```
Grass burning.
          2nd Rept. of the Dir. of Vet. Res., 1912, p. 62.
Theories about the cause of lamsiekte.
    The infection theory.
          2nd Rept. of the Dir. of Vet. Res., 1912, p. 66.
```

The poisonous plant theory.

2nd Rept. of the. Dir. of Vet. Res., 1912, p. 69.

The want of nutrition theory.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 70.

The accumulative vegetable poison theory.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 72.

The cure and prevention of Lamsiekte. 2nd Rept. of the Dir. of Vet. Res., 1912, p. 76.

Influence of changing veld, trekking, working and feeding.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 63.

Influence of rain and season.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 64.

Inoculation and dipping.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 65.

Value of bone meal.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 65.

Disease caused by eating bones.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 65.

Investigations into the disease in cattle.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 79.

Serological research.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 119.

Lamsiekte.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 161

Contribution to the study of deficiency disease with special reference to the Lamsiekte problem in South Africa.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 9.

Laboratory experiment.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 12.

Pigeon-feeding tests.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 25.

Rice-feeding tests on cattle.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 29.

Rice-feeding of horses.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 38.

Rice-feeding of sheep.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 39.

Feeding of rice to goats in the study of deficiency disease.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 40.

Rice-feeding to pigs in the study of deficiency disease with special reference to Lamsiekte.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 42.

Feeding tests on dogs in the study of deficiency disease with special reference to Lamsiekte.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 43.

Field experiments on the Lamsiekte area in the study of deficiency disease with special reference to Lamsiekte.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 40.

Treatment with vitamine extracts in the study of deficiency disease.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 57.

Comparison of laboratory and field data in the study of deficiency disease with special reference to Lamsiekte.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 58.

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Is Lamsiekte an Avitaminosis?
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3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 60.

Investigations into Lamsiekte in cattle.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 257.

Conditions under which it occurs.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 258.

Animals affected by the disease.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 260.

Incubation or latent period.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 261.

Symptomatology.

 $5th\ and\ 6th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Res.,\ 1918, p.\ 263.$

Grazing down experiments.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 267.

Plant feeding experiments.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 274.

Experiments to test soil infection theories.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 285.

Alternative feeding and grazing experiments.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 287.

Experiments to test food deficiency theories.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 288.

Exercise experiments.

 $5th\ and\ 6th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Res.,\ 1918, p.\ 294.$

Transmission experiments.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 296.

Lamziekte.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 778.

On Sarcosporidia in relation to lamsiekte.

7th and 8th Repts. of the Dir. of Vet. Res., 1918, p. 453.

Lamsiekte (Parabotulism) in cattle in South Africa.

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1927, p. 819.

Lamsiekte soils.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 994.

 \boldsymbol{A} note on investigations into the distribution of the Lamsiekte organisms.

15th Rept. of the Dir. of Vet. Ser., 1929, p. 223.

Lasiosiphon anthylioides.

 $Lasiosiphon\ anthylloides\ {\rm as\ a\ poisonous\ plant}.$

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 233.

Lathyrus.

Lathyrus sativus.

An. Rept. of the Gov. Vet. Bacteriologist, 1909-1910, p. 102.

Leguminous Plants.

Notes on $Crotalaria\ bvrkeana$ and other leguminous plants.

An. Rept. of the Gov. Vet. Bacteriologist, 1909-1910, p. 95.

Leishmania.

Does a species of leishmania occur in the Goat?

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 29.

Leptodira hotamboela.

(Red-lipped or Herald snake.)

2nd Rept. of the Dir. of Vet. Res., 1912, p. 429.

Lessertia annularis.

An. Rept. of the Gov. Vet. Bacteriologist, 1909-1910, p. 102.

Leucocytes.

Number and differential leucocytes.

See Blood of Equines.

9th and 10th Repts. of the Dir. of Vet. Ed. and Res., 1923, p. 525.

Leucocytozoon.

A short note on the occurrence of a Leucocytozoon infection. Host the ostrich. $2nd\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Res.,\ 1932, p.\ 384.$

Lime.

Lime and sulphur dips.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 129.

Effect upon skin and wool of sheep dipped in lime-sulphur dips.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 148.

Lime-sulphur dips.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, pp. 1005. 1015. 1029.

Linstowinae.

Linstowinae Fuhrman n.

See Helminth Fauna of South Africa.

Lithium Citrate.

Increase of inorganic phosphorus in blood containing lithium citrate as anticoagulant.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 479.

Liver.

Green-liver cell adenoma in a bovine.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 728.

Haemolymphoid-like nodules in the liver after splenectomv.

15th Rept. of Dir. of Vet. Ser., 1929, p. 577.

Liver Atrophy.

Acute liver atrophy and parenchymatous hepatits in horses.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 9.

Pathological anatomy of acute liver atrophy.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 20.

The cause of liver atrophy.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 39.

Acute cases observed in Onderstepoort.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 50.

Experiment to transmit acute liver atrophy by infusion or injection of blood or serum or emulsion of liver tissue of horses that suffered or died from the disease.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 135.

Liver-cirrhosis.

In human pathology.

Atrophic form.

Hypertrophic form.

 $Cyanotic\ Induration.$

In veterinary pathology.

Comparison in man and animal.

See Dunsiekte in South African Horses.

7th and 8th Repts. of the Dir. of Vet. Res., 1918, p. 107.

Locusts.

The arsenic content of poisoned locusts.

15th Rept. of the Dir. of Vet. Ser., 1929, p. 1195.

Toxicity of poisoned locusts to fowls.

 $15th\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Ser.,\ 1929, p.\ 1198.$

Loogas.

Loogas and sulphur dip.

 $3rd\ and\ 4th\ Repts.$ of the Dir. of Vet. Res., 1915, p. 139.

Lumpy Wool.

Investigations into the cause and transmission of lumpy wool affecting merino sheep and its treatment.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 205.

Lung.

Nodes and nodules in the lungs of South African Equines.

7th and 8th Repts. of the Dir. of Vet. Res., 1918, p. 180.

Lynchia bruna.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 627.

Lynchia mauro.

3rd and 4th Repts. of the Dir. of Vet. Res., 1915, p. 627.

Magnesium.

Studies in Mineral Metabolism XXV. The effect of calcium and magnesium supple ments on the growth of Merino sheep.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 799.

Maize.

The deficiency aspect of maize products.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 753.

Absence of correlation between vitamine and phosphorus in different samples of

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 762.

Real correlation between distribution of vitamine and distribution of phosphorus in individual grains.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 767.

A condition produced in cattle feeding on maize infected with $Diplodia\ zea.$

 $7th\ and\ 8th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Res.,\ 1918, p.\ 427.$

Malignant.

Black Quarter and Malignant oedema. A new method for preparation of a bivalent vaccine against B. chauvoei and Vibrion septique.

 $17th\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Ser.\ and\ An.\ Ind.,\ 1931,\ p.\ 193.$

Mallein.

Uniform principles regarding the mallein reaction.

An. Rept. of the Gov. Vet. Bacteriologist, 1905-1906, p. 14.

Mallophaga.

Anoplura (Siphunculata and Mallophaga) from South African hosts.

15th Rept. of the Dir. of Vet. Ser., 1929, p. 501.

New genera and species of Mallophaga from South African hosts.

 $16th\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Ser.\ and\ An.\ Ind.,\ 1930, p.\ 153.$

New genera and species of Mallophaga.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 283.

Malziekte.

See acute liver atrophy.

5th and 6th Repts.of the Dir. of Vet. Res., 1918, p. 9.

Mammalla.

A checklist and hostlist of the external parasites found on South African mammalia, aves and reptilia.

11th and 12th Repts. of the. Dir. of Vet. Ed. and Res., 1926, p. 705.

Hostlist of the external parasites found in South Africa.

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 790.

A synoptic checklist and hostlist of the ecto-parasites found on S.A. mammals, aves and reptiles.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 223.

Ectoparasites found on S.A. mammals.

 $18th\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Ser.\ and\ An.\ Ind.,\ 1932, p.\ 470.$

Mange.

A case of demodectic mange in the goat.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 629.

Goat mange: the infectivity of kraals.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 145.

Margaropus.

Margaropus annulatus.

annulatus australis.

winthemi.

See "A group of micro-organisms transmitted hereditarily by ticks and apparently unassociated with disease".

Marginal Points.

See A. marginale.

Marginal points.

An. Rept. of the Gov. Vet. Bacteriologist, 1905-1906, p. 64.

Marginal points in the literature on piroplasmosis-

(a) Observations in North America by Smith and Kilborne.

An. Rept. of the Gov. Vet. Bacteriologist, 1908-1909, p. 30.

Marico Calf Disease.

 $13th\ and\ 14th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Ed.\ and\ Res.,\ 1928, p.\ 535.$

Matricaria nigeliaefolia. D.C.

The so-called staggers or pushing disease of cattle in Natal. An intoxication due to the ingestion of $Matricaria\ nigellae folia\ D.C.$

9th and 10th Repts. of the Dir. of Vet. Ed. and Res., 1923, p. 123.

Mbori.

See Trypanosomiasis in camels.

An. Rept. of the Gov. Vet. Bacteriologist, 1904-1905, p. 107.

Media.

The preparation of contagious abortion vaccine on solid media.

 $15th\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Ser.,\ 1929, p.\ 123.$

Mellanthus.

Melianthus poisoning.

 $13th\ and\ 14th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Ed.\ and\ Res.,\ 1928, pp.\ 216,\ 227.$

Melolobium candicans.

 $Melolobium\ candicans.$

An. Rept. of the Gov. Vet. Bacteriologist, 1909-10, p. 102.

Melothria.

Melothria poisoning.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, pp. 218, 228.

Metabolism.

Studies in Mineral Metabolism X. The effect of bonemeal feeding on the phosphorus partition of the blood of sheep.

16th Rept. of the Dir. of Vet. Ser. and An. Ind., 1930, p. 301.

Studies in Mineral Metabolism XI. Mineral metabolism and blood analysis. $16th\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Ser.\ and\ An.\ Ind.,\ 1930,\ p.\ 307.$

Studies in Mineral Metabolism XII. Phosphorus in the sheep industry.

 $16th\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Ser.\ and\ An.\ Ind.,\ 1930, p.\ 313.$

Studies in Mineral Metabolism XIII. The phosphorus partition of the blood of some animals.

16th Rept. of the Dir. of Vet. Ser. and An. Ind., 1930, p. 327.

Studies in Mineral Metabolism XIV. Inorganic phosphorus in the blood of pregnant heifers.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 433.

Studies in Mineral Metabolism XV. Potassium iodide in poultry farming. 17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 439. Studies in Mineral Metabolism XVI. Micro-determination of some inorganic

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 443.

Studies in Mineral Metabolism XVII. Phosphorus in the nutrition of sheep. 17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 453.

Studies in Mineral Metabolism XVIII. Phosphorus in the nutrition of sheep. 18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 611.

Studies in Mineral Metabolism XIX. The influence of phosphorus and other minerals on wool growth.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 631.

Studies in Mineral Metabolism XX. Iodine in the nutrition of sheep.
18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 651.

Studies in Mineral Metabolism XXI. A comparison of phosphatic supplements

for the prevention of aphosphorosis.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 677.

Studies in Mineral Metabolism XXII. Phosphorus, Calcium and Protein.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 703.

Studies in Mineral Metabolism XXIII. Phosphorus and iodine supplements in field experiments with sheep.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 733.

Studies in Mineral Metabolism XXIV. On the administration of phosphorus to animals through their water supply.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 751.

Studies in Mineral Metabolism XXV. The effects of calcium and magnesium supplements on the growth of merino sheep.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 799.

Studies in Mineral Metabolism XXVI. The effect of fluorine on pregnant heifers. 18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 805.

Meteorological Factors.

The relation between amount of carbohydrates in the leaves of Armoedsvlakte grasses and meteorological factors.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 1041.

Mice.

Studies on the blood of mice.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 573.

Micrognathy.

Micrognathy in a lamb. Anatomical studies No. 33.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 1083.

Micro-organisms.

A group of micro-organisms transmitted hereditarily in ticks and apparently unassociated with disease.

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 147.

The observations of micro-organisms in animals experimentally infected with heart water.

11th, and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 167.

Milk.

Causes of variation in the fat content in successive portions of milk.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 837.

Minerals.

Mineral deficiency.

15th Rept. of the Dir. of Vet. Ser., 1929, p. 1059.

Studies in Mineral Metabolism X-XIII.

16th Rept. of the Dir. of Vet. Ser. and An. Ind., 1930, pp. 301, 307, 313, 327.

Mineral and feeding stuff analyses of grasses of the Eastern Transvaal Highveld.

16th Rept. of the Dir. of Vet. Ser. and An. Ind., 1930, p. 421.

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Studies in Mineral Metabolism XIV. Inorganic phosphorus in the blood of pregnant heifers.
```

11th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 433.

Studies in Mineral Metabolism XV. Potassium iodide in poultry farming. 17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 439.

Studies in Mineral Metabolism XVI. Micro-determination of some inorganic elements in blood and vegetation.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 443.

Studies in Mineral Metabolism XVII. Phosphorus in the nutrition of sheep. 17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 453.

A study on the mineral content and feeding value of natural pastures in the Union of South Africa.

18th. Rept. of the Dir.. of Vet. Ser. and An. Ind., 1932, p. 525.

Studies in Mineral Metabolism XVIII. Phosphorus in the nutrition of sheep. 18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. Gil.

Studies in Mineral Metabolism XIX. Influence of phosphorus and other minerals on wool growth.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 631.

Studies in Mineral Metabolism XX. Iodine in the nutrition of sheep. 18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 651.

Studies in Mineral Metabolism XXI. A comparison of phosphatic supplements for the prevention of aphosphorosis.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 677.

Studies in Mineral Metabolism XXII. Phosphorus, calcium and protein. 18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 703.

Studies in Mineral Metabolism XXIII. Phosphorus and iodine supplements in field experiments with sheep.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 733.

Studies in Mineral Metabolism XXIV. On the administration to animals of phosphorus through their water supply.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 751.

Studies in Mineral Metabolism XXV. The effect of calcium and magnesium supplements on the growth of merino sheep.

18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 799.

Studies in Mineral Metabolism XXVI. The effect of fluorine on pregnant heifers. 18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 805.

Modecca digitata.

The toxicity of $Adenia\ digitata$, Burtt-Davy ($Modecca\ digitata$ Harv.). 9th and $10th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Ed.\ and\ Res.,\ 1923,\ p.\ 382.$

Monophthalmia.

Anatomical Studies No. 25. Ankyloblepharon, monophthalmia, aplasia N. optici and hypoplasia cerebri in a kid.

17th Rept. of Dir. of Vet. Ser. and An. Ind., 1931, p. 865.

Moniezia.

See Helminth Fauna of South Africa.

 $\label{eq:moniezia} \textit{Moniezia. expansa.} \quad \text{Investigations into the life-history of the tapeworm, } \textit{Moniezia expansa.}$

15th Rept. of the Dir. of Vet. Ser., 1929, p. 317.

Moraea polystachya.

An. Rept. of the Gov. Vet. Bacteriologist, 1908-1909, p. 75.

Morphology.

Morphology of the mule trypanosome from Zululand.

 $2nd\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Res.,\ 1912,\ p.\ 348.$

On the morphology of a Schistosome (Schistoso7na mettheei) from the sheep in the Cape Province.

15th Rept. of the Dir. of Vet. Ser., 1929, p. 335.

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The morphology of " Oesophagostomum susannae ".
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15th Rept. of the Dir. of Vet. Ser., 1929, p. 466.

Morphology of " Agriostomum gorgonis ".

15th Rept. of the Dir. of Vet. Ser., 1929. p. 481.

Mosquitoes.

The Culicidae or Mosquitoes of the Transvaal;

1st Rept. of the Dir. of Vet. Res., 1911, p. 232.

Mosquitoes of the Transvaal-Second Report.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 315.

South African mosquitoes.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 883.

Moths.

The toxicity of the Pupae of the moth $Nudaurelia\ cytherea.$

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 423.

Mucous Sickness.

See snotsiekte in cattle.

9th and 10th Rept. of the Dir. of Vet. Ed. and Res., 1923, p. 395.

Mules.

The immunization of mules with formalized horsesickness virus.

 $18th\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Ser.\ and\ An.\ Ind.,\ 1932, p.\ 35.$

Multiceps.

See Helminthological notes.

Muscidae.

Checklist of the muscidae and oestridae which cause myiasis in man and animals in South Africa.

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 483.

Muscle.

Skeletal muscle. Some observations in connection with the occurrence of "sarcosporidia" in the skeletal muscles of sheep and horses in South Africa.

7th and 8th Repts. of the Dir. of Vet. Res., 1918, p. 397.

Musculature.

Xecrosis in musculature and mvocard of sheep. Pseudo-tuberculosis.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928. p. 595.

Musty Malze.

See Diplodia zea.

Mylasis.

Checklist of the muscidae and oestridae which cause myiasis in man and animals in South Africa.

 $11th\ and\ 14th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Ed.\ and\ Res.,\ 1926, p.\ 483.$

Mykosis.

See pneumono-mykosis.

Nagana.

See Trypanosomiasis in camels.

An. Rept. of the Gov. Vet. Bacteriologist, 1904-1905, p. 107.

See serological investigations into some diseases of domesticated animals in South Africa caused by trypanosomes.

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 9.

Nagana.

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 12.

Report on the transmission of nagana in the Ntabanana and Mhlatuze Settlements, Zululand.

 $11th\ and\ 12th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Ed.\ and\ Res.,\ 1926, p.\ 275.$

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Nagana in Zululand.
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13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 311.

Distribution of Nagana.

13th and 14th Repts. of the Dir. of Vet. Ed, and Res., 1928, p. 315.

Diagnosis and differentiation of trypanosomes.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 328.

Symptomatology (including experimental transmission).

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 336.

Influence of age on Nagana.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 368.

Differential diagnosis.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 368.

Miscellaneous experiments.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 371.

Chemotherapy.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 382.

Nala.

Naia flava. (Cape or Yellow cobra.)

2nd Rept. of the Dir. of Vet. Res., 1912, p. 438.

Naia haia, (Egyptian cobra.)

2nd Rept. of the Dir. of Vet. Res., 1912, p. 431.

Necrobacillosis.

Necrobacillosis in equines.

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 537.

Clinical Symptoms.

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 573.

Pathological Studies.

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926. p. 576.

Bacteriological Studies

11th and 12th Repts. of the Dir. of Vet. Ed. and Res., 1926, p. 584.

Necrosis.

Necrosis in musculature and myocard of sheep. Pseudo-tuberculosis.

13th and 14th Repts. of the Dir. of Vet. Ed. and Res., 1928, p. 595.

Nematodes.

A new nematode in fowls, having a termite as an intermediary host.

5th and 6th Repts. of the Dir. of Vet. Res., 1918, p. 697.

South African parasitic nematodes.

9th and 10th Repts. of the Dir. of Vet. Ed. and Res., 1923, p. 435.

Strongylids and other nematodes parasitic in the intestinal tract of the South African equine.

 $9th\ and\ 10th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Ed.\ and\ Res.,\ 1923, p.\ 603.$

Physaloptera canis—a new nematode parasite of the dog.

15th Rept. of the Dir. of Vet. Ser., 1929, p. 329.

Studies on the bionomics of the free-living Trichostrongylus spp. and other parasitic nematodes.

16th Rept. of the Dir. of Vet. Ser. and An. Ind., 1930, p. 175.

A new nematode (Bictularia aethechini).

16th Rept. of the Dir. of Vet. Ser. and An. Ind., 1930, p. 217.

Wild antelopes as carriers of nematode parasites of domestic ruminants.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 233.

The specific diagnosis of nematode infestation in sheep.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 255.

The development of nematode eggs and larvae in cattle dung.

17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 267.

A second species of the nematode genus acanthoxyurus.

 $17th\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Ser.\ and\ An.\ Ind.,\ 1931, p.\ 269.$

Two new species of the nematode menus Hartertia.

```
17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 273.
```

Two new nematodes from the $Suricata\ suricatta$.

Wild antelopes as carriers of nematode parasites of domestic ruminants.

```
18th Rept. of the Dir. of Vet. Ser. and An. Ind., 1932, p. 153.
```

Syngamus indicus: A new nematode from the Indian Elephant.

Nenta.

See Krimpsiekte.

Neoplasm.

Are the lesions of Jaagsiekte in sheep of the nature of a neoplasm?

```
15th Rept. of the Dir. of Vet. Ser., 1929, p. 611.
```

Nephritis.

Experimental studies on a specific purulent nephritis of Equidae.

```
An. Rept. of the Gov. Vet. Bacteriologist, 1908-1909, p. 122.
```

Nitric Acid.

Effect of small quantities of nitric acid on the colorimetric determination of phosphorus.

```
17th Rept. of the Dir. of Vet. Ser. and An. Ind., 1931, p. 475.
```

Nodes.

Nodes and nodules in the lungs of South African equines.

```
7th and 8th Repts. of the Dir. of Vet. Res., 1918, p. 180.
```

Nodes and nodules of non-helminthic and non-glanderous origin.

See nodes and nodules in the lungs of South African equines.

 $7\,th\ and\ 8\,th\ Repts.\ of\ the\ Dir.\ of\ Vet.\ Res.,\ 1918, p.\ 314.$

Nodular Worm.

Report on some experiments in connection with the life history of Strongylus (or Haemonchus) contortus, the wire worm of sheep and goats, and also some notes on the zoological structure of the wire worms and of the nodular worm, Oesophagostomum, columbianum.

2nd Rept. of the Dir. of Vet. Res., 1912, p. 398.

Nodules.

Nodes and nodules in the lungs of South African equines.

7th and 8th Repts. of the Dir. of Vet. Res., 1918, p. 180.

Haemolymphoid-like nodules in the liver of ruminants a few years after splenectomy.

15th Rept. of the Dir. of Vet. Ser., 1929, p. 577.

Novoflavin.

Treatment of Trypanosomiasis with Novoflavin.

Novoflavin and Arsenophenylglycin. Treatment of Trypanosomiasis with this drug

2nd Rept. of the Dir. of Vet. Res., 1912, p. 369.

Nudaurella cytherea.

See Moths.

Nuttalliosis.

Drug treatment in Nuttalliosis.

7th and 8th Repts. of the Dir. of Vet. Res., 1918, p. 639.

Nutrition.

" The want of nutrition theory " in Lamsiekte.

$$2\,n\,d\ Rept.\ of\ the\ Dir.\ of\ Vet.\ Res.,\ 1912, p.\ 70.$$