffae)	20	213-222
The supplementary effect between the proteins of a heat-treated soybean		2.
meal ("Soma Meal") and a South African strain of yellow maize seed		
("Eksteen"),	21	301-304
The digestibility for sheep of the cellulose in a poor veld hay as affected by		
supplements of a mixture of concentrates and green feed	23	239-260
The nutritive value of South African feeding stuffs. III. Digestive nutrients		
and metabolizable energy content of a mixture (1:1) of lucerne hay and		
yellow maize at different planes of intake for sheep	24	57-66
Defluorination of aqueous solutions of superphosphate for use in animal		
nutrition.	25	(3) 93-97
The influence of enrichment of maize meal on the growth of rats	26	235-240
· ·		
Nylghiae		
On some helminths from the Nylghiae-Boselaphus tragocamelus (Pall) with		
observations on the parasitic larval stages of the stomach worm	-	40.00
(Ashworthùis martinaglia sp. n.)	5	43-50

Oats		
The biological values of the proteins of oats, barley, wheat bran and	15,	205-210
pollard	13,	203-210
Studies on specific oculo-vascular mylasis of domestic animals		
(uitpeuloog). I, Historical review.	29	81-88
Studies on specific oculo-vascular myiasis of domestic animals		
(uitpeuloog). II. Experimental transmission.	29	208-210
Studies on specific oculo-vascular myiasis of domestic animals		
(uitpeuloog). III. Symptomatology, pathology, aetiology and		
epizootiology	29	211-240
Studies on specific oculo-vascular myiasis (uitpeuloog) of domestic		005 004
animals. IV. Chemotherapy.	33	297-304
Oesophagostomiasis  The chemotherapy of oesophagostomiasis in sheep.	1	67-76
The chemotherapy of oesophagostomiasis in sheep. II.	-5	419-440
A contribution to the study of the pathology of oesophagostomiasis in		127 110
sheep.	7	277-350
The pathological physiology of helminth infestations. II.		
Oesophagostomum columbianum	33	139-159
Oestridae		
A description of the first stage larva of Oestrus argentatus Rodhain and		
Bequaert (1912) obtained by artificial mating (Diptera Oestridae)	33	287-296
Oestrous cycle  The oestrous cycle of the mare when maintained under stabled conditions		
with restricted exercise at Onderstepoort.	25	(1) 105-120
Oestrus sp.	23	(1) 103-120
A new method of treatment for sheep infected with the larvae of the sheep		
nasal fly, Oestrus ovis L. in the Union of South Africa.	27	67-76
A description of the first stage larva of Oestrus aureoargentatus Rodhain		
and Bequaert (1912) obtained by artificial mating (Diptera: Oestridae).	33	287-296
Onnharastanus		
Oophorectomy  The influence of oophorectomy on the performance of Greyhound bitches.	15	281-294
Ornithodoros	15	201 27 .
Ticks in the South African Zoological Survey collection. Part XI.		
Ornithodoros eboris n. sp.	28	145-154
The role of carbon dioxide as stimulant and attractant to the sand tampan,		
Ornithodoros savignyi (Audouin)	31	59-68
Studies on karyotypes of South African Argasidae, 1. Ornithodoros		1
savignyi (Audouin), 1827	33	93-98
Investigations into sex dimorphism during nuclear interphase of the	00	00.105
Argasid tick, Ornithodoros savignyi (Audouin, 1827).	33	99-105
The sex chromatin body and its importance for the demonstration of heterochromosomal conditions in <i>Ornithodoros moubata</i> (Murray,		
1877)	33	107-113
Osteodystrophic diseases		
Experimantal osteodystrophic diseases in goats.	15	299-312
The control of the co		

Osteofibrosis in equines.

601-622

9

Osteofibrosis

Osteopetrosis			
The familial incidence of spontaneous osteopetrosis gallinarum.	21		79-98
Ostertagia			
The pathological physiology of Ostertagia circumcincta infestation.	31		163-176
Ostrich			
The blood of the ostrich	11		419-504
Otobius			
Zoological survey of the Union of South Africa, Tick Survey. Part XI,			
Distribution of Otobius megnini, the spinose ear tick	27		605-610
Ovambo cattle			
Studies in Native Animal Husbandry. 6. A note on Ovambo cattle.	1		601-620
Ovarian Cycle			
Researches into sterility of cows in South Africa. The influence of (i) dry			
rations and (ii) lack of exercise on sexual maturity and the duration of			
the ovarian cycle in beef heifers.	12		233-250
Bionomic studies on cattle in the semi-arid region of the Union of South			
Africa. IV. The ovarian cycle of heifers during summer.	16		213-242
Ovarian dysfunction			
Infertility in mares caused by ovarian dysfunction	26		285-313
Ovarian function			
Ovarian function, follicular oestradiol- $17\beta$ , and luteal progesterone			
and 20a-hydroxy-pregn-4-en-3-one in cycling and pregnant equines	35		301-318
Ovine ketosis			
Ovine ketosis. I. The normal ketone body values.	28		557-568
Ovine ketosis. II. The effect of pregnancy on the blood ketone body levels			
of well-fed ewes.	29		107-110
Ovine ketosis. III. The effect of starvation on the blood sugar and ketone			
body levels of wethers	29		259-268
Ovine ketosis. IV. The effect of alloxan on the ketone body and blood			
sugar levels of Merino wethers.	30		161-168
Ovine ketosis. V. Ketone body and blood glucose levels of Merino ewes			
during the preclinical, clinical and postclinical stages of pregnancy			
disease.	33		161-168
Ovis aries			
The microscopic vascular pattern of the ruminal wall in Ovis aries.	33	54	233-238
Ovulatory failure			
Ovulatory failure in bovines.	29		55-80
Owi			
On Habronema murrayi (sp. n.) from the barn owl, Tyto alba.	3		351-358
Oxyurids			
On some South African reptilian oxyurids.	1		99-116
Ozolaimus			
Ozolaimus megatyphlon (Rud 1819), a little known helminth from Iguana			
tuberculata,	1		93-96
Pachystigma			
Chemical investigation of Pachystigma pygmaeum Schlechter			
(gousiektebossie).	25	(4)	113-122
Parafilaria			
Parafilaria bassoni spec. nov. from the eyes of springbuck (Antidorcas			
mar supialis).	29		165-168
·			

Dan makintaninin		
Paramphistomiasis  The identity of so-called Paramphistomum cervi and P. explanatum, two		
common species of ruminant trematodes in South Africa	26	463-473
Studies on paramphistomiasis, I. The propagation of Bulinus tropicus Krauss 1848	29	183-188
Studies on paramphistomiasis. II. The mass production of metacercariae of Paramphistomum microbothrium Fischoeder 1901.	29	189-196
Studies on paramphistomiasis. HI. A method of testing the viability of paramphistome metacercariae.	29	197-202
Studies on paramphistomiases. V. The pathological physiology of the acute disease in sheep.	30	145-160
A redescription of Nilocotyle (Nilocotyle) braesphinctris Näsmark, 1937		
(Trematoda: Paramphistomidae) from Hippopotamus amphibius.  A study of the epidermal structures of the miracidia of Calicophoron calicophorum (Fischoeder, 1901) Näsmark, 1937 and Paramphistomum	33	73-76
microbothrium (Fischoeder, 1901)	.34	129-136
1901, in experimentally infested ruminants, with particular reference to		
sheep	34	451-540
Blood parasites of game in Zululand. Further Report.	1	411-420
A new blood parasite of the fowl	9	301-310
Clinostomid trematodes as aberrant parasites in the mouth of the domestic cat (Felis catus domesticus).	30	137-144
Host-parasite relationships of Paramphistomum microbothrium Fischoeder,	•	
1901, in experimentally infested ruminants, with particular reference to		
sheep.	34	451-540
Improved methods for the recovery of parasitic nematodes at autopsy	34	547-562
Paratyphoid		
Further studies on the antigenic structure of paratyphoid bacilli with		
special reference to three new species of Salmonella	16	103-114
Calf paratyphoid. I A general discussion of the disease in relation to		2.44
animals and man.	26	3-24
Calf paratyphoid. II Artificial immunization.	26	25-44
Calf paratyphoid, III The transmission of anti-bodies to newly born	26	45-60
Paresis	20	43 00
Paresis in pigs in relation to nutritional deficiencies	18	225-262
Particle size		
The particle size of bluetongue virus as determined by ultrafiltration and ultracentrifugation.	23	137-148
ACADIOCAS DE MARC		
Pasteurellosis. An outbreak amongst sheep.	7	113-132
Pastures		
A study of the mineral content and feeding value of natural pastures in the		COM C 10
Union of South Africa (Second Report)	2	607-648
Union of South Africa (Third Report)	5	201-214

A study of the mineral content and feeding value of natural pastures in the Union of South Africa. IV. The influence of season and frequency of cutting on the yield, persistency and chemical composition of grass			
species	5		215-272
Union of South Africa	14		123-328
The hydrocyanic acid content of Cynodon plectostachyum Pilger (Giant star grass) and its suitability as a pasture grass	17		191-200
Pathogens			01.006
The secretion of abnormal milk by quarters free from known pathogens.	22		91-226
Pennisetum			
The effect of barley, millet ('n Yati-Pennisetum sp.) and lucerne meal in	4		506 600
bacon production.	1		595-600
Pentzia			
Comparative study of the content of starch and sugars of Tribulus			
terrestris, lucerne, some Gramineae and Pentzia incana under different		4.00	47.00
meteorological, edaphic and physiological conditions.	25	(3)	45-92
Pereiraia raphiceri			
Pereiraia raphiceri sp. nov. (Nematode: Ascaropsinae) from a steenbuck			
(Raphicerus campestris Thunberg, 1811)	30		133-136
Pestis equorum			
Chemical blood studies. IV. Comparative studies on "laked" and			
"unlaked" blood filtrates of horses in health and during horsesickness	1		335-370
(Pestis equorum)	1		333-310
pH			
The hydrogen-ion concentration of the vaginal secretion of the Merino			
sheep during oestrus, dioestrus, and pregnancy, with some remarks on			
its influence on sex determination, and the influence of the vaginal			
temperature at the time of mating on conception.	17		105-114
Studies on the alimentary tract of Merino sheep in South Africa. XXII, The			
effect of the pH of the ruminal contents on ruminal motility	25	(1)	79-92
A laboratory scale apparatus for the continuous culture of micro-organisms			
with automatic pH control	28		39-46
Investigations into the pH stability of bluetongue virus and its survival in			
mutton and beef.	31	-	109-118
Phosphorus			
Studies in mineral metabolism. XXVII. The effect of two different calcium			
phosphorus ratios upon the growth of calves	1		421-424
Studies in mineral metabolism. XXXVII. The influence of variations in the			
dietary phosphorus and in the Ca: P ratio on the production of rickets			
in cattle.	8		375-416
Studies in mineral metabolism. XXXVIII. Calcium and phosphorus in the			
nutrition of growing pigs.	.9		127-164
The assimilation of calcium and phosphorus by the growing bovine	10		281-366
On the feeding of a phosphorus supplement to mother-reared calves, prior			
to weaming, under open range conditions in Bechuanaland	13		321-346
On the availability of phosphorus in bone meal, bone meal supplemented			
with red oxide or iron, and bone ash to white rats	23		261-268
The availability of the calcium and phosphorus in "Electrofos" for bone			
formation, I. In the rat.	24		87-104

The effect of body stores and of methods of supplementation on the		
efficiency of calcium and phosphorus utilization by sheep.	25	(4) 85-92
The utilization of phosphorus from different sources by the rat	- 25	(4) 99-104
A study of the water-soluble phosphate concentration of the ruminal		
contents in normal and phosphorus deficient animals.	26	137-140
The utilization of the phosphorus from an aluminium-iron rock phosphate.		
I. By the rat.	27	611-616
The utilization of the phosphorus from an aluminium-iron rock phosphate.		
II. By sheep.	27	617-623
Contributions to the study of blood constituents in domestic animals in		
South Africa. IV. Normal values for haemoglobin and plasma calcium,		
inorganic phosphate, magnesium, iron and copper in the blood of		
Angora goats in the Cape Midlands	33	343-352
Studies on photosensitization of animals in South Africa. I. The action of		
various fluorescent dyestuffs	1	459-468
Studies on photosensitization of animals in South Africa. II. The presence		
of a lethal factor in certain members of the plant genus Tribulus	1	469-490
Studies on photosensitization of animals in South Africa. III. The		
photodynamic action of Hypericum ethiopicum var, glaucescens Sond.		
and Hypericum leucoptychodes (syn. H. lanceolatum) Lam	1	491-496
Studies on the photosensitization of animals in South Africa. IV. The		
toxicity of Lopholaena coriifolia (Harv.) Phill & C.A.Sm. (L. randii sp.		
Moore).	1	497-500
Studies on the photosensitization of animals in South Africa. V. The		
toxicity of Lippia rehmanni (Pears) and Lippia pretoriensis (Pears)	1	501-504
Studies on the photosensitization of animals in South Africa. VI. The		
effect of surgical obstruction of the normal bile flow	1	505-528
Studies on the photosensitization of animals in South Africa. VII, The		
nature of the photosensitizing agent in geeldikkop	3	137-160
Studies on the photosensitization of animals in South Africa. VIII. The		
biological formation of phylloerythrin in the digestive tracts of various		
domesticated animals.	4	463-480
Studies on the photosensitization of animals in South Africa. IX. The bile		
flow of Merino sheep under various conditions	7	361-370
Studies on the photosensitization of animals in South Africa. X. The		
icterogenic factor in geeldikkop. Isolation of active principles from		
Lippia rehmanni Pears	9	225-258
Studies on the photosensitization of animals in South Africa. XI. The		
reaction of the sensitized Merino skin to radiation in different regions		
of the spectrum	17	89-104
Studies on the photosensitization of animals in South Africa. XII. An		
attempt to identify the icterogenic factor in geeldikkop; the reaction of		
nitrous acid on chlorophyll	24	105-118
Anatomical studies. No. 64. Anomalous course of the left phrenic nerve in	14	489-490
a donkey	I.A	707-770
Studies on the photosensitization of animals in South Africa. VIII. The		
biological formation of phylloerythrin in the digestive tracts of various		
domesticated animals.	4	463-480
	-	

Physaloptera sp			
Some undescribed species of the nematode genus Physaloptera. Rud.,			
together with a key to the sufficiently known forms.	9		71-84
Physiology			
Studies on the comparative actions of carbamylcholine, physostigmine and			
neostigmine in different species of domestic animals.	26		485-500
Alterations in the blood sugar and ketone levels caused by dosing acetate,			
propionate and butyrate into the rumen of the sheep	27		101-109
Some factors affecting the secretion of abomasal juice in young dairy			
calves	28		133-141
An improved technique for measuring the in vivo rate of cellulose digestion			
in the rumen.	31		69-76
Physostigmine			
Studies on the comparative actions of carbamylcholine, physostigmine			
and neostigmine in different species of domestic animals	26		485-500
Pig			
Sex physiology of pigs.	Suppl. 2		3-218
Anatomical Studies. No. 42. Polydactylism in a pig.	3		237-238
Anatomical studies. No. 45. Synotus in a lamb and a pig foetus.	3		245-248
Anatomical Studies. No. 46. Apus in a pig.	3		249-250
Anatomical studies. No. 49. On a deformity of the shoulder joint in a pig.	3		255-256
Anatomical studies. No. 54 False masculine hermaphroditism in a pig.			
(Path. No. 12926).	4		573-574
The operation of splenectomy in horses, cattle, sheep, goats, pigs, dogs and			
some S.A. antelopes. A summary of the results of 98 splenectomies	5		273-306
A hitherto unrecorded Filaria, Suifilaria suis n.g., n.sp. from the domestic			
pig in South Africa	9		85-90
Studies in mineral metabolism. XXXVIII. Calcium and phosphorus in the			
nutrition of growing pigs.	9		127-164
Cysticercosis in swine and bovines with special reference to South African			
conditions.	9		337-572
Swine fever in South Africa.	14		31-96
The endogenous nitrogen metabolism of pigs with special reference to the			
maintenance protein requirement.	16		169-180
Paresis in pigs in relation to nutritional deficiencies.	18		225-262
A case of swine erysipelas in the Union of South Africa	20		57-60
The occurrence of Eperythrozoon parvum Splitter 1950 in South African			
swine.	25	(4)	5-6
Pigeon-pox			
Fowl-pox vaccination in South Africa with egg-propagated fowl and			
pigeon-pox viruses,	25	(1)	17-30
Pigeons			
Artificial insemination of birds by the intraperitoneal route (Pigeons).	Suppl.1		3-213
Psittacosis in domestic pigeons.	15		141-148
Mites, hitherto unrecorded in South Africa, collected in Natal from fowls,			
pigeons, turkeys, guinea-fowls, wild birds and rabbits.	22		51-76
The domestic pigeon as a possible carrier of Newcastle disease	25	(4)	25-28
•			
Pigment metabolism. I. The examination of the urine and blood of dogs for bilirubin and haemoglobin.	4.5		
bilirubin and haemoglobin.	18		289-296

Pigment metabolism. II. Determinations of bilirubin and carotinoids in the plasma and of coproporphyrin in the urine and faeces of cattle experimentally infected with <i>Theileria parva</i> .	18	297-304
Pink tooth	10	
The occurrence of congenital porphyrinuria (pink tooth) in cattle in South Africa (Swaziland).	7	535-566
Some cases of congenital porphyrinuria in cattle. Chemical studies upon the living animals and post-mortem material.	7	567-612
Quantitative studies upon porphyrin excretion in bovine congenital porphyrinuria.	10	421-430
A further case of congenital porphyrinuria (pink tooth) in a living grade Friesland cow in South Africa (Cedara case).	10	431-438
Quantitative studies upon porphyrin excretion in bovine congenital porphyrinuria (pink tooth). No. 2.	13	369-381
Bovine congenital porphyrinuria (pink tooth) inherited as a recessive character.	13	383-400
Does bovine congenital porphyrinuria (pink tooth) produce clinical disturbances in an animal which is protected against the sun?	26	231-234
The occurrence of Piroplasma pitheci in a vervet monkey (Cercopithecus aethiops cloetei Roberts) in South Africa.	9	31-36
A new piroplasm Sauroplasma thomasi n.g. n.sp.) of a lizard (Zonurus giganteus Smith.)	9	289-300
The destruction of <i>Piroplasma canis</i> by the neutrophiles and large mononuclear leucocytes	10	33-36
Chemical blood studies. V. Comparative studies on "laked" and "unlaked" blood filtrates of bovines in health and during anaplasmosis (A. marginale		
infection) and piroplasmosis (P. bigeminum infection)	1	371-401
diseases, redwater, gallsickness and heartwater.	20	137-158
The carbohydrate content of lucerne under different meteorological and physiological conditions.	22	373-414
Comparative study of the content of starch and sugars of Tribulus terrestris, lucerne, some Gramineae and Pentzia incana under different		
meteorological, edaphic and physiological conditions	25	(3) 45-92
Plant poisoning in stock and the development of tolerance	1	149-156
Union of South Africa.	1	173-182
A short summary on our botanical knowledge of $Lolium\ temulentum\ L$ . Poisoning of human beings by weeds contained in cereals (bread	1	213-218
poisoning)	1	219-268
malic, tartaric acids, etc	1	439-458
of a lethal factor in certain members of the plant genus <i>Tribulus</i> Studies on photosensitization of animals in South Africa. III. The photodynamic action of <i>Hypericum ethiopicum</i> var. <i>glaucescens</i> Sond.	1	469-490
and Hypericum leucoptychodes (Syn, H. lanceolatum). Lam.	1	491-496

Studies on the photosensitization of animals in South Africa. IV. The toxicity of Lopholaenia coriifolia (Harv.) Phill. & C.A.Sm. (L. randii sp.		
Moore)	1	497-500
toxicity of Lippia rehmanni (Pears) and Lippia pretoriensis (Pears)	1	501-504
Isolation of the poisonous principle of Dimorphotheca cuneata Less	3	111-118
Plant poisoning in stock and the development of tolerance	3	119-124
plants in the Union of South Africa.	3	125-132
The toxicology of plants in South Africa	3	359-416
Acacia	4	51-64
the "bitter principle" class.	4	65-92
Recent investigations into the toxicity of known and unknown poisonous		
plants in the Union of South Africa.	4	399-416
Plant poisoning of stock and the development of tolerance	4	417-420
Psilocaulon absimile N.E. Br. as a stock poison. II Isolation of the toxic		
alkaloidal constituent and its identification as piperidine hydrochloride.	4	421-436
Note upon the isolation of the toxic principle from a species of		
Dimorphotheca, probably Dimorphotheca fructicosa	5	79-80
Engl. I.	5	81-96
Hydrocyanic acid in grasses.  The occurrence of cyanogenetic glucosides in South African species of	5	97-138
Acacia. II. Determination of the chemical constitution of acacipetalin.		
Its isolation from Acacia stolonifera Burch.	5	445-466
Recent investigations into the toxicity of known and unknown poisonous		
plants in the Union of South Africa.	7	169-180
Experiments with plants alleged to be used as abortifacients and ecbolics		
by natives.	9	107-110
Recent investigations into the toxicity of known and unknown poisonous		÷
plants in the Union of South Africa. VII.	9	111-126
Notes upon the isolation of the alkaloidal constituent of the berg "Channa" or "Kougoed" (Mesembryanthemum anatomicum and M.		
		40-444
Chemical investigation of the plant Assimilar india. I have	9	187-192
Chemical investigation of the plant Acalypha indica. Isolation of		
triacetonamine a cyanogenetic glucoside and quebrachite Studies upon the photosensitization of animals in South Africa. The	9	193-204
icterogenic factor in geeldikkop. Isolation of active principles from		
Lippia rehmanni (Pears)	9	225-258
plants in the Union of South Africa. VIII.  The distribution and possible translocation of icterogenin in Lippia	9	573-582
rehmanni (Pears).	9	583-590
Some physiological aspects of the genus <i>Tribulus</i> .  On the constitution of the bitter principle "Geigerin". I. The isolation of	10	367-394
various degradation acids.	10	395-410

Recent investigations into the toxicity of known and unknown poisonous	10	252 269
plants in the Union of South Africa.	12	353-368
Chemical investigations upon Lotononis laxa E. and Z.I. The isolation of	13	229-236
pinitol, a fatty ester and benzaldehyde.	13	223-230
Recent investigations into the toxicity of known and unknown poisonous	15	261-280
plants in the Union of South Africa.	13	201-200
Recent investigations into the toxicity of known and unknown poisonous	16	121-148
plants in the Union of South Africa. XI.	16	121-140
South African Senecio alkaloids. Part 5. Notes on isatidine, rosmarinine	1.6	149-168
and pterophine and on the structure of their necines and necic acids.	16	147-100
Recent investigations into the toxicity of known and unknown poisonous	17	221-224
plants in the Union of South Africa. XII.	11	221-227
Lantanin, the active principle of Lantana camara L. Part I. Isolation and	18	197-202
preliminary results on the determination of its constitution.	10	177-202
The isolation of the toxic principle "potassium cymonate" from	18	203-206
"Gifblaar". Dichapetalum cymosum (Hook) Engl		207-224
Recent investigation into the toxicity of plants, etc. XIII	18	201-224
Dicrotaline. The toxic alkaloid from Crotalaria dura (Wood and Evans) and	20	61-66
Crotalaria globifera (E. Mey).	20	01-00
Monofluoroacetic acid, the toxic principle of "gifblaar", Dichapetalum	20	67-74
cymosum (Hook) Engl	20	0/-/4
Recent investigation into the toxicity of plants, etc., in the Union of South	20	75-84
Africa.	20	45-56
Recent investigation into the toxicity of plants, etc., No. XV.	21	45-50
The cardiac glycoside from Urginea rubella Baker. Part I. Isolation and	22	212 220
properties of rubellin,	22	313-320
Lantadene A. The active principle of Lantana camara L. Part III. Pyrolytic	22	221 229
distillation of lantadene A	22	321-328
Lantadene A. The active principle of Lantana camara L. Part IV.		220 224
Dehydrogenation of lantadene A and lantadene B	22	329-334
Lantadene A, the active principle of Lantana camara L. Part II. Isolation of	22	222 229
lantadene B, and the oxygen functions of lantadene A and lantadene B.	23	233-238
Recent investigations into the toxicity of known and unknown poisonous	24	52.56
plants in the Union of South Africa. XVI.	24	53-56
A note on the alkaloid of Crotalaria damarensis.	25	(4) 111-112
Transvaalin, a cardiac glycoside isolated from Urginea burkei, Bkr.	10.5	(4) 102 122
(Transvaal slangkop).	25	(4) 123-133
The cardiac glycoside from Urginea rubella Baker. Part II - Hydrolysis of	26	141-148
rubellin and pro-rubellin.	26	141-140
Plaque formation by bluetongue virus	34	317-332
Plaque formation by bluetongue virus		01, 002
Recent advances in the chemistry of the plasma proteins and their		
complexes	3	161-190
Contributions to the study of blood constituents in domestic animals in		
South Africa. II. Normal values for the activity of some enzymes of the		
Embden-Meyerhof pathway and tricarboxylic acid cycle occurring in the		
plasma of sheep.	33	325-336
Pollard	-	
The biological values of the proteins of oats, barley, wheat bran and		
pollard.	15	205-210
homers for strateging description i		· · · · ·

Polydactylism		
Anatomical studies. No. 42. Polydactylism in a pig.	3	237-238
Polyplax		
New species of Linognathus and Polyplax (Anoplura).	7	59-66
Polysulphide solutions		
Researches into dips and dipping. A. Lime-sulphur dips. Paper IV. Further		
studies on the colorimetric method as a rapid means of control of		
polysulphide solutions	2	231-238
Porphyrinuria		
The occurrence of congenital porphyrinuria (pink tooth) in cattle in South		
Africa. (Swaziland).	7	535-566
Some cases of congenital porphyrinuria in cattle. Chemical studies upon		
the living animals and post-mortem material.	7	567-612
Quantitative studies upon porphyrin excretion in bovine congenital		
porphyrinuria	10	421-430
A further case of congenital porphyrinuria (pink tooth) in a living grade		
Friesland cow in South Africa (Cedara case).	10	431-438
Quantitative studies upon porphyrin excretion in bovine congenital	4.0	260,000
porphyrinuria (pink tooth) No. 2.	13	369-382
Bovine congenital porphyrinuria (pink tooth) inherited as a recessive	10	202 400
A note on the influence of a blood meal ration on porphyrin excretion in	13	383-400
normal bovines.	16	215 220
Genetics in the diagnosis of bovine congenital porphyrinuria.	16	315-330
Does bovine congenital porphyrinuria (pink tooth) produce clinical	18	305-310
disturbances in an animal which is protected against the sun?	26	231-234
Potassium	20	231-234
Studies in mineral metabolism. XXVII. Modifications of the methods used		
at Onderstepoort for the determination of (a) magnesium and calcium, (b) potassium in grass extracts.		115 100
The recovery of potassium carbonate from wool scouring liquor and the	2	115-122
conversion of the recovered potassium carbonate to commercial		
potassium sulphate using naturally occurring gypsum as sulphate source.	18	201 206
The isolation of the toxic principle "Potassium cymonate" from "gifblaar"	18	321-326
Dichapetalum cymosum (Hook) Engl.	18	203-206
Studies on the action of potassium monofluoroacetate (CH2FCOOK)	10	203-200
[Dichapetalum cymosum (Hook) Engl.] toxin on animals.	22	77-90
Studies on the alimentary tract of the Merino sheep in South Africa. XX.	24	71-30
The failure of the rumen musculature to respond to carbamylcholine		
chloride when paralysed by potassium cyanide.	25	(1) 67-72
A study of the plasma sodium and potassium levels in normal Merino	20	(1) 01-12
sheep	28	229-236
Poultry	20	227-230
The influence of the protein level of the diet on the growth, egg		
production, egg weight, and mortality of single comb White Leghorn		
pullets.	10	469-480
The growth-promoting qualities of various protein concentrates for	***	107 100
Leghorn chickens.	10	481-501
The basal metabolism of 3 to 4 weeks old White Leghorn chickens.	11	141-150
22 CONT.		·

a transfer of the second second second description of the second		
Conjunctivitis of the domestic fowl and an associated Rickettsia-like	14	469-480
organism in the conjunctival epithelium.	21	79-98
The familial incidence of spontaneous osteopetrosis gallinarum	21	,,,,,
Bacillary white diarrhoea of poultry and its eradication in the Union of	23	171-216
South Africa	23	1,1210
Studies in comparative neuropathology. I. Gliomas of the domestic fowl:		
their pathology with special reference to histogenesis and pathogenesis;	26	501-598
and their relationship to other diseases.	20	301 370
Studies on the histo-pathology and pathogenesis of Newcastle disease of		
fowls in South Africa, with special reference to the lymphoid tissue (a	26	599-629
preliminary report)	20	377-027
PPD Sensitins	34	345-438
Mycobacterial PPD sensitins and the non-specific reactor problem.	34	343-430
Pregnancy	4	551-558
The influence of pregnancy and lactation on Merino wool production.		225-244
Domsiekte or pregnancy disease in sheep. I. A review of the literature.	17	245-296
Domsiekte or pregnancy disease in sheep. II.	17	
Domsiekte or pregnancy disease in sheep. III.	18	263-278
Domsiekte or pregnancy disease in sheep. IV. The effect of obesity on the	40	200 200
reaction of sheep to a sudden reduction in diet	18	279-288
Ovine ketosis, V. Ketone body and blood glucose levels of Merino ewes		
during the preclinical, clinical and postclinical stages of pregnancy		404 400
disease	33	161-167
Pregnanediol		
The urinary excretion of 5β-Pregnane-3a:20a-dioland gestational failure in		
Angora goats.	30	179-190
Pregnant mare serum		
The effects of diethyl-stilboestrol and pregnant mare serum on the oestrous		
cycle of Merino ewes.	18	139-148
Procavia capensis		
Babesia thomasi sp. nov., an intra-erythrocytic parasite of the Cape		
dassie Procavia capensis (Pallas) · · · · · · · · · · · · · · · · · · ·	25	(3) 3-6
Progesterone		
Ovarian function, follicular oestradiol-17 $\beta$ , and luteal progesterone and		
20a-hydroxy-pregn-4-en-3-one in cycling and pregnant equines	35	301-318
Protein studies		
Further observations on the cystine deficiency of lucerne proteins and the		
effect of heat and inoculation upon their growth-promoting values	4	437-452
Protein studies. Plant protein. 1. A comparative study of the		
growth-promoting properties of the proteins of peanut meal, sesame		
meal, copra meal, lucerne meal and cottonseed meal.	10	193-206
Protein studies. Plant protein. 2. The biological values of lucerne meal,		
sesame meal, peanut meal, copra meal, cottonseed meal, and oat meal.	10	207-220
The influence of the protein level of the diet on the growth, egg		
production, egg weight, and mortality of single comb White Leghorn		
pullets	10	469-470
The growth-promoting qualities of various protein concentrates for		
Leghorn chickens	10	481-501
Sulphur metabolism. VI. The effect of various levels of fats and proteins in		
the ration on the toxicity of elementary sulphur.	11	107-112
MAN AND WAS THE THE PROPERTY OF THE PROPERTY O		

The endogenous nitrogen metabolism of sheep with special reference to the maintenance requirements of protein.	11		131-140
Plant proteins. III. The supplementary effect amongst certain plant			131-140
proteins	11		151-162
soya beans supplemented by cystine	11		391-398
Plant proteins. V. The biological value of lucerne and lucerne			
supplemented by cystine in sheep.	11		399-406
Plant proteins. VI. The amino acid deficiencies in certain plant proteins.	11		407-418
Further studies on the amino acid deficiencies of plant proteins	14		387-402
during different seasons of the year	14,		415-420
to the maintenance protein requirements of sheep.	15		187-196
The biological value of the proteins of maize supplemented with lysine and			
The biological values of the proteins of oats, barley, wheatbran and	15		197-204
pollard	15		205-210
The utilization of the protein of somerset beans by rats and sheep	15		221-224
The amino acid deficiencies of certain plant proteins and the			
supplementary effect between plant proteins as measured by means of			
The and arrange mitrocon matched law of size with graded and some to the	15		225-240
The endogenous nitrogen metabolism of pigs with special reference to the maintenance protein requirement.	1.0		160 100
The nutritive value of animal proteins The biological values of fish meal,	16		169-180
whale and fish meal, meat meal, meat and bone meal, crayfish and			
white fish meal	16		191-198
The nutritive value of the protein of a few South African soybean meals	19		161-168
An electrophoresis apparatus for the rapid routine analysis of sera and other protein solutions.	20		139-164
The nutritive value of mixed proteins. The biological value of the proteins	20		139-104
of a mixture of yellow maize seed and grape seeds, and a mixture of yellow maize seed and camelthorn pods (Acacia giraffae)	20		213-222
The biological values of the proteins of some South African (whole seed)	20		213-222
maize varieties.  The supplementary effect between the proteins of a heat-treated soybean meal ("Soma Meal") and a South African strain of yellow maize seed	21	Sc	57-78
("Eksteen").	21		301-304
The influence of processing on the efficiency of proteins.	25	(4)	93-98
Contributions to the study of blood constituents in domestic animals in	4.0	(+)	93-90
South Africa. 6. Normal values for serum protein fractions in sheep as			
obtained by electrophoresis on cellulose acetate strips.	34		633-646
Protozoa sp.			
The occurrence of Grahamella couchi sp. n. in the multimammate mouse			
(Mastomys coucha) in South Africa	10		29-32
The occurrence of Nuttallia cynicti sp. n. in the yellow mongoose Cynictiss			
pennicillata in South Africa.	10		37-40
The appearance of Bartonella muris M. Mayer 1921 in the albino and wild			44 40
rat after splenectomy.	10		41-48

Cytauxzoon sylvicapra gen. nov., spec. nov., a protozoon responsible for a		
hitherto undescribed disease in the duiker Sylvicapra grimmi Linn	23	63-76
Babesia thomasi sp. nov., an intra-erythrocytic parasite of the Cape dassie		
(Procavia capensis Pallas).	25	(3) 3-6
Prussic acid		
Studies on the alimentary tract of Merino sheep in South Africa. XIII. The role of prussic acid in the actiology of acute bloat.	20	209-212
Pseudandrya mkuzii		
Pseudandrya mkuzii sp. nov. (Cestoda: Hymenolepididae) from Ichneumia albicauda.	30	127-132
Pseudo-foot and mouth disease		
The occurrence and identification of bluetongue in cattle - the pseudo-foot		
and mouth disease in South Africa.	2	393-508
Psilocaulon absimile		
Psilocaulon absimile N.E. Br. as stock poison. I. Determination of oxalic,		
malic and tartaric acid.	1	439-458
Psilocaulon absimile N.E. Br. as stock poison. II. Isolation of the toxic		
alkaloidal constituent and its identification as piperidine hydrochloride.	4	421-436
Psittacosis (%)		
Psittacosis in domestic pigeons.	15	141-148
Pulpy kidney disease		
The production of a basic immunity against pulpy kidney disease.	34	65-80
The duration of immunity to pulpy kidney disease of sheep	34	333-344
Pumpkin		
The toxicity of pumpkin seed (Cucurbita pepo L.)	5	441-444
Pupipara		
A new African lousefly, Raymondia hardyi sp. n. (Streblidae, Pupipara.)	26	427-430
Pyogenic factor		
The significance of the endotoxin and pyogenic factor of Corynebacterium		
pseudotuberculosis in immunity.	31	119-132
Rabbit		
Meat studies No. 1 Postnatal growth and development of muscle, as		
exemplified by the Gastrocnemius and Psoas muscles of the rabbit	21	329-466
Mites, hitherto unrecorded in South Africa, collected in Natal from fowls,		
pigeons, turkeys, guineafowls, wild birds and rabbits.	22	51-76
The artificial transmission of Besnoitia besnoiti (Marotel, 1912) from		
chronically infected to susceptible cattle and rabbits	34	303-316
Rabies		
Rabies in South Africa. Occurrence and distribution of cases during 1932.	1	51-58
Rabies in South Africa. Occurrence and distribution of cases during 1933.	3	335-346
The study and control of the vectors of rabies in South Africa	15	9-140
Rajotaenia		
Observations on Rajotaenia gerbilli Wertheim, 1954, an anoplocephalid		
cestode from gerbils.	29	21-24
Raphicerus campestris		
Pereiraia raphiceri sp. nov. (Nematode: Ascaropsinae) from a steenbuck		
(Raphicerus campestris Thunberg, 1811).	30	133-136
Rats		
A well-balanced ration for stock rats	2	649-657

Sulphur metabolism. II. The distribution of sulphur in the tissues of rats fed rations with and without the addition of elementary sulphur	7	189-198
Sulphur metabolism. III. The effect of flowers of sulphur on the growth of		
young rats fed an otherwise well-balanced ration	7	199-208
bovines.	8	359-374
The appearance of Bartonella muris M. Mayer 1921 in the albino and wild	4.0	11 10
rat after splenectomy	10	41-48
reproduction and lactation in the white rat	10	221-228
The effect of supplementing lucerne with cystine and methionine on the		
growth of rats.	12	369-378
Change in body weight and food consumption of rats on repeated feeding		
of a deficiency diet.	13	201-218
The biological value of white fish meal as determined on growing sheep and		
rats.	13	361-368
The utilization of the protein of Somerset beans by rats and sheep	15	221-224
Growth of the albino rat with special reference to the influence of		
environment.	16	331-542
Depletion of substantial vitamin A-reserves in growing rats	18	149-156
Feeding vitaminized peanut butter to rats to confirm chemical assays of vitamin A.	18	157-176
On the availability of phosphorus in bone meal, bone meal supplemented	10	10, 1,0
with red oxide or iron, and bone ash, to white rats.	23	261-268
Bioclimatological studies on white rats in South Africa. No. 1. Skin cancer		
in rats following continued exposure to sunlight	23	349-366
The availability of the calcium and phosphorus in "Electrofos" for bone		
formation. I. In the rat.	24	87-104
The utilization of phosphorus from different sources by the rat	25	(4) 99-104
The influence of enrichment of maize meal on the growth of rats	26	235-240
The utilization of the phosphorus from an aluminium-iron rock phosphate.		
I. By the rat.	27	611-616
On two new Catenotaenia tapeworms from a South African rat with		
remarks on the species of the genus.	29	11-20
Alteration of reproductive function in the rat by cortisol acetate	34	673-688
Raymondia hardyi		-
A new African lousefly, Raymondia hardyi sp. n. (Streblidae, Pupipara).	26	427-430
Red cell counts		
Contributions to the study of blood constituents in domestic animals in		
South Africa. 5. The dog: normal values for red cell counts,		
haemoglobin, blood sugar and blood urea nitrogen and a practical		
statistical method for evaluating such data.	33	353-362
Redwater		
Immunization of cattle against heartwater and the control of the		
tick-borne diseases redwater, gallsickness and heartwater	20	137-158
Reflex salivation		
The significance of reflex salivation in relation to froth formation and		
acute bloat in ruminants.	26	241-250
Reovirus		
Electron microscopic studies on reovirus Type 1 in BHK21 cells.	35	1-158

Reproduction		
Researches into sterility of cows in South Africa. The influence of (i) dry		
rations, (ii) lack of exercise and (iii) lack of sunlight on reproduction in		
beef heifers and cows	6	719-772
Alteration of reproductive function in the rat by cortisol acetate	34	673-688
Reproductive tract		
A study of the duration of motility of spermatozoa in the different		
divisions of the reproductive tract of the Merino ewe	1	135-148
Reptilia		
A synoptic checklist and hostlist of the ectoparasites found on South		
African Mammalia, Aves, and Reptilia (Supplement I).	7	69-112
Rhipicephalus		
The transmission of louping ill by ticks (Rhipicephalus appendiculatus)	5	15-34
The transmission of tickbite fever by the dog tick Rhipicephalus		- 40
sanguineus Labr	16	9-18
Description of a tick Rhipicephalus glaproscutatum, sp. nov. (Ixodidae),		
from Karoo areas of the Union of South Africa.	16	115-120
Ticks in the South African Zoological Survey collection, Part VI. Little		
known African rhipicephalids	21	253-300
Zoological survey of the Union of South Africa. Tick Survey. Part III.		
Distribution of Rhipicephalus appendiculatus. The brown tick	22	269-284
Zoological survey of the Union of South Africa. Part IV. Distribution of		
Rhipicephalus capensis.	24	7-32
Zoological survey of the Union of South Africa. Part V. Distribution of		22.26
Rhipicephalus evertsi, the red tick	24	33-36
Ticks in the South African Zoological survey collection. Part VII. Six lesser	26	02 126
known African rhipicephalids.	26	93-136 3-6
The experimental transmission of Theileria ovis by Rhipicephalus evertsi	27	3-0
Ticks in the South African Zoological Survey collection. Part X.	28	125-132
Rhipicephalus muhlensi.	20	125-132
Rickets		
Studies in mineral metabolism. XXXVII. The influence of variations in the		
dietary phosphorus and in the CA: P ratio on the production of rickets	8	375-416
in cattle.	0	373-410
Rickettsia  Chemical blood studies. III. Comparative studies on "laked" and		
"unlaked" blood filtrates of sheep in health and during heartwater		
(Rickettsia ruminantium infection) and bluetongue (catarrhal fever).	1	285-334
A Rickettsia-like organism and an unknown intracellular organism of the	-	
conjunctival epithelium of goats.	4	389-398
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever	•	
group in South Africa. I. Isolation of strains.	13	19-24
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever		
group in South Africa. II. Morphology and cultivation.	13	25-40
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever		
group in South Africa. III. The disease in the experimental animal.		
Cross-immunity tests.	13	41-66
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever		
group in South Africa. IV. Discussion and classification.	13	67-78
A rickettsiosis new to South Africa.	13	287-292
TARKED CONTRACT		

Conjunctivitis of the domestic fowl and an associated Rickettsia-like		
organism in the conjunctival epithelium.  The pathological physiology of heartwater [Cowdria (Rickettsia)	14	469-480
ruminantium Cowdry, 1926]	29	25-34
Cowdry, 1926] Pathological changes	33	115-138
Studies on Rift Valley fever. — Passive and active immunity in lambs	29	3-10
Rinderpest		
Immunization against rinderpest with special reference to the use of dried goat spleen.	11	262.222
Rinderpest in buffaloes. The immunizing value of dried goat spleen.	11	263-332
Rinderpest in game. A description of an outbreak and an attempt at	15	175-186
limiting its spread by means of a bush fence.	20	7-24
The manufacture of anti-rinderpest spleen vaccine under field conditions in		
Tanganyika Territory.	20	123-136
Further investigations into immunization of cattle against rinderpest	21	7-16
Investigation into immunization of cattle against rinderpest in Tanganyika		
Territory.	22	231-254
Ring test		
The Brucella ring test for milk of individual cows and its value for		
determining their status of infection	25	(1) 39-48
Rocky-Mountain-Spotted-Fever		
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever		
group in South Africa. I. Isolation of strains.	13	19-24
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-		
Fever group in South Africa. II. Morphology and cultivation	13	25-40
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever		
group in South Africa. III. The disease in the experimental animal,		
Cross-immunity tests.	13	41-66
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever		
group in South Africa. IV. Discussion and classification.	13	67-78
Rodent		
South African helminths. VI. Some helminths chiefly from rodents.	12	75-102
Rumen		
Studies on the alimentary tract of Merino sheep in South Africa. V. The		
motility of the rumen under various conditions.	11	361-384
Studies on the alimentary tract of Merino sheep in South Africa. VI. The		
role of infusoria in ruminal digestion with some remarks on ruminal		
	17	61-88
Studies on the alimentary tract of Merino sheep in South Africa. X. Notes on the digestion of some sugars in the rumen of sheep.	4.0	
on the digestion of some sugars in the rumen of sheep  Studies on the alimentary tract of Merino sheep in South Africa. XVI. The	18	131-138.
fate of nitrate in ruminal ingesta as studied in vitro.		
Studies on the alimentary tract of Merino sheep in South Africa. XII. A	22	357-372
technique for the counting of ruminal bacteria		005 500
Studies on the alimentary tract of Merino sheep in South Africa. XIV. The	23	385-388
effect of some commonly used antifermentatives on the <i>in vitro</i>		
formation of gas in ruminal ingesta and its bearing on the pathogenesis		
of bloat.	23	200.204
CONTRACTOR ENGINEERING *** CONTRACTOR *** CONTRACTO	23	389-394

Studies on the alimentary tract of Merino sheep in South Africa. XV. The influence of different factors on the rate of cellulose digestion (a) in the	22	395-409
rumen and (b) in ruminal ingesta as studied in vitro	23	393-409
organisms from the rumen contents of sheep fed on a lucerne diet.  Studies on the alimentary tract of the Merino sheep in South Africa.	24	119-124
XVIII. The effect of fasting on the activity of the ruminal flora of sheep and cattle.	25	(1) 51-58
Studies on the alimentary tract of the Merino sheep in South Africa. XIX.  The influence of sulphanilamide on the activity of the ruminal flora of		
sheep and cattle	25	(1) 59-66
The failure of the rumen musculature to respond to carbamyl choline chloride when paralysed by potassium cyanide.	25	(1) 67-72
Studies on the alimentary tract of Merino sheep in South Africa. XXII. The	0.5	(1) 00.00
effect of the pH of the ruminal contents on ruminal motility	25	(1) 79-92
The microscopic vascular pattern of the ruminal wall in Ovis aries	33	233-238
The effect of high levels of sodium bicarbonate in the drinking water of		
sheep on rumen function	33	315-324
Wild antelopes as carriers of nematode parasites of domestic ruminants. III.	1	77-92
The significance of reflex salivation in relation to froth formation and		044.050
acute bloat in ruminants.	26	241-250
Physiological studies on eructation in ruminants	26	251-284
Studies on salivary lipase in young ruminants	32	153-180
Studies on salivary lipase in young ruminants	32	153-180
Salmonella		
Salmonella bovis-morbificans (Basenau) from an outbreak of		
food-poisoning in the Cape Province.	8	351-358
The antigenic structure of Salmonella obtained from domestic animals and		
birds in South Africa	13	79-192
Serological variants of Salmonella typhimurium isolated from South		
African animals.	13	293-306
Further studies on the antigenic structure of paratyphoid bacilli with		
special reference to three new species of Salmonella	16	103-114
Environmentally induced changes in Salmonella cultures	30	85-94
The role of carbon dioxide as stimulant and attractant to the sand tampan	21	59-68
Ornithodoros savignyi (Audouin).	31	37-00
The use of saponin spore vaccine for inoculation against anthrax in South	12	279-304
Africa	12	213-304
Sauroplasma thomasi		
A new piroplasm (Sauroplasma thomasi n.g. n. sp.) of a lizard (Zonurus	9	289-300
giganteus Smith).	7	207-300
Scab		
Researches into dips and dipping. A. Lime-sulphur dips. Paper V. The		
minimum effective concentration of lime-sulphur dips for sheep scab	2	239-242
eradication.		20,5-2-12

An evaluation of the acaricidal properties of Aldrin and Dieldrin for the	0.5	026 220
control of sheep scab.	26	225-230
Schizosaccharomyces		
Studies on the alimentary tract of Merino sheep in South Africa. XVII. On		
the identity of "Schizosaccharomyces ovis". Part 1. Some yeastlike	24	119-124
organisms from the rumen contents of sheep fed on a lucerne diet	24	119-124
Selenosis		
A preliminary report on the occurrence of selenosis in South Africa and		
its possible role in the actiology of tribulosis (geeldikkop), enzootic		
icterus and some other disease conditions encountered in the Karoo		
areas.	29	111-135
A survey of the occurrence of potentially harmful amounts of selenium in		
the vegetation of the Karoo	34	161-218
Semen		
The significance of the cytoplasmic droplet in the disintegration of semen		
in Guernsey bulls	33	169-184
Senecio		
The Senecio alkaloids. 1. The isolation of isatidine from Senecio retrorsus		
and Senecio isatideus	12	155-166
The Senecio alkaloids. Part 2. Hydrogenation, hydrolysis and structural		
results of isatidine.	14	433-450
Senecio alkaloids. Part 3. Chemical investigations upon the Senecio species		
responsible for "bread poisoning". The isolation of senecionine from		
Senecio ilicifolius Thunb. and a new alkaloid "rosmarinine" from		
Senecio rosmarinifolina Linn.	15	241-250
The Senecio alkaloids. Part 4. Platyphylline, the active principle of Senecio		
adnatus D.C.	15	251-260
South African Senecio alkaloids. Part 5. Notes on isatidine, rosmarinine		
and pterophine and on the structure of their necines and necic acids.	16	149-168
South African Senecio alkaloids. Part 6. The toxic alkaloids of Senecio		2.7.200
sceleratus sp.nov. Schweikerdt.	17	181-190
The alkaloids of Senecio bupleuroides D.C.	22	291-296
The alkaloids of Senecio paucicalyculatus Platt.	22	297-300
Serum	22	231-300
An electrophoresis apparatus for the rapid routine analysis of sera and		
other protein solutions.	20	159-164
The cytopathogenic action of bluetongue virus on tissue cultures and its	20	133-104
application to the detection of antibodies in the serum of sheep	27	171-178
The use of tissue culture propagated bluetongue virus for complement	21	1/1-1/0
	30	170 100
fixation studies on sheep sera.	27	179-182
Contributions to the study of blood constituents in domestic animals in		
South Africa. 6. Normal values for serum protein fractions in sheep as	2.4	622.646
obtained by electrophoresis on cellulose acetate strips	34	633-646
Sex dimorphism		
Investigations into sex dimorphism during nuclear interphase of the		
Argasid tick, Ornithodoros savignyi (Audouin, 1827)	33	99-105
Sex physiology		
Sex physiology of pigs	Suppl.2	3-218
Studies in sex physiology. No. 10. The situation of the developing foetus in		
the Merino sheep.	2	657-666

Studies in sex physiology. XI. The relationship between a corpus luteum			
verum and the corresponding pregnant horn.	3		133-136
Studies in sex physiology. No. 12. The situation of the developing foetus	J		133-130
and the relationship between the pregnant horn and the corresponding			
corpus luteum verum.	3		477-486
Studies in sex physiology. No. 13. The changing proportions of the Merino			
lamb from the second to the fifth month of prenatal life	4		481-494
Sex physiology of sheep.	6		465-718
Studies in sex physiology. No. 14. The situation of the developing foetus in			
the uterus of the live Merino sheep.	7		227-238
Studies in sex physiology. No. 15. Further observations on the body			
weight and crown rump length of Merino foetuses.	7		239-250
Studies in physiology. No. 16. Surface area in the foetus of the Merino			
sheep	7		251-260
Studies in sex physiology. No. 17. The extent of the gravid Merino uterus			
in relation to the vertebral column in the dorsal, recumbent position			
and the weight of the gravid uterus and foetus in relation to the general			
body weight.	7		261-276
Studies in sex physiology. No. 18. On the growth of the gravid uterus in			
the Merino.	8		417-430
Studies in sex physiology. No. 19. The influence of age on (a) amount and			
(b) nature and composition of the allantoic and amniotic fluids of the			
Merino ewe.	9		205-224
Observation on the gestation period of Ronderib-Afrikaner sheep	12		251-260
Bionomic studies on cattle in the semi-arid regions of the Union of South			
Africa. IV. The ovarian cycle of heifers during summer.	16		213-242
Sex physiology of sheep. Studies on the nature of the onset of oestrus in	2.5		040.000
ewes following a period of sexual inactivity.	16		243-262
Observations on artificial insemination of sheep with fresh and stored	16		263-298
semen	16		203-290
	16		299-314
its relation to air, skin and body temperature	10		277-314
sheep during oestrus, dioestrus, and pregnancy, with some remarks on			
its influence on sex-determination, and the influence of the vaginal			
temperature at the time of mating on conception.	17		105-114
A note on the results of an attempt to fertilize Native goat ewes with sheep	~ .		100 111
rams.	17		115-122
Further observations on the scrotal skin temperature of the bull, with some			
remarks on the intratesticular temperature.	17		123-140
The effects of diethyl-stilboestrol and pregnant mare serum on the oestrous			
cycle of Merino ewes.	18		139-148
The sperm picture of rams of different breeds as an indication of their			
fertility. II. The rate of sperm travel in the genital tract of the ewe	22		415-525
The influence of delayed breeding on the fertility of beef heifers	24		125-354
The oestrous cycle of the mare when maintained under stabled conditions			
with restricted exercise at Onderstepoort.	25	(1)	105-120
Infertility in mares caused by ovarian dysfunction	26		285-313
Ovulatory failure in bovines	29		55-80
Ovum production: Action of various gonadotrophins in sheep and goats.	31		97-106

## Sexual maturity

Researches into sterility of cows in South Africa. The influence of (1) dry		
rations and (2) lack of exercise on sexual maturity and the duration of		
the ovarian cycle in beef heifers.	10	222.250
	12	233-250
Sheep		
The chemotherapy of oesophagostomiasis in sheep.	1	67-76
Studies on the alimentary tract of the Merino sheep in South Africa. I.		
Investigations into the physiology of deglutition.	1	117-134
A study of the duration of motility of spermatozoa in the different		
divisions of the reproductive tract of the Merino ewe.	1	135-148
Chemical blood studies. III. Comparative studies on "laked" and		
"unlaked" blood filtrates of sheep in health and during heartwater		
(Rickettsia ruminantium infection) and bluetongue (catarrhal fever).	1	285-334
Influence of regular dipping on the Merino sheep and its fleece	1	567-580
A study of wool from Merino stud rams	1	581-594
Anatomical studies. No. 39. A congenital meningeal lipoma in a sheep.	1	637-640
Chemical blood studies. VI. A serial study of a 12 months period of some		
organic constituents in "laked" and "unlaked" blood filtrates of		
healthy sheep (Merino) of various ages.	2	153-230
Researches into dips and dipping. A. Lime-sulphur dips. Paper V. The	~	200
minimum effective concentration of lime-sulphur dips for sheep scab		
eradication.	2	239-242
Investigations into the transmission of bluetongue in sheep during the	2	207212
season 1931-32.	2	509-564
Studies in sex physiology. No. 10. The situation of the developing foetus in	2	307-304
the Merino sheep.	2	657-666
	2	037-000
Heartwater in sheep. The Weil-Felix reaction and an investigation into the		
bacterial content of the blood with particular reference to the use of		
K-medium.	3	7-22
The influence of feed on the Merino sheep.	3	199-210
The determination of fleece density in the Merino sheep.	3	217-222
Anatomical studies. No. 41. Prenatal death in the Merino ewe associated		
with the cervix uteri.	3	235-236
Anatomical studies. No. 45. Synotus in a lamb and a pig foetus	3	245-248
Eperythrozoon ovis (sp.nov.) infection in sheep.	3	263-274
Preliminary note on the life history of Gaigeria pachyscelis (Raill. and		
Henry 1910) a hookworm of sheep.	3	347-350
Studies in mineral metabolism. XXXII. The effect of different forms of		
sulphur in the diet upon the growth and wool production of sheep	4	229-239
Studies in sex physiology. No. 13 - The changing proportions of the		
Merino lamb from the second to the fifth month of prenatal life	4	481-494
The lethal dose of toxins of some anaerobes for sheep.	5	61-64
Studies in mineral metabolism. XXXIII. Iodine in the nutrition of sheep		
(2nd report)	5	189-200
The operation of splenectomy in horses, cattle, sheep, goats, pigs, dogs and		
some S.A. antelopes. A summary of the results of 98 splenectomies	5	273-306
Crossbred lambs under Eastern Transvaal conditions.	5	309-322
The seasonal influence on Merino wool production.	5	323-328
The chemotherapy of oesophagostomiasis in sheep.	5	419-440
	~	417-140

Studies on the alimentary tract of Merino sheep in South Africa. II.		
Investigations on the physiology of deglutition.	5	485-500
Studies on the alimentary tract of sheep in South Africa. III. The influence		
of bowel anastomosis on the general nutritional state of Merino sheep.	5	501-516
Sex physiology of sheep.	6	465-718
Pasteurellosis. An outbreak amongst sheep.	7	113-132
Studies in mineral metabolism. XXXIV. The effect of sulphur upon the		
weight and wool production of sheep when food intake is not limited.	7	181-188
Studies in sex physiology. No. 14. The situation of the developing foetus in		
the uterus of the live Merino sheep.	7	227-238
Studies in sex physiology, No. 15. Further observations on the body	7	239-250
weight and crown-rump length of Merino foetuses	7	259-230
Studies in sex physiology. No. 16. Surface area in the foetus of the Merino sheep.	7	251-260
Studies in sex physiology. No. 17. The extent of the gravid Merino uterus	,	201 200
in relation to the vertebral column in the dorsal recumbent position and		
the weight of the gravid uterus and foetus in relation to the general		
body weight	7	261-276
A contribution to the study of the pathology of oesophagostomiasis in		
sheep	7	277-350
Studies on the photosensitization of animals in South Africa. IX. The bile		
flow of the Merino sheep under various conditions.	7	361-370
Anthelmintic tests chiefly with tetrachlorethylene for the removal of the		
hookworm, Gaigeria pachyscelis from infested sheep with observations.	_	000 440
on the effects of this drug on other parasitic nematodes	7	399-418
Studies in mineral metabolism. XXXV. The role of iodine in the nutrition	7	523-534
of sheep.	7 8	129-182
Observations on the morphology and life-history of Gaigeria pachyscelis	0	123-102
Raill. and Henry, 1910, a hookworm parasite of sheep and goats	8	183-212
Studies in sex physiology. No. 18. On the growth of the gravid uterus in	Ü	100 22
the Merino.	8	417-430
Eperythrozoonosis in sheep.	9	9-30
The effects of different carbon dioxide concentrations on the growth of		
virulent anthrax strains. Pathogenicity and immunity tests on		
guinea-pigs and sheep with anthrax variants derived from virulent		
strains.	9	49-70
Studies in sex physiology. No. 19. The influence of age on (a) amount and		
(b) nature and composition of the allantoic and amniotic fluids of the		
Merino ewe.	9	205-224
Wool studies. II. The frequency distribution of Merino wool fibre thickness	0	250 292
measurements.	9	259-282
Surfen C therapy in Trypanosoma congolense infection in bovines and	10	13-20
wool studies. III. The uniformity of a series of fibre thickness	10	10 20
measurements on a small sample of medium Merino wool.	10	445-468
The endogenous nitrogen metabolism of sheep with special reference to the	_ <del>-</del>	
maintenance requirement of protein.	11	131-140
Studies on the alimentary tract of Merino sheep in South Africa. IV.		
Description of experimental technique.	11	341-360
ACCORD 5031 491		

Studies on the alimentary tract of Merino sheep in South Africa. V. The motility of the rumen under various conditions.	11	361-384
Plant proteins. V. The biological value of lucerne and lucerne supplemented	11	301-304
by cystine in sheep	11	339-406
Africa.	12	9-20
Observation on the gestation period of Ronderib-Africander sheep Observations on the life history of Bunostonum trigonocephalum a	12	251-260
hookworm of sheep and goats	12	305-320
proportions of muscle, fat and bone	12	379-550
Eperythrozoon ovis to the blesbuck (Damaliscus albifrons)	13	9-18
estimation of the maintenance requirement of sheep.	13	219-228
The biological value of white fish meal as determined on growing sheep and	10	261 260
rats	13	361-368
Prenatal growth in the Merino sheep.	13 13	401-416 417-558
Treatment against lungworms (Dictyocaulus filaria) in sheep.	14	111-114
Marshallagia marshalli (Ransom 1907) Orloff, 1933, and a new species of		
this genus from sheep in South Africa.	14	115-122
Iodine in the nutrition of sheep (Final report)	14	329-334
The dry matter consumption of sheep on natural grazing in the Transvaal  The utilization by sheep of the proteins contained in the natural grazing	14	403-414
during different seasons of the year	14	415-420
to the maintenance protein requirements of sheep.	15	187-196
The utilization of the protein of Somerset beans by rats and sheep A study on the possibility of cystine synthesis in the rumen of sheep	15	211-224
together with the effect of cystine supplementation on the nitrogen		
utilization of lucerne in young stock	16	181-190
ewes following a period of sexual inactivity.	16	243-262
Observation on artificial insemination of sheep with fresh and stored semen.	16	-263-298
Studies on the alimentary tract of Merino sheep in South Africa. VI - The role of infusoria in ruminal digestion with some remarks on ruminal	16	
bacteria.  Studies on the photosensitization of animals in South Africa. XI. The	17	61-88
reaction of the sensitized Merino skin to radiation in different regions of		
the spectrum.  The hydrogen-ion concentration of the vaginal secretion of the Merino sheep during oestrus, dioestrus, and pregnancy, with some remarks on its influence on sex-determination, and the influence of the vaginal	17	89-104
temperature at the time of mating on conception	17	105-114
rams.	17	115-122
Domsiekte or pregnancy disease in sheep. I. A review of the literature.	17	225-244
Domsiekte or pregnancy disease in sheep. II.	17	245-296
Land and the second sec	- 1	24J-270

Studies on the variation within the fleece of the characteristics of South		
African Merino wool, I, Tensile strength.	17	311-318
Studies on Merino wool production. Plainbodied and developed Merino		
sheep. I. The standard of production of a group of plainbodied stud ewes.	17	319-344
Studies on Merino wool production. Plainbodied and developed Merino		
sheep. II Fleece density tests on a group of extremely plainbodied		
Merino stud rams.	17	345-350
Sheep blowfly research. I A survey of maggot collections from live sheep		
and a note on the trapping of blowflies.	18	13-18
Sheep blowfly research. II Suint investigations.	18	19-26
Sheep blowfly research. III Studies on the olfactory reaction of sheep		
blowflies.	18	27-48
Sheep blowfly research. IV Field tests with chemically treated carcasses.	18	49-58
Sheep blowfly research. V Carcasses as sources of blowflies	18	59-72
Sheep blowfly research. VI The treatment of myiasis	18	73-84
Studies on the alimentary tract of Merino sheep in South Africa. VII.		
Fermentation in the forestomachs of sheep.	18	91-112
Studies on the alimentary tract of Merino sheep in South Africa. VIII. The		
pathogenesis of acute tympanites (bloat).	18	113-118
Studies on the alimentary tract of Merino sheep in South Africa. IX. The		
H-ion concentration in the forestomachs of fistula sheep under different		445.455
experimental conditions.	18	119-130
Studies on the alimentary tract of Merino sheep in South Africa. X. Notes	4.0	101 100
on the digestion of some sugars in the rumen of sheep.	18	131-138
The effects of diethyl-stilboestrol and pregnant mare serum on the oestrous	10	120 149
cycle of Merino ewes.	18	139-148
The influence of varying maize supplements on the digestibility of the		
cellulose in a poor veld hay in relation to the bacterial population of the	18	177-190
rumen of sheep with a note on the nitrogen metabolism.	18	191-196
Grass hay as a maintenance ration for sheep during winter	18	263-278
Domsiekte or pregnancy disease in sheep. IV. The effect of obesity on the	10	200 270
reaction of sheep to a sudden reduction in diet.	18	279-288
Chemical blood studies. IX. The fractional determination of the acetone		
bodies in blood and urine of sheep suffering from domsiekte	18	311-320
Sheep blowfly research. VII. Investigations in the Cape winter-rainfall areas.	19	71-78
The nutritive value of South African feeding stuffs. II. Digestible nutrients		
and metabolizable energy of lucerne hay at different planes of intake for		
sheep.	20	85-96
Studies on the alimentary tract of Merino sheep in South Africa, XIII. The		
role of prussic acid in the aetiology of acute bloat.	20	209-212
The effect of diet and body condition on the heat regulating system of the		
Merino sheep.	21	317-328
Further observations on the pathology of bluetongue in sheep	22	27-40
D.D.T. for the protection of sheep against blowfly strike	22	285-290
Studies on the water requirements of farm animals in South Africa. I. The		
effect of intermittent watering on Merino sheep.	22	335-344
Studies on the water requirements of farm animals in South Africa. II. The		
relation between water consumption, food consumption and atmospheric	44	****
temperature as studied on Merino sheep.	22	345-356

Studies on the alimentary tract of the Merino sheep in South Africa. XVI.			
The fate of nitrate in ruminal ingesta as studied in vitro	22		357-372
fertility. II. The rate of sperm travel in the genital tract of the ewe	22		415-525
Immunological studies on bluetongue in sheep	23		93-136
supplements of a mixture of concentrates and green feed Studies on the alimentary tract of Merino sheep in South Africa. XI.	23		239-260
Digestion and synthesis of starch by ruminal bacteria Studies on the alimentary tract of Merino sheep in South Africa. XII. A	23		367-384
technique for the counting of ruminal bacteria.	23		385-388
Studies on the alimentary tract of Merino sheep in South Africa. XIV. The effect of some commonly used antifermentatives on the <i>in vitro</i> formation of gas in ruminal ingesta and its bearing on the pathogenesis of			
bloat	23		389-394
rumen and (b) in ruminal ingesta as studied in vitro	23		395-409
yellow maize at different planes of intake for sheep.	24		57-66
Studies on the alimentary tract of Merino sheep in South Africa. XVII. On			
the identity of "Schizosaccharomyces ovis." Part I. Some yeastlike			
organisms from the rumen contents of sheep fed on a lucerne diet The use of egg attenuated bluetongue virus in the production of a	24		119-124
polyvalent vaccine for sheep. A. Propagation of the virus in sheep	25	(1)	3-16
Studies on the alimentary tract of the Merino sheep in South Africa. XVIII.  The effect of fasting on the activity of the ruminal flora of sheep and			
Studies on the alimentary tract of the Merino sheep in South Africa. XIX.  The influence of sulphanilamide on the activity of the ruminal flora of	25	(1)	51-58
sheep and cattle	25	(1)	59-66
The failure of the rumen musculature to respond to carbamylcholine		1	
chloride when paralysed by potassium cyanide	25	(1)	67-72
The toxicity of urea to sheep under different conditions	25	(1)	73-78
effect of the pH of the ruminal contents on ruminal motility Studies on the alimentary tract of the Merino sheep in South Africa, XXIII.  The effect of supplementing poor quality grass hay with molasses and	25	(1)	79-92
nitrogenous salts.	25	(1)	93-104
The influence of nutritional level on verminosis in Merino lambs	25	(1)	121-132
Studies on demyelinating diseases of sheep associated with copper deficiency. I. "Lamkruis", a demyelinating disease of lambs occurring in South Africa. II. A. biochemical investigation on the incidence of "lamkruis" in lambs in the Saldanha Bay, Vredenburg, and St. Helena			
Bay environs, III. Experimental studies, treatment and control measures.	25	(2)	35-78
The new synthetic insecticides as dressings for blowfly strike in sheep.	25	(4)	53-64
TIVE TIME IN THE THOUGHT WAS NO ASSESSED AND ASSESSED AND ASSESSED ASSESSED.			

The influences of the nature of the diet and of starvation on the concentration curve of sulphanilamide in the blood of sheep after oral			
dosing	25	(4)	75-84
efficiency of calcium and phosphorus utilization by sheep	25	(4)	85-92
organic insecticides	26		65-82
against blowfly strike in sheep.  An evaluation of the acaricidal properties of Aldrin and Dieldrin for the	26		221-224
control of sheep scab	26		225-230
length of wool at the time of treatment on the duration of protection  The protection of sheep against blowfly strike. III. The effect of different	26		405-408
formulations of gamma benzene hexachloride (B.H.C.)	26		409-426
nasal-fly, Oestrus ovis L. in the Union of South Africa	27		67-76
organic phosphorus compounds.  Alterations in the blood sugar and ketone levels caused by dosing acetate,	27		77-82
propionate and butyrate into the rumen of the sheep	27		101-109
application to the detection of antibodies in the serum of sheep The use of tissue culture propagated bluetongue virus for complement	27		171-178
fixation studies on sheep sera	27		179-182
protection of certain insecticides under field conditions	27		549-582
II. By sheep.	27		617-623 229-236
A study of the plasma sodium and potassium levels in normal Merino sheep.	28		237-244
The histopathology of Wesselsbron disease in sheep.	28		
The technique of adrenalectomy in the sheep.	28		257-262
Ovine ketosis. I. The normal ketone body values.	28		557-568
Studies on Rift Valley fever - Passive and active immunity in lambs.  Ovine ketosis. II. The effect of pregnancy on the blood ketone body levels	29		3-10
of well-fed ewes	29		107-110 259-268
body levels of wethers	29		
sheep	30		119-124 145-160
disease in sheep	30 30		161-168
levels of Merino wethers.			191-250
The embryological development of the pharyngeal region of the sheep Contributions to the study of blood constituents in domestic animals in South Africa. 1: Normal values for methaemoglobin, reductase, erythrocyte fragility, blood glutathione, plasma catalase and the total	30		191-230
erythrocyte pyridine nucleotides in sheep.	31		77-90
The excretion of biuret in the urine of sheep fed biuret.	31		91-96

Ovum production: Action of various gonadotrophins in sheep and goats.  Investigations into the pH stability of bluetongue virus and its survival in	31	97-106
mutton and beef.	31	109-118
The epizootiology of nematode parasites of sheep in the Karoo	31	133-142
The epizootiology of nematode parasites of sheep in the coastal area of the		
Eastern Province.	31	143-150
The epizootiology of nematode parasites of sheep in the Border Area	31	151-162
Multiplication of an attenuated RVII strain (Type SAT1 <sub>2</sub> ) of foot-and-mouth disease virus in sheep.	33	15-24
Ovine ketosis. V. Ketone body and blood glucose levels of Merino ewes during the preclinical, clinical and postclinical stages of pregnancy	33	13-24
disease	33	161-168
Ovine ketosis. VI. The effect of starvation on the blood levels of ketones	33	101-100
and glucose in pregnant ewes from the Karoo and the Highveld regions of		
South Africa.	33	305-314
The effect of high levels of sodium bicarbonate in the drinking water of		
sheep on rumen function.	33	315-324
Contributions to the study of blood constituents in domestic animals in		
South Africa. 2. Normal values for the activity of some enzymes of the		
Embden-Meyerhof pathway and tricarboxylic acid cycle occurring in the		
plasma of sheep	33	325-336
Contributions to the study of blood constituents in domestic animals in		
South Africa. 3. Normal values for the activity of		
glyceraldehyde-phosphate dehydrogenase and glucose-6-phosphate		
dehydrogenase in the erythrocytes of sheep.	33	337-342
The production of a basic immunity against pulpy kidney disease	34	65-80
The duration of immunity to pulpy kidney disease of sheep	34	333-344
Host-parasite relationships of Paramphistomum microbothrium Fischoeder,		
1901, in experimentally infested ruminants, with particular reference to		
sheep.	34	451-540
Contributions to the study of blood constituents in domestic animals in		
South Africa. 6. Normal values for serum protein fractions in sheep as		
obtained by electrophoresis on cellulose acetate strips.	34	633-646
A study of the effects of thyro-parathyroidectomy in young and mature		
sheep.	34	647-672
The epizootiology of helminth infestation in sheep in the south-western		
districts of the Cape.	35	159-194
An anthelmintic test for larval stages of sheep nematodes.	35	287-298
Biochemical studies on geeldikkop and enzootic icterus.	35	319-576
	1	631 633
Ketosis of the skin in cattle	1	631-632
Bioclimatological studies on white rats in South Africa. No. 1. Skin cancer		
in rats following continued exposure to sunlight.	23	349-366
Skull conformation	4.3	349-300
Anatomical studies, No. 62. On the effect of debudding on skull		
conformation.	8	487-499
Slangkop	Ģ	70 /~477
Urginea capitata Baker - the berg slangkop, its toxic effects on ruminants,		
with a brief botanical survey of area.	2	681-689
		302 903

Transvaalin, a cardiac glycoside isolated from Urginea burkei, Bkr.	25	(4) 102 102
(Transvaal slangkop).	25	(4) 123-133
Sodium		157-162
The toxicity of sodium chlorate.	1	425-438
The colorimetric determination of sodium in vegetation.  A study of the plasma sodium and potassium levels in normal Merino	1	423-436
sheep	28	229-236
The effect of high levels of sodium bicarbonate in the drinking water of		
	33	315-324
sheep on rumen function.	50	720 7-1
Solanaceae  A chemical investigation of the constituents of Nicotiana glauca R. Grah.		
A chemical investigation of the constituents of Pricotana guarta K. Clair.	22	301-312
(Solanaceae) (Wild tobacco).	22	301 312
Solar radiation	15	343-430
South African solar radiation survey 1937-38	13	545-450
Some aspects of solar radiation in its relation to cattle in South Africa and	10	327-354
Europe.	18	
The influence of solar radiation on the course of bluetongue	20	29-56
The absorptivity for solar radiation of different coloured hairy coats of		
cattle	20	223-234
Solids-not-fat		
The effect of type of feed on the solids-not-fat content of milk	4	167-198
Somerset beans		
The utilization of the protein of Somerset beans by rats and sheep.	15	211-224
Spermatozoa		
A study of the duration of motility of spermatozoa in the different		
divisions of the reproductive tract of the Merino ewe.	1	135-148
The sperm picture of rams of different breeds as an indication of their		
fertility. II. The rate of sperm travel in the genital tract of the ewe.	22	415-425
Spinal reflex physiology		
The use of the South African frog (Xenopus laevis) in the study of spinal		
reflex physiology.	34	619-632
Spinose ear tick Zoological survey of the Union of South Africa. Tick Survey: Part XI -		
Zoological survey of the Union of South Africa. The bury.	27	605-610
Distribution of Otobius megnini, the spinose ear tick	21	
Spirochaeta		
The transmission of Spirochaeta theileri to a blesbuck (Damaliscus	5	7-8
albifrons).	3	7-0
Spleen (1. Parameter stained		
A contribution to the cytology of the spleen: the Romanovsky-stained	25	(2) 79-142
bovine spleen smear.	25	(2) 79-142
Splenectomy		
The operation of splenectomy in horses, cattle, sheep, goats, pigs, dogs and		
some S.A. antelopes. A summary of the results of 98 splenectomies	5	273-306
The appearance of Bartonella muris M. Mayer 1921 in the albino and wild		
rat after splenectomy.	10	41-48
The parasiticidal effect of aureomycin (Lederle) on Babesia equi (Laveran		
1899) in splenectomised donkeys.	26	175-182
Springbuck		
The susceptibility of the springbuck (Antidorcas marsupialis) to		
heartwater.	20	25-28
APW STATE OF THE S		

Parafilaria bassoni spec. nov. from the eyes of springbuck (Antidorcas		
marsupialis)	29	165-168
Stable flies		
New concepts on the epidemiological features of bovine besnoitiosis as		
determined by laboratory and field investigations (mechanical		
transmission by stable flies)	35	3-138
An improved method of staining lipides: acetic-carbol-sudan	19	169-177
A contribution to the cytology of the spleen: the Romanowsky-stained		103 117
bovine spleen smear.	25	(2) 79-142
A note on the staining of bacterial capsules.	25	(4) 51-52
Staphylococcus		(1)
The immunizing properties of a Staphylococcus aureus variant possessing		
surface antigen.	33	25-37
Starch		
Studies on the alimentary tract of Merino sheep in South Africa. XI,		
Digestion and synthesis of starch by ruminal bacteria.	23	367-384
Starvation		
The effect of intermittent starvation on calcification, food utilization and		
tissue composition	12	321-352
Statistics		
Curve fitting by the orthogonal polynomials of least squares	18	355-404
Contributions to the study of blood constituents in domestic animals in		
South Africa. 5. The dog: normal values for red cell counts,		
haemoglobin, blood sugar and blood urea nitrogen and a practical		
statistical method for evaluating such data.	33	353-362
Steenbuck		
Pereiraia raphiceri sp. nov. (Nematode: Ascaropsinae) from a steenbuck		
(Raphicerus campestris Thunberg, 1811)	30	133-136
Researches into sterility of cows in South Africa. The influence of: (i) dry		
rations, (ii) lack of exercise, and (iii) lack of sunlight on reproduction in		
beef heifers and cows.	6	710 773
Researches into sterility of cows in South Africa. The influence of (1) dry	0	719-772
rations and (2) lack of exercise on sexual maturity and the duration of		
the ovarian cycle in beef heifers.	12	233-250
Researches into sterility of cows in South Africa. The influence of (i) dry	12	233-230
rations, (ii) lack of exercise, and (iii) lack of sunlight, on reproduction		
of beef heifers and cows.	23	269-348
Stilboestrol	***	207-340
The effects of diethyl-stilboestrol and pregnant mare serum on the oestrous		
cycle of Merino sheep.	18	139-148
Stock		
Plant poisoning in stock and the development of tolerance.	1	149-156
Stock feed		
Lathyrus sativus, L. (chickling vetch, Khesari, Indian pea) as a stock food.	1	163-172
The fungus flora of stock feeds in South Africa.	34	439-450
Stomach worm		
On some helminths from the Nylghiae-Boselaphus tragocamelus (Pall.)		
with observations on the parasitic larval stages of the stomach worm		
(Ashworthius martinaglia sp. n.).	5	43-50

Streblidae A new African lousefly, Raymondia hardyi sp. n. (Streblidae, Pupipara).	26	427-430
Streptococcus		
The diagnosis of chronic streptococcus mastitis Reaction, chlorine,		
methylene blue and Hotis tests, and microscopic examination	16	69-102
Treatment and control of chronic streptococcus mastitis in bovines; results		
obtained in two herds	17	7-50
Strychnine		
The detection of strychnine in carcasses and corpses.	10	411-420
Styrylquinoline		
The intravenous administration of styrylquinoline in equine		
trypanosomiasis	4	287-290
Sugars Studies on the alimentary tract of Merino sheep in South Africa. X. Notes		
on the digestion of some sugars in the rumen of sheep.	18	131-138
	,,0	107 100
Suifilaria		
A hitherto unrecorded Filaria, Suifilaria suis, n.g., n.sp., from the domestic	9	85-90
pig in South Africa.	,	00 70
Sulphanilamide		
Studies on the alimentary tract of the Merino sheep in South Africa. XIX.		
The influence of sulphanilamide on the activity of the ruminal flora of	25	(1) 59-66
sheep and cattle.	23	(1) 33-00
Sulphur		
Researches into dips and dipping. A. Lime-sulphur dips. Paper IV. Further		
studies on the colorimetric method as a rapid means of control of	2	231-238
polysulphide solutions.	2	231-230
Researches into dips and dipping. A. Lime-sulphur dips. Paper V. The		
minimum effective concentration of lime-sulphur dips for sheep scab	•	239-242
eradication.	2	239-242
Researches into dips and dipping. A. Lime-sulphur dips. Paper VI. A survey		243-266
of the behaviour of lime-sulphur dips under field conditions.	2	243-200
Studies on the origin of sulphur in wool. I. A study of the Sullivan		261 269
technique for cystine.	2	361-368
Sulphur metabolism. 1. The absorption and excretion of flowers of	4	199-228
sulphur.	4	199-228
Studies in Mineral Metabolism. XXXII. The effect of different forms of		229-239
sulphur in the diet upon the growth and wool production of sheep	4	229-239
Studies on the origin of sulphur in wool. II. A cuprous mercaptide method	4	453-462
for the determination of cystine or cysteine.	4	433-402
The effect of supplements of different forms of sulphur to the diet upon	-	177-188
the wool of Merino sheep.	5	1//-100
Studies in mineral metabolism. XXXIV. The effect of sulphur upon the	-	101 100
weight and wool production of sheep when food intake is not limited.	7	181-188
Sulphur metabolism. II. The distribution of sulphur in the tissues of rats	-	100 100
fed rations with and without the addition of elementary sulphur.	7	189-198
Sulphur metabolism. III. The effect of flowers of sulphur on the growt 1 of	_	100 000
young rats fed an otherwise well-balanced ration	7	199-208
Sulphur metabolism. IV. The oxidation and reduction of elementary	-	209-226
sulphur by animal tissues in vitro.	7	207-220

Sulphur metabolism. V. The effect of elementary sulphur on fertility,		
reproduction and lactation in the white rat.	10	221-228
Sulphur metabolism. VI. The effect of various levels of fats and proteins in		
the ration on the toxicity of elementary sulphur	11	107-112
Sulphur metabolism. VII. The effect of the acid-base balance of the ration		
on the toxicity of elementary sulphur.	11	113-120
Sulphur metabolism. VIII. The effect of incomplete rations on the toxicity		
of elementary sulphur.	11	121-130
The toxicity of some dipping fluids containing arsenic and sulphur	11	247-255
The origin of sulphur in wool. III. An improved cuprous mercaptide	4.4	461 460
method for the determination of cystine in material low in cystine Superphosphate	14	461-468
Defluorination of aqueous solutions of superphosphate for use in animal	0.5	(0) 02 07
nutrition	25	(3) 93-97
Surfen C therapy in Trypanosoma congolense infection in bovines and		
ovines. Sweating sickness	10	13-20
Studies on the aetiology of sweating sickness	27	197-204
Sweating sickness: the present state of our knowledge.	28	3-38
Swine		
Cysticercosis in swine and bovines with special reference to South African		
conditions	9	337-572
The occurrence of Eperythrozoon parvum Splitter 1950 in South African		
swine	25	(4) 5-6
A case of swine erysipelas in the Union of South Africa.	20	57-60
Swine fever		
Swine fever in South Africa.	14	31-96
Sylvicapra grimmi		
Cytauxzoon sylvicapra gen. nov., spec. nov., a protozoon responsible for a	22	(2.7)
hitherto undescribed disease in the duiker (Sylvicapra grimmi, Linné).  Syncerus	23	63-76
The pathology of <i>Cordophilus sagittus</i> (v. Linstow, 1907) infestation in the		
kudu [Tragelaphus strepsiceros (Pallas, 1766)] bushbuck [Tragelaphus		
scriptus (Pallas, 1766)] and African buffalo [Syncerus caffer		
(Sparrmann, 1779) in South Africa.	34	137-160
Synotus	•	20. 400
Anatomical studies. No. 45 Synotus in a lamb and a pig foetus.	3	245-248
Tabanid flies		
New concepts on the epidemiological features of bovine besnoitiosis as		
determined by laboratory and field investigations (mechanical		
transmission by tabanid flies).	35	3-138
Taenia		
South African helminths. Part II. Some taenias from wild carnivores.	10	253-280
Tapeworm		
On two new Catenotaenia tapeworms from a South African rat with		
remarks on the species of the genus.	29	11-20
Temperature		
A preliminary note on the temperature of the scrotal skin of the bull and	10	200 214
its relation to air, skin and body temperature.	16	299-314

Further observations on the scrotal skin temperature of the bull, with some		
remarks on the intratesticular temperature.	17	123-140
Tetrachlorethylene		
Anthelmintic tests chiefly with tetrachlorethylene, for the removal of the		
hookworm Gaigeria pachyscelis from infested sheep, with observations		
on the effects of this drug on other parasitic nematodes	7	399-418
A tetrachlorethylene emulsion as an anthelmintic.	13	193-200
Theileria		
Bovine theileriases in South Africa with special reference to Theileria		
mutans	8	9-128
Pigment metabolism. II. Determinations of bilirubin and carotinoids in the		
plasma, and of coproporphyrin in the urine and faeces of cattle		
experimentally infected with Theileria parva	18	297-304
The experimental transmission of Theileria ovis by Rhipicephalus evertsi	27	3-6
A discussion on the classification of the Theileridae.	27	7-18
Theileriosis, gonderiosis and cytauxzoonosis. A review.	27	275-430
Studies on the lesions and pathogenesis of East Coast fever (Theileria parva		401 450
infection) in cattle, with special reference to the lymphoid tissue	27	431-452
Bovine cerebral theileriosis. A report on two cases occurring in the Union.	27	453-461
Thermocouples		
Thermocouples for temperature measurements on skin surfaces and in		
living tissue.	17	141-164
Thyroidectomy		
A study of the effects of thyro-parathyroidectomy in young and mature		
sheep.	34	647-672
Tickbite fever		
The transmission of tickbite fever by the dog tick Rhipicephalus		0.10
sanguineus, Labr	16	9-18
Tick paralysis		460.000
Tick paralysis in the Karoo areas of South Africa.	28	169-228
Ticks		
The transmission of Aegyptionella pullorum Carpano to fowls by means of		15.00
ticks belonging to the genus Argas	2	15-20
South African Ticks. Part I.	Z	49-100
Researches into dips and dipping. C. Miscellaneous. The effect of dosing	2	267-270
aloes to tick-infested cattle.	3	23-42
A search for tick parasites in South Africa.	Ť	15-34
The transmission of louping ill by ticks (Rhipicephalus appendiculatus).	5	13-34
The transmission of heartwater to and from blesbuck (Damaliscus	9	37-48
albifrons) by means of the bont tick (Amblyomma hebraeum)	,	37-10
Description of a tick Rhipicephalus glabroscutatum, sp. nov. (Ixodidae),	16	115-120
from Karoo areas of the Union of South Africa.	70	113-120
Ticks in the South African Zoological Survey collection - Part I. Ixodes	17	51-60
alluaudi Neumann 1913, a primitive tick parasitic on shrews	18	85-90
Ticks in the South African Zoological Survey collection, Part II Immunization of cattle against heartwater and the control of the	10	55 70
tick-borne diseases, redwater gallsickness and heartwater.	20	137-158
Ticks in the South African Zoological Survey collection. Part III. The		
ornate Aponomias	20	165-178
ornate Aponominas		

Ticks in the South African Zoologien Survey collection. Part IV. The inornate Aponommas.	20	179-190
Ticks in the South African Zoological Survey collection. Part V. Three African haemaphysalids parasitic on domestic stock	20	191-208
Ticks in the South African Zoological Survey collection. Part VI. Little known African rhipicephalids	21	253-300
Zoological survey of the Union of South Africa: Tick Survey. Part II.  Distribution of Boophilus (Palpoboophilus) decoloratus, the blue tick.	22	255-268
Zoological survey of the Union of South Africa: Tick Survey. Part III.  Distribution of Rhipicephalus appendiculatus, the brown tick	22	269-284
Zoological survey of the Union of South Africa. Tick Survey. Part 1.  Amblyomma hebraeum.  Zoological survey of the Union of South Africa. Part 4. Distribution of	23	217-232
Rhipicephalus capensis.  Zoological survey of the Union of South Africa. Part 5. Distribution of	24	7-32
Rhipicephalus evertsi, the red tick	24	33-36
Distribution of the Ixodids, I. pilosus and I. rubicundus.  The lethal effect of some insecticides on the B.H.C. resistant blue tick,	24	37-52
Boophilus decoloratus Koch.	25	(4) 65-68
A new African tick parasite, Hunterellus theilerae sp. n Zoological survey of the Union of South Africa. Tick Survey. Part VII.	26	61-64
Distribution of <i>Haemaphysalis leachi</i> , the yellow dog tick Ticks in the South African Zoological survey collection. Part VII Six	26	83-92
lesser known African Rhipicephalids	26	93-136
and Ruanda Urundi, from Angola, and from Northern Rhodesia Ticks in the South African Zoological Survey collection. Part VIII. Two	26	447-462
East African ticks	27	83-99
diseases	27	115-164
distribution of the three South African Hyalommas or bontpoots Zoological Survey of the Union of South Africa. Tick Survey. Part X.	27	239-269
Distribution of Margaropus winthemi, the winter horse tick Zoological Survey of the Union of South Africa. Tick Survey. Part XI.	27	599-604
Distribution of Otobius megnini, the spinose ear tick.  Ticks in the South African Zoological Survey collection. Part IX. The	27	605-610
Amblyomma marmoreum group	28	47-124 125-132
Rhipicephalus muhlensi.  Ticks in the South African Zoological Survey collection. Part XI.	28	
Ornithodoros eboris n. sp.  Ticks in the South African Zoological Survey collection. Part XII. The	28	145-154
genera Boophilus Curtice, 1891 and Margaropus Karsch, 1879 Investigations into the cold resistance of the eggs and larvae of Boophilus decoloratus (Koch, 1844), Boophilus microplus (Canestrini, 1888) and	34	81-108
Margaropus winthemi Karsch, 1879.  Ticks in the South African Zoological Survey collection: Part XIII.  Gynanders of Boophilus decoloratus (Koch, 1844) and Ambiyomma	34	109-128
hebraeum (Koch, 1844).	34	541-546

Tissue composition			
The effect of intermittent starvation on calcification, food utilization and			
tissue composition.	12		321-352
Tissue cultures			
The cytopathogenic action of bluetongue virus on tissue cultures and its			
application to the detection of antibodies in the serum of sheep	27		171-178
The use of tissue culture propagated bluetongue virus for complement	_,		
fixation studies on sheep sera.	27		179-182
Tobacco			
A chemical investigation of the constituents of <i>Nicotiana glauca</i> R. Grah.			
(Solanaceae) (Wild tobacco).	22		301-312
Tolerance			001011
Plant poisoning in stock and the development of tolerance	1		149-156
Plant poisoning in stock and the development of tolerance.	3		119-124
	4		417-420
Plant poisoning of stock and the development of tolerance	4		417-420
Toxicity  The standard for disputable and a second	1		157-162
The toxicity of sodium chlorate.	3		359-416
The toxicity of plants in South Africa.	5		441-444
The toxicity of pumpkin seed (Cucurbita pepo L.)			467-474
The toxicity of trypan blue.	5		
The toxicity of oil of turpentine for domestic animals.	9		591-600
Sulphur metabolism. VI. The effects of various levels of fats and proteins	1.1		107 112
in the ration on the toxicity of elementary sulphur.	11		107-112
Sulphur metabolism. VII - The effect of the acid-base balance of the ration			110 100
on the toxicity of elementary sulpnur.	11		113-120
Sulphur metabolism. VIII The effect of incomplete rations on the	4.4		101 100
toxicity of elementary sulphur.	11		121-130
The toxicity of some dipping fluids containing arsenic and sulphur	11		247-255
Studies on the alimentary tract of the Merino sheep in South Africa. XXI.			
The toxicity of urea to sheep under different conditions	25	(1)	73-78
Toxicology	_		100 156
The detection of strychnine in carcasses and corpses.	5		139-176
Some aspects of the toxicology of hydrocyanic acid in ruminants.	19	445	79-160
Studies on the pharmacology and toxicology of Acovenoside	25	(4)	69-74
Toxin			
The antigenic compounds of toxins of Cl. botulinum types C and D	5		65-78
The toxin of Clostridium chauvoei	7		433-484
The beta toxin of Clostridium welchii Type B, Wilsdon, in relation to the			
production of a vaccine against lamb dysentery	28		495-550
Trachypharynx			
On Trachypharynx natalensis sp. nov. and some associated genera of			
nematodes	29		159-164
Tragelaphus			
The pathology of Cordophilus sagittus (v. Linstow, 1907) infestation in the			
kudu [Tragelaphus strepsiceros (Pallas, 1766)] bushbuck [Tragelaphus			
scriptus (Pallas, 1766)] and African buffalo [Syncerus caffer (Sparrman,			
1779)] in South Africa.	34		137-160
Trematodes			
The identity of so-called Paramphistomum cervi and P. explanatum, two			
common species of ruminant trematodes in South Africa.	26		463-473

Clinostomid trematodes as aberrant parasites in the mouth of the domestic		
cat (Felis catus domesticus)	30	137-144
(Trematoda: Paramphistomidae) from Hippopotamus amphibius	33	73-76
Tribulosis	33	73-76
A preliminary report on the occurrence of selenosis in South Africa and its possible role in the aetiology of tribuloses (geeldikkop), enzootic icterus and some other disease conditions encountered in the Karoo		
areas	29	111-135
Studies on photosensitization of animals in South Africa. II. The presence		
of a lethal factor in certain members of the plant genus Tribulus.	1	469-490
Some physiological aspects of the genus Tribulus.	10	367-394
Comparative study of the content of starch and sugars of Tribulus		
terrestris, lucerne, some gramineae and Pentzia incana under different meteorological, edaphic and physiological conditions.	26	(2) 45.02
Trichodectidae	25	(3) 45-92
Notes on species of Trichodectidae with descriptions of new genera and		
species.	7	33-58
Further notes on species of Trichodectidae with descriptions of new	4.6	
species	12	103-120
Trichonema (Cylicodontophorus) schürmanni sp. nov. from a zebra (Equus		
burchelli Gray, 1924).	20	160 150
Trichostrongylidae	29	169-172
Bigalkenema namaquensis gen. and sp. nov., a trichostrongylid worm from		
sheep	30	119-123
Haemonchus krugeri sp. nov. (Nematoda: Trichostrongylidae) from an	30	115-125
impala (Aepyceros melampus).	31	53-58
The pathological physiology of helminth infestations. III. Trichostrongylus		-
colubriformis	35	195-224
Trichuris		
Trichuris species from South African rodents and a hyracoid.	28	465-472
The toxicity of trypan blue.  Trypanosoma sp.	5	467-474
The trypanosome infection of Glossina pallidipes in the Umfolozi Game		
Reserve, Zululand.	2	7-24
The symptomatology and treatment of Trypanosoma congolense infection		
of canines.	4	247-250
Symptomatology of some trypanosomiases of domestic animals.	4	251-268
The treatment of T. brucei infection of equines with antimosan	4	281-284
Antimosan fastness of T. congolense.	4	285-286
The intravenous administration of styrylquinoline in equine		
trypanosomiasis.	4	287-290
Surfen C. therapy in Trypanosoma congolense infection in bovines and		
ovines	10	13-20
Auto-sterilization in trypanosomiases.	10	21-28
The demonstration and transmission of the South African strain of		
Trypanosoma equiperdum of horses.	23	41-58

and the state of the by chamical		
Trypanosomiasis in Zululand and the control of tsetse flies by chemical means.	26	317-388
•		
Tryptophane  The biological value of the proteins of maize supplemented with lysine and		
tryptophane	15	197-204
Trypanosomiasis in Zululand and the control of tsetse flies by chemical		
means	26	317-388
The influence of the tsetse fly eradication campaign on the breeding		
activity of Glossinae and their parasites in Zululand.	26	389-398
The parasites of tsetse flies in Zululand with special reference to the		
influence of the hosts upon them.	26	399-404
New concepts on the epidemiological features of bovine besnoitiosis as		
determined by laboratory and field investigations (mechanical		
transmission by tsetse flies)	35	3-138
Tubal ova		
Persistence and parthenogenetic cleavage of tubal ova in the mare	33	195-231
Tuberculosis		
A note on strains of tuberculosis from the Cape kudu	19	23-28
The tuberculin test in guinea-pigs and cattle. The allergic response of		
animals to tuberculin and to extracts of non-pathogenic acid-fast		
bacteria	19	29-70
Tuberculosis in man, an animal health problem.	25	(3). 7-38
Comparative intradermal tests between concentrated P.P.D. and diluted		
P.P.D. turberculins in relation to non-specific tuberculin reactors	26	207-220
Studies on tuberculosis in dogs, and on a case of human tuberculosis		
contracted from a dog.	27	227-228
Tumours		
The incidence and pathology of tumours of domesticated animals in South		
Africa, A study of the Onderstepoort collection of neoplasms with		
special reference to their histopathology.	6	3-460
The cytology of the contagious (venereal) tumour of the dog.	20	97-118
Turkevs		
Mites, hitherto unrecorded in South Africa, collected in Natal from fowls,		
pigeons, turkeys, guinea-fowls, wild birds and rabbits.	22	51-76
Turpentine		
The toxicity of oil of turpentine for domestic animals.	9	591-600
Tympanites		
Studies on the alimentary tract of Merino sheep in South Africa. VIII. The		440 440
pathogenesis of acute tympanites (bloat)	18	113-118
Studies on the alimentary tract of Merino sheep in South Africa. XIII. The		200.012
role of prussic acid in the aetiology of acute bloat	20	209-212
Typhus-Rocky-Mountain-Spotted-Fever		
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever	10	10.24
group in South Africa. 1. Isolation of strains.	13	19-24
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever	4.0	25.40
group in South Africa. II. Morphology and cultivation.	13	25-40
Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever		
group in South Africa. III, The disease in the experimental animal.	13	41-66
Cross-immunity tests.	13	71-00

Studies of the Rickettsias of the Typhus-Rocky-Mountain-Spotted-Fever group in South Africa. IV. Discussion and classification.	13	67-78
Tyto alba	1,5	07.70
On Habronema murrayi (sp. n.) from the barn owl, Tyto alba.	3	351-358
Uitpeuloog		
Studies on specific oculo-vascular myiasis of domestic animals		
(uitpeuloog). I. Historical review.	29	81-88
Studies on specific oculo-vascular myiasis of domestic animals		
(uitpeuloog). II. Experimental transmission.	29	203-210
Studies on specific oculo-vascular myiasis of domestic animals		
(uitpeuloog). III. Symptomatology, pathology, aetiology and		
epizootiology	29	211-240
Studies on specific oculo-vascular myiasis (uitpeuloog) of domestic		
animals. IV. Chemotherapy.	33	297-304
Ultracentrifugation		
The particle size of African horsesickness virus as determined by		
ultra-filtration and ultra-centrifugation.	16	33-50
The particle size of bluetongue virus as determined by ultra-filtration and		
ultra-centrifugation.	23	137-148
Ultra-filtration		
The particle size of African horsesickness virus as determined by	16	22.60
ultra-filtration and ultra-centrifugation.	16	33-50
The particle size of bluetongue virus as determined by ultra-filtration and	22	127 140
ultra-centrifugation.	23	137-148
Urachus	3	251 252
Anatomical studies. No. 47, Pervious urachus in a buil calf.	3	251-252
Urea		
Chemical blood studies. II. The determination of urea in animal filtrates	1	279-284
(laked and unlaked)	1	217-204
The toxicity of urea to sheep under different conditions	25	(1) 73-78
	20	(1) /0 /0
Contributions to the study of blood constituents in domestic animals in		
South Africa. 5. The dog: normal values for red cell counts, haemoglobin, blood sugar and blood urea nitrogen and a practical		
statistical method for evaluating such data.	33	353-362
Urease test	33	333-302
A urease test for characterizing Brucella strains	29	151-158
		101 100
Urginea  Urginea capitata Baker — the berg slangkop, its toxic effects on ruminants,		
with a brief botanical survey of area.	2	681-689
The cardiac glycoside from Urginea rubella. Baker. Part I. Isolation and	_	001 007
properties of rubellin.	22	313-320
Transvaalin, a cardiac glycoside isolated from Urginea burkei, Bkr.		
(Transvaal slangkop)	25	(4) 123-133
The cardiac glycoside from Urginea rubella Baker. Part II. Hydrolysis of		
rubellin and pro-rubellin	26	141-148
Urinary calculi		
Water poisoning in man and animal together with a discussion on urinary		
calculi.	12	167-232

Urine		
Poisoning by voided urine.	17	201-206
The excretion of biuret in the urine of sheep fed biuret	31	91-96
Vaccine	-	
Horsesickness: Immunization of horses and mules in the field during the		
season 1934-35 with a description of the technique of preparation of		
polyvalent mouse neurotropic vaccine	7	17-32
The preparation of anthrax spore vaccines (for cattle and sheep) in South		
Africa	12	9-20
The use of saponin spore vaccine for inoculation against anthrax in South		
Africa.	12	279-304
The use of anthrax vaccines prepared from avirulent (uncapsulated)		
variants of Bacillus anthracis	13	307-312
Rinderpest in buffaloes. The immunizing value of dried goat spleen		
vaccines.	15	175-186
Some remarks on blackquarter vaccines	19	17-22
The manufacture of anti-rinderpest spleen vaccine under field conditions in		
Tanganyika Territory.	20	123-136
Avirulent anthrax vaccine.	21	41-44
The use of egg-attenuated bluetongue virus in the production of a		
polyvalent vaccine for sheep, A. Propagation of the virus in sheep	25	(1) 3-16
Fowl-pox vaccination in South Africa with egg propagated fowl and		
pigeon-pox viruses.	25	(1) 17-30
Newcastle disease vaccination: the use of live virus after inactivated		
vaccine.	25	(4) 29-40
Strain 19 Brucella vaccine. 1. Production of vaccine by the shake-flask		
technique	27	205-214
Strain 19 Brucella vaccine. II. The preparation of freeze-dried live vaccine.	27	215-226
Strain 19 Brucella vaccine. V. Mass production in the Brucella vortex		
aerated culture.	27	539-548
The beta toxin of Clostridium welchii, Type B, Wilsdon, in relation to the		
production of a vaccine against lamb dysentery.	28	495-550
Vaginitis		
Isolation in mice and embryonated hen's eggs of a virus associated with		
vaginitis of cattle	26	479-484
Vegetable diet		
The vegetable diet theory of Glossina pallidipes.	2	101-114
Vegetation		
A survey of the occurrence of potentially harmful amounts of selenium in		
the vegetation in the Karoo.	34	161-218
Vein anastomosis		
A technique for thoracic duct-portal vein anastomosis in the dog.	33	239-241
Vermeerbos		
Chemical studies upon the vermeerbos Geigeria aspera Harv. I. Isolation of	_	104 805
a bitter principle "Geigerin".	7	485-506
Chemical studies upon the vermeerbos Geigeria aspera Harv. II. Isolation of	_	-AM -AA
the active principle "vermeeric acid".	7	507-522
Vermeeric acid		
Chemical studies upon the vermeerbos, Geigeria aspera Harv. II. Isolation		500 500
of the active principle "vermeeric acid".	7	507-522

Verminosis			
The influence of nutritional level on verminosis in Merino lambs.	25	(1)	121-132
The Onderstepoort Veterinary Research Laboratory, 1908 – 1958	28		569-646
An appreciation, on the retirement of Dr. R.A. Alexander.	29	(2)	(i-vi)
Arnold Theiler: an inspiring memory.	34	(-)	3-6
Virus			
The immunization of mules with formalized horsesickness virus. II.	1		21-24
The immunization of horses by the use of formalized horsesickness virus.			
П	1		25-50
The immunization of horses and mules against horsesickness by means of			
the neurotropic virus of mice and guinea pigs.	2		375-392
Studies on the neurotropic virus of horsesickness. I. – Neurotropic fixation.	4		291-322
Studies on the neurotropic virus of horsesickness, II Some physical and			
chemical properties.	4		323-348
Studies on the neurotropic virus of horsesickness. III. – The intracerebral	7		323-340
protection test and its application to the study of immunity	4		349-378
Studies on the neurotropic virus of horsesickness. IV.— The pathogenesis in	7		347-370
horses	4		379-388
Studies on the neurotropic virus of horsesickness. V. The antigenic	7		317-300
response of horses to simultaneous, trivalent immunization.	7		11-16
Studies on the neurotropic virus of horsesickness. VI, Propagation in the	,		11-10
developing chick embryo.	11		9-22
The susceptibility of cattle to the virus of bluetongue.	15		149-158
Studies on the neurotropic virus of horsesickness. Transmitted immunity.	16		19-32
The particle size of African horsesickness virus as determined by	10		15-32
ultra-filtration and ultra-centrifugation.	16		33-50
The electrophoresis of the neurotropic virus of horsesickness and its	10		33-30
neutralizing antibodies in low concentration.	16		51-68
The attenuation of bluetongue virus by serial passage through fertile eggs.	21		231-242
The propagation of bluetongue virus in the developing chick embryo with	-		
particular reference to the temperature of incubation.	22		7-26
The diffusion constant and molecular weight and shape of neurotropic			
horsesickness virus.	22		41-50
The particle size of bluetongue virus as determined by ultra-filtration and		4	
ultra-centrifugation.	23		137-148
Preliminary note on the cultivation of Green's distemperoid virus in fertile			
hen eggs.	23		149-156
The use of egg attenuated bluetongue virus in the production of a			
polyvalent vaccine for sheep. A. Propagation of the virus in sheep	25	(1)	3-16
Fowl-pox vaccination in South Africa with egg-propagated fowl and			
pigeon-pox viruses.	25	(1)	17-30
Newcastle disease vaccination: the use of live virus after inactivated			
vaccine.	25	(1)	29-40
The isolation of virus in mice from cases of horsesickness in immunized			
horses.	26		183-196
The stability of neurotropic African horsesickness virus in solutions of			
different chemical compositions.	26		197-206
Isolation in mice and embryonated hen's eggs of a virus associated with			
vaginitis of cattle.	26		479-484

Canine distemper Immunization with avianised virus	27	19-54
Complement fixation with horsesickness viruses.	27	165-170
The cytopathogenic action of bluetongue virus of tissue cultures and its		
application to the detection of antibodies in the serum of sheep	27	171-178
The use of tissue culture propagated bluetongue virus for complement		
fixation studies on sheep sera.	27	179-182
Wesselsbron virus - a virus not previously described, associated with		
abortion in domestic animals.	27	183-196
Immunological types of horsesickness virus and their significance in		
immunization	27	465-538
The histology of the cytopathogenic changes produced in monolayer		
epithelial cultures by viruses associated with lumpy skin disease	28	245-256
A preliminary antigenic classification of strains of bluetongue virus	28	357-364
The isolation and identification of further antigenic types of African		
horsesickness virus.	29	139-150
The ability of Group III viruses associated with infectivity in cattle in		
South Africa to infect the respiratory tract	31	3-10
Investigations into the pH stability of bluetongue virus and its survival in		
mutton and beef	31	109-118
Bluetongue in cattle: typing of viruses isolated in cattle exposed to natural		
infections	32	3-6
Electron microscopic studies on lumpy skin disease virus type Neethling	33	3-8
Observations on a strain of bluetongue virus by electron microscopy	33	9-14
Multiplication of an attenuated RVII strain (Type SATI2) of		
foot-and-mouth disease virus in sheep.	33	15-24
Studies on bovine ephemeral fever. I. Isolation and preliminary		
characterization of a virus from natural and experimentally produced		
cases of bovine ephemeral fever	34	29-40
The serological relationship of South African bovine enterovirus strains		
(Ecbo SA-I and II) and the growth characteristics in cell culture of the		
prototype strain (Ecbo SA-I)	34	41-52
Purification and physico-chemical characterization of Ecbo-virus Type		
SA-I	34	53-64
Plaque formation by bluetongue virus	34 35	317-332 139-150
Electron microscopic study of the formation of bluetongue virus	35	151-158
Electron microscopic studies on reovirus Type I in BHK 21 cells	55	101 100
Depletion of substantial vitamin A-reserves in growing rats.	18	149-156
Feeding vitaminized peanut butter to rats to confirm chemical assays of		
vitamin A	18	157-176
The stability of vitamin A in synthetic vitamin A concentrates (acetate or		
palmitate). I. In phosphatic stock licks with and without trace		
elements.	29	269-278
Water poisoning		
Water poisoning in man and animal together with a discussion on urinary		
calculi.	12	167-232
Warthogs		
Observations on helminths parasitic in warthogs and bushpigs	31	11-38
Water requirements		
Studies on the water requirements of farm animals in South Africa. I. The		
effect of intermittent watering on Merino sheep.	22	335-344

Studies on the water requirements of farm animals in South Africa. II. The relation between water consumption, food consumption, and		
atmospheric temperature as studied on Merino sheep	22	345-356
Watery whites of eggs. Report of preliminary investigations	1	529-566
watery-whites	5	329-346
Poisoning of human beings by weeds contained in cereals (bread		
poisoning)	1	219-268
Wesselsbron virus — a virus not previously described, associated with		
abortion in domestic animals.	27	183-196
The histopathology of Wesselsbron disease in sheep.	28	237-244
Wheat bran		
The biological values of the proteins of oats, barley, wheat bran and		
pollard.	15	205-210
Whipworms		
Whipworms from South African ruminants.	9	91-100
Wildebeest		
Bovine anaplasmosis. The transmission of Anaplasma marginale to a black		
wildebeest (Conochaetes gnu)	5	9-14
The blesbuck (Damaliscus albifrons) and the black wildebeest		
(Conochaetes gnu) as carriers of heartwater	5	35-42
Studies on the relationship between Besnoitia of blue wildebeest and		
impala, and Besnoitia besnoiti of cattle	34	7-28
Wild tobacco		
A chemical investigation of the constituents of Nicotiana glauca R. Grah.		
(Solanaceae) (wild tobacco)	22	301-312
Wool		
A study of wool from Merino stud rams	.1	581-594
Researches into dips and dipping. D. Effect of dips on wool. Paper I. The		
effect of arsenical dips on wool	2	271-300
Studies on the origin of the sulphur in wool. I. A study of the Sullivan		
technique for cystine.	2	361-368
The influence of feed on the Merino sheep.	3	199-210
Further notes on lumpy wool in South Africa	3	211-216
The determination of fleece density in the Merino sheep.	3	217-222
Fibre fineness of South African Merino wool.	3	223-234
Studies in mineral metabolism. XXXII. The effect of different forms of		
sulphur in the diet upon the growth and wool production of sheep.	4	229-239
Studies on the origin of sulphur in wool. II. A cuprous mercaptide method		
for the determination of cystine or cysteine.	4	453-462
The influence of pregnancy and lactation on Merino wool production	4	551-558
The effect of supplements of different forms of sulphur to the diet upon		
the wool of Merino sheep.	5	177-188
The seasonal influence on Merino wool production.	5	323-328
A freak Merino fleece.	5	517-518
Wool studies: I. The variation and interdependence of Merino fleece and		
fibre characteristics.	5	519-530

Studies in mineral metabolism. XXXIV. The effect of sulphur upon the		
weight and wool production of sheep when food intake is not limited.	7	181-188
Wool studies.II. The frequency distribution of Merino wool fibre thickness		
measurements	9	259-282
The extraction of wool-grease.	10	229-236
Wool studies. III. The uniformity of a series of fibre thickness		
measurements on a small sample of medium Merino wool.	10	445-468
Methods for determining length in the Merino fleece.	12	261-272
The cystine content of Merino wool in relation to its physical attributes.	13	237-242
Notes on the determination of the fibre fineness of a Merino wool staple.	13	401-416
The origin of sulphur in wool. III. An improved cuprous mercaptide		454 450
method for the determination of cystine in material low in cystine.	14	461-468
Studies on the basic characteristics of South African Merino wool. I.	1.5	212 224
Breaking strength and tensile strength.	15	313-324
Studies on the basic characteristics of South African Merino wool. II.	15	325-332
Specific gravity	13	323-332
Moisture absorption.	15	333-342
Studies on the basic characteristics of South African Merino Wool. IV. –	13	333-342
Scaliness.	16	543-554
Studies on the variation within the fleece of the characteristics of South	10	0.000
African Merino wool. I – Tensile strength.	17	311-318
Studies on Merino wool production. Plainbodied and developed Merino		
sheep, I The standard of production of a group of plainbodied stud		
ewes.	17	319-344
Studies on Merino wool production. Plainbodied and developed Merino		
sheep. II Fleece density tests on a group of extremely plainbodied		
Merino stud rams	17	345-350
The recovery of potassium carbonate from wool scouring liquor and the		
conversion of the recovered potassium carbonate to commercial		
potassium sulphate, using naturally occurring gypsum as sulphate		
source.	18	321-326
A study of the compressibility of wool with special reference to South	01	00.226
African Merino wool.	21 24	99-226 355-359
Studies on wool grease and suint. I. The refractive index of wool grease.	. 24	333-339
The protection of sheep against blowfly strike. II. – The influence of the	26	405-408
length of wool at the time of treatment on the duration of protection.  Xenopus	20	403-400
The use of the South African frog (Xenopus laevis) in the study of spinal		
reflex physiology.	34	619-632
Zebra		
Trichonema (Cylicodontophorus) schürmanni sp. nov. from a zebra (Equus		
burchelli Gray, 1924.	29	169-172
Zebu  Anatomical studies, No. 61. A comparison of two of the so-called Zebus	7	371-391
Zonurus		071071
A new piroplasm (Sauroplasma thomasi n.g., n. sp.) of a lizard (Zonurus		
giganteus Smith).	9	289-300
Zoonoses		
A checklist and hostlist of the zoonoses occurring in mammals and birds in		100.051
South and South West Africa.	32	189-374