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### Effect of wind, thermal convection, and variation in flight strategies on the daily rhythm and flight paths of migrating raptors at Georgia's Black Sea coast

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Supplementary Table S3. Coastal proportion of migrants (CPM) per 2-hr interval and per day of year (DOY) for 11 species of raptors observed within 200 m of two survey stations located 2 and 6 km from the Black Sea coast, respectively. Species columns give CPM's as calculated in 2008 and 2009, respectively. Day of year (DOY) 233 is 21 August and DOY 284 is 11 October.

		CPM																			
		<i>Sh.-T. Eagle</i>		<i>L. Spot. Eagle</i>		<i>Booted Eagle</i>		<i>Black Kite</i>		<i>Honey Buzzard</i>		<i>Steppe Buzzard</i>		<i>Marsh Harrier</i>		<i>Montagu's/Pallid Harrier</i>		<i>Levant Sparrowhawk</i>		<i>Sparrowhawk</i>	
DOY	hr	08	09	08	09	08	09	08	09	08	09	08	09	08	09	08	09	08	09	08	09
233	10				0.00					0.00				0.00		0.00					
	12									0.00						0.00					
	14									0.00						0.00					
234	10									0.00						1.00					
	12									1.00						0.00					
	14						1.00									0.00					
235	12				0.00		0.00			0.01		1.00		0.47		0.00					
	14				0.00					0.00				0.00		0.43					
236	10										0.24										0.75
	12						0.00			0.00	0.47		0.00	0.03		1.00					0.00
	14				1.00		0.00	1.00		0.00	1.00		0.80	0.00		0.11		0.00		0.00	0.00
	16						1.00				0.63										
237	12						0.25		0.00		0.00			0.00		0.17		0.00			0.00
	16						1.00		0.00		0.00			0.00		0.75					
	18						1.00		0.00		0.00			0.00		0.00					
238	12									1.00				0.00							
	14				0.00		0.00			0.00											
	18						1.00		0.14		0.00		0.01		0.00		0.00				
239	10								0.22		0.00				0.11						
	12				0.50		1.00	0.00		0.20	0.00		0.00	0.17	0.11	0.00	0.39		0.43		0.00
	14				1.00	0.23	1.00	0.47		1.00	0.00		0.00	0.00	0.00	0.00	0.31		0.00		0.67

	16			1.00	0.00	0.26	0.00	0.50	0.01		0.00	0.83		0.60		1.00		
240	10				0.50		0.12		0.46			1.00		0.59		1.00	0.92	
	12				1.00		0.49		0.76			0.36		0.50		0.30	0.00	
	14			0.75	0.76	0.18	0.57	0.30	0.99		0.00	0.25	0.50	0.42	1.00	0.20	0.00	
	16				1.00		0.25					0.62		0.91		0.58	0.47	
241	10				0.29		0.00		0.00	0.00	0.33		0.67		0.36		0.46	
	12	1.00			0.90	0.93	0.42	0.29	0.86	0.79		0.83		0.76	1.00	0.94	0.26	0.70
	14				1.00		0.26		0.88		0.00	0.25		0.15		0.00	0.00	
	16				1.00	0.92	0.95	0.85	0.98	0.91		1.00	0.40	0.57	0.20	0.25	0.25	0.40
242	10				0.00				0.02	0.75		0.50		0.40		0.32	0.37	
	12				1.00		0.00		0.02			1.00		1.00		0.57	0.43	
	14				0.86		0.00		0.01			1.00		1.00		1.00	0.50	
	16				0.80				0.00			0.00				0.25	0.67	
243	10				0.00					1.00		1.00		0.44			0.75	
	12				0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.60	1.00	0.00	0.27	0.16	
	14				0.38		0.02		0.00	0.00		0.00		0.00		0.13	0.06	
	16				0.93		0.00		0.00					0.80		0.49	0.15	
244	10				0.00		0.12		0.12			0.24		0.63		0.58	0.75	
	12				1.00		0.91		0.93	1.00		0.32		0.64		0.71	0.53	
	14				0.83		1.00		0.99	1.00		0.53		0.81		0.71	0.55	
	16				1.00		0.86		0.86	0.50		0.64		0.81		1.00	1.00	
245	14	1.00			1.00		0.14		0.01	0.33		0.00		0.43		0.30	1.00	
	16		1.00		1.00		0.04		0.17			1.00		0.00		0.15	0.00	
246	10		0.00			0.25		0.00	0.00	0.00		0.50		0.25		0.10	0.55	
	12				0.50	0.33	0.00	0.20	0.00	0.01	0.00	0.00	0.00	1.00	0.25	0.00	0.00	0.25
	14	0.50			0.00	0.58	0.01	0.04	0.00	0.00	0.00	0.33	0.00	0.25	0.00	0.00	0.00	
	16						0.00		0.00	0.00		0.25		0.00		0.08	0.00	
247	10				0.00				0.00	0.50		0.52		0.11		0.28	0.23	
	12				0.00		0.09		0.01			0.71				0.00		
	14	0.00	1.00		1.00		0.59		0.49			0.52	0.56		0.08		0.00	
248	8						0.00		0.00			1.00		1.00		0.33	0.50	
	12		1.00		1.00		0.93			1.00		0.90		1.00		0.67		
	14		1.00		1.00		0.86					1.00		1.00		0.54		
	16				0.75		0.00		0.00	0.00		0.00		0.00		0.33	0.21	
249	8							0.00			0.86		0.57					

	<b>10</b>				0.00	0.00	0.00	0.25		1.00	1.00	0.56	1.00	0.58	0.00	0.57	1.00	0.83
	<b>12</b>	0.50	1.00	1.00	0.25	0.95	0.04	0.99	0.01	0.00	1.00	0.25	0.80	0.00	0.33	0.73		0.90
	<b>14</b>			1.00	1.00	0.88	0.01	1.00	0.00		0.50	0.25	0.00	1.00	0.03	0.08	0.00	0.09
	<b>10</b>			0.50		0.63	0.01	0.71	0.03		1.00	1.00	0.33	1.00	0.46		0.00	1.00
<b>250</b>	<b>12</b>			0.80	0.00	0.91	0.00	0.98	0.00		0.00	1.00	0.14	0.88	0.00	0.22	0.09	0.28
	<b>14</b>			0.86	1.00	0.61	0.00	0.16	0.00		0.00	1.00	0.14	0.83	0.13	0.06	0.03	0.00
	<b>16</b>	0.00			0.04		0.01		0.00		0.00		0.08		0.27		0.04	0.22
<b>251</b>	<b>14</b>		0.00	0.60		0.06		0.21			0.33		0.43					0.20
<b>252</b>	<b>12</b>			0.50		0.00		0.01			0.17		0.00		0.70		1.00	
	<b>16</b>		0.00	0.00		0.00		0.00	0.00		0.00		1.00				0.00	0.00
	<b>12</b>					0.00		0.00			1.00		0.90		0.00		0.00	0.00
<b>253</b>	<b>14</b>			0.83		0.00		0.00	0.00		0.00		0.00					
	<b>16</b>		1.00	1.00		1.00		0.04			0.33		1.00		1.00			
	<b>8</b>					0.00		0.00			0.88		0.80					1.00
<b>254</b>	<b>10</b>		0.00	0.75		0.00		0.00	0.50		0.79		0.84		0.00		0.90	
	<b>12</b>		0.00	0.94		0.46		0.96	0.67		0.25		0.29		0.36		0.78	
	<b>14</b>	0.33	0.00	1.00		0.00		0.00	0.00		0.00		0.76		0.33		0.59	
<b>255</b>	<b>16</b>	0.75	0.50	1.00		0.03		0.02	0.07		0.00		0.30		0.00		0.00	
	<b>10</b>			0.00		0.13		0.01	0.25		0.60		0.73		0.20		0.42	
<b>256</b>	<b>14</b>		0.00	0.71	0.00	0.39	0.68	0.35	0.07	0.31	0.00	0.67	0.75	0.25	0.71	0.00	0.29	0.50
	<b>16</b>			0.06		0.05		0.02	0.05		0.42		0.50		0.07		0.20	
	<b>10</b>			0.00		0.00		0.00			0.55		0.67		0.00		0.40	
<b>257</b>	<b>14</b>		0.00	1.00		0.05	1.00	0.00	1.00	0.00	0.00		1.00		1.00		1.00	
	<b>16</b>	1.00		1.00		1.00		1.00	1.00		1.00		1.00		1.00		1.00	
<b>258</b>	<b>12</b>		0.40	0.29		0.93		0.83	0.20		0.38		0.44		0.67		0.17	
<b>259</b>	<b>14</b>			0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00	0.05	0.18	0.11	0.40	0.00	0.27	1.00
	<b>16</b>		0.09	0.75	0.00	0.04	1.00	0.00	0.13	0.00	0.00	0.35	0.00	0.38	0.50	0.67	1.00	
<b>260</b>	<b>12</b>	0.00		0.00		0.00		0.00	0.00		0.00		0.00		0.01		0.28	
	<b>14</b>	0.00	0.00	0.24		0.00		0.00	0.00		0.05		0.33		0.00			
<b>261</b>	<b>14</b>	0.00	0.00	0.13		0.01		0.11	0.10		0.17		0.00		0.11		0.00	
<b>262</b>	<b>12</b>	0.13	0.00	0.78		0.13		0.44	0.03		0.12		0.10		0.07		0.18	
<b>263</b>	<b>10</b>			0.00		0.16		0.81	0.70		0.32		0.52		0.00			
<b>264</b>	<b>10</b>	0.50	0.00	0.24	0.15	0.60	0.31	0.44	0.61	0.48	0.57	0.09	0.16	0.50	0.90	1.00	1.00	0.32
	<b>12</b>		0.22	0.18		0.90		0.77		0.99		0.25		0.83		0.00		0.77
<b>266</b>	<b>10</b>		0.25	0.50				0.17		0.00		0.25		0.11		0.00		0.24

	<b>12</b>		0.27	0.53	0.01	0.29	0.00	0.00	0.20	0.00	0.00		
	<b>12</b>	0.00	0.00	0.35		0.68	0.24	0.70	0.00	0.00	0.75		
<b>267</b>	<b>14</b>		0.00	0.00 0.36	0.92 0.00	0.78 0.71	0.17 0.75	0.50 0.71	0.27 1.00	0.83	0.33 0.79		
	<b>16</b>	0.00		0.17		1.00	0.47	0.92		0.75	0.73		
	<b>10</b>	0.00		0.78	0.18	0.00 0.65	0.00 0.02	0.00 0.41	0.17 1.00	0.83	1.00 0.60		
<b>268</b>	<b>12</b>	0.18	0.02	0.71	0.83 0.87	0.13 0.96	0.60 0.21	0.71	0.50	1.00	0.75 0.64		
	<b>14</b>			0.60	1.00	0.00 0.62	0.25	0.00	0.00 0.00	1.00	0.00		
	<b>16</b>	0.05	0.00	0.53	0.00	0.75	0.00	0.00			0.04		
<b>269</b>	<b>12</b>		0.47	0.40	0.03	0.33	0.25	0.00	0.33		0.00		
	<b>14</b>	1.00	1.00	0.96	0.94	1.00		0.86	0.86	0.00	0.00		
<b>270</b>	<b>12</b>	0.25	0.03	0.60	0.98	0.92	0.02	0.50	1.00	0.77	0.13		
<b>271</b>	<b>16</b>	0.50	0.57	0.50	0.17	0.91	0.26	0.17	0.50	0.57	0.30		
	<b>10</b>	0.00	0.17	0.40	0.00	0.12	0.10	0.50	0.40	0.77	0.30		
<b>273</b>	<b>12</b>	0.33	0.13	0.61	0.23	0.28	0.30	0.15	0.00	0.00	0.40		
	<b>14</b>	1.00	0.46	1.00	0.38	0.70	0.11		0.50	1.00	0.69		
	<b>16</b>	1.00	0.61	0.85	0.82	0.91		1.00	0.00	0.38	0.39		
<b>274</b>	<b>10</b>				0.00			1.00					
<b>275</b>	<b>12</b>	1.00	0.31	1.00	0.62	0.91	0.79	0.70			0.74		
	<b>16</b>		0.00	1.00	0.85		0.93	0.00	0.67		0.33		
<b>276</b>	<b>10</b>			1.00	0.85	0.00	0.04	0.00	1.00		0.42		
	<b>10</b>		0.11	0.00	0.21	0.06	0.00	0.50	1.00	0.00	0.30		
<b>277</b>	<b>12</b>	0.64	0.11	0.00	0.09	0.18	0.03	0.53	1.00	0.22	0.22		
	<b>14</b>	0.20	0.01	0.26	0.05	0.05	0.03	0.50		1.00	0.15		
	<b>16</b>	0.14	0.12		0.01	0.11	0.08	0.50	0.00		0.22		
<b>279</b>	<b>10</b>				0.50	0.33	0.00	0.85	0.83		0.00		
	<b>12</b>	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.04	0.00	0.00 0.03	0.25			0.00 0.05		
<b>284</b>	<b>14</b>	1.00	1.00			1.00					1.00		

