

Supplementary data

Table S1. Sub-sampling from the 586 group recordings obtained from August 2020 to August 2021 about the different themes addressed in this study. SoD: social distance.

Description	Suitable sub-samples
Calculation of summer group sizes	13
Calculation of mean group sizes at different times of the day	586
SoD calculation in groups at different times of the day	381
Calculation of mean monthly group sizes getting ready to roost	82
Calculation of time it takes for communal roosting group to ascend roost trees	42
Calculation of time it takes for communal roosting group to descend roost trees	29
Selected photographs of groups to conduct head-up counts (surveillance behaviour)	190
Groups selected to correlate jackal/hour vs. mean guineafowl group sizes	393
SoD calculation in groups across different locations of the study site, drinking and huddling	411

Table S2. Sampling dates and times at Tau Waterhole (Madikwe Game Reserve). The low sampling time in December 2020 is ascribed to the absence of guineafowl from the study site due to breeding. Login time was 5 min, while “additional time” refers to the extra time added to monitor predator-prey interaction.

Month	Number of days	Number of logins	Min observed	Additional time
Aug. 2020	4	36	180	0
Sep. 2020	6	54	270	0
Oct. 2020	16	144	720	0
Nov. 2020	16	144	720	0
Dec. 2020	6	54	270	0
Jan. 2021	19	171	855	0
Feb. 2021	18	162	810	0
Mar. 2021	28	252	1260	0
Apr. 2021	25	225	1125	0
May 2021	26	234	1170	60
Jun. 2021	20	180	900	40
Jul. 2021	23	207	1035	155
Aug. 2021	28	252	1260	245
Total	235	2115	10575	500

Table S3. Time difference (min) between the first and last bird that flew into trees to roost (42 observations) and again when the first and last bird descended from the trees (29 observations) in the mornings from 18 May to 14 September 2021. Some fly-down data are missing due to adverse meteorological conditions which impaired recording.

Fly-up to roost trees				Fly-down from roost trees			
Star	End	Duration	No. of birds	Start	End	Duration	No. of birds
18:04	18:10	6	50	06:31	06:35	4	70
17:54	18:04	10	120	06:30	06:35	5	80
17:57	18:03	6	120	06:32	06:35	3	100
17:55	18:00	5	100	06:36	06:38	2	100
17:54	18:03	7	130	06:38	06:40	2	100
17:56	18:04	8	130	06:38	06:40	2	50
18:00	18:07	7	100	06:40	06:44	4	75
17:54	18:04	10	100	06:38	06:43	5	100
17:58	18:02	4	120	06:39	06:42	3	100
17:57	18:05	8	70	06:40	06:44	4	100
17:53	18:03	10	100	06:44	06:46	2	100
17:55	18:03	8	100	06:42	06:44	2	110
17:57	18:05	8	140	06:43	06:55	2	120
18:00	18:08	10	100	06:40	06:42	2	100
17:58	18:08	12	100	06:42	06:44	2	130
18:03	18:10	7	50	06:39	06:42	3	70
17:55	18:08	13	120	06:37	06:40	3	100
18:00	18:10	10	110	06:36	06:38	2	100
18:06	18:11	5	90	06:35	06:37	2	120
18:06	18:14	8	50	06:32	06:34	2	80
18:03	18:12	9	100	06:38	06:39	1	80
18:05	18:12	7	100	06:34	06:35	1	80
18:05	18:12	7	70	06:36	06:38	2	80
18:08	18:16	8	120	06:31	06:33	2	40
18:10	18:16	6	110	06:29	06:30	1	40
18:10	18:17	7	130	06:21	06:22	1	40
18:10	18:20	10	100	06:10	06:14	4	45
18:15	18:30	15	90	06:10	06:11	1	40
18:16	18:25	9	70	06:00	06:02	2	46
18:10	18:20	10	65				
18:10	18:15	5	60				
18:10	18:19	9	70				
18:14	18:20	6	80				
18:10	18:20	10	40				
18:15	18:25	10	50				
18:15	18:23	8	50				
18:16	18:27	11	50				
18:16	18:24	8	50				
18:20	18:30	10	40				
18:15	18:28	9	40				
18:30	18:35	5	50				
18:30	18:35	5	50				