

TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host			Region					Authorities			
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.	
<i>Oesophogostomum columbianum</i>	Bovidae	<i>Connochaetes gnou</i> (Zimmermann).	Black wildebeest..	Zool. gardens	o	+	o	o	o	o	Le Roux, 1930; Ortlepp, 1961	
		<i>Connochaetes taurinus</i> (Burchell).	Blue wildebeest...	Sporadic*	o	o	o	o	o	o	Ortlepp, 1961	
		<i>Damaliscus albifrons</i> (Burchell).	Blesbuck.....	Zool. gardens Sporadic	o	+	o	o	o	o	o	Le Roux, 1930 Mönnig, 1932; Ortlepp, 1961
		<i>Kobus ellipsiprymnus</i> (Ogilby).	Waterbuck.....	Zool. gardens Sporadic	o	+	o	o	o	o	o	Le Roux, 1930 Mönnig, 1931
		<i>Oryx gazella</i> (Linn.).	Gemsbuck.....	Zool. gardens	o	+	o	o	o	o	o	Le Roux, 1930
		<i>Ozanna equina</i> (Desmarest).	Roan antelope..	Sporadic*	o	o	o	o	o	o	o	Ortlepp, 1961
		<i>Ozanna grandicornis</i> (Hermann).	Sable antelope....	Sporadic*	o	o	o	o	o	o	o	Ortlepp, 1961
		<i>Pelea capreolus</i> (Forster).	Rhebuck.....	Sporadic *	o	o	o	o	o	o	o	Mönnig, 1931; Ortlepp, 1961
		<i>Raphicerus campestris</i> (Thunberg).	Steenbuck.....	Zool. gardens	o	+	o	o	o	o	o	Le Roux, 1930
		<i>Redunca arundinum</i> (Boddaert).	Reedbuck.....	Sporadic*	o	o	o	o	o	o	o	Mönnig, 1931; Ortlepp, 1961
		<i>Sylvicapra grimmia</i> (Linn.).	Duiker.....	Zool. gardens	o	+	o	o	o	o	o	Le Roux, 1930; Ortlepp, 1961
		<i>Tragalaphus scapellatus</i> (Pallas).	Bushbuck.....	Sporadic*	o	o	o	o	o	o	o	Ortlepp, 1961

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TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host				Region					Authorities	
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.	E.		S.
Ancylostomidae <i>Ancylostoma caninum</i> Ercolani, 1859.	Carnivora Canidae	<i>Canis familiaris</i> Linn.	Dog.....	Enzootic	+	+	+	+	+	°	Mönnig, 1923, 1928, 1934; Elsdon-Dew, 1954; Ortlepp, 1944
	Felidae.....	<i>Felis catus</i> Linn.	Domestic cat.....	Enzootic	+	+	+	+	+	°	Mönnig, 1928, 1934; Elsdon- Dew, 1954
	Viverridae...	<i>Genetta felina</i> (Thunberg).	Genet cat.....	Sporadic	°	+	°	°	°	°	Mönnig, 1923, 1928
	Mustelidae...	<i>Mellivora capensis</i> (Schreber).	Honey badger, ratel	Sporadic	°	+	°	°	°	°	Mönnig, 1923
"Sandworm" "Creeping Eruption" (Papule)	Primates. Hominiidae	<i>Homo sapiens</i> Linn.	Man.....	Endemic	+	+	+	+	+	°	Mönnig, 1934; Elsdon-Dew, 1954
<i>Ancylostoma braziliense</i> Gomes de Faria, 1910.	Canidae.....	<i>Canis familiaris</i> Linn.	Dog.....	Enzootic	+	+	+	+	+	°	Mönnig, 1923, 1928, 1934; Ortlepp, 1944; Elsdon-Dew, 1954; Kallichurum & Elsdon- Dew, 1961
	Felidae.....	<i>Felis catus</i> Linn.	Domestic cat.....	Enzootic	+	+	+	+	+	°	Mönnig, 1923, 1928, 1934; Elsdon-Dew, 1954
"Sandworm" "Creeping Eruption" (Typical lesions)	Hominiidae...	<i>Homo sapiens</i> Linn.	Man.....	Endemic	+	+	+	+	+	°	Mönnig, 1923, Cawston, 1930; De Meillon & Lavoipierre, 1944; Elsdon-Dew, 1954; Beaver, 1958; Kallichurum & Elsdon-Dew, 1961

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TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host			Region					Authorities		
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.
<i>Bunostomum trigonocephalum</i> (Rudolphi, 1808).	Bovidae.....	<i>Capra hircus</i> Linn.	Goat.....	Enzootic	+	+	+	+	+	°	Mönnig, 1928, 1934, 1944; Curson, 1928; Reinecke, 1964
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	+	+	+	+	+	°	Mönnig, 1928, 1934, 1944; Müller, 1961, 1962; Reinecke, 1964
		<i>Redunca arundinum</i> (Boddaert).	Reedbuck.....	Sporadic	°	+	°	°	°	°	°
<i>Gaigeria pachycelis</i> Railliet and Henry, 1910.	Bovidae.....	<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	+	+	°	+	°	+	Mönnig, 1928, 1934, 1944; Ortlepp & Mönnig, 1936; Reinecke, 1964
		<i>Capra hircus</i> Linn.	Goat.....	Enzootic	+	+	°	+	°	+	Mönnig, 1928, 1934, 1944; Reinecke, 1964
		<i>Aepyceros melampus</i> (Lichtenstein).	Impala.....	Sporadic*	°	°	°	°	°	°	°
Trichostrongyli- dae <i>Trichostrongylus colubriformis</i> (Giles, 1892).	Bovidae.....	<i>Damaliscus albifrons</i> (Burchell).	Blesbuck.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961
		<i>Strepsiceros strepsiceros</i> (Pallas).	Kudu.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961
		<i>Bos taurus</i> Linn.	Ox.....	Enzootic	+	+	+	+	+	+	°
	Bovidae.....	<i>Capra hircus</i> Linn.	Goat.....	Enzootic	+	+	+	+	+	°	Mönnig, 1950; Reinecke, 1964
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	+	+	+	+	+	°	Mönnig, 1950; Müller, 1962; Reinecke, 1964

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TABLE 7 (b).--*Nematelminthes* (continued)

Parasite	Host			Region					Authorities			
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.	
<i>Trichostrongylus colubriformis</i>	Bovidae.....	<i>Antidorcas marsupialis</i> (Zimmermann).	Springbuck.....	Sporadic*	o	o	o	o	o	o	Ortlepp, 1961	
		<i>Damaliscus albifrons</i> (Burchell).	Blesbuck.....	Sporadic*	o	o	o	o	o	o	Ortlepp, 1961	
		<i>Kobus ellipsiprymnus</i> (Ogilby).	Waterbuck.....	Sporadic*	o	o	o	o	o	o	o	Ortlepp, 1961
		<i>Ozanna grandicornis</i> (Hermann).	Sable antelope...	Sporadic*	o	o	o	o	o	o	o	Ortlepp, 1961
<i>Trichostrongylus axei</i> (Cobbold, 1879).	Bovidae.....	<i>Bos taurus</i> Linn.	Ox.....	Enzootic	+	+	+	+	+	+	Mönnig, 1950; Reinecke, 1964	
		<i>Capra hircus</i> Linn.	Goat.....	Enzootic	+	+	+	+	+	+	Mönnig, 1928, 1934; Reinecke, 1964	
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	+	+	+	+	+	+	Mönnig, 1928, 1934; Reinecke, 1964; Müller, 1962	
<i>Trichostrongylus falculatus</i> Ransom, 1911.	Equidae.....	<i>Damaliscus albifrons</i> (Burchell).	Blesbuck.....	Sporadic	+	o	o	o	o	o	Mönnig, 1932; Ortlepp, 1961	
		<i>Equus caballus</i> Linn.	Horse.....	Enzootic	o	+	o	o	o	o	Theiler, 1923; Mönnig, 1928	
	Bovidae.....	<i>Capra hircus</i> Linn.	Goat.....	Enzootic	o	o	o	+	+	o	Mönnig, 1934; Reinecke, 1964	
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	o	o	o	+	+	o	Mönnig, 1928, 1934; Müller, 1962; Reinecke, 1964	
		<i>Antidorcas marsupialis</i> (Zimmermann).	Springbuck.....	Zool. gardens Sporadic	o	+	o	o	o	o	Le Roux, 1930; Ortlepp, 1961	
		<i>Damaliscus albifrons</i> (Burchell).	Blesbuck.....	Sporadic	+	o	o	o	o	o	Mönnig, 1932; Ortlepp, 1961	

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TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host			Region					Authorities			
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.	
<i>Trichostrongylus rigatus</i> Mönning, 1925.	Bovidae.....	<i>Capra hircus</i> Linn.	Goat.....	Enzootic	+	+	+	+	+	°	Mönning, 1925, 1934; Reinecke, 1964	
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	+	+	+	+	+	°	Mönning, 1925, 1934; Reinecke, 1964	
		<i>Antidorcas marsupialis</i> (Zimmerman).	Springbuck.....	Zool.	°	+	°	°	°	°	°	Le Roux, 1930; Ortlepp, 1961
		<i>Connochaetes gnou</i> (Zimmermann).	Black wildebeest..	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930; Ortlepp 1961
		<i>Connochaetes taurinus</i> (Burchell).	Blue wildebeest...	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930; Ortlepp, 1961
		<i>Kobus ellipsiprymnus</i> (Ogilby).	Waterbuck.....	Zool.	°	+	°	°	°	°	°	Le Roux, 1930; Ortlepp, 1961
		<i>Oryx gazella</i> (Linn.).	Gemsbuck.....	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930; Ortlepp, 1961
		<i>Raphicerus campestris</i> (Thunberg).	Steenbuck.....	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930; Ortlepp, 1961
		<i>Capra hircus</i> Linn.	Goat.....	Enzootic	°	°	°	°	+	+	°	Mönning, 1928, 1934; Reinecke, 1964
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	°	°	°	°	+	+	°	Mönning, 1928, 1934; Muller, 1962; Reinecke, 1964
		<i>Damaliscus albifrons</i> (Burchell).	Blesbuck.....	Sporadic*	°	°	°	°	°	°	°	Ortlepp, 1961
		<i>Strepsiceros strepsiceros</i> (Pallas).	Kudu.....	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930
<i>Taurotragus oryx</i> (Pallas).	Eland.....	Sporadic*	°	°	°	°	°	°	°	Ortlepp, 1961		

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TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host			Region					Authorities			
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.	
<i>Ostertagia trifurcata</i> Ransom, 1907.	Bovidae.....	<i>Capra hircus</i> Linn.	Goat.....	Enzootic	°	°	°	+	+	°	Mönnig, 1934; Muller, 1962; Reinecke, 1964	
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	°	°	°	+	+	°	Mönnig, 1934; Reinecke, 1964	
		<i>Damaliscaus albifrons</i> (Burchell).	Blesbuck.....	Sporadic	+	°	°	°	°	°	°	Mönnig, 1932; Ortlepp, 1961
<i>Ostertagia osterlagi</i> (Stiles, 1892).	Bovidae.....	<i>Bos taurus</i> Linn.	Ox.....	Enzootic	°	°	°	+	+	°	Mönnig, 1934; Reinecke, 1964	
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	°	°	°	+	+	°	Mönnig, 1928, 1934; Reinecke, 1964	
<i>Cooperia curticel</i> (Railliet, 1893).	Bovidae.....	<i>Capra hircus</i> Linn.	Goat.....	Enzootic	°	°	°	+	°	°	Mönnig, 1934; Reinecke, 1964	
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	°	°	°	+	°	°	Mönnig, 1934; Muller, 1962; Reinecke, 1964; Ortlepp, 1964	
		<i>Antidorcas marsupialis</i> (Zimmermann).	Springbuck.....	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930
		<i>Connochaetes gnou</i> (Zimmermann).	Black wildebeest..	Zool. gardens	°	+	°	°	°	°	Le Roux, 1930; Ortlepp, 1961	
		<i>Damaliscaus albifrons</i> (Burchell).	Blesbuck.....	Zool. gardens	°	+	°	°	°	°	Le Roux, 1930	
		<i>Kobus ellipsiprymnus</i> (Ogilby).	Waterbuck.....	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930
		<i>Oryx gazella</i> (Linn.).	Gemsbuck.....	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930
		<i>Ozanna equina</i> (Desmarest).	Roan antelope...	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930

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TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host			Region					Authorities		
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.
<i>Cooperia curticei</i>	Bovidae.....	<i>Ozanna grandicornis</i> (Hermann).	Sable antelope....	Zool. gardens	°	+	°	°	°	°	Le Roux, 1930
		<i>Redunca arundinum</i> (Boddaert).	Reedbuck.....	Zool. gardens	°	+	°	°	°	°	Le Roux, 1930; Ortlepp, 1961
<i>Cooperia punctata</i> (v. Linstow, 1907).	Bovidae.....	<i>Bos taurus</i> Linn.	Ox.....	Enzootic	°	+	°	°	°	°	Mönnig, 1928, 1934 Reinecke, 1960, 1964; Ortlepp, 1964
		<i>Ovis aries</i> Linn.	Sheep.....	Rarely seen	?	+	?	?	?	?	Mönnig, 1934; Ortlepp, 1964
		<i>Antidorcas marsupialis</i> (Zimmermann).	Springbuck.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961
		<i>Damaliscus albifrons</i> (Burchell).	Blesbuck.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961
		<i>Strepsiceros strepsiceros</i> (Pallas).	Kudu.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961
		<i>Syncerus caffer</i> (Sparrman).	African buffalo...	Zool. gardens	°	+	°	°	°	°	°
<i>Cooperia pectinata</i> Ransom, 1907.	Giraffidae....	<i>Giraffa camelopardalis</i> (Linn.).	Giraffe.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961
		<i>Bos taurus</i> Linn.	Ox.....	Enzootic	°	+	°	°	°	°	Mönnig, 1928, 1934 Reinecke, 1960, 1964; Ortlepp, 1964
		<i>Ovis aries</i> Linn.	Sheep.....	Rarely seen	?	+	?	?	?	?	Mönnig, 1934; Ortlepp, 1964
		<i>Antidorcas marsupialis</i> (Zimmermann).	Springbuck.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961

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TABLE 7 (b).—*Nemathelminthes* (continued)

Parasite	Host			Region					Authorities			
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.	
<i>Cooperia pectinata</i>	Bovidae.....	<i>Damalisca albifrons</i> (Burchell).	Blesbuck.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961	
		<i>Ozanna grandicornis</i> (Hermann).	Sable antelope...	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961	
		<i>Syncerus caffer</i> (Sparman).	African buffalo...	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930
		<i>Giraffa camelopardalis</i> (Linn.).	Giraffe.....	Sporadic*	°	°	°	°	°	°	°	Ortlepp, 1961
<i>Cooperia oncophora</i> (Railliet, 1898).	Bovidae.....	<i>Bos taurus</i> Linn.	Ox.....	Enzootic	°	°	°	+	°	°	Mönnig, 1934; Reinecke, 1964; Ortlepp, 1964	
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	°	°	°	+	°	°	Veglia, 1919; Mönnig, 1928, 1934; Müller, Reinecke, 1964	
<i>Cooperia antidorca</i> Mönnig, 1931.	Bovidae.....	<i>Antidorcas marsupialis</i> (Zimmermann)	Springbuck.....	Sporadic	°	+	°	°	°	°	Mönnig, 1931	
		<i>Ovis aries</i> Linn.	Sheep.....	Lab. tests	°	+	°	°	°	°	Mönnig, 1931	
<i>Cooperia fuelleborni</i> Hung, 1926.	Bovidae.....	<i>Aepyceros melanopus</i> (Lichtenstein).	Impala.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961	
		<i>Damalisca lunatus</i> (Burchell).	Sassaby.....	Ngamiland	°	°	°	°	°	°	Mönnig, 1932; Ortlepp, 1961	
		<i>Kobus ellipsiprymnus</i> (Ogilby).	Waterbuck.....	Sporadic	°	+	°	°	°	°	°	Mönnig, 1931; Ortlepp, 1961
		<i>Redunca arundinum</i> (Boddaert).	Reedbuck.....	Sporadic*	°	°	°	°	°	°	°	Ortlepp, 1961
		<i>Ovis aries</i> Linn.	Sheep.....	Lab. tests	°	+	°	°	°	°	Mönnig, 1931	

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TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host			Region					Authorities		
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.
<i>Cooperia hungi</i> (Mönnig, 1931).	Bovidae	<i>Aepyceros melampus</i> (Lichtenstein).	Impala	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961
		<i>Damaliscus lunatus</i> (Burchell).	Sassaby	Ngamiland	°	°	°	°	°	°	Mönnig, 1932; Ortlepp, 1961
		<i>Damaliscus pygargus</i> (Pallas).	Bontbok	Sporadic	°	°	+	°	°	°	Ortlepp, 1961
		<i>Kobus ellipsiprymnus</i> (Ogilby).	Waterbuck	Sporadic	°	+	°	°	°	°	Mönnig, 1931
		<i>Ovis aries</i> Linn.	Sheep	Lab. Tests	°	+	°	°	°	°	Mönnig, 1931
		<i>Strepsiceros strepsiceros</i> (Pallas).	Kudu	Sporadic	°	+	°	°	°	°	Mönnig, 1932; Ortlepp, 1961
<i>Cooperia neitzi</i> Mönnig, 1932.	Bovidae	<i>Redunca arundinum</i> (Boddaert).	Reedbuck	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961
		<i>Ovis aries</i> Linn.	Sheep	Lab. Tests	°	+	°	°	°	°	Mönnig, 1933
		<i>Antidorcas marsupialis</i> (Zimmermann).	Springbuck	Sporadic	°	+	°	°	°	+	Mönnig, 1931, 1932
<i>Cooperia serrata</i> Mönnig, 1931.	Bovidae	<i>Ovis aries</i> Linn.	Sheep	Lab. Tests	°	+	°	°	°	°	Mönnig, 1931
		<i>Bos taurus</i> Linn.	Ox	Rarely seen	°	°	°	+	°	°	Mönnig, 1944
		<i>Capra hircus</i> Linn.	Goat	Enzootic	+	°	°	°	+	°	Mönnig, 1928, 1934, 1944; Reinecke, 1964
<i>Nematodirus spathiger</i> (Railliet, 1896).	Bovidae	<i>Ovis aries</i> Linn.	Sheep	Enzootic	+	°	°	+	°	+	Mönnig, 1928, 1934, 1944; Reinecke, 1964

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TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host			Region					Authorities		
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.
<i>Haemonchus contortus</i> (Rudolphi, 1803).	Bovidae.....	<i>Bos taurus</i> Linn.†	Ox.....	Enzootic	+	+	+	+	+	°	Mönnig, 1928, 1934, 1944; Reinecke, 1960; Hobbs, 1961
		<i>Capra hircus</i> Linn.	Goat.....	Enzootic	+	+	+	+	+		Mönnig, 1928, 1934, 1944; Reinecke, 1964
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	+	+	+	+	+		Veglia, 1915, 1918; Mönnig, 1928, 1934, 1944; Müller, 1961, 1962; Rossiter, 1961
		<i>Aepyceros melampus</i> (Lichtenstein).	Impala.....	Zool. gardens	°	+	°	°	°		Le Roux, 1930; Ortlepp, 1961
		<i>Alcelaphus caama</i> (G. Cuvier)	Red hartebeest..	Sporadic*	°	°	°	°	°		Mönnig, 1933; Ortlepp, 1961
		<i>Antidorcas marsupialis</i> (Zimmermann).	Springbuck	Zool. gardens Sporadic	°	+	°	°	°		Le Roux, 1930
		<i>Connochaetes gnou</i> (Zimmermann).	Black wildebeest..	Zool. gardens	°	+	°	°	°		Mönnig, 1931, 1933; Ortlepp, 1961
		<i>Connochaetes taurinus</i> (Burchell).	Blue wildebeest ..	Sporadic	°	°	+	°	°		Le Roux, 1930; Ortlepp, 1961
		<i>Damaliscus a'bi-frons</i> (Burchell).	Blesbuck	Zool. gardens Sporadic	°	+	°	°	°		Curson, 1928; Ortlepp, 1961
		<i>Damaliscus lunatus</i> (Burchell).	Sassaby.....	Ngamiland	°	°	°	°	°		Le Roux, 1930
				°	°	°	°			Mönnig, 1931, 1932; Ortlepp, 1961	
				°	°	°	°			Mönnig, 1932; Ortlepp, 1961	

O. = Orange Free State; T. = Transvaal; N. = Natal; W. = Western Cape Province; E. = Eastern Cape Province; S. = South West Africa.

† = According to Reinecke, 1960. *H. contortus* described from cattle is *H. placei* (Place, 1893)

* = Locality given as South Africa.

TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host		Region					Authorities				
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.		W.	E.	S.	
<i>Haemonchus contortus</i>	Bovidae.....	<i>Kobus ellipsiprymnus</i> (Ogilby).	Waterbuck.....	Zool. gardens Sporadic	°	+	°	°	°	°	Le Roux, 1930 Mönnig, 1931; Ortlepp, 1961	
		<i>Oryx gazella</i> (Linn.)	Gemsbuck.....	Zool. gardens	°	+	°	°	°	°	Le Roux, 1930	
		<i>Ourebia ourebi</i> (Zimmermann).	Oribi.....	Sporadic*	°	°	°	°	°	°	Ortlepp, 1961	
		<i>Ozanna equina</i> (Desmarest).	Roan antelope...	Zool. gardens	°	+	°	°	°	°	°	Le Roux, 1930; Ortlepp, 1961
		<i>Ozanna grandicornis</i> (Hermann).	Sable antelope...	Zool. gardens Sporadic*	°	+	°	°	°	°	°	Le Roux, 1930 Mönnig, 1933; Ortlepp, 1961
		<i>Raphicerus campestris</i> (Thunberg).	Steenbuck.....	Zool. gardens Sporadic	°	+	°	°	°	°	°	Le Roux, 1930 Mönnig, 1931; Ortlepp, 1961
		<i>Redunca arundinum</i> (Boddaert).	Reedbuck.....	Zool. gardens Sporadic	°	+	°	°	°	°	°	Le Roux, 1930 Mönnig, 1931; Ortlepp, 1961
		<i>Strepsiceros strepsiceros</i> (Pallas).	Kudu.....	Sporadic*	°	°	°	°	°	°	°	Ortlepp, 1961
		<i>Sylvicapra grimmia</i> (Linn.).	Duiker.....	Sporadic*	°	°	°	°	°	°	°	Ortlepp, 1961
		<i>Syncerus caffer</i> (Sparman).	African buffalo...	Zool. gardens Sporadic	°	+	°	°	°	°	°	Le Roux, 1930 Curson, 1928

O. = Orange Free State; T. = Transvaal; N. = Natal; W. = Western Cape Province; E. = Eastern Cape Province; S. = South West Africa.
* = Locality given as South Africa.

TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host			Region					Authorities		
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.
<i>Haemonchus contortus</i>	Bovidae.....	<i>Taurotragus oryx</i> (Pallas).	Eland.....	Sporadic*	•	•	•	•	•	•	Ortlepp, 1961
		<i>Tragelaphus scriptus</i> (Pallas).	Bushbuck.....	Sporadic*	•	•	•	•	•	•	Mönnig, 1931; Ortlepp, 1961
	Giraffidae....	<i>Giraffa camelopardalis</i> (Linn.).	Giraffe.....	Sporadic*	•	•	•	•	•	•	Ortlepp, 1961
	Camelidae....	<i>Camelus bactrianus</i> Linn.	Camel.....	Sporadic*	•	•	•	•	•	•	Le Roux, 1930
	Bovidae.....	<i>Alcelaphus cacama</i> (G. Cuvier)	Red hartebeest..	Sporadic*	•	•	•	•	•	•	Mönnig, 1933; Ortlepp, 1961
		<i>Connochaetes gnou</i> (Zimmermann).	Black wildebeest..	Zool. gardens	•	+	•	•	•	•	Le Roux, 1930; Ortlepp, 1961
		<i>Connochaetes taurinus</i> (Burchell)	Blue wildebeest...	Sporadic*	•	•	•	•	•	•	Ortlepp, 1961
		<i>Damaliscus lunatus</i> (Burchell)	Sassaby.....	Ngamiland	•	•	•	•	•	•	Mönnig, 1932; Ortlepp, 1961
		<i>Kobus ellipsiprymnus</i> (Ogilby).	Waterbuck.....	Zool. gardens Sporadic	•	+	•	•	•	•	Le Roux, 1930 Mönnig, 1931; Ortlepp, 1961
		<i>Oreotragus oreotragus</i> (Zimmermann).	Klipspringer.....	Sporadic*	•	•	•	•	•	•	Ortlepp, 1961
	<i>Oryx gazella</i> (Linn.).	Gemsbuck.....	Zool. gardens	•	+	•	•	•	•	Le Roux, 1930	

O. = Orange Free State; T. = Transvaal; N. = Natal; W. = Western Cape Province; E. = Eastern Cape Province; S. = South West Africa.
* = Locality given as South Africa.

TABLE 7 (b).—*Nematelmithes* (continued)

Parasite	Host			Region					Authorities		
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.
<i>Haemonchus bedfordi</i>	Bovidae	<i>Redunca arundinum</i> (Boddaert)	Reedbuck	Sporadic*	o	o	o	o	o	o	Ortlepp, 1961
		<i>Syncerus caffer</i> (Spartman).	African buffalo . . .	Zool. gardens	o	+	o	o	o	o	Le Roux, 1930; Ortlepp, 1961
		<i>Ovis aries</i> Linn.	Sheep	Lab. Tests	o	+	o	o	o	o	Mönnig, 1931
Metastrongylidae <i>Dictyocaulus arnfieldi</i> (Cobbold, 1884).	Equidae	<i>Equus caballus</i> Linn.	Horse	Sporadic	o	+	o	o	o	o	Theiler, 1923; Mönnig, 1928
		<i>Equus asinus</i> Linn.	Donkey	Sporadic	o	+	o	o	o	o	Theiler, 1923
		<i>Equus burchelli</i> (Gray).	Zebra	Sporadic	o	+	o	o	o	o	Veglia, 1919; Mönnig, 1928
		<i>Bos taurus</i> Linn.	Ox	Enzootic	+	+	+	+	+	+	Theiler, 1923; Mönnig, 1944
<i>Dictyocaulus viviparus</i> (Bloch, 1782).	Bovidae	<i>Taurotragus oryx</i> (Pallas).	Eland	Sporadic*	o	o	o	o	o	o	Ortlepp, 1961
	Equidae	<i>Equus caballus</i> Linn.	Horse	Sporadic*	o	o	o	o	o	o	Theiler, 1923
	Bovidae	<i>Ovis aries</i> Linn.	Sheep	Enzootic	+	+	+	+	+	+	Mönnig, 1928, 1940, 1944
<i>Dictyocaulus filaria</i> (Rudolphi, 1809).	Bovidae	<i>Capra hircus</i> Linn.	Goat	Enzootic	+	+	+	+	+	+	Mönnig, 1944
		<i>Ovis aries</i> Linn.	Sheep	Enzootic	o	o	o	o	o	o	Mönnig, 1934, 1944
		<i>Capra hircus</i> Linn.	Goat	Enzootic	o	o	o	o	o	o	Reinecke, 1964
<i>Muellerius capillaris</i> (Mülier, 1889).	Bovidae	<i>Capra hircus</i> Linn.	Goat	Enzootic	o	o	o	o	o	o	Mönnig, 1934, 1944
	Gastropoda	Species concerned not recorded	Snails and slugs . . .	Enzootic	o	o	o	o	o	o	Mönnig, 1934 Reinecke, 1964

O. = Orange Free State; T. = Transvaal; N. = Natal; W. = Western Cape Province; E. = Eastern Cape Province; S. = South West Africa.
* = Locality given as South Africa

TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host			Region					Authorities		
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.		E.	S.
<i>Spiruroidea</i> <i>Spiruridae</i> <i>Habronema muscae</i> Carter, 1861.	Equidae.....	<i>Equus caballus</i> Linn.	Horse.....	Enzootic	+	+	+	+	+	°	Theiler, 1923; Mönnig, 1928, 1934
		<i>Equus burchelli</i> (Gray).	Zebra.....	Sporadic*	°	°	°	°	°	°	Theiler, 1923; Mönnig, 1928
		<i>Musca domestica</i> Linn.	Common house fly	Enzootic	+	+	+	+	+	+	°
<i>Habronema megastoma</i> (Rudolphi, 1819).	Equidae.....	<i>Equus caballus</i> Linn.	Horse.....	Enzootic	+	+	+	+	+	°	Theiler, 1923; Mönnig, 1928, 1934
		<i>Equus burchelli</i> (Gray).	Zebra.....	Sporadic*	°	°	°	°	°	°	Theiler, 1923; Mönnig, 1928
<i>Habronema microstoma</i> (Schneider, 1866).	Muscidae.....	<i>Musca domestica</i> Linn.	Common house fly	Enzootic	+	+	+	+	+	°	Mönnig, 1934
		<i>Equus caballus</i> Linn.	Horse.....	Enzootic	+	+	+	+	+	°	Theiler, 1923; Mönnig, 1928, 1934
		<i>Equus asinus</i> Linn.	Donkey	Enzootic	+	+	+	+	+	°	Theiler, 1923
<i>Habronema microstoma</i> (Schneider, 1866).	Muscidae.....	<i>E. caballus</i> X <i>E. asinus</i>	Mule	Enzootic	+	+	+	+	+	°	Theiler, 1923
		<i>Fagus burchelli</i> (Gray).	Zebra.....	Sporadic*	°	°	°	°	°	°	Theiler, 1923
		<i>Stomoxys calcitrans</i> Geoffroy.	Stable fly	Enzootic	+	+	+	+	+	+	°

O. = Orange Free State; T. = Transvaal; N. = Natal; W. = Western Cape Province; E. = Eastern Cape Province; S. = South West Africa.
* = Locality given as South Africa.

TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host				Region					Authorities		
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.	E.		S.	
Ascaropidae <i>Gongylonema pulchrum</i> Molin, 1857.	Bovidae.....	<i>Bos taurus</i> Linn.	Ox	Enzootic	o	+	o	o	+	o	+	Mönnig, 1928 Reinecke, 1964
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	o	+	o	o	+	o	+	Mönnig, 1928 Reinecke, 1964
		<i>Capra hircus</i> Linn.	Goat	Enzootic	o	+	o	o	+	o	+	Mönnig, 1928 Reinecke, 1964
		Species concerned not recorded	Coprophagous beetles	Enzootic	o	+	o	o	+	o	+	Mönnig, 1928; Reinecke, 1964
<i>Gongylonema verrucosum</i> (Giles, 1892).	Bovidae.....	<i>Bos taurus</i> Linn.	Ox	Enzootic	o	+	o	o	+	o	+	Mönnig, 1928 Reinecke, 1964
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	o	+	o	o	+	o	+	Mönnig, 1928 Reinecke, 1964
		<i>Capra hircus</i> Linn.	Goat	Enzootic	o	+	o	o	+	o	+	Mönnig, 1928 Reinecke, 1964
<i>Gongylonema mannigi</i> Baylis, 1926.	Insecta.....	Species concerned as vector not recorded	? Coprophagous beetles	?	?	?	?	?	?	o	—	—
		<i>Ovis aries</i> Linn.	Sheep.....	Enzootic	o	+	o	o	+	o	+	Baylis, 1926; Mönnig, 1928, 1934 Reinecke, 1964
		<i>Capra hircus</i> Linn.	Goat	Enzootic	o	+	o	o	+	o	+	Mönnig, 1928, 1938
		Species concerned as vector not recorded	? Coprophagous beetles	?	?	?	?	?	?	?	?	—
Filaroidea Filaridae <i>Setaria equina</i> (Abilgaard, 1789).	Equidae.....	<i>Equus caballus</i> Linn.	Horse.....	Enzootic*	o	+	o	o	+	o	+	Theiler, 1923; Mönnig, 1928
		<i>Equus asinus</i> Linn.	Donkey	Enzootic*	o	+	o	o	+	o	+	Theiler, 1923

O. = Orange Free State; T. = Transvaal; N. = Natal; W. = Western Cape Province; E. = Eastern Cape Province; S. = South West Africa.
* = Locality given as South Africa.

TABLE 7 (b).—*Nematelminthes* (continued)

Parasite	Host				Region					Authorities		
	Class Order Family	Genus and species	Vernacular name	Incidence	O.	T.	N.	W.	E.		S.	
<i>Setaria equina</i>	Equidae.....	<i>E. caballus</i> X <i>E. asinus</i>	Mule	Enzootic*	o	o	o	o	o	o	Theiler, 1923	
	Insecta.....	<i>Equus burchelli</i> (Gray). Species concerned as vector not recorded	Zebra..... ?	Sporadic* ?	o	o	o	o	o	o	Theiler, 1923; Mönnig, 1928	
<i>Setaria hornbyi</i> Boulenger, 1920.	Bovidae.....	<i>Cervicapra fulvovittata</i> (Afzelius). <i>Nothotragus sharpei</i> (Thomas and Schwann). <i>Oreotragus oreotragus</i> (Zimmermann). <i>Raphicerus campestris</i> (Thunberg). <i>Redunca arundinum</i> (Boddaert). <i>Sylvicapra grimmia</i> (Linn.). <i>Ovis aries</i> Linn. Species concerned as vector not recorded	Mountain reedbuck Sharpe's grysbok Klipspringer Steenbuck Reedbuck Duiker..... Sheep..... ?	Sporadic Sporadic Sporadic Sporadic Sporadic Sporadic Sporadic	o o o o o o o o	+	o	o	o	o	o	Mönnig, 1923 Mönnig, 1923 Mönnig, 1923 Mönnig, 1923 Mönnig, 1923 Mönnig, 1923 Mönnig, 1923 Mönnig, 1923
	Insecta.....			?	?	?	?	?	?	?	—	

O. = Orange Free State; T. = Transvaal; N. = Natal; W. = Western Cape Province; E. = Eastern Cape Province; S. = South West Africa.
* = Locality given as South Africa.

SUMMARY AND CONCLUSION

1. A check-list and host-list of the zoonoses caused by viruses, Protozoa, Thallophyta, Protozoa, Arthropoda, Platyhelminthes and Nematelminthes are listed in Tables 1 to 7.

2. Available information on their incidence and distribution as well as the authorities responsible for the investigations are included in this series of tables.

3. The literature references are recorded under the abovementioned headings at the end of the article.

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Newcastle Disease

- DE KOCK, G., 1954. Studies on the histo-pathology and pathogenesis of Newcastle disease in South Africa, with special reference to the lymphoid tissue. *Onderstepoort J. Vet. Res.*, 26: 599-629.
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Fowl Pox and Pigeon Pox

- ABRAMS, L., 1964. Onderstepoort: Personal communication.
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Tern Virus Infection

- BECKER, W. B. & UYS, C. J., 1963. The pathogenesis of tern virus infection in chickens: Virus studies. *S. Afr. Med. J.*, 37: 1095.

(B) PROTOPHYTA

Class: Schizomycetes
Order: Pseudomonadales
Family: Pseudomonadaceae

Pseudomonas pseudomallei (Meliodosis)

- FINLAYSON, M. H., 1944. Some characters exhibited by a strain of *P. whitmori* isolated from a case of chronic meliodosis. *S. Afr. Med. J.*, 18: 113-115.
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Family: Spirillaceae

Vibrio foetus (Vibriosis)

- CANHAM, A. S., 1948. *Vibrio foetus* infection in cattle. *J. S. Afr. Vet. Med. Ass.*, 19: 103-104.
ROBINSON, E. M., VAN RENSBURG, S. W. J., VAN HEERDEN, J. S. & VAN DRIMMELEN, G. C., 1956. Isolation of *Vibrio foetus* from bull semen in South Africa. *J. S. Afr. Vet. Med. Ass.*, 27: 197-200.
SNYMAN, P. S., 1931. *Vibrio foetus* as a cause of bovine abortion in South Africa. *J. S. Afr. Vet. Med. Ass.*, 2: 63-64.
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VAN RENSBURG, S. W., 1954. Vibriosis as a cause of herd infertility in South Africa. *J. S. Afr. Vet. Med. Ass.*, 25: 25-35.

Spirillum minus (Rat-bite fever)

- ANON, 1948. Rat bite fever. *Ann. Rep. S. Afr. Inst. Med. Res.*, p. 26.

Order: Eubacteriales

Family: Enterobacteriaceae

Salmonella choleraesuis (Paratyphoid of pigs)

- DE KOCK, G., ROBINSON, E. M. & KEPPEL, J. J. G., 1940. Swine fever in South Africa. *Onderstepoort J. Vet. Sci. An. Ind.*, 14: 31-93.
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Order: Actinomycetales

Family: Mycobacteriaceae

Mycobacterium tuberculosis (Human tuberculosis)

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Order: Spirochaetales

Family: Treponemataceae

Borrelia anserina (Fowl spirochaetosis)

ABRAMS, L., 1964. Onderstepoort. Personal communication.

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Order: Mycoplasmatales

Family: Mycoplasmataceae

Mycoplasma gallinarum (Chronic respiratory disease)

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Class: Microtatabiotes

Order: Rickettsiales

Family: Rickettsiaceae

Rickettsia prowazeki (Epidemic typhus, louse typhus)

- BERKOWITZ, A. P., 1946. A method for increasing the infectivity of yolk-sac cultures of rickettsiae of epidemic and murine typhus and South African tick-bite fever. *S. Afr. J. Med. Sci.*, 11: 69-72.
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Rickettsia conorii (Tick-bite fever)

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Family: Chlamydiaceae

Miyagawanella psittaci (Psittacosis)

- COLES, J. D. W. A., 1944a. Psittacosis in a budgerigar (*Melopsittacus undulatus*). *J. S. Afr. Vet. Med. Ass.*, 15: 10-12.
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Miyagawanella ornithosis (Ornithosis)

- ABRAMS, L., 1964. Onderstepoort: Personal communication.
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Family: Bartonellaceae

Eperythrozoon ovis (Ovine eperythrozoonosis)

- ENIGK, K., 1942. Die Empfänglichkeit der Elenantilope für *Anaplasma ovis* und *Eperythrozoon ovis*. *Deutsche Tropmed. Ztschr.*, 46: 48-52.
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Family: Anaplasmataceae

Anaplasma marginale (Malignant bovine anaplasmosis)

- LEIPZIGER, 1910. Über the Gallenseuche der Rinder in Deutsch-Südwestafrika. *Deutsch. Tierärztl. Wschr.*, p. 100.
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- DIRECTOR OF AGRICULTURE, S.W. AFRICA, 1930-64. Windhoek: Personal communication.
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Anaplasma ovis (Ovine and caprine anaplasmosis)

- DE KOCK, G. v. D. W., & QUINLAN, J. B., 1926. Splenectomy in domesticated animals and its sequelae, with special reference to anaplasmosis in sheep. *11th and 12th Rept. Dir. Vet. Educ. Res., U. of S. Africa*, pp. 369-482.
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(C) THALLOPHYTA

Class: Ascomycetes

Order: Endomycetales

Family: Coccidioidaceae

Rhinosporidium seeberi (Rhinosporidiosis)

- ANON, 1937. Rhinosporidiosis. *Ann. Rep. S. Afr. Inst. Med. Res.*, p. 52.
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Class: Fungi Imperfecti

Order: Moniliales.

Family: Moniliaceae

Aspergillus fumigatus

- ABRAMS, L., 1964. Onderstepoort: Personal communication.
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- CURSON, H. H., 1921. Aspergillosis in fowls. *J. Dept. Agric., U. of S. Africa*, Reprint No. 37, pp. 3-8.
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Histoplasma capsulatum (Histoplasmosis)

- BOROK, R., 1960. Mycology research. *Ann. Rep. S. Afr. Inst. Med. Res.*, p. 106.
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- SIMSON, F. W., & BARNETSON, J., 1942. Histoplasmosis: Report of a case. *J. Path. Bact.*, 54: 299-305.
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Trichophyton mentagrophytes (Dermatomycosis)

- ANON, 1947-61. Mycology. *Ann. Rep. S. Afr. Inst. Med. Res.* (Johannesburg).
- LURIE, H. I. & WAY, M. (1957). The isolation of dermatophytes from the atmosphere of caves. *Mycologia*, 49: 178-180.

Trichophyton gypsum (Dermatomycosis)

- JANSEN, B. C., 1953. The isolation of *Trichophyton gypsum* from a clinical case of dermatomycosis in a horse. *J. S. Afr. Vet. Med. Ass.*, 24: 218.

Trichophyton equinum (Dermatomycosis)

- MARAIS, V., & OLIVIER, D. L., 1963. A human case of *Trichophyton equinum* infection. *S. Afr. Med. J.*, 37: 35.

Sporotrichum beurmanni (Sporotrichosis)

- ANON, 1939, 1947, 1948. Mycology. *Ann. Rep. S. Afr. Inst. Med. Res.* (Johannesburg).
- ANON, 1947. Sporotrichosis on mines of the Witwatersrand. A symposium. *Proc. Transvaal Mine Med. Officers' Ass., Transvaal Chamber of Mines, Johannesburg*.
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- NESER, A. T., 1945. Mycology. *Ann. Rep. S. Afr. Inst. Med. Res.* (Bloemfontein).
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Sporotrichum schenkii (Sporotrichosis)

- ANON, 1951-61. Mycology. *Ann. Rep. S. Afr. Inst. Med. Res.* (Johannesburg).
LOEWENTHAL, L. J. A., 1959. Sporotrichosis treated with griseofulvin. *Med. Proc.*, 5: 563-564.
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Sporotrichum sp.

- THOROLD, P. W., 1951. Equine sporotrichosis. *J. S. Afr. Vet. Med. Ass.*, 22: 81-83.

Microsporium canis (Dermatomycosis)

- ANON, 1950-61. Mycology. *Ann. Rep. S. Afr. Inst. Med. Res.* (Johannesburg).
NESER, A. T., 1951. Mycology. *Ann. Rep. S. Afr. Inst. Med. Res.* (Bloemfontein).

Microsporium audouinii (Dermatomycosis)

- ANON, 1947-59. Mycology. *Ann. Rep. S. Afr. Inst. Med. Res.* (Johannesburg).
GRAY, F. C., 1935, 1936. Mycology. *Ann. Rep. S. Afr. Inst. Med. Res.* (Port Elizabeth).

Microsporium gypseum (Dermatomycosis)

- ANON, 1947-55. Mycology. *Ann. Rep. S. Afr. Inst. Med. Res.* (Johannesburg).
LURIE, H. I., & WAY, M., 1957. The isolation of dermatophytes from the atmosphere of caves. *Mycologia*, 49: 178-180.

(D) PROTOZOA

Class: Mastigophora

Order: Protomonadina

Family: Eumonadidae

Histomonas meleagridis (Black-head of turkeys)

- ABRAMS, L., 1964. Onderstepoort: Personal communication.
COLES, J. D. W. A., 1950. Onderstepoort: Personal communication.
JOWETT, W., 1911. Blackhead, infectious entero-hepatitis or typhlohepatitis: A disease of young turkeys. *J. Comp. Path. Therap.*, 24: 289-302.

Family: Trypanosomidae

Trypanosoma brucei, *Trypanosoma congolense*, *Trypanosoma vivax*, *Trypanosoma simiae* (Nagana)

- BEDFORD, G. A. H., 1926. Report on the transmission of nagana in the Ntabanana and Mhlatuzi settlements. *11th and 12th Rept. Dir. Vet. Educ. Res., U. of S. Africa*, pp. 275-302.
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CURSON, H. H., 1928a. Nagana in Zululand. *13th and 14th Rept. Dir. Vet. Educ. Res., U. of S. Africa*, pp. 309-414.
CURSON, H. H., 1928b. Experimental *Trypanosoma vivax* disease in sheep and goats in South Africa. *S. Afr. J. Sci.*, 25: 265-267.
DU TOIT, P. J., 1929. A note on the diagnosis of *Trypanosoma vivax*. *15th Ann. Rep. Dir. Vet. Serv., U. of S. Africa*, pp. 3-8.
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HARRIS, R. H. T. P., 1937. Personal communication, Zululand.
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PARKIN, B. S., 1930a. A study of bovine trypanosomiasis. *16th Rep. Dir. Vet. Serv. An. Ind., U. of S. Africa*, pp. 21-53.

- PARKIN, B. S., 1930b. Antimony therapy in equine trypanosomiasis (*T. brucei*). 16th Rep. Dir. Vet. Serv. An. Ind., U. of S. Africa, pp. 55-59.
- PARKIN, B. S., 1931a. Antimony therapy in *Trypanosoma brucei* infection of horses. 17th Rep. Dir., Vet. Serv. An. Ind., U. of S. Africa, pp. 61-65.
- PARKIN, B. S., 1931b. Antimosan therapy in *Trypanosoma congolense* infection of sheep. 17th Rep. Dir. Vet. Serv. An. Ind., U. of S. Africa, pp. 67-76.
- PARKIN, B. S., 1931c. A note on the diagnosis of bovine trypanosomiasis. 17th Rep. Dir. Vet. Serv. An. Ind., U. of S. Africa, pp. 83-86.
- PETTIGREW, A. H., 1955. Natal: Personal communication.
- ROBINSON, E. M., 1930. A note on the serological diagnosis of *Trypanosoma congolense* infection. 16th. Rept. Dir. Vet. Serv. An. Ind., U. of S. Afr. pp. 61-65.
- SHILSTON, A. W., 1913. Notes on Zululand trypanosomes. 2nd Rep. Dir. Vet. Res., U. of S. Africa, pp. 345-361.
- THEILER, A., 1901. Die Tsetsekrankheit. *Schweiz. Arch. f. Tierhk.*, 43: 153-162.
- THEILER, A., 1909. Sur l'existence de *Trypanosoma dimorphon* ou d' une espèce voisine au Mozambique et au Zouloulund. *Bull. Soc., Path. exot.*, 2: 39-40.
- WHITNALL, A. B. M., 1932. The trypanosome infections of *Glossina pallidipes* in the Umfolosi Game Reserve, Zululand. 18th Rep. Dir. Vet. Serv. An. Ind., U. of S. Africa, pp. 21-30.
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Trypanosoma equiperdum (Dourine)

- ANDREWS, W. H., 1918. Cited by Walker, J., 1918.
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Order: Polymastigina

Family: Tetramitidae

Trichomonas foetus

- HENNING, M. W., 1956. Trichomoniasis. Animal diseases in South Africa. South Africa: Central News Agency, Ltd.
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Class: Rhizopoda

Order: Amoebina

Family: Amoebidae

Entamoeba histolytica

- ANON, 1948-53. Entamoebiasis. Ann. Rep. S. Afr. Inst. Med. Res. (Johannesburg).
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- SCHULZ, K. C. A., 1949. Onderstepoort: Personal communication.

Class: Sporozoa

Order: Piroplasmidea]

Family: Babesidae

Babesia bigemina (Babesiosis, redwater)

- EDINGTON, A., 1900. Rep. Dir. Col. Bact. Inst. for the year, 1899. (Redwater). *Agric. J. Cape of Good Hope*, 17: 673.
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- THEILER, A., 1909. Transmission des spirochetes et des piroplasms des différentes espèces des tiques. *Bull. Soc. Path. exot.*, 2: 293-294.

Babesia bovis (Bovine babesiosis, redwater)

- MARTINGLIA, G., 1930. Redwater (babesiosis) in a sable antelope. *J. S. Afr. Vet. Med. Ass.*, 1: 41-42.
- MARTINAGLIA, G., 1936. Some considerations regarding the health of wild animals in captivity. *Rep. Dir. Abattoir, Life Stock Markets and Vet. Serv., Ice and Cold Storage*, 1935/36, No. 26, pp. 30-33.
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Babesia trautmanni (Porcine babesiosis)

- CANHAM, A. S., & OSBORN, D. E., 1947. Natal: Personal communication.
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- SHONE, D. K., & PHILIP, J. R., 1960. The susceptibility of the African bush pig, *Potamochoerus porcus maschona* Lonnberg, to infection with *Babesia trautmanni*. *J. S. Afr. Vet. Med. Ass.*, 31: 451-453.

Babesia caballi (Equine babesiosis, biliary fever)

- DE KOCK, G., 1918. Drug treatment in nuttalliosis. *7th and 8th Rep. Dir. Vet. Res., U. of S. Africa*, pp. 639-675.
- DENNIG, H., & BIGALKE, R. D., 1961. Onderstepoort, Personal communication.

- DU TOIT, P. J., 1919. Experimentelle Studien über die Pferdepiroplasmose. I. Mitteilung: Kreuzimpfungsversuche mit *Nuttallia equi* (Laveran, 1901) und *Piroplasma caballi*, Nuttall, 1910. *Arch. f. Schiffs- u. Tropenhyg.*, 23: 121-135.
- FANTHAM, H. B., 1919. Some parasitic Protozoa found in South Africa. *S. Afr. J. Sci.*, 16: 185-191.
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Babesia equi (Equine babesiosis or nuttalliosis, biliary fever)

- DALE, T. H., 1903. Piroplasmosis of the donkey. *J. Comp. Path.*, 16: 312.
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- BELONJE, C. W. A., 1944. Biliary fever in dogs in East Griqualand. *J. S. Afr. Vet. Med. Ass.*, 15: 1-3.
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- MALHERBE, W. D., 1956. The manifestations and diagnosis of *Babesia* infections. *Ann. New York Acad. Sci.*, 64: 128-146.
- MALHERBE, W. D., & PARKIN, B. S., 1951. Atypical symptomatology in *Babesia canis* infection. *J. S. Afr. Vet. Med. Ass.*, 22: 25-36.
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- NEITZ, W. O., 1964. Onderstepoort: Unpublished observations.
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- PARKIN, B. S., 1931. Treatment of piroplasmosis with T. 21. *17th Rep. Dir. Vet. Serv. An. Ind., U. of S. Africa*, pp. 27-43.
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- THEILER, A., 1903-04. Notes on the immunity of the piroplasmosis of the dog. *Rep. Gov. Vet. Bacteriologist, Transvaal*, 1903-04, pp. 98-113.

Babesia felis (Feline babesiosis)

- BOARDMAN, N., 1936. Transkei: Personal communication.
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- ROBINSON, E. M., 1963. Biliary fever (nuttallosis) in the cat. *J. S. Afr. Vet. Med. Ass.*, 34: 45-47.

Aegyptianella pullorum (Aegyptianellosis)

- BEDFORD, G. A. H., & COLES, J. D. W. A., 1933. The transmission of *Aegyptianella pullorum* Carpano to fowls by means of ticks belonging to the genus *Argas*. *Onderstepoort J. Vet. Sci. An. Ind.*, 1: 15-20.
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- COLES, J. D. W. A., 1937. Aegyptianellosis and leg-weakness of the goose. *J. S. Afr. Vet. Med. Ass.*, 8: 98-100.
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Family: Theileridae

Theileria parva (East Coast fever)

- LOUNSBURY, C. P., 1903. The ticks and East Coast fever. *Rep. Gov. Entomologist of the Cape of Good Hope*, p. 11.
- LOUNSBURY, C. P., 1904. Transmission of African Coast fever. *Agric. J. Cape of Good Hope*, 24: 428.
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- NEITZ, W. O., 1957a. Theileriosis, gonderioses and cytauxzoonoses. A review. *Onderstepoort J. Vet. Res.*, 27: 275-430.
- NEITZ, W. O., 1957b. Onderstepoort: Unpublished observations.
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- THEILER, A., 1904. East Coast fever. *Transvaal Agric. J.*, 2: 421-438.
- THEILER, A., 1905. Transmission of East Coast fever by ticks. *Rep. Gov. Vet. Bacteriologist, Transvaal*, 1903-04, pp. 135-150.
- THEILER, A., 1908. Further transmission experiments with East Coast fever. *Rep. Gov. Vet. Bacteriologist, Transvaal*. 1906-07, pp. 70-85.

Theileria mutans (Benign bovine theileriosis)

- NEITZ, W. O., 1938. Quoted by Neitz, W. O., 1956b.
- NEITZ, W. O., 1956a. Classification, transmission, and biology of piroplasms of domestic animals. *Ann. New York Acad. Sci.*, 64: 56-111.
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- THOMAS, A. D., & NEITZ, W. O., 1958. Rhipicephaline tick toxicosis in cattle: Its possible aggravating effects on certain diseases. *J. S. Afr. Vet., Med. Assoc.*, 29: 39-50.

Theileria lawrencei (Corridor disease)

- NEITZ, W. O., 1955. Corridor disease: A fatal form of bovine theileriosis encountered in Zululand. *Bull. Epiz. Diseases of Africa*, 3: 121-123.
- NEITZ, W. O., 1956a. Classification, transmission, and biology of piroplasms of domestic animals. *Ann. New York Acad. Sci.*, 64: 56-111.
- NEITZ, W. O., 1956b. A consolidation of our knowledge of the transmission of tick-borne diseases. *Onderstepoort J. Vet. Res.*, 27: 115-163.
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Protozoa of undetermined position

Sarcosporidia

Sarcocystis spp.

- BIGALKE, R. D., & TUSTIN, R. C., 1960. The occurrence of a cyst of *Sarcocystis* Lankester, 1882 in the cerebellum of an ox. *J. S. Afr. Vet. Med. Ass.*, 31: 271-274.
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- FANTHAM, H. B., 1920. Some parasitic Protozoa found in South Africa. III. *S. Afr. J. Sci.*, 17: 131-135.
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- FANTHAM, H. B., 1923. Some parasitic Protozoa found in South Africa. VI. *S. Afr. J. Sci.*, 20: 493-500.
- GRAY, F. C., 1938. Sarcocysts in pork. *Ann. Rep. S. Afr. Inst. Med. Res.*, p. 92.
- MARTINAGLIA, G., 1936. Some considerations regarding the health of wild animals in captivity. *Rep. Dir. Abattoir, Life Stock Markets and Vet. Serv. and Cold Storage 1935/36*, No. 26, pp. 30-33.
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- WALKER, J., 1918. Some observations in connection with the occurrence of Sarcosporidia in the skeletal muscles of sheep and horses in South Africa. *7th and 8th Rept. Dir. Vet. Res., U. of S. Africa*, pp. 396-424.

Besnoitia besnoiti (Bovine besnoitiosis)

Besnoitia bennetti (Equine besnoitiosis)

- BIGALKE, R. D., 1960. Preliminary observations on the mechanical transmission of cyst organisms of *Besnoitia besnoiti* (Marotel, 1912) from a chronically infected bull to rabbits of *Glossina brevipalpis* Newstead, 1910. *J. S. Afr. Vet. Med. Ass.*, 31: 37-44.
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- BIGALKE, R. D., & NAUDE, T. W., 1962. The diagnostic value of cysts in the scleral conjunctiva in bovine besnoitiosis. *J. S. Afr. Vet. Med. Ass.*, 33: 21-27.
- HOFMEYR, C. F. B., 1945. Globidiosis in cattle. *J. S. Afr. Vet. Med. Ass.*, 16: 102-109.
- POLS, J. W., 1954a. The artificial transmission of *Globidium besnoiti* (Marotel, 1912) to cattle and rabbits. *J. S. Afr. Vet. Med. Ass.*, 25: 37-44.
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- POLS, J. W., 1960. Studies on bovine besnoitiosis with special reference to the aetiology. *Onderstepoort J. Vet. Res.*, 28: 265-356.
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Toxoplasma gondii (Toxoplasmosis)

- ANON, 1958. Maintenance of strains and antigen preparation. *Ann. Rep. S. Afr. Inst. Med. Res.*, pp. 97-98.
- BAKKER, S. K., 1964. Onderstepoort: Personal communication.
- BEKKER, B. J. P., 1954. Toxoplasmic encephalitis in South Africa, Report of two cases. *S. Afr. Med. J.*, 28: 21-24.
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- FASSER, E., 1955. Congenital toxoplasmosis in South Africa. A review and case report. *S. Afr. Med. J.*, 29: 684-688.
- GEAR, J. & WOLSTENHOLME, B., 1959. Virus, rickettsial and blood protozoal diseases. *Ann. Rep. S. Afr. Inst. Med. Res.*, pp. 117-122.
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- HOFMEYR, C. F. B., 1956. Two hundred and eighty-four autopsies at the National Zoological Garden, Pretoria. *J. S. Afr. Vet. Med. Ass.*, 27: 263-282.
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- NEITZ, W. O., 1953. Cited by Van der Merwe, N. J., 1953.
- RABKIN, J., & JAVETT, S. U., 1952. Congenital toxoplasmosis. Report of a case and a brief summary of the literature. *S. Afr. Med. J.*, 26: 41-43.
- SAUNDERS, S. J., & THATCHER, G. N., 1963. Toxoplasmosis in the adult. *S. Afr. Med. J.*, 37: 1026-1029.
- SMIT, J. D., 1961. Toxoplasmosis in dogs in South Africa: Seven case reports. *J. S. Afr. Vet. Med. Ass.*, 32: 339-346.
- SPENCER, I. W. F., 1957. Toxoplasmosis. *Ann. Rep. S. Afr. Inst. Med. Res.*, p. 65.
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VAN DER MERWE, N. J., 1953. The jackal. *Fauna and Flora, Transvaal.*, No. 5, pp. 33-35.

Class: Ciliata

Order: Spirotricha

Family: Bursaridae

Balantidium coli (Balantidiosis)

- ANON, 1949, 1951, 1953. Balantidiasis. *Ann. Rep. S. Afr. Inst. Med. Res.* (Johannesburg), p. 42; p. 64; p. 76.
- BARNETSON, J., 1943. Balantidiasis. *Ann. Rep. S. Afr. Inst. Med. Res.* (Bloemfontein), p. 45.
- BREDE, H. D., & VAN NIEUWENHUYSEN, M. E., 1962. *Balantidium coli*. *S. Afr. Med. J.*, 36: 937-938.
- BUCHANAN, G., 1935, 1937, 1942, 1947. Balantidiasis. *Ann. Rep. S. Afr. Inst. Med. Res.* (Johannesburg), p. 59; p. 64; p. 36; p. 49.
- FANTHAM, H. B., 1919. Some parasitic Protozoa found in South Africa. II. *S. Afr. J. Sci.*, 16: 185-191.
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- FANTHAM, H. B., 1930. Some parasitic Protozoa found in South Africa. XIII. *S. Afr. J. Sci.*, 27: 376-390.
- GRAY, F. C., 1939. Balantidiasis. *Ann. Rep. S. Afr. Inst. Med. Res.* (Port Elizabeth), p. 82.
- NESER, A. T., 1949. Balantidiasis. *Ann. Rep. S. Afr. Inst. Med. Res.* (Bloemfontein), p. 66.

(E) ARTHROPODA

Class: Insecta

Order: Diptera

Family: Oestridae

Oestrus ovis

- DU TOIT, R., & CLARK, R., 1935. The sheep nasal fly. A method of treatment for sheep infected with larvae of *Oestrus ovis*. *J. S. Afr. Vet. Med. Ass.*, 6: 25-32.
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- Gedoeslia cristata*, *Gedoeslia hässleri* (Specific oculo-vascular myiasis, uitpeuloog)
- BASSON, P. A., 1962a. Studies on specific oculo-vascular myiasis of domestic animals (uitpeuloog). *J. S. Afr. Vet. Med. Ass.*, 33: 347-349.
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- BASSON, P. A., 1962c. Studies on specific oculo-vascular myiasis of domestic animals (uitpeuloog). I. Historical review. *Onderstepoort J. Vet. Res.*, 29: 81-87.
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Class: Arachnida

Order: Acarida

Family: Sarcoptidae

Sarcoptes scabiei

- BEDFORD, G. A. H., 1932. A synoptic check-list and host-list of the ectoparasites found on South African Mammalia, Aves and Reptilia. 18th Rep. Dir. Vet. Serv. An. Ind., U. of S. Africa, pp. 223-523.
- BIGALKE, R. D., & DU TOIT, R., 1963. Onderstepoort: Personal communication.
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- SHILSTON, A. W., 1915. Observations on the life-history of *Psoroptes communis*, var. *ovis*, and some points connected with the epizootology of the disease in South Africa. 3rd and 4th Rept. Dir., Vet. Res., U. of S. Africa, pp. 69-98.

Cnemidocoptes mutans (Scaly leg)

- BEDFORD, G. A. H., 1932. A synoptic check-list and host-list of the ectoparasites found on South African Mammalia, Aves and Reptilia. 18th Rep. Dir. Vet. Serv. An. Ind., U. of S. Africa, pp. 223-523.

(E) PHYLUM: PLATYHELMINTHES

Class: Trematoda

Order: Amphistomata

Family: Paramphistomidae

Calicophoron calicophorum (Conical fluke disease)

- MALEK, E. A., 1962. Laboratory guide and notes for medical malacology. Minneapolis, U.S.A.: Burgess Publishing Company.
- MÖNNIG, H. O., 1928. Check list of the worm parasites of domestic animals in South Africa. 13th and 14th Rept. Dir. Vet. Educ. Res., U. of S. Africa, pp. 801-837.
- ORTLEPP, R. J., 1961. 'n Oorsig van Suid-Afrikaanse helminte veral met verwysing na die wat in ons wildherkouers voorkom. Tydskr. Natuurwet., 1: 203-212.
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Cotylophoron cotylphorum (Conical fluke disease)

- CURSON, H. H., 1928. Metazoon parasites from Zululand. S. Afr. J. Nat. History, 6: 181-187.
- LE ROUX, P. L., 1930. A preliminary communication on the life cycle of *Cotylophoron cotylphorum* and its pathogenicity for sheep and cattle. 16th Rep. Dir. Vet. Serv. An. Ind., U. of S. Africa, pp. 243-253.
- ORTLEPP, R. J., 1930. Cited by Le Roux, P. L., 1930.
- ORTLEPP, R. J., 1961. 'n Oorsig van Suid-Afrikaanse helminte veral met verwysing na die wat in ons wildherkouers voorkom. Tydskr. Natuurwet., 1: 203-212.
- SWART, P. J., 1964. Onderstepoort: Personal communication.

Paramphistomum microbothrium (Conical fluke disease)

- HORAK, I. G., 1962a. Studies on paramphistomiasis. III. A method of testing the viability of paramphistome metacercariae. Onderstepoort J. Vet. Res., 29: 197-202.
- HORAK, I. G., 1962b. Studies on paramphistomiasis. IV. Modified critical and controlled anthelmintic tests on the conical fluke *Paramphistomum microbothrium*. J. S. Afr. Vet. Med. Ass., 33: 203-208.
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- ORTLEPP, R. J., 1961. 'n Oorsig van Suid-Afrikaanse helminte veral met verwysing na die wat in ons wildherkouers voorkom. Tydskr. Natuurwet., 1: 203-212.
- SWART, P. J., 1954. The identity of so-called *Paramphistomum cervi* and *P. explanatum*, two common species of ruminant trematodes in South Africa. Onderstepoort J. Vet. Res., 26: 463-473.
- SWART, P. J., 1964. Onderstepoort: Personal communication.
- SWART, P. J., & REINECKE, R. K., 1962a. Studies on paramphistomiasis. I. The propagation of *Bulinus tropicus* Krauss, 1848. Onderstepoort J. Vet. Res., 29: 183-187.
- SWART, P. J., & REINECKE, R. K., 1962b. Studies on paramphistomiasis. II. The mass production of metacercariae of *Paramphistomum microbothrium* Fischöeder, 1901. Onderstepoort J. Vet. Res., 29: 189-195.

Order: Distomata

Family: Fasciolidae

Fasciola hepatica, *Fasciola gigantica* (Liver fluke disease)

- ANON, 1950-52. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Johannesburg).
MÖNNIG, H. O., 1928. Check list of the worm parasites of domestic animals in South Africa. 13th and 14th Rept. Dir. Vet. Educ. Res., U. of S. Africa, pp. 801-837.
MÖNNIG, H. O., 1944. Worms in sheep, goats and cattle. *Farm. S. Africa*, Reprint No. 83, pp. 1-20.
SWART, P. J., 1964. Onderstepoort: Personal communication.

Family: Schistosomidae

Schistosoma haematobium, *Schistosoma mansoni*, *Schistosoma bovis*, *Schistosoma mattheei*
(Schistosomiasis, bilharziasis)

- ANNECKE, S., & PEACOCK, P. N. B., 1951b. Bilharziasis in the Transvaal. *S. Afr. Med. J.*, 25: 689-692.
ANNECKE, S., PITCHFORD, R. J., & JACOBS, A. J., 1955. Some further observations of bilharziasis in the Transvaal. *S. Afr. Med. J.*, 29: 314-323.
BERSOHN, I., & LURIE, H. J., 1953. Experimental bilharziasis in animals. II. Correlation between biochemistry (liver function tests) and histopathological changes in the liver in early bilharziasis. *S. Afr. Med. J.*, 27: 950-954.
BRINK, C. J. H., BOTHA, H. P., COMBRINK, H. J., & ERASMUS, F. J., 1959. Mass chemotherapy in bilharzia in Northern Transvaal. *S. Afr. Med. J.*, 33: 536-542.
BRINK, C. J. H., PAILLARD, F. E., DU PLESSIS, P. N., BOTHA, C. L., & COETZER, A. J., 1961. Further observations on bilharziasis in the Northern Transvaal. *S. Afr. Med. J.*, 35: 811-820.
CAWSTON, F. G., 1943. Uncertainties about the identity of adult schistosomes. *S. Afr. Med. J.*, 17: 291.
CAWSTON, F. G., 1944. Propamidine in bilharziasis. *S. Afr. Med. J.*, 18: 228-229.
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DE MEILLON, B., & PATERSON, S., 1957. Experimental bilharziasis in animals. VI. Effect of bilharziasis on growth, reproduction and longevity of white mice. *S. Afr. Med. J.*, 31: 281-282.
DE MEILLON, B., & PATERSON, S., 1958. Experimental bilharziasis in animals. VII. Effect of a low protein diet on bilharziasis in white mice. *S. Afr. Med. J.*, 32: 1086-1088.
DE MEILLON, B., ENGLAND, E. G., & LÄMMLER, G., 1956. Experimental bilharziasis in animals. IV. Chemoprophylaxis in bilharziasis. *S. Afr. Med. J.*, 30: 611-613.
DORMER, B. A., 1942. A preliminary survey of bilharzia in native schools in river valleys on the Natal coast. *S. Afr. Med. J.*, 16: 353-354.
FREEDMAN, L., & ELSDON-DEW, R., 1958. A note on the incidence of bilharzia in Durban Bantu school children. *S. Afr. Med. J.*, 32: 311.
GELFARD, M., & HONEY, R. M., 1953. Bilharzial dilatation of the ureter. *S. Afr. Med. J.*, 27: 326-329.
KIESER, J. A., 1946. Rooiwater (bilharziasis). Beskrywing van 'n geval met dubbele besmetting. *S. Afr. Med. J.*, 20: 627-628.
KISNER, C. D., STOFFBERG, N., & DE MEILLON, B., 1953. Human infection with *Bilharzia bovis*. *S. Afr. Med. J.*, 27: 357-358.
LE ROUX, P. L., 1929a. Remarks on the habits and the pathogenesis of *S. mattheei*, together with the notes on pathological lesions observed in sheep. 15th Rep. Dir. Vet. Serv., U. of S. Africa, pp. 347-406.
LE ROUX, P. L., 1929b. Notes on the life cycle of *Schistosoma mattheei*. 15th Rep. Dir. Vet. Serv., U. of S. Africa, pp. 407-438.
LURIE, H. J., & DE MEILLON, B., 1956. Experimental bilharziasis in laboratory animals. III. Comparison of the pathogenicity of *S. bovis*, South African and Egyptian strains of *S. mansoni* and *S. haematobium*. *S. Afr. Med. J.*, 30: 79-82.
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MARKS, C., 1958. The surgical pathology of bilharziasis. *S. Afr. Med. J.*, 32: 162-166.
MAYAT, M. G. H., 1959. Ectopic pregnancy in a tube infested with bilharzia. *S. Afr. Med. J.*, 33: 219-220.
ORTLEPP, R. J., 1961. 'n Oorsig van Suid-Afrikaanse helminte veral met verwysing na die wat in ons wildherkouers voorkom. *Tydskr. Natuurwet.*, 1: 203-212.

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- PORTER, A., 1938. The larval trematodes found in certain South African Mollusca with special reference to schistosomiasis. *Publ. S. Afr. Inst. Med. Res.*, 8: 3-492.
- STRYDOM, H. F., 1963. Bilharziasis in sheep and cattle in the Piet Retief district. *J. S. Afr. Inst. Med. Res.*, 34: 69-72.
- VAN EEDEN, J. A., ALLANSON, B. R., & DE KOCK, K. N., 1964. Die voorkoms en verspreiding van bilharziatussengashere in die noordelike munisipale gebied van Johannesburg en verder noordwaarts tot by die Hartebeespoortdam. *Tydskr. Natuurwet.* 4: 52-66.
- VAN WEZEL, R. L., 1951. Bilharziasis in the Transvaal. *S. Afr. Med. J.*, 25: 44-47.
- VEGLIA, F., & LE ROUX, P. L., 1929. Morphology of a schistosome (*Schistosoma mattheei* sp. nov.) from sheep in the Cape Province. *15th Rep. Dir. Vet. Serv., U. of S. Africa*, pp. 335-346.

Class: Cestoda
 Order: Cyclophillidea
 Family: Anoplocephalidae.

Anoplocephala spp., *Moniezia* spp., *Thysaniezia* sp., *Avitellina* sp., *Stilesia* sp., *Dipylidium* sp., *Inermicapsifer* sp.

- BAER, J. G., 1925. Contribution to the helminth fauna of South Africa. Pretoria: Govt. Print. and Stat. Office, pp. 1-79.
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- CURSON, H. H., 1928. Metazoon parasites from Zululand. *S. Afr. J. Nat. History*, 6: 181-187.
- DU TOIT, P. J., & MÖNNIG, H. O., 1936. Internal parasites in relation to meat supplies. *Quart. Bull. Hlth. Org. L. o. N.*, 5: 182-183.
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- MÖNNIG, H. O., 1928. Check list of the worm parasites of domesticated animals in South Africa. *13th and 14th Rept. Dir. Vet. Educ. Res., U. of S. Africa*, pp. 801-837.
- MÖNNIG, H. O., 1931. A review of recent investigations on the viability of beef measles. *J. S. Afr. Vet. Med. Ass.*, 2: pp. 144-145.
- MÖNNIG, H. O., 1944. Worms in sheep, goats and cattle. *Farm. in S. Africa, Reprint No. 83*, 20 pp.
- ORTLEPP, R. J., 1934. Echinococcus in dogs from Pretoria and vicinity. *Onderstepoort J. Vet. Sci. An. Ind.*, 3: 97-108.
- ORTLEPP, R. J., 1937. South African helminths—Part I. *Onderstepoort J. Vet. Sci. An. Ind.*, 9: 311-336.
- ORTLEPP, R. J., 1949. Helminthology in relation to animal industry in the Union of South Africa. *Afric. Reg. Scient. Conf., Johannesburg*. Comm. No. C(k) 7, 4 pp.
- ORTLEPP, R. J., 1961a. 'n Oorsig van Suid-Afrikaanse helminte met verwysing na die wat in ons wildherkouers voorkom. *Tydskr. Natuurwet.* 1: 203-212.
- ORTLEPP, R. J., 1961b. A record of three cases of human infection in Southern Africa with a common tapeworm of rats. *S. Afr. Med. J.*, 35: 837-839.
- VERSTER, A., 1964. Onderstepoort: Personal communication.
- WOLFFHÜGEL, 1903. Cited by Mönnig, H. O., 1928.

Family: Taeniidae

Taenia spp., *Echinococcus* spp.

- ANON, 1940. Parasitology. *Ann. Rep. S. Afr. Inst. Med. Res.*, p. 49.
- BECKER, B. J. P., & JACOBSON, S., 1951a. Infestation of the human brain with *Coenurus cerebralis*. A report of three cases. *The Lancet*, 261: 198-202.
- BECKER, B. J. P., & JACOBSON, S., 1951b. Infestation of the human brain with *Coenurus cerebralis*. Report of a fourth case. *The Lancet*, 261: 1202-1204.
- CURSON, H. H., 1928. Metazoon parasites from Zululand. *S. Afr. J. Nat. History*, 6: 181-187.
- GOUGH, L. H., 1908. Notes on South African parasites. *Rep. S. Afr. Ass. Adv. Sci., 6th Meeting*, p. 167.
- HESELSON, 1961. Cited by Verster, A., 1961.
- LOPES-NEYRA, C. R., & PLANAS, M. d.I. A. S., 1943. Revision del genero *Echinococcus* Rud. y description de una especie nueva parásita intestinal del perro en Almeria. *Rev. Iber. Parasit.*, 3: 169-194.
- MÖNNIG, H. O., 1928. Check list of the worm parasites of domestic animals in South Africa. *13th and 14th Rept. Dir. Vet. Educ. Res., U. of S. Africa*, pp. 801-837.

- MÖNNIG, H. O., 1944. Worms in sheep, goats and cattle. *Farm. in S. Africa*, Reprint No. 83, 20 pp.
- NEITZ, W. O., & THOMAS, A. D., 1934. Rabies in South Africa. Occurrence and distribution of cases during 1933. *Onderstepoort J. Vet. Sci. An. Ind.*, 3: 335-342.
- ORTLEPP, R. J., 1934. Echinococcus in dogs from Pretoria and vicinity. *Onderstepoort J. Vet. Sci. An. Ind.*, 3: 97-108.
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- ORTLEPP, R. J., 1938. South African helminths. Part II. Some taenias from large wild carnivores. *Onderstepoort J. Vet., Sci. An. Ind.*, 10: 253-274.
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- VERSTER, A., 1961. Helminth research in South Africa. V. Echinococcus in South Africa. *J. S. Afr. Vet. Med. Ass.*, 32: 181-185.
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- VERSTER, A., 1964. Onderstepoort: Personal communication.
- VILJOEN, N. F., 1937. Cysticercosis in swine and bovines, with special reference to South African conditions. *Onderstepoort J. Vet. Sci. An. Ind.*, 9: 337-570.

(G) PHYLUM: NEMATHELMINTHES

Class: Nematoda

Order: Ascaroidea

Family: Ascaridae

Ascaris lumbricoides, *Ascaris equorum*, *Toxascaris leonina*, *Toxacara canis*, *T. mystax*

- ANON, 1948-55. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Johannesburg).
- BEAVER, P. C., 1958. Human disease from common worms of dogs and cats. *S. Afr. Med. J.*, 32: 42-45.
- BUCHANAN, G., 1935-47. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Johannesburg).
- COCHRANE, J. G., SAGORIN, L., & WILCOCKS, M. G., 1957. *Capillaria hepatica* infection in man. *S. Afr. Med. J.*, 31: 751-755.
- GOUGH, L. H., 1908. Notes on South African parasites. *Rep. S. Afr. Ass. Adv. Sci.*, p. 167.
- GRAY, F. C., 1935-39. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Port Elizabeth).
- HARRINGTON, W. C., 1942-55. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Port Elizabeth).
- HIRSCH, H., 1954-55. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Kroonstad).
- KALLICHURUM, S., & ELSDON-DEW, R., 1961. *Capillaria* in man. *S. Afr. Med. J.*, 35: 860-861.
- LE ROUX, P. L., 1930. Helminthiasis of domestic stock in the Union of South Africa. *J. S. Afr. Vet. Med. Ass.*, 1 (4): 43-65.
- MÖNNIG, H. O., 1926. Helminthological notes. 11th and 12th Rept. *Dir. Vet. Educ. Res., U. of S. Africa*, pp. 221-228.
- MÖNNIG, H. O., 1928. Check list of the worm parasites of domesticated animals in South Africa. 13th and 14th Rept. *Dir. Vet. Educ. Res., U. of S. Africa*, pp. 801-837.
- MÖNNIG, H. O., 1934. Veterinary helminthology and entomology. London: Baillière, Tindall & Cox.
- NESER, A. T., 1944-54. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Bloemfontein).
- THEILER, G., 1923. The strongylids and other nematodes parasitic in the intestinal tract of South African equines. Pretoria, S. Africa: Gov. Print. and Stat. Office.
- VEGLIA, F., 1919. Il vermi parassiti negli animali del Sud-Africa. *Ann. Accad. Agric. Torino*, 62: 1-24.

Family: Kathlaniidae

Probstmayria vivipara

Family: Oxyuridae

Oxyuris equi, *Skrjabinema ovis*, *S. alata*

Family: Rhabditidae

Strongyloides papillosus

- CURSON, H. H., 1928. Metazoan parasites from Zululand. *S. Afr. J. Nat. History*, 6: 181-187.
- MELDAL-JOHNSON, C. M., MULLER, G. L., & THOMAS, R. J., 1960. The use of neguvon asuntol mixture as an anthelmintic for sheep. *J. S. Afr. Vet. Med. Ass.*, 31: 235-241.

- MÖNNIG, H. O., 1926. Helminthological notes. *11th and 12th Rept. Dir. Vet. Educ. Res., U. of S. Africa*, pp. 221-228.
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- MÖNNIG, H. O., 1934. *Veterinary helminthology and entomology*. London: Baillière, Tindall & Cox.
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Order: Trichinelloidea

Family: Trichinellidae

Trichuris globulosa, Trichuris trichuria, Capillaria hepatica

- ANON, 1948-55. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Johannesburg).
- BARNETSON, J., 1942-43. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Bloemfontein).
- BUCHANAN, G., 1939-47. Parasitology. *Ann. Rept. S. Afr. Inst. Med. Res.* (Johannesburg).
- COCHRANE, J. C., SAGORIN, L. & WILCOCKS, M. G., 1957. *Capillaria hepatica* infection in man. *S. Afr. Med. J.*, 31: 751-755.
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Order: Strongyloidea

Family: Strongylidae

Strongylus spp., *Oesophagodontus* sp., *Triodontophorus* spp., *Craterostomum* sp., *Trichonemina* spp., *Periostomum* spp., *Gyalocephalus* sp., *Oesophagostomum columbianum*

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Family: Ancylostomidae

- Ancylostoma caninum*, *A. braziliense*, *Bunostomum trigonocephalum*, *Gaigeria pachyscelis*
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Family: Trichostrongylidae

- Trichostrongylus* spp., *Ostertagia* spp., *Cooperia* spp., *Haemonchus* spp.
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Family: Metastrongylidae

Dictyocaulus arnfieldi, *D. viviparus*, *D. filaria*, *Muellerius capillaris*

Order: Spiruroidea

Family: Spiruridae

Habronema muscae, *H. megastoma*, *H. microstoma*

Family: Ascaropidae

Gongylonema pulchrum, *G. verrucosum*, *G. mönnigi*

Order: Filarioidea

Family: Filariidae

Setaria equina

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