Box G. Trypanosomiasis

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9. 1. Cateling this - Viet! Myanga

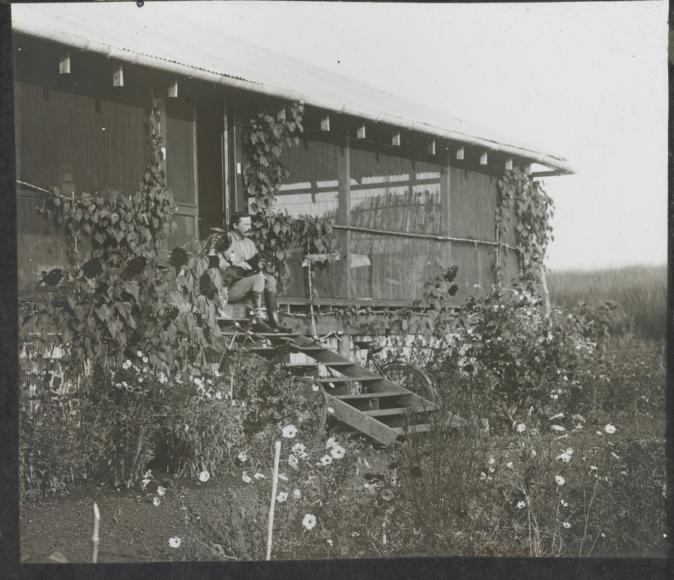


G. 2. Hy catching on Victoria Myain a





9.4. our house mpumu



22



G 6. S.S. Patietts at Kystume -



8.7. SS. patients . Phystume.



G. 8. House building - mpunus



9.9. om House meuma



9.10. Bringing monkey Food -



12 belock The Sun dile

9.13. Waterlilles on Vis: Myaura



8.14. View from mpsinen.



9.15 Escanning wild cattle.

9.16. View on date Victoria





9.17. Kwungw L. Vieloua



9.18. masaka- Tu Borna



9.19. Ferry across Lake above Mile



9.21. Ne Ripon Falls



9.22. From abover Repor Falls



9.24 The Lab: mprum -



9.25 - Hy boscis in Lab:



9.26. The Ontruetor of work





9.28. Development of Tig in Cakelar To

Table I.- Development of Trypanosoma gambiense in Lake-shore Glossina palpalis.

Expt.	No. of flies.	No. of days fed on.	No. of days before flies became infective.	No. of days flies remained infective.
624.	60.	3.	-	-
556.	280.	3.	- "	-
663.	60.	2.	18.	75.
676.	500.	3.	29.	47.
721.	50 .	3.	-	-
980.	350.	3.	-	-
986.	100.	2.	19.	35.
987.	50.	2.	40.	51.
989.	50.	2.	45.	45.
020.	100.	3.	-	-
.023.	50.	3.	37.	51.
.026	70.	3.	34.	48.
.198.	20.	40.	-	-
372.	100.	3.	-	-

9. 29. Dowelopment of I.g. in lake show

Experiment 624.

To ascertain if development of Trypanosoma gambiense takes place in

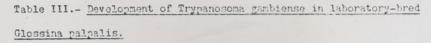
the alimentary canal of wild or Lake-shore Glossina palpalis.

March 31, 1909. Two batches of Glossina palpalis, caught on the Lake-shore, consisting of thirty flies in each batch, were fed to-day on a monkey whose blood contained numbers of Trypanosoma gambiense.

The following table gives the principal details of the experiment:-

Dodo	Day of	Procedure.	Result. Positive.Negative.	Remarks.
Date.	expt.	Procedure.	Posicive. negacive.	Well at Well
1909. Mar.31. Apr. 1.	1.	Flies fed on infected monkey.		
Apr. 2.	2.	-dodo-		
Apr. 3-4.	3-4.	Flies starved 72 hours.		
Apr.5-8.	5-8.	Flies fed on healthy monkey, 657.	-	
Apr.9-12.	9-12.	Flies fed on healthy monkey, 677.	-	1
Apr.13.	13.	Flies fed on healthy monkey, 702.	-	
Apr.14.	14.	Flies fed on healthy monkey, 703.	-	
Apr.15.	15.	Flies fed on healthy monkey, 704.	-	
Apr.16.	16.	Plies fed on healthy monkey, 705.		
Apr.17-21.	17-21.	Flies fed on healthy monkey, 706.	-	
Apr.22- May 22.	22-52.	Flies fed on healthy monkey, 728.	-	

9. 30 Develop of T.S. in Lab brid 5. p



Expt.	No. of flies.	No. of days fed on.	No. of days before flies became infective.	No. of days flies remained infective.
			became intective.	in eccive.
		3.		
725.	8.		-	-
733.	8.	3.	-	-
750.	15.	6.	-	-
*768.	9.	5.	-	-
858.	9.	8.	-	-
915.	6.	10.	-	-
947.	9.	5.	-	-
975.	16.	5.	34.	49.
991.	27.	6.	-	-
1266.	11.	12.	_	-
1269.	22.	7.	_	-
1368.	14.	12.	_	1
1397.	7.	19.	_	-
1428.	50.	6.	_	
1431.	30.	20.		_
1452.	90.	10.		
1549.	50.	4.	37.	46.
		4.	01.	40.
1558.	60.		_	
1559.	50.	4.		-
1566.	35.	4.	53:	53.
1602.	50.	4.	27.	27.
1604.	35.	12.	-	-
1640.	40.	10.	-	
1651.	60.	4.	41.	41.
1664.	50.	12.		-
1665.	50.	12.		_
1671.	45.	12.	_	_
1672.	28.	12.	_	-
1680.	45.	4.	_	_
1686.	60.	3.	_	
1688.	60.	3.	_	
1693.	50.	4.		_
1706.	60.	7.		
	50.	12.	32.	32.
1712.		1000		7.7.7
1758.	50.	3.	-	- "
1760.	60.	4.	29.	29.
1761.	50.	4.	38.	38.
1769.	60.	3.	-	-
1801.	70.	12.	-	-
1802.	75.	12.	-	-
1860.	60.	12.	_	_
1868.	60.	12.		

9.31- No of lab: brid this reflected.



Table IV.- Number of flies found infected with Trypanosoma gambiense in the experiments with laboratory-bred flies.

Expt	No. of flies used.	Experiment: positive or negative.	No. of in- fected flies found.	Result of in- jection of infected flies	Remarks.
975.	16.	+	0	Positive.	12 remaining
1269.	22.	-	2.	Negative.	flies pooled.
1452.	90.	-	1.	Negative.	
1549.	50.	+	4.	Positive.	
1566.	35.	+	9.	Negative.	1 fly injected.
1602.	50.	+	5.	Positive.	
1651.	60.	+	4.		Plies not in-
1672.	28.	-	2.	Negative.	jected.
1680.	45.	-	1.	Negative.	
1693.	50.	-	2.	Negative.	
1706.	60.	-	4.	Negative.	
1712.	50.	+	1.	Negative.	
1760.	60.	+	1.	Negative.	
1769.	60.	· -	2.	Positive.	
1801.	70.	-	1.	_	Fly not injected

5328. Water hole-Moune Uganda



9.324 Hour bulding Mapun



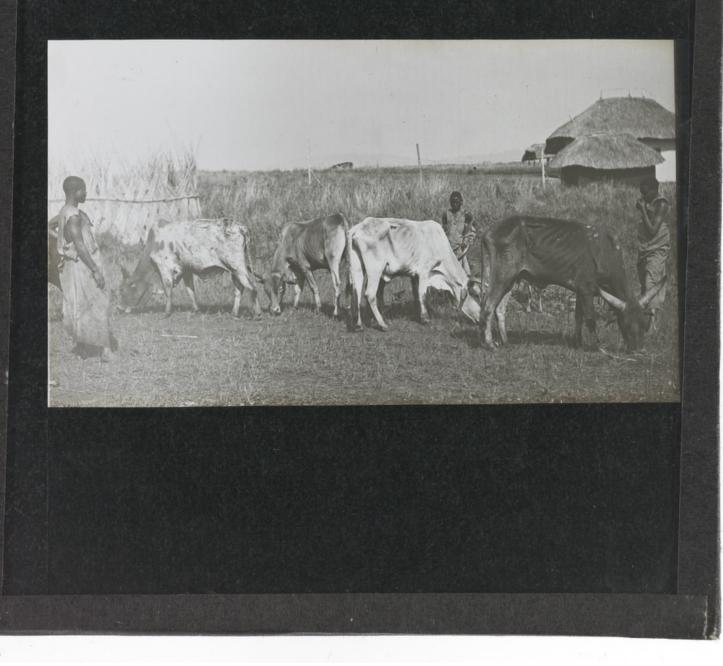
5.24. Danieli : Janely . chief mpunu



9.35 our kind of hearthy cattle



9.36 Head of sick cattle. Moune



9.37. our erroants - nysumu



9.38 DB Isobel 1 Peter at home



9.39. The Ketchen after a squall



9.40. Cattle shed afte a squall



9.41. Interviewing The Kecuter - W Mehemer



9.42 Nativis at Emdokero -



9.43 Natures at 2 mdo kero



5.44 Edomers of Mongullas abacunes



9.45 abo Limbal - on hile



9.46. anman - Vin pm Holel.



