

APPENDIX.

TABLE I.

Outbreaks of Rabies in Union of S.A. 1928 - 1938.

Orange Free State.

Index No.	District.	Farm.	Date of Outbreak.	Source of Information.	Species of Animal Infected.	Vector	Diagnosis confirmed.	Probable connection between outbreaks.	Remarks.	
1.	Boshof	Blandfort	28/2/29	S.V.C. Bft. B. 80.	Dog.	-	Yes.	Probably the same infection that existed on the farm since 1929.	The dog attacked a European, a Native and pigs, etc. The European was inoculated, the Native died 28/3/29 and 4 pigs died of dumb rabies 25/3/29.	
		do.	18/9/35	"	12/2/1	Cow	-	Yes	The three farms are situated in a triangle about 6 miles apart from each other.	Four cases of rabies in yellow mongoose were described during previous 12 months on adjoining farms.
		Witdam	3/5/29	"	B. 80.	Ox	Cyn. pen.	Yes		The ox was bitten a few days before by a yellow mongoose.
		Kalkfontein	27/9/30	"	B. 80.	Calf	"	Yes		Meercats were eradicated on all three farms in 1930.
2.	Dealesville		17/5/29	"	B. 80.	Cyn. Pen.	Yes	The three farms are adjoining. The camps on latter two farms where the infected animals were found, adjoin that part of Dealsville, where all the cases on that farm occurred.	A dog was attacked by the mongoose.	
			1/8/29	"	"	"	Yes		The mongoose was found wandering in a garden.	
			16/6/32	"	12/2	"	"		No.	The mongoose was found in a garden and attacked a dog.
			6/2/33	"	"	"	"		Yes	Found in same place as latter one.
			14/2/33	"	"	"	"		Yes	The mongoose entered a bed room.
			18/5/39	"	"	Cyn. Pen.	"		Yes	
			9/9/30	Doornrandjes (Ebenezzer)	"	B. 80.	Ox		Cyn. Pen. ?	Yes
3.	Kromspruit		4/11/35	"	12/2/2	Ox	Yes		The Cyn. was found in the same camp as the last mentioned ox.	
			2/1/36	"	"	Cyn. Pen.	No.			
3.	Kinderdam		22/6/38	"	12/2/7	Cyn. Pen.	Yes	All three farms are adjoining.	The Cyn. was found in the veld.	
		Klippan		13/1/36	"	12/2/3	Cyn. Pen.	No.	The Cyn. entered a native hut during the night and attacked three children.	
			Rooipansleegte	19/8/38	"	12/2/9	Dog.	Yes.	The dog attacked sheep and pigs and ran amok over a radius of 4 miles.	

4.	Middelpunt	22/9/36	12/2/4	Domestic cat		No	The cat and ox probably contracted rabies from the same source	Cat suddenly became vicious and attacked humans and objects. Very suspicious of rabies in view of the fact that the ox, which contracted rabies on Nieuwebaby was running on this farm six weeks prior to showing symptoms.	
4a.	Nieuwebaby	12/1/37	12/2/6	Ox		Yes	The nearest infection is Dealesville 45 miles distant.		
4b.	Britzheuvel (Teneriffe)	24/8/38	12/2/10	Pig	Cyn. pen.	Yes	About 15 miles to S.E. of Dealesville	On 1/8/38 a mongoose was found in the pigsty. It had bitten the pig. Two dogs were called to destroy the mongoose. Up to the time of destruction on 20th Sept. the dogs did not show any symptoms of rabies.	
4c.	Stowlands	13/7/38	12/2/8	Calf		Yes	The five outbreaks in this column may be regarded as isolated ones, owing to the distance from other known infections.	-	
4d.	Maagpunt	14/8/38	12/2/24	Donkey		Yes		The donkey had bitten itself, two other donkeys and a native. The native was treated, the donkeys not, but remained healthy. The donkeys were running a week previously on Lemoenplaas	
4e.	Mooihoek	29/5/39	12/2/27	Cyn. pen		Yes			
5.	Hoopstad	Tevrede (Bultfontein)	21/4/31	12/8	Two oxen	Cyn. pen.	Yes	Tevrede, Uitzicht and Rechtvaardig adjoin each other. Weltevreden adjoins Rechtvaardig on the South, while Bethel is about six miles to the S.E. of Tevrede.	Both oxen died within a few days of another. <i>each other</i>
		Weltevreden	29/5/31	"	Dog	Cyn. pen.	Yes		The dog was attacked three weeks previously by a yellow mongoose.
		Uitzicht	Sept. 31	"	Sheep		Yes		-
		Rechtvaardig	14/12/37	12/8/21	Heifer		Yes		The animal attacked other animals but not humans.
		Bethel	5/12/35	12/8/14	Calf	Cyn. dog	No		There is a history of a dog being attacked by a Cynictis. The dog died subsequently with symptoms of rabies.
6.	Wesselsbron		Oct. 32	12/8/2	Cyn. pen.		Yes	Zoetvlei and Wesselsbron are adjoining, while Barlow and Philip are about 10 miles to the North and South respectively of Wesselsbron. Lady Grey is in the vicinity of Barlow. Soetlaagte is about six miles to the West of Barlow and 10 miles to North of Philip.	The mongoose was found in the veld.
			24/7/33	12/8/2	Cyn. pen.		Yes		The mongoose attacked a calf, which was destroyed the same day.
		Barlow	Oct. 32	12/8/2	Cyn. pen.		Yes		The Cyn. was found on the railway line.
		Zoetvlei (Jacobsdal)	8/9/35	12/8/10	Ox		Yes		-
		Lady Grey	8/3/38	12/8/22	Pig	Dog Cyn.	Yes		The history is that on 25/12/37 a Cyn. attacked a dog and bit it on the lip. The dog went mad and attacked sheep, fowls, etc. besides the pig. This happened about 3 weeks before the pig developed symptoms.

	Modderfontein	28/3/38	12/8/23	Dom. cat	Yes	Modderfontein is near Barlow, while Verblyding and Maraispan are 17 miles to the South of Wesselsbron	-
	Soetlaagte (Doornboom)	May 35	12/8/8	European boy	Cyn. pen. No.		The child was bitten by a Cyn. six weeks before the onset of typical symptoms of hydrophobia.
	Verblyding	Nov. 35	12/8/-	Ox	Cyn. pen. Yes		The ox was bitten six weeks previously at the root of the tail by a mongocse.
	Maraispan	4/2/36	12/8/15	Cow	Yes		-
	Philip	7/11/37	12/8/19	Ox	Yes		-
		23/5/38	12/8/19	Cyn. Pen.	Yes		During the Zoological Survey operations the Cyn. was found about 100 yards from the boundary of the camp on Philip in the same camp in which the ox that became rabid was grazing. The Cyn. was unable to run away.
7.	Jeanetta	27/10/33	12/8/5	Human	Dom. cat No.	These three farms are adjoining.	A cat, which showed strange behaviour, bit a European woman 3 weeks before she developed symptoms of hydrophobia, which proved fatal.
	Wesselsrust	14/7/34	12/8/6	Dom. cat	No.		The cat showed typical symptoms of Rabies.
	Kroonstad Weltevreden	Sept. 36	12/8/6	Dog	Cyn. Pen. No.		The dog fought with a mongoose 20 days before the former developed typical symptoms of rabies.
8.	Hoopstad Hestersrust	6/5/36	12/8/17	Dom. cat	Yes	Hestersrust and Goedgedacht are adjoining	The cat, which has been living wild in the veld, attacked a native without provocation.
	Ventersburg Goedgedacht	20/4/36	12/24/1	Two oxen	Yes		-
	Enkeldoorn	2/5/38	12/24/3	Dog	Yes	This farm is 4 miles to the East of Goedgedacht.	The dog was noticed and put into a silo, where it was fed, etc. The animal refused to eat, but unsuccessful attempts were made to drink water.
	Silverstraal	27/9/38	12/24/5	Dog	Yes	This farm is six miles to the South of Goedgedacht.	The dog suddenly attacked farm animals.
	Hoopstad Holfontein	Sept. 32	12/8/1	Cyn. pen.	Yes		No history.
	Mooivlei	26/12/38	12/8/25	Ox	Yes		No history.
	Mooihoek	29/5/39	12/8/26	Ox	Yes		-
	Commonage	29/7/39	12/8/28	Cyn. pen.	Yes		-
	Beestekraal	27/3/37	12/8/18	Dog	Dog Yes		A dog, which became very vicious attacked this dog, in which rabies was confirmed, 14 days before. It also attacked a human.
		24/12/37	12/8/8	Cyn. pen	Yes	These four cases must be considered as isolated outbreaks, as they are a considerable distance away from	During operations on the farm

							known infected places.	by the Zoological Survey Staff the affected Cyn. was found near the house.	
9e.	Groothoek	10/11/37	12/8/20	Cyn. pen	Yes				
9f	Mooiveld	4/2/39	12/8/27	Cyn. pen	Yes			-	
10.	Kroonstad	Middenspruit	15/5/36	12/1	Heifer	Yes	Isolated outbreak	No history.	
11.		Graspan	6/11/33	12/1	Two sheep	Yes	These two farms are four miles apart.	-	
		Botesrust	18/10/38	12/1	Cyn. pen	Yes		The Cyn. was found sick.	
12.	Vredefort	Aankom	1/9/23	B. 80	European Dog male.	No.		The deceased was bitten 10 weeks previously by a "mad dog". This is one of the first suspected cases of Rabies, and described by Cluver.	
3.	Heilbron	Vaalbank	Dec. 32	12/13/1	Ox	Yes	Isolated outbreak	-	
		?	1916.		Two hu- mans	No.			
4.		Klipstapel	2/6/36	12/13/1	Ox	Yes	"	No history.	
5.	Winburg	Strydfontein	22/1/34	12/15	Cyn. pen	Yes	"	The Cyn. was found in a stable. Cases of a similar nature were reported to have been seen 2 years previously.	
6.		Middelfontein	29/12/35	12/15	Cow	Cyn. pen.	No.	"	The cow was bitten 3 weeks be- fore the onset of symptoms of rabies by a mongoose, which be- haved very strangely in not running away on the approach of humans.
5a.		Bethel	2/9/39	12/15	Cyn. pen.	-		Found in the veld.	
5b.	Bothaville	Christinasrust	7/7/39	12/16/1	Ox	Yes		No history.	
17.	Frankfort	Vrisgewaagd	Dec. 1920.	B. 80	European boy	Mongoose	No.	The boy was bitten by a mongoose 6 weeks before the onset of fa- tal symptoms of rabies.	
3.		Groenplaas	22/8/36	12/10	Ox	Yes	These two farms are about 2 miles apart and isolated from other infections.	Three bovines reported dead within a month.	
		Boomplaas	6/3/34	"	European female	Mongoose		Yes	The girl was bitten near the homestead by an aggressive mongoose.

19.	Brandfort	Soutpan	3/8/32	12/13	Domestic cat		Yes	The first two farms are about 4 miles apart, while Georgina is about 8 miles to the South of Aurora.	Attacked and bit a child.
		Aurora (Coktevrede)	18/11/25	B. 80	European Dog male		No		A dog, which showed signs of rabies and which died 16/11/25 attacked the farmer a day before on 15/11/25.
	Bloemfontein	Georgina	3/12/32	12/1	3 Cows		No	Animals showed typical symptoms.	
20.	Brandfort	Keerom	23/11/29	B. 80	Cynic pen.		Yes	The place where the Cyn. was found on Keerom forms one and the same small koppie with the Commonage, where the cases were reported from.	On several occasions during the previous two years cases were reported of strange behaviour of meercats. On 18/2/36 a European child was bitten in the yard.
		Townlands	18/2/36	12/3	"		No		
21.		Meriba	30/7/32	B. 80	Domestic cat	-	Yes	The first two farms are about 3 miles apart, while the third is 6 miles to the East of Danielshoop. Meriba is about 12 miles to the West of Klippan, Boshof.	Attacked a European female.
		Danielshoop	21/12/37	12/3	Cow		No		Typical symptoms described.
		Olienbos	19/11/37	12/8	European Ox male		Yes		It is reported that two months previous to death, the farmer dosed an ox, which showed symptoms of rabies.
22.	Senekal	Maria	22/4/33	12/20	Native boy	Cyn. pen.	Yes	Isolated case	It is reported that the native was bitten in the previous January.
23.		Resida	15/4/33 27/7/33	12/20 "	Cyn. pen. Cyn. pen.		No Yes	These two farms are adjoining.	Suspected case.
		Arundal	12/8/36	"	Cyn. pen.		Yes		
24.	Senekal	Heliophila	19/8/33	12/20	Native male.	Cyn. pen.	Yes	This farm is about 20 miles South of Arundel and the same distance North of Maria	The native was bitten 3 weeks before his death by a mongoose.
25.	Bloemfontein	Sophiadale	30/8/28	B. 80	European boy	Cyn. pen.	No	These two farms are about 4 miles apart.	The boy was bitten six weeks before his death by a mongoose
		Rietfontein	25/9/29 26/7/29	"	Cyn. pen. Cyn. pen.		Yes No		
26.		Townlands	30/3/33	B. 80	Cyn. pen.		Yes	These cases may be regarded as isolated ones.	- Found dead.
27.		Glen	May, 33	B. 80	Cyn. pen.		Yes		- Found dead.
27c.		Boshoek	13/7/36	12/21/1	Wild cat (Felis cafra?)		Yes		The cat attacked a native child at the hut in daylight.
27a.		Ventersvlei	27/1/38	12/21/1	Ox				The owner relates that a wild

27b.		Meloramani	7/7/39	12/21/14	Dog		Yes		cat attacked his father in the garden 20 years previously in daylight and some 2 years previously a Cyn. which behaved very strangely was seen near the kraals.
28.		Marah	11/2/36	12/21/1	Geosc. cap.	Cyn. pen.	Yes	The relation of these two outbreaks is fully discussed in the text.	Animal developed typical symptoms and bit a native.
		Maakraal	20/9/38	12/21/2	Dog		Yes		Several Cyn. were found in the railway houses and near the kraals.
									The dog attacked sheep and a native child, the latter was badly mauled.
29.		Tafelkop	8/10/38	12/21/11	Cyn. pen		Yes	The two farms are about 10 miles apart.	The Cyn. was found near the homestead in the evening. There is a very large colony about 200 yards away.
30.		Sterkfontein	9/12/38	12/1/12	Cyn. pen.		Yes		The Cyn. was found in the barn. The owner reports similar behaviour of mongooses on previous occasions on the same farm.
30a.		Sunnyside	13/5/39	12/1/14	Cow, Cyn.		Yes		When area was gassed two Cyn. were found; both proved positive.
31.	Thaba 'Nchu	Petra	9/5/38	12/27/1	Cyn. pen.		Yes	Isolated cases	No history.
31a.		Koppieskraal	10/3/39	12/27/2	Ox		Yes		
32.	Jacobsdal	Roodepan (Roodedam)	19/9/36	12/26	Felis cafra?		Yes	Isolated case.	The cat attacked dogs in daylight in a country store.
33.		Abramsdam	8/9/36	12/26	Native female	Dom. cat	No	Isolated case.	The native woman died three weeks after having been bitten by a cat, with symptoms of hydrophobia.
34.	Fauresmith	Abramskraal	19/7/33	12/26	Native male	Wild cat	Yes		The cat attacked the native in his hut.
35.	Philippolis	Town (Rowlesfontein)	25/9/36	12/16	Dom. cat		Yes		The lady, who resides on the outskirts of the town and owner of the cat, was troubled for some time previously by vermin (ongedierte) stealing her fowls during the night.
36.	Trompsburg	Townlands	June, 32. 26/7/32 10/2/33 11/3/33 28/8/33	12/21 " " " "	Suricato Cyn. pen. Cyn. pen. Cyn. pen. Cyn. pen.		Yes Yes No Yes Yes	Refer to map and text	Attacked by dog in the street. Material was decomp. Very suspicious behaviour.

			29/10/35		12/21	Cyn. pen.		Yes		
			18/5/37		"	Cyn. pen.		Yes		
			30/9/37		"	Cyn. pen.		Yes		
			17/7/39		"	Cyn. pen.		Yes		
	Hamelfontein		3/6/33		"	Dog		Yes		
			15/7/33		"	Native	Cyn. pen.	Yes		Attacked a native girl, who died of Rabies.
	Spes Bona		14/4/38		12/21/2	Gen. fe- lina		Yes		Attacked a native in daylight.
37.	Eensgevonden		31/10/30		12/21	Human	Dog	No.	Isolated case.	The farmer was bitten by his own dog, which became aggressive. The farmer died 2 weeks after having been bitten in the throat.
38.	Edenburg	Townlands	3/4/33		12/5	Cyn. pen.		Yes	Isolated case.	
			3/8/33		12/5	Cyn. pen.		Yes		
			20/6/39		12/5	Cyn. pen.		Yes		
39.	Rooiberg		18/11/33		12/5	Dog	Cyn. pen.	No	Isolated case	The dog developed typical symptoms of rabies after having been bitten by a Cyn., and eventually turned on its master.
40.	Goedehoop		2/12/35		12/5	European male.	Dog, jackal	No.	Isolated case	The history is that the dog turned mad some time after having fought with a jackal. The dog during the onset of symptoms attacked the European labourer who contracted hydrophobia and died.
41.	Veldkraal		29/2/36		12/5	Dog	-	Yes	Isolated case	-
42.	Bankfontein		19/3/36		12/5	Cyn. pen.		Yes	Isolated case	Attacked a native in the hut during the night.
42a.	Riverside		18/8/37		12/5	Ictonyx orangiae		Yes		Found in the veld.
<u>Cape Province.</u>										
43.	De Aar	Burgherville	26/1/29	S.V.O. C.T.	13/14A	European Girl	Gen. fe- lina	Yes		The deceased was bitten during the night in her bed by a Genet cat. The animal was found in the room, but showed no signs of fear. It was reported that a native saw a cat of strange behaviour a fortnight before the incident.
44.	Middelburg	Swartkopjes	Jan., 30.	"	"	Three Cyn. pen.		No.	The farm is about 20 miles South of Rosmead	All three mongooses showed strange behaviour. One chased

	Manor Holme		22/2/30	S.V.O. C.T.	13/14A	Cyn. pen.		Yes	Adjoins Swartkopjes on the East.	a tom cat, another was found sitting in a garage, while the third was found by a farmer in the veld and appeared very tame.
	Ridgewater		14/3/30			Myonax pulv.		Yes	Adjoins Swartkopjes on the West.	The owner of the farm noticed a high mortality in grey mongoose at that time.
44b.	Culmstock		Oct. 1930	"	"	Suricate		Yes	Also adjoins Swartkopjes	
	Hermanfontein		22/5/36	"	"	Felis cafra?		Yes	25 Miles S.E. of Swartkopjes.	A wild cat attacked a human.
45.	Cradock	Limebank	10/6/31	"	"	Coloured male.	Myonox?	Yes		Deceased was bitten two weeks before his death by a "muis-hond" probably a Myonox.
46.	Hanover	Bokfontein	10/10/34	"	"	Native male.	Felis cafra?	Yes	20 Miles South of Hanover.	Owner reported that he had seen sickly looking meercats.
47.	Britstown	Leebkopsdam	23/2/36	"	"	Native child.	Cyn. pen.	Susp.		Three children were bitten 20 days before the death of one victim by a yellow mongoose. The youngest, aged three, was bitten on the throat and died. The other two were bitten on the legs and hands and received antirabic treatment after the first died and survived.
48.	Maraisburg	Karreefontein	June, 1931	"	"	European male.	Mongoose	No.		The boy was attacked by a mongoose in the veld.
49.	Hay	Selfdink	18/8/39	S.V.O. Bft.	12/25/1	Geneta		Yes		Attacked a dog in the evening near the homestead.
50.	Carnavon	Olifantskop	8/2/30	S.V.O. C.T.	13/14A	European	Cyn. pen.	Susp.		Deceased was attacked 3 weeks before his death by a red meercat.
51		Town	20/3/30	"	"	Suricate		Yes		A pet Suricate kept by a family suddenly attacked their child. The animal was kept under observation and died with symptoms of paralysis.
52.	Cape Peninsula	Retreat	29/6/36	"	"	Dog		Yes	-	The dog was found wandering and snapping at people.
		Plumstead	Aug. 36.	"	"	Dog		Yes	-	No history.

Bechuanaland.

53.	Mafeking	The Grange	June, 1932	G.V.O. Mfk.	6/4/1	Native male.	Gen. felina	Yes		
			Aug., 1932	"	"	Gen. felina		Yes		
		Intershhoek	15/5/36	"	"	Gen. felina		Yes	Adjoins the Grange on South.	Attacked a dog.
		Jakhalsput	14/2/36	"	"	Cyn. pen.		Yes	Adjoins Wintershoek on the South.	
		Welgemoed	1/7/36	"	"	Gen. felina		Yes	App. 10 miles S.W. of Jakhalsput.	
		Papiesvlakte	21/8/37	"	"	Cyn. pen.		Yes.	App. 10 miles North of Welgemoed and same distance W. of The Grange.	The mongoose attacked a European boy.
54.		Knowls Park	July, 1933	"	"	Gen. felina		Yes		
55.	Vryburg	Doornbult	12/10/38	S.V.O. Vb.	12/22/10	2 Oxen donkey		Yes Yes	These two farms are about 6 miles apart.	Both oxen suffered from intense irritation of skin. Donkey wandered aimlessly. There is a history of a cow dying a week previously with symptoms of Rabies and severe itching.
		Karreebult	15/12/38	S.V.O. Bft.	12/22/11	Dog		Yes		The dog showed "dumb" rabies.
56.	Vryburg	Lorenzo (Boshoek)	Sept. 1926	S.V.O. Bft.	B. 80	European child.	Genet fel.	Susp.		The child was bitten in the throat by a genet cat. The animal was seen near the house during the day.
		Louwrensgeeluk	19/7/29	"	"	Gen. felina		Susp.	For probable connection between outbreaks please refer to the map of Vryburg.	The animal approached the house in daylight.
		Wilbeespan	31/7/29	"	"	Gen. felina		Yes.		Attacked a human. A tsepa cat of similar strange behaviour was seen on the same farm in the beginning of the same month
		Blomhoek	12/7/35	"	"	Heifer	Cyn. pen.	Yes		Four bovines died during the same months with signs of Rabies. All four were bitten on the nose by the same mongoose.
		Vogelstruisvlakte	23/8/35	"	"	Domestic cat	Gen. felina	Yes		The cat was attacked 3 weeks previously by a genet cat in the house. The domestic cat in turn turned on its mistress.
		Kromspruit	30/7/35	"	"	Ox		Yes		
		Massouwskop	20/8/29	"	"	Gen. felina		Yes		The Tsipa entered the house in the evening.

	Kommandodrift (Doffespruit)	6/9/38	G.V.O. Mfk. 6/4/4/6	Ox		Yes		The outbreak occurred on Doffespruit, but was removed 4 days before from Kommandodrift.
	Voetpaddrift	6/12/38	D.V.S. 288/2/7	Heifer	Cyn. pen.	Yes		The animal was bitten 24 days previously by a mongoose.
	Doornbult	21/10/38	D.V.S. V 288/2/1	Ox		Yes		On the adjoining farm Leeuwbos a suspected case in a cat occurred six weeks previously.
	Karreeboomkuil	13/8/39	G.V.O. Pot. 6	Pig	Dog	Yes	10 Miles North of Leeuwdoornstad.	On 20/7/39 a dog bit two pigs and a human. One pig died 11/8/39 and the other 13/8/39.
	Town	16/5/35	" V.288/2/1	Dog	Cyn. pen.	Yes	Isolated case	On the 5/5/35 a mongoose was found in the room with the puppies, and on the 16th one puppy showed paralysis.
	Schaapplaas	27/1/35	" "	Two Cyn. pen.		Yes	Isolated case; probably same infection.	A dog was attacked and bitten by the first case. The two cases occurred within a few days. A donkey, which was bitten some 12 weeks previously behaved strangely some time afterwards and died.
		28/8/38	" "	Ox		Yes		-
	Karreebult	29/8/38	G.V.O. Pot. 6	Cyn. pen.		Yes	20 Miles N.W. of Wolmaransstad.	No history.
Lichtenburg	Damaskus	12/6/33	D.V.S. 288/2/7	Cyn. pen.		Yes		2nd Case within a few days.
	Vaalkop	3/6/39	" "	Donkey		Yes		No history.
	Ottosdal	28/6/34	" "	Dom. cat		Yes		The cat attacked a boy.
	Enselsrust	18/6/36	" "	Dom. cat		Yes		The cat attacked several people and on the 15th Aug. a further cat became sick (being vicious) and died.
	Doornhoek	Apr. 29	" "	Native male.	Mongoose	Yes		The native was attacked by a mongoose.
	Erfdeel (Rietpan)	11/9/38	G.V.O. Mfk.6/4/3/5	Cow		Yes		A cow showing similar symptoms was destroyed 8 days previously.
	Biesjesvlei	21/5/38	" 6/4/3/4	Donkey		Yes		The donkey severely bit itself and attacked other donkeys.
	Toekoms Kliprif (Doornpoort)	16/9/38	" 6/4/3/6	Cow	Cyn. pen.	Yes		Seven calves died with symptoms of rabies. One was bitten by a mongoose.
	Driekwart	28/9/38	" 6/4/3/7	Ox		Yes		Another ox died 3 weeks previously with similar symptoms.

70.	Schweizer Reneke Jalala		16/8/33	D.V.S.	V 288/2/5	Cyn. pen		Yes		
71.	Landfontein		Sept. 35	"	"	Ox		Yes		No history.
72.	Croyden		14/10/35	"	"	Cow		Yes		There is a history of aggressive meercats having been found on the farm 2 years previously.
73.	Balmoral		8/2/36	"	"	Calf		Yes		No history.
74.	Excelsior		2/6/38	G.V.O. Mfk.	6/4/4/1	Cat		Yes		-
75.	Diamantdoorns		15/7/38	"	6/4/4/2	Cx		Yes		Cat attacked several people.
76.	Silverstreams		4/8/38	"	6/4/4/3	Cow		Yes		The ox attacked other cattle and humans.
77.	Bloemhof	Zevenfontein	29/4/36	D.V.S.	V 288/2/26	European girl	Geosc. cop.	Yes	The two farms are very close to each other.	The deceased was bitten some time before by a squirrel.
		Karrebosfontein	23/12/37	"	"	European boy	Cyn. pen.	Yes		The boy was bitten by a mongoose on the 30th November.
78.	Christiana	Koppleenkel	2/8/35	"	V288/2/23	Horse	Dog	Yes	Isolated	The horse was bitten on 5/7/35.
79.		Kameelpan	5/8/35	"	"	Cyn. pen.	Dog	Yes	Isolated	Several mongooses were seen to be sick.
80.	Klerksdorp	Ysterspruit	14/12/35	"	V288/2/24	Horse		Yes)	The two farms are in close proximity.	There is a history of a mongoose having been found in the stable a few weeks previously.
		Brakspruit	13/4/38	G.V.O. Mfk.	3/6/2	Calf		Yes)		
80a.		Opraap	23/2/39	G.V.O. Pot.	6	Cyn. pen.			About 30 miles due North of Klerksdorp	Attacked a <b>child</b> and a dog.
80b.		Corbietjiesfontein	1/5/39	"	"	Bovine		Yes	22 Miles west of Klerksdorp.	No history.
81.	Ventersdorp	Kafferskraal	30/6/33	D.V.S.	V288/2/17	Cyn. pen.		Yes		The Cynictis attacked a child.
82.		Leliefontein	5/8/33	"	"	Calf		Yes		The owner reported that over a period of 12 months he had been losing calves on the average of 3 a month, all exhibiting the same symptoms.
83.	Krugerdsorp	Landfontein	19/8/37	D.V.S.	V288/2/28	European boy	Cyn. pen.	Yes		The deceased was bitten by a mongoose in the middle of July.
84.	Brakpan	van Byk	28/6/33	D.V.S.	V288/2/19	European male	Cyn. pen.	Yes		The deceased was bitten in April.

Table IV.

Table showing monthly rainfall, 1928 - 1938, for Districts 28 and 30, and including that portion of the districts to cover the Central Rabies Area.

	Jan.	Feb.	March	Apr.	May	June	July	Aug.	Spt.	Oct.	Nov.	Dec.	Total
1929:													
Dist. 28	2.93	.70	4.54	1.30	.46	.70	1.14	.50	1.92	.70	2.36	2.72	19.92
" 30	2.71	1.25	4.50	.51	.51	1.62	1.10	.61	3.32	.70	2.21	3.80	21.91
1929 mean	3.32	.97	4.52	.95	.47	1.16	1.12	.55	2.62	.70	2.27	3.26	20.96
1930:													
Dist. 28	3.70	2.58	2.82	1.30	.17	.04	.03	.16	.00	.88	1.58	2.40	15.66
" 30	3.41	1.62	2.61	1.90	.30	.21	.08	.31	.00	1.00	1.10	1.83	14.51
mean	3.55	2.10	2.70	1.60	.23	.13	.05	.24	.00	.94	1.35	1.61	15.08
1931:													
Dist. 28	4.81	3.90	3.21	3.30	.00	.00	.23	.00	.00	1.70	4.00	.58	21.71
" 30	4.10	3.20	2.31	4.81	.01	.12	.90	.00	.01	2.31	4.44	1.00	23.21
mean	4.45	3.55	2.76	4.05	.05	.06	.56	.00	.00	2.00	4.22	.79	22.46
1932:													
Dist. 28	1.10	3.21	3.21	1.10	.07	.12	.01	.00	1.20	.89	1.91	3.62	16.74
" 30	1.72	3.41	2.34	.21	.06	.03	.00	.00	1.41	.71	1.21	2.81	14.73
mean	1.41	3.31	2.75	.65	.7	.07	.00	.00	1.30	.80	1.75	3.21	15.73
1933:													
Dist. 28	1.51	1.91	.94	1.14	.03	.10	.00	.00	.11	1.18	3.31	3.70	13.12
" 30	.71	1.21	2.50	1.21	.03	.05	.02	.03	.11	.21	5.31	3.00	14.31
mean	1.11	1.51	1.72	1.17	.03	.07	.00	.01	.11	.65	4.32	3.35	13.75
1934:													
Dist. 28	5.49	3.43	2.89	2.37	2.23	.16	.26	.28	.06	2.78	5.33	2.60	26.81
" 30	7.61	3.00	2.81	1.71	2.31	.03	.51	.12	.06	2.51	3.81	2.50	26.49
mean	6.55	3.21	2.85	1.01	2.26	.09	.38	.20	.06	2.65	4.52	2.55	26.64
1935:													
Dist. 28	1.44	2.70	4.60	2.19	.83	.21	.01	.31	.32	.51	1.69	3.34	18.04
" 30	1.59	2.35	3.85	2.16	1.17	.50	.00	.32	.31	1.10	2.21	3.10	18.06
mean	1.52	2.52	2.77	2.17	1.00	.35	.00	.31	.32	.84	1.90	3.22	18.05
1936:													
Dist. 28	3.17	3.76	5.33	.42	1.45	.01	.00	.00	.2	.78	4.76	1.10	21.08
" 30	3.31	2.91	4.44	1.20	1.32	.04	.04	.00	.17	1.51	6.53	1.70	23.72
mean	3.24	3.33	4.88	.62	1.38	.00	.02	.00	.18	1.14	5.64	1.40	22.35
1937:													
Dist. 28	4.8	3.5	1.5	1.3	.2	.0	.0	.0	.2	.3	.5	4.8	17.0
" 30	5.5	3.8	1.7	.3	.5	.4	.1	.0	.0	.5	1.3	2.6	16.7
mean	5.1	3.6	1.6	.8	.3	.2	.05	.0	.1	.4	.9	2.7	16.35

1938:														
Dist. 28	3.0	2.1	1.1	.8	.3	.3	.1	.1	.0	2.2	1.2	2.9	13.1	
" 30	3.6	2.7	.7	2.6	.3	.7	.3	.4	.1	3.1	1.5	2.0	15.0	
Mean	3.3	2.4	.9	1.7	.3	.5	.2	.3	.0	2.6	1.3	2.4	14.1	

Table VIII.

The Concentration of HCN in the Burrows of Meercats.

Showing: (a) The time the tests were taken after the gassing of the colony was completed;

(b) The time taken for picrate test papers to be discoloured and the corresponding estimated HCN concentration in 1000.

Experiment I. Trassiebos Colony - Wintershoek. 14/1/38 - Graph No. 3.

Cylinder No.	15 min.		30 min.		45 min.		1 hour		1 hr 15 min.		1 hr 30 min.		1 hr 45 min.		2 hours		2 hrs. 15 m.		2 hrs. 30 m.		2 hrs. 45 m.		3 hours		3 hrs. 15 m.		Remarks.	
	(a) Time	(b) HCN conc.	(a) Time	(b) HCN conc.	(a) Time	(b) HCN conc.	(a) Time	(b) HCN conc.	(a) Time	(b) HCN conc.	(a) Time	(b) HCN conc.	(a) Time	(b) HCN conc.	(a) Time	(b) HCN conc.	(a) Time	(b) HCN conc.	(a) Time	(b) HCN conc.								
I	20	4.3	7	2.6	15	3.6	40	6.9	30	5.5	40	6.9	55	9.5													The hole collapsed but was repaired.	
II	30	5.5	12	3.1	70	12.0	160	34.8	225	74.4	260	120.0	220	72.0														
III	25	4.8	22	4.1	75	13.8	90	16.1	130	33.1	195	50.4	90	16.1														
IV	30	5.5	70	12.0	165	37.5	360	-																			Slight discolouration after 30 min.	
V	20	4.3	55	9.5	90	16.1	270	122.0	330	-	342	-	390	-														
VI	10	1.7	35	6.0	15	3.6	25	4.8	40	6.9	40	6.9	45	7.6														
VII	95	17.5	105	19.2	125	23.3	150	23.3	150	31.4	300	-																

Experiment II. Beestekraal 15/1/38 - Graph No. 4.

Moisture content of soil 2.6%.

I	20	4.3	63	10.8	79	14.0	59	9.8	55	8.3	100	18.0	105	19.2	195	50.4	150	31.6	235	48.0	130	25.2	420	-	440	-	
II	20	4.3	40	6.9	81	14.2	69	12.0	68	13.9	115	24.3	79	14.0	91	16.6	125	23.3	182	44.6	220	72.0	390	-	440	-	
III																											No discolouration after 30 min.
IV	40	6.9	45	7.6	42	7.2	63	10.9	46	7.8	93	16.9	41	7.1	87	15.6	141	28.3	190	51.9	220	72.0	360	-	540	-	
V	13	3.4	33	5.8	18	3.8	21	4.4	19	4.2	17	3.7	21	4.4	31	5.6	34	5.9	21	4.4	31	5.6	60	10.3	90	16.1	
VI	15	3.6	34	5.8	46	7.8	33	5.8	31	5.6	43	7.6	39	7.5	67	13.6	245	96.0	200	51.3	135	26.8	243	95.8	260	120.0	
VII	70	12.0	49	9.6	60	10.3	39	6.8	46	7.8	76	14.0	73	13.6	70	12.0	210	62.4	170	39.6	160	34.8	140	28.0	226	74.8	

Experiment III. Colony III. Beestekraal 15/1/38. Graph No. 5.

Moisture content of soil 2.8%.

I	31	5.5	130	25.1	130	25.2	390	-	485	-	330	-																	
II	40	6.9	65	11.0	29	5.4	115	21.2	158	33.4	123	23.1																	No discolouration of test paper.
III																													

IV	25	4.8	125	10.5	131	33.1	90	16.1	130	33.1	122	23.0
V	28	5.0	43	7.4	55	8.3	68	13.8	85	15.4	121	22.9
VI	45	7.6	44	7.6	66	13.5	200	51.3	130	25.2	125	23.5
VII												

Experiment IV. Colony on Pan. Bestersrust 3/5/38. Graph No. 6

Moisture content of soil 2.74%.

Compressed air.

I	240	95.8										
II	240	95.8										
III	95	17.6	210	62.9								
IV	240	95.8										
V	5	2.6	15	3.6	20	4.3	90	16.1				
VI	240	95.8										
VII	240	95.8										

Handpump. 4/5/38. Graph No. 7

I	25	4.9	55	8.3	50	8.6	55	8.	55	9.5	30	5.6	20	4.3	60	10.3	50	8.6	60	10.3
II	90	16.1	180	44.0	150	31.8	270	122.0												
III	60	10.3	60	10.3	50	8.6	50	8.6	70	12.0	80	13.9	80	13.9	120	22.8	105	19.2	90	16.1
IV	75	13.8	90	16.1	95	17.6	240	95.8												
V	15	3.6	25	4.8	25	4.8	35	6.0	30	5.6	30	5.6	23	4.4	60	10.3				
VI	240	95.8																		
VII	240	95.8																		

Experiment V. Colony B. Bestersrust 3/5/38. Graph No. 8.

Moisture content of soil 3.05%.

Compressed air.

I	20	4.3	45	7.6	60	10.3	80	14.1	60	10.3	75	13.8
II	30	5.5	25	4.8	190	51.9						
III	20	4.3	32	5.8	150	31.4	210	62.4				
IV	25	4.8	40	6.9	105	19.2	120	23.0	45	-	120	23.0
V	45	7.6	90	16.4	240	95.8						