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# Co-Infections with Orthomarburgviruses, Paramyxoviruses, and Orthonairoviruses in Egyptian Rousette Bats, Uganda and Sierra Leone

## Appendix

**Appendix Table 1.** Dates of Egyptian rousette bat (*Rousettus aegyptiacus*) captures according to site during pathogen surveillance efforts in Uganda and Sierra Leone\*

Location	Capture dates
Uganda	
Python Cave	11/2009, 02/2022
Kasungwa Cave	08/2009
Kitaka Mine	11/2012
Sierra Leone	
Tailu Village	02/2017, 03/2017, 04/2019
Kasewe Cave	10/2017, 11/2017, 09/2018, 10/2018, 11/2018, 11/2019, 10/2020, 11/2020

\*Dates are listed by month/year for each roost site.

**Appendix Table 2.** Marburg, Sosuga, Kasokero, and Yogue virus individual infections and co-infections detected during pathogen discovery surveillance of Egyptian rousette bats (*Rousettus aegyptiacus*) in Uganda and Sierra Leone\*

Infected bats	Uganda				Sierra Leone			Grand total
	Python Cave	Kasungwa Cave	Kitaka Mine	Total no.	Tailu Village	Kasewe Cave	Total no.	
No. bat captures	637	96	399	1,132	7	372	379	1,511
Marburg virus	13/637 (2.0)	1/96 (1.0)	53/399 (13.3)	67/1,132 (5.9)	0/7	23/372 (6.2)	23/379 (6.1)	90/511 (6.0)
F	7/249	1/52	25/177	33/478	0/2	16/167	16/169	49
Adult	0/140	0/36	10/95	10/271	0/2	7/58	7/60	17
Juvenile	7/109	1/16	15/82	23/207	0/0	9/109	9/109	32
M	6/375	0/43	28/169	34/587	0/5	7/182	7/187	41
Adult	4/215	0/41	22/106	26/362	0/2	1/85	1/87	27
Juvenile	2/160	0/2	6/63	8/225	0/3	6/97	6/100	14
Sosuga virus	19/637 (3.0)	3/96 (3.1)	41/399 (10.3)	63/1,132 (5.6)	0/7	99/372 (26.6)	99/379 (26.1)	162
F	7/249	3/50	19/183	29/482	0/2	52/131	52/133	66
Adult	6/134	2/34	6/99	14/267	0/2	15/50	15/52	29
Juvenile	1/115	1/16	13/84	15/215	0/0	37/81	37/81	52
M	12/369	0/43	22/175	34/587	0/5	47/142	47/147	47
Adult	6/213	0/41	16/112	22/366	0/2	14/72	14/74	14
Juvenile	6/156	0/2	6/63	12/221	0/3	33/70	33/73	33
Kasokero virus†	24/558 (4.3)	NT	5/384 (1.3)	29/942 (3.1)	NT	NT	NT	29
F	11/208	NT	2/192	13/400	NT	NT	NT	13
Adult	8/118	NT	0/99	8/217	NT	NT	NT	8
Juvenile	3/90	NT	2/93	5/183	NT	NT	NT	5
M	13/326	NT	3/187	16/513	NT	NT	NT	16
Adult	9/200	NT	3/121	12/321	NT	NT	NT	12
Juvenile	4/126	NT	0/66	4/192	NT	NT	NT	4
Yogue virus‡	NT	NT	NT	NT	NT	1/272 (0.4)	1/275 (0.4)	1
F	NT	NT	NT	NT	NT	1/126	1/126	1
Adult	NT	NT	NT	NT	NT	1/46	1/46	1
Juvenile	NT	NT	NT	NT	NT	0/80	0/80	0
M	NT	NT	NT	NT	0/3	0/145	0/148	0
Adult	NT	NT	NT	NT	0/1	0/61	0/62	0
Juvenile	NT	NT	NT	NT	0/2	0/84	0/86	0
Marburg + Sosuga virus	0/637	0/96	9/399 (2.3)	9/1,132 (0.8)	0/7	10/372 (2.7)	10/379 (2.6)	19
F	0/256	0/53	2/200	2/509	0/2	7/176	7/178	9
Adult	0/140	0/36	1/104	1/280	0/2	2/63	2/65	3
Juvenile	0/116	0/17	1/96	1/229	0/0	5/113	5/113	6
M	0/381	0/43	7/190	7/611	0/5	3/186	3/191	10
Adult	0/219	0/41	4/124	4/384	0/2	1/85	1/87	5
Juvenile	0/162	0/2	3/66	3/228	0/3	2/101	2/104	5
Marburg + Kasokero†	0/558	NT	0/384	0/942	NT	NT	NT	0
F	0/219	NT	0/194	0/413	NT	NT	NT	0
Adult	0/126	NT	0/99	0/225	NT	NT	NT	0
Juvenile	0/93	NT	0/95	0/188	NT	NT	NT	0
M	0/339	NT	0/190	0/529	NT	NT	NT	0
Adult	0/209	NT	0/124	0/333	NT	NT	NT	0
Juvenile	0/130	NT	0/66	0/196	NT	NT	NT	0
Marburg + Yogue virus‡	NT	NT	NT	NT	0/3	1/272 (0.4)	1/275 (0.4)	1
F	NT	NT	NT	NT	NT	1/126	1/126	1
Adult	NT	NT	NT	NT	NT	1/46	1/46	1

Infected bats	Uganda				Sierra Leone			Grand total
	Python Cave	Kasungwa Cave	Kitaka Mine	Total no.	Tailu Village	Kasewe Cave	Total no.	
Juvenile	NT	NT	NT	NT	NT	0/80	0/80	0
M	NT	NT	NT	NT	0/3	0/145	0/148	0
Adult	NT	NT	NT	NT	0/1	0/61	0/62	0
Juvenile	NT	NT	NT	NT	0/2	0/84	0/86	0
Sosuga + Kasokero virus†	1/558 (0.2)	NT	0/384	1/942 (0.1)	NT	NT	NT	1
F	1/218	NT	0/194	1/412	NT	NT	NT	1
Adult	1/125	NT	0/99	1/224	NT	NT	NT	1
Juvenile	0/93	NT	0/95	0/188	NT	NT	NT	0
M	0/339	NT	0/190	0/529	NT	NT	NT	0
Adult	0/209	NT	0/124	0/333	NT	NT	NT	0
Juvenile	0/130	NT	0/66	0/196	NT	NT	NT	0
Sosuga + Yogue virus‡	NT	NT	NT	NT	0/3	1/272 (0.4)	1/275 (0.4)	1
F	NT	NT	NT	NT	NT	1/126	1/126	1
Adult	NT	NT	NT	NT	NT	1/46	1/46	1
Juvenile	NT	NT	NT	NT	NT	0/80	0/80	0
M	NT	NT	NT	NT	0/3	0/145	0/148	0
Adult	NT	NT	NT	NT	0/1	0/61	0/62	0
Juvenile	NT	NT	NT	NT	0/2	0/84	0/86	0
Marburg + Sosuga + Yougue‡	NT	NT	NT	NT	0/3	1/272 (0.4)	1/275 (0.4)	1
F	NT	NT	NT	NT	NT	1/126	1/126	1
Adult	NT	NT	NT	NT	NT	1/46	1/46	1
Juvenile	NT	NT	NT	NT	NT	0/80	0/80	0
M	NT	NT	NT	NT	0/3	0/145	0/148	0
Adult	NT	NT	NT	NT	0/1	0/61	0/62	0
Juvenile	NT	NT	NT	NT	0/2	0/84	0/86	0

\*Values are no. infected/total no. tested (%). Infections are listed by population demographics (sex and age) for each roost site. NT, not tested.

†Number positive out of 942 tested (Python Cave, n = 558; Kitaka Mine, n = 384). Python Cave bat no. 42 (adult female) was co-infected with Sosuga and Kasokero viruses.

‡Number positive out of 275 tested (Tailu Village, n = 3; Kasewe Cave, n = 272). Marburg + Sosuga + Yougue virus, Sosuga + Yogue virus, and Maburg + Yogue virus co-infections were detected in bat no. 1532 (adult female) from Sierra Leone.

## Reference

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