

Within-colony spatial segregation leads to foraging behaviour variation in a seabird

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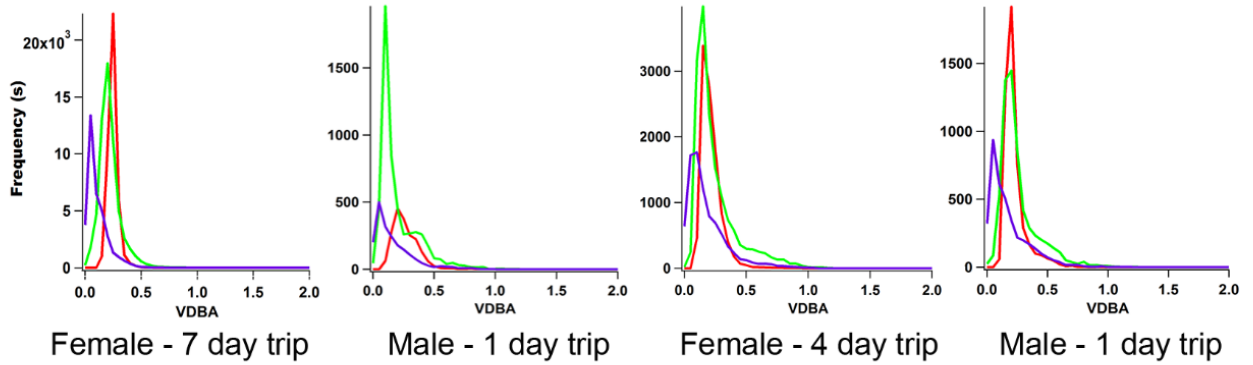
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Table S1. Mean \pm SE of foraging and diving parameters per trip for each stage, breeding site and sex. Sample size (n) is in brackets.

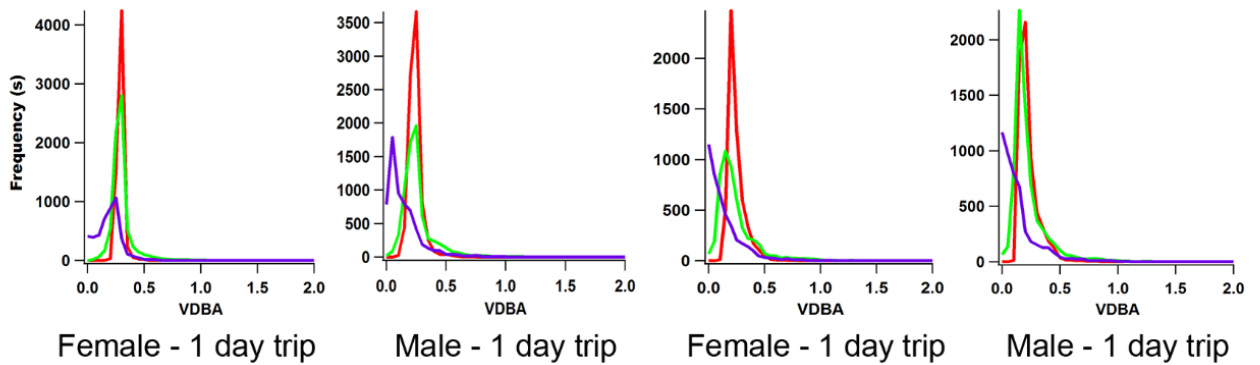
	Incubation				Guard				Post-guard			
	Penguin Parade		Radio-tracking Bay		Penguin Parade		Radio-tracking Bay		Penguin Parade		Radio-tracking Bay	
	Female (n = 5)	Male (n = 5)	Female (n = 4)	Male (n = 5)	Female (n = 6)	Male (n = 7)	Female (n = 6)	Male (n = 8)	Female (n = 5)	Male (n = 5)	Female (n = 3)	Male (n = 4)
Trip duration (days)	1 \pm 0	2.6 \pm 1	3.5 \pm 1.3	1.2 \pm 0.2	1 \pm 0	1 \pm 0	1 \pm 0	1 \pm 0	1.2 \pm 0.2	1 \pm 0	2.7 \pm 0.9	3 \pm 1.3
Number of dives	698 \pm 80	1557 \pm 574	2119 \pm 884	1040 \pm 346	707 \pm 34	827 \pm 83	624 \pm 69	564 \pm 25	790 \pm 132	607 \pm 56	1477 \pm 427	1532 \pm 521
Number of dives with prey encounter	70 \pm 10	349 \pm 155	491 \pm 186	165 \pm 22	150 \pm 12	170 \pm 12	172 \pm 18	125 \pm 14	104 \pm 15	122 \pm 16	350 \pm 135	290 \pm 151
Maximum dive depth (m)	5 \pm 0.1	5.4 \pm 0.06	9.4 \pm 0.1	5.4 \pm 0.1	11 \pm 0.15	10.2 \pm 0.14	18.1 \pm 0.2	16.7 \pm 0.2	13.1 \pm 0.2	15.4 \pm 0.23	15.4 \pm 0.16	15.8 \pm 0.16
Prey encounter depth (m)	6.7 \pm 0.23	7.2 \pm 0.1	11 \pm 0.18	9.1 \pm 0.23	11 \pm 0.27	12.4 \pm 0.3	16.1 \pm 0.3	18.5 \pm 0.4	13.7 \pm 0.5	15 \pm 0.5	12.3 \pm 0.3	16.3 \pm 0.3

Fig. S1. Examples of VDBA frequency per foraging trip during the three dive phases: descent phase (red), bottom phase (green) and ascent phase (purple). Upper inflection point at 0.5 G common in all birds used as prey encounter and pursuit threshold.

Incubation



Guard



Post-guard

