Box E. Piroplasmosis, Trypanosomiasis and Malta Fever

Publication/Creation

c.1884-1903

Persistent URL

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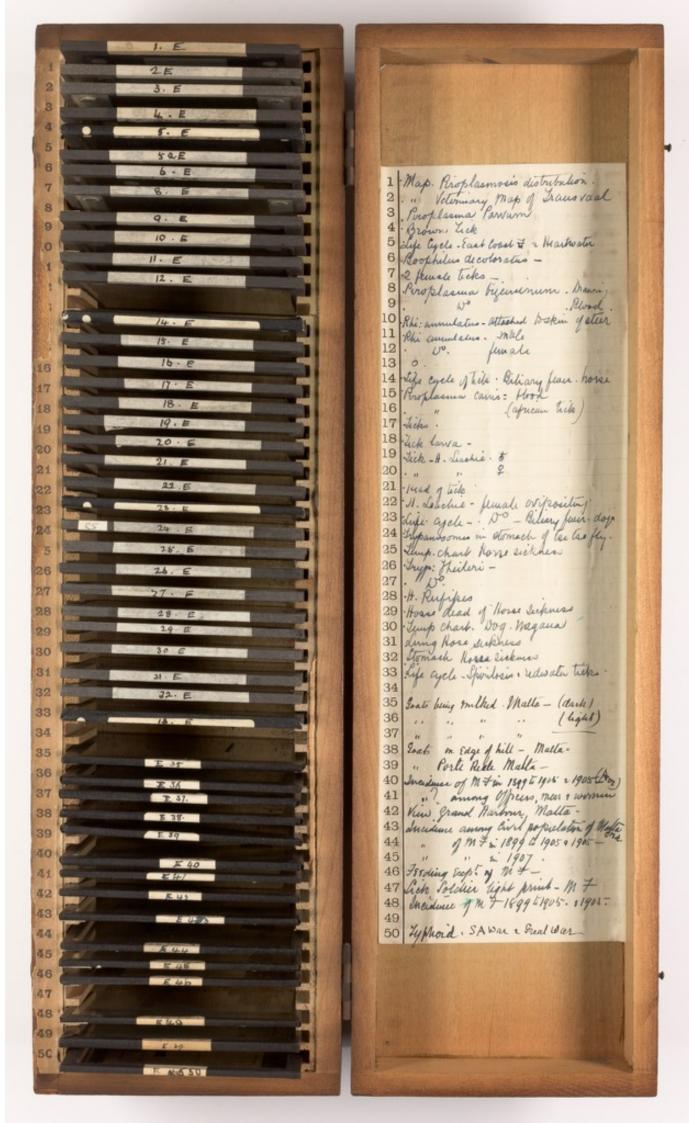








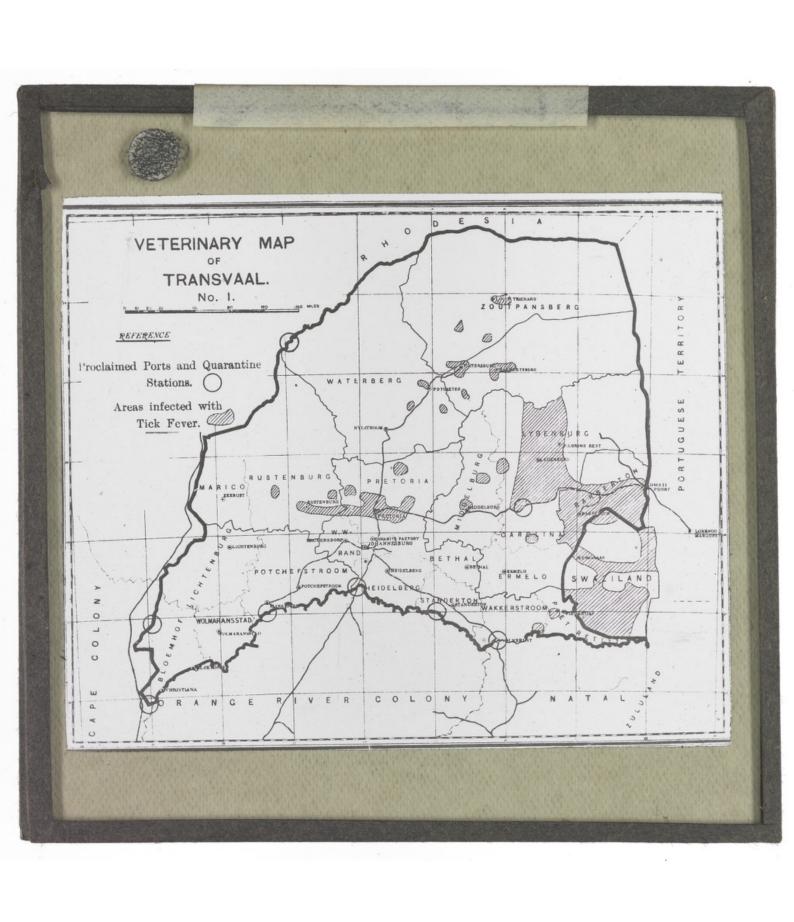




Col. Bruce C.B. F.R.S



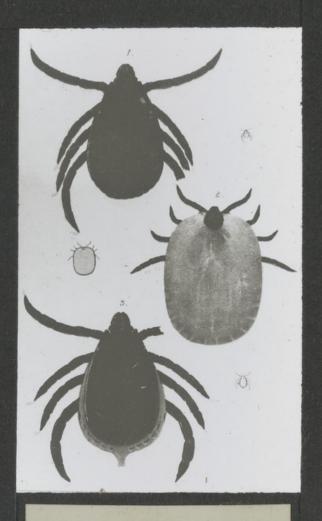
Ofter S. H. F. nuttall





PIROPLASMA PARYUM.

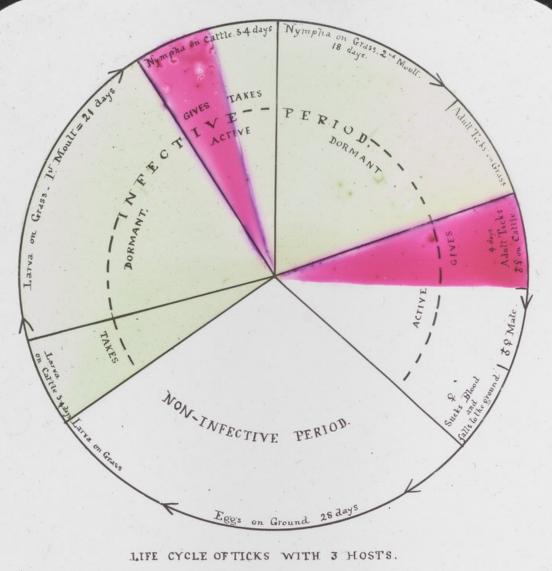
4 E Brown tick



Col. Bruca C.B., F.R.IS.

Brown riche

E 5. Gell of brown tick.



TAST COAST FEVER THIPICEPHALUS APPENDICULATUS. 73 days simus.

HEART-WATER. AMBLYOMA HEBRAEUM.



Col. Bruce C.B., F.R.S.

Bookhilus decoloratus 155. Phy rosio & & & after Hoch 1847.

Bont leg tick.

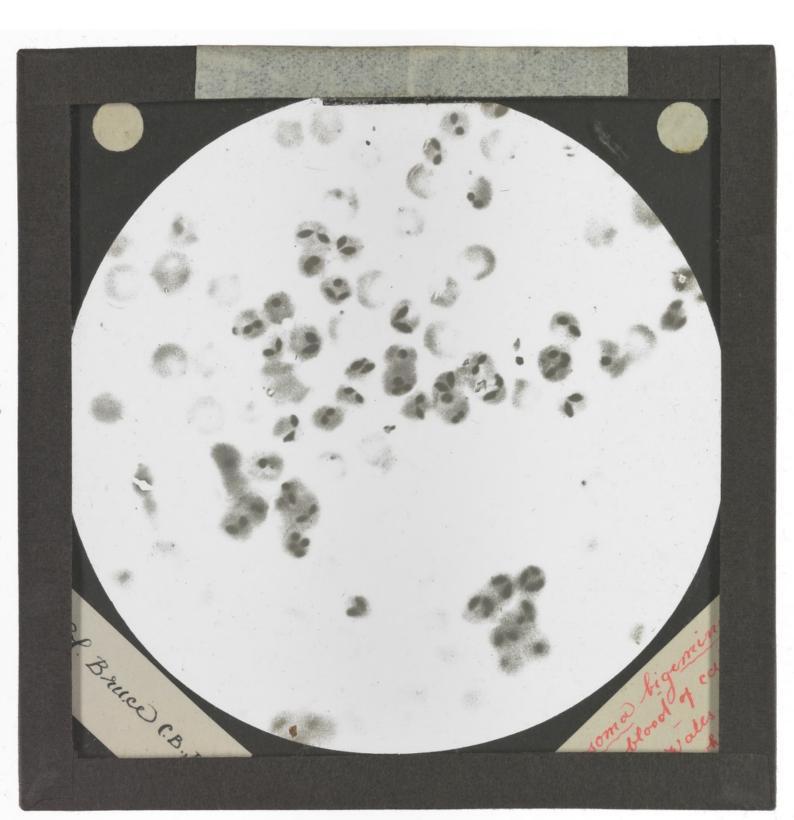


Col. Bruce C.B., F.R.S.

Two demode Licks
(Mydermma Orgyphum)
overbosching Halwal



PIROPLASMA BIGEMINUM.



thisicephalus annulatus.



Col. Bruce CB, FRS.



(d. Bruce C.B., F.R.S.

Rhyscepholus of annulatus of salmon 15 teles

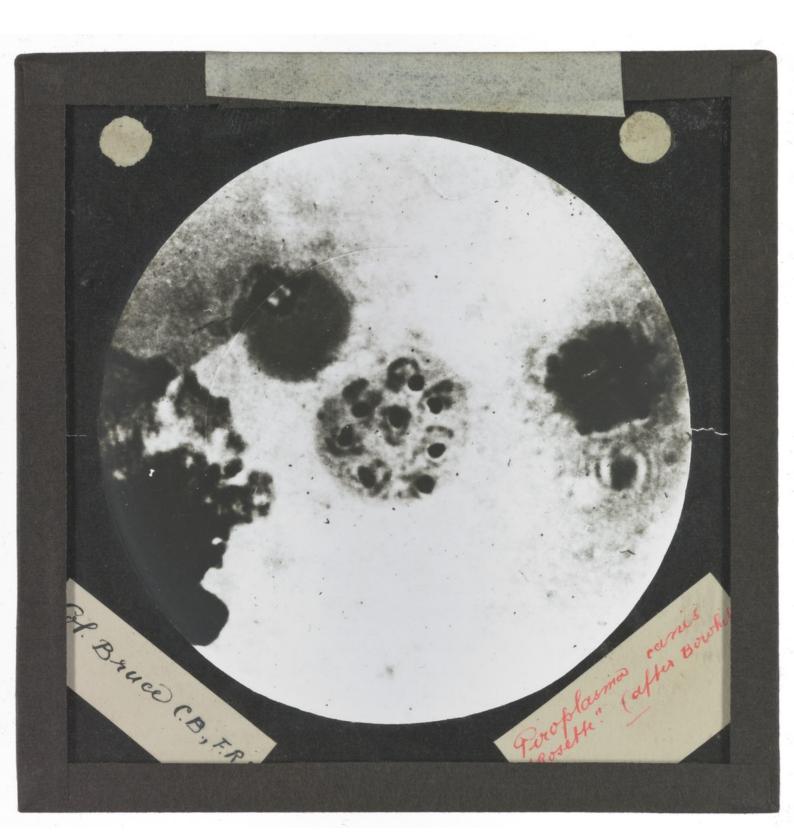
PLATE LXXV



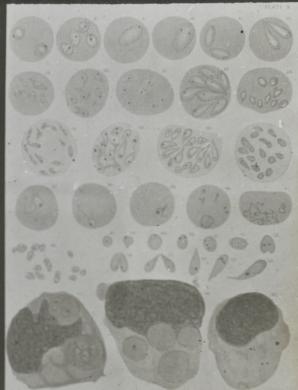
Phipreephodus. 9

ONO TOP THE

TAKES . Larva on Horse 3-A day's NOW INFECTIVE PERIOD. Eggs on ground LIFE CYCLE OF TICKS WITH 2 HOSTS RHIPICEPHALUS EVERTS! BILIARY FEVER OF HORSES.







Peroplarma of Dog (african tick) 2 Suestes



Col. Bruce C.B., F.R.S.

? Este Lezchi



Col. Bruce C.B., F.R.S.

Hok Lawae.

even after escape
from eggs. x 20

Col. Bruce C.B., F.R.S.



J.ck 3 x 20



H. leachi remale

Cd. Bruce C.B., F.R.S.



Head of rick x 900



Col. Bruce C.B.F.R.S.

ANT CHARMANT -- PERIOD on grass. HAEMAPHYSALIS LEAGHI BILIARY FEVER IN DOGS.



Horse Cappicia

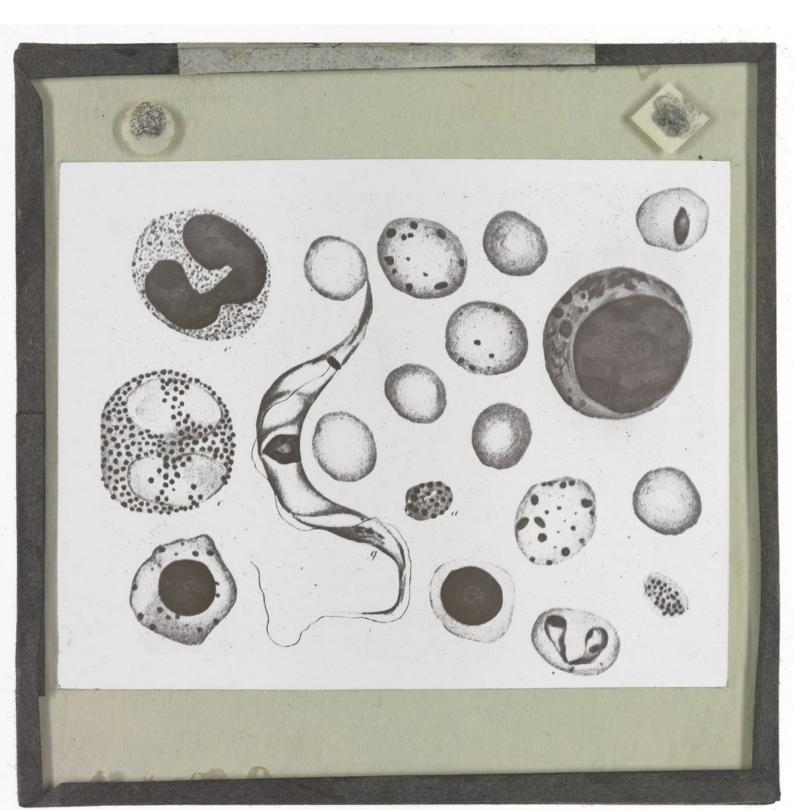


Day of Disease.		1	2	3	4	5	6	7	8	9	10	11	12	13	14		
Dale Jan x 1899	10	//	12	/3	14	15	16	17	18	19	20	21	22	23	24		
108°		lood														1	
107°		e.e. Virulent Blood											1				
106°		loral											1				
105		ec.															
104.	111	7									1		V		M		
103°		Inoculated								1		,	•	-	DIED 5. PM.		
102°		noc								1	1		<u> </u>	1	ŒD		
101		Inc		*				1	1		V				M		
100	*	*	*		1	. 1	1	1	V	V	•				1		
99°	/\	/	//		\bigvee	\backslash / \backslash	/								V	2.48.	pm
98.	4	V	V	A		•	Ŋ	-									
97°				-										7 .	711		
96°			0		0		0	0	0	0		9	D	9	3.030		-
Red Blood Corpuseles			7,460000	6,880.000	6,290,000	6,370,000	000'086'9	7.370.000	7.180,000	7,230,000	6,560,000	6,720,000	6,600,000	6,580,000	13, 690, 000		
White Blood orpuscles			8.000	2.400	209-9	0011.9	7.600	12.800	10,800	aotr 9	2.800	6.000	0.84	2.400	9.300		
pecific wavity of Blood			1055	105.5	1060	-5901	-5901	1060	1052	1060	1052	1060	5501	1055	1067		
Pulse			30	32	32	32	32	32	36	36	36	44	48	60			
E			34	40	40	32	38	40	38	48	44	5-6	64	76			

Col. Bruce C.B., F.R.S.



Trypanosoma Theileri



Rufipes



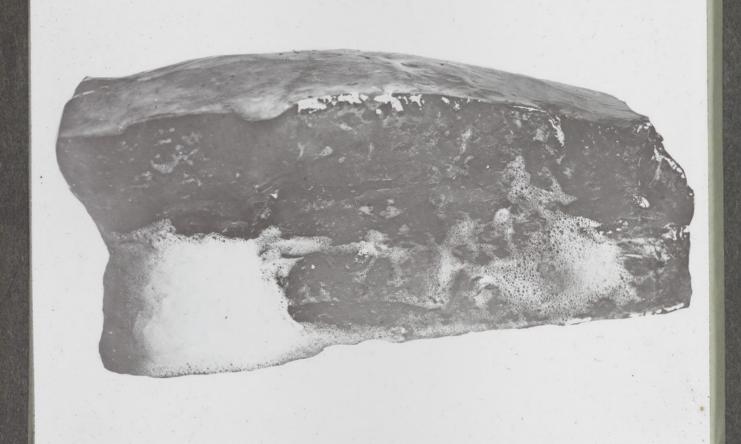
Thep. Chart dog . Majama



Lung - Hone liekuces









Nympha on Cattle 2nd Moult. INFECTIVE Eggs on Ground 36 days INFECTION GOES THROUGH EGG. RHIPICEPHALUS DECOLARATUS AND REDWATER. SPIRILLOSIS

Socto. Malla



Goats. Malla

12



£36



Soats Malta





Goats. Malta



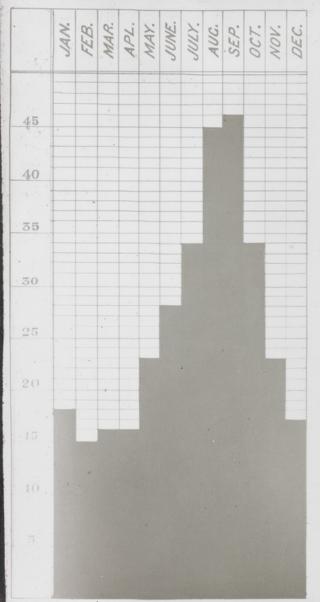
15

Porte Reale Malta.

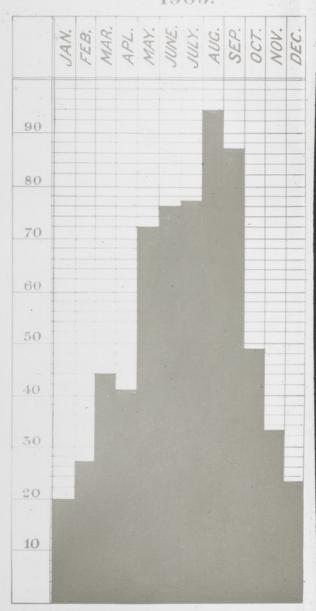


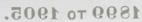
1999 to 1905

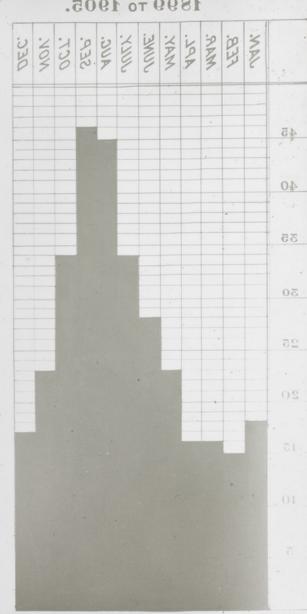
1899 to 1905.



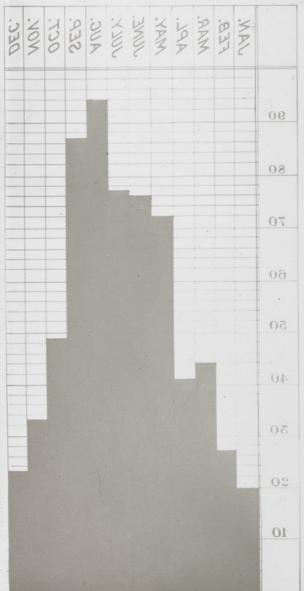
1905.

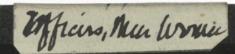












MALTA FEVER IN THE CARRISON RATIO per 1.000. 1897 to 1905

	Officers.	N.C.O.§ Men.	Women.		
100			1		
80					
60					
40					
40					
20					
0					

Grand Harbour

4



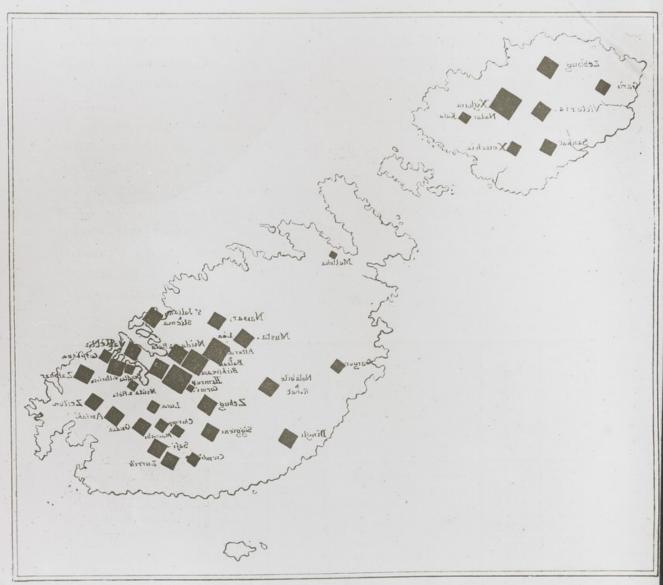


civil population



Map of Malta and Gozo, showing the Distribution of Malta Fever in the various Towns and Villages of the two Islands.

malla From

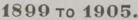


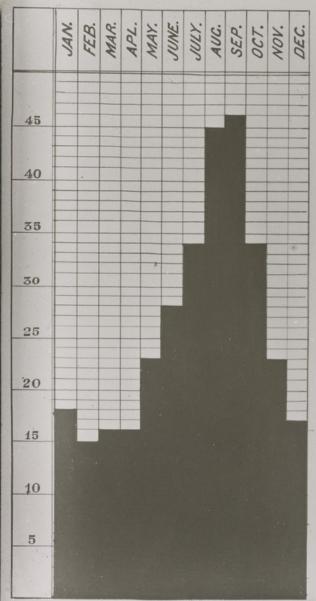
Map of Malta and Gozo, showing the Distribution of Malta Fever in the various Towns and Villages of the two Islands.

No.1

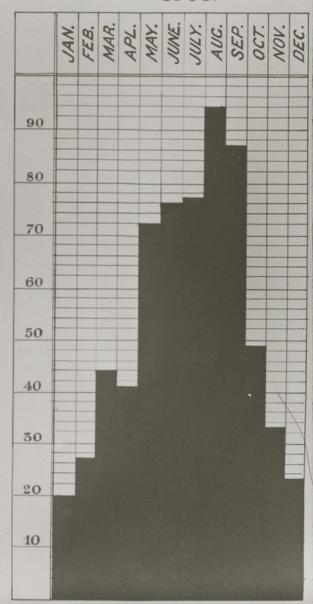
1899 to 1905



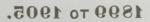




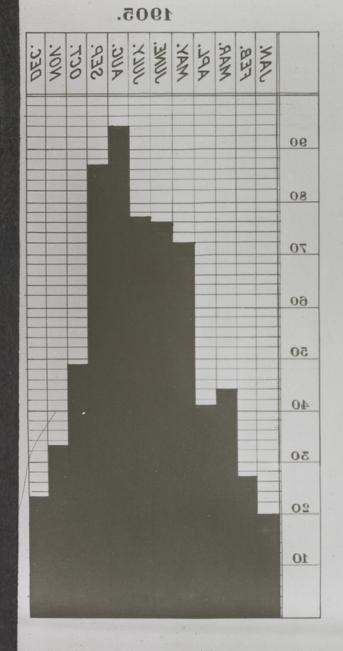
1905.



* 1905 m7



DEC.	NON.	OCT.	SEP.	AUC.	JULY.	JUNE.	XP3	APL.	MAR.	.B37	.MAL	
155												
												45
												40
												65
-												



ARMY 1907.

JAN.
FEB.
MAR.
APL.
MAY.
JUNE.
JULY.
AUC.
SEP.
OCT.
NOV. 45 40 35 30 25 20 15 10 5

7. CASES.

NAVY. 1907.

	JAN.	FEB.	MAR.	APL.	MAY.	JUNE	JULY.	AUC.	SEP.	OCT.	NOV.	DEC.
		,										
45												
40												
35												
30												*.
25												
20	-		,									
15												
1.7												
10					`							
5												

NO CASES.

malle Fever

ARMY 1907.

DEC.	NON.	OCT.	SEP.	AUC.	JULY.	JUNE.	XPN.	APL.	.AAM	REB.	JAW.	
												45
	-										-	40
							*				#	
												55
									+			25
			-									20
												15
												10
				,							- 10	5

NAVY. 1907.

	.WAL	FEB.	SAM.	APL.	YAN.	JUNE	JULY.	AUC.	SEP.	OCT.	NON.	DEC.
4.5	*											
40												
35												
30												-
25												
20	7			1								
15												
10			1									
5												
					4							

Fooding Top's

10

Malta Fever

Monkey 39	Speci	es of	Mode of infection. M. = M. melitensis	Probable time which elapsed be- ore infection took place in days	Result. + Infection - No infec- tion
,, 40 Do. do. 31 + ,, 66 Accidental feeding	Monke	y 39		30	+
	7,7	40		31	+
tube Dust + Mediterranean fever urine. Dried Do. do. Dust + Mediterranean fever urine. Moist Potato + M. from spleen Do. do. Potato + M. from urine Milk + M. Milk + M. 19a Do. Mother's milk Goat 12 Culture from milk Mediterranean fever urine. Moist Potato + M. from H. from Urine H. from	31	66	Accidental feeding		+
113 Dust + Mediterranean fever urine. Dried Do. Do. Dust + Mediterranean fever urine. Moist Hotore urine. Moist Hotore urine. Moist Hotore urine Hotore u	,	72		4.4	+
114 Do. do.	33	113	Dust + Mediterranean	**	
119 Dust + Mediterranean 124 Potato + M. from 125 Do. do. +		114			
fever urine. Moist Potato + M. from spleen 125 Do. do. + 126 Potato + M. from urine 127 Do. do. + 128 Do. 129 Do. 129 Do. 130 Do. 140 Do. 150 Do. 160 Culture 170 Do. 180 Do. 190 Do. 190 Do. 180 H 190 Do. 180 H 190 Mother's milk					
124 Potato + M. from spleen + 125 Do. do. + 126 Potato + M. from urine + + 127 Do. do. + + 127 Do. do. + + + + + + + +	3.3	113		**	
, 125 Do. do + , 126 Potato + M. from + urine , 127 Do. do + , 2 Milk + M + , 5 Do + , 99 Do + , 7 Do + , 7 Do + , 8 Do + , 9 Do + , 9 Do + , 19 Do + Kid 9 Milk Kid 9 Milk Goat 12 Culture from milk + , 13 Mediterranean fever + urine and dust + Milk + culture + Milk + c	,,	124	Potato + M. from		+
127 Do. do. +	,,	125			+
, 127 Do. do + , 2 Milk + M + , 4 Do + , 5 Do + , 99 Do + , 7 Do + , 7 Do + , 9 Do + , 19 Do + , 19 Do + , 19a Mother's milk , 19a Mother's milk + , 13 Mediterranean fever + , 13 Mediterranean fever + , 14 Do. do + Milk + culture	,,	126			+
",	,,,	127			+
", 19 Do. 18 + + + + + + + + + + + + + + + + + +	,,	2	Milk + M.		+
", 19 Do. 18 + + + + + + + + + + + + + + + + + +		4	Do		+
", 19 Do. 18 + + + + + + + + + + + + + + + + + +	1				+
", 19 Do. 18 + + + + + + + + + + + + + + + + + +					+
", 19 Do. 18 + + + + + + + + + + + + + + + + + +					+
", 19 Do. 18 + + + + + + + + + + + + + + + + + +					+
", 19 Do. 18 + + + + + + + + + + + + + + + + + +					+
"" 19 Do. 18 + "" 19a Do. 32 + Kid 9 Milk - "" 19a Mother's milk - Goat 12 Culture from milk + "" 13 Mediterranean fever urine and dust + "" 14 Do. do. +					
,, 19a Do					
,, 19a Do	7.7				
Kid 9 Milk – ,, 19a Mother's milk – Goat 12 Culture from milk + ,, 13 Mediterranean fever + urine and dust ,, 14 Do. do. +					
Kid 9 Milk - ,, 19a Mother's milk - Goat 12 Culture from milk + ,, 13 Mediterranean fever urine and dust + ,, 14 Do. do. +	- 22	19a	Do	32	+
,, 19a Mother's milk + Goat 12 Culture from milk + ,, 13 Mediterranean fever + urine and dust + Milk Legiture +					
Goat 12 Culture from milk + ,, 13 Mediterranean fever + urine and dust ,, 14 Do. do. +	Kid	9	Milk		
,, 13 Mediterranean fever + urine and dust , 14 Do. do +	,,,	19a	Mother's milk		
,, 18 Mediterranean fever + urine and dust +	Goat	12	Culture from milk		+
urine and dust Do. do. +					
urine and dust Do. do. +		13			+
4 Mills L'oulture		. 14			+
		4	Milk + culture		+ .
	33				



Malla From

Malta Fever

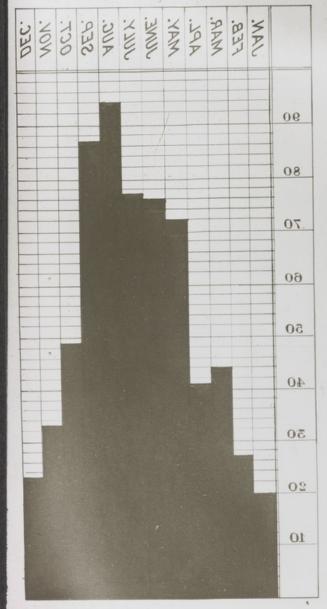
Result. + Infection - No infection	Probable time which elapsed be- ore infection took place in days	Mode of infection. M. = M. melitensis	Species of animal		
+	80	Feeding on potato con- taining M.	Monkey 39		
+	81	Do. do.	,, 40		
+	** .	Accidental feeding	88 44		
.+	**	Milk + M.; stomach	., 72		
		Dust + Mediterranean fever urine, Dried	,, 113		
		Do. do.	114		
		Dust + Mediterranean	OFF		
+		fever urine. Moist			
+		Potato + M. from spleen	,, 124		
+		Do, do,	,, 125		
+		Potato + M. from urine	,, 126		
+	**	Do. do.	,, 127		
+		Mills + M.	,, 2		
+		Do.	4		
+		Do.	7 "		
1		Do.	00		
		Culture	9 "		
	1.5				
7		Do.	7		
+		Do.	8 "		
++++++++		Do.	6 "		
+	18	Do.	,, 19		
+	82	Do.	,, 19a		
-		Milk	Kid 9		
		Mother's milk	,, 19a		
+		Culture from milk	Goat 12		
+		Mediterranean fever	,, 18		
+		urine and dust Do, do,	,, . 14		
. +		Milk + culture	4		

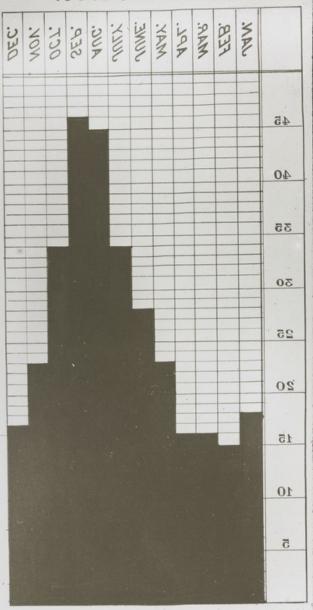
1899 6 9905 1899 то 1905. 1905. MAR.
APL.
MAY.
JUNE.
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21905. m. F

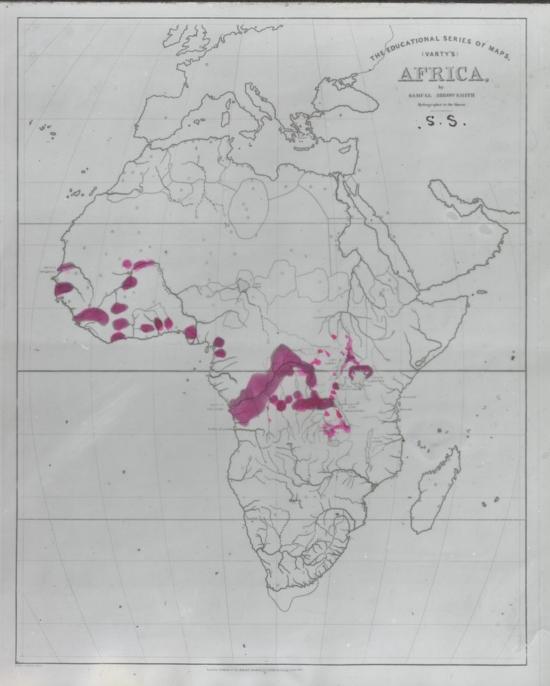
1899 то 1905.

1905.

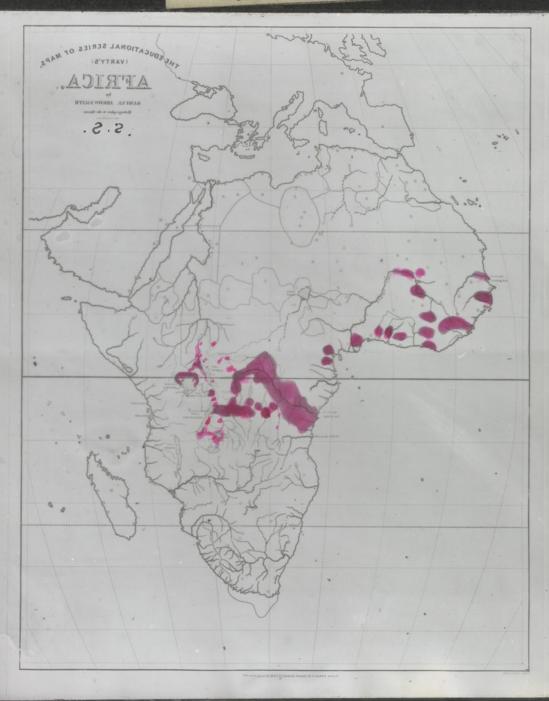




Shiping Scopeness



m. 1908. en aproa



Typhaid.

SOUTH AFRICAN WAR

THE GREAT WAR.

