

SUPPLEMENTAL DATA 3

Raw data collected during the field procedures, regarding the physical variables at the lagoon, the abundance of high and low-calorie food items and the behavioural displays of Chilean flamingos at the Barra. For each flock observed foraging in a certain area, we measured the relative frequency and the mean duration of the four different feeding behaviours observed as well as the mean time of strolling and the mean distance between individuals. PU = Pecking-up; HD = Head-dipping; FT = Feet-trembling; DR = Dredging; ST = Strolling.

Month	Depth (cm)	Distance from the shore (m)	Salinity (ppt)	High Cal (item/L)	Low Cal (item/mL)	Freq PU (%)	Freq HD (%)	Freq FT (%)	Freq DR (%)	Mean Dur PU (s)	Mean Dur HD (s)	Mean Dur FT (s)	Mean Dur DR (s)	Mean Dur ST (s)	Mean Ind Distance (m)
OUT	12.24	160.73	32.63	14	60	24.49	26.14	25.59	23.78	11.96	23.13	56.05	40.29	30.55	6.43
OUT	29.56	112.56	21.36	23	121	7.59	32.54	35.95	23.93	23.40	48.45	92.56	61.84	53.89	5.27
OUT	20.88	105.6	27.95	25	167	13.26	28.25	20.70	37.80	35.28	59.50	100.04	72.40	36.36	6.43
OUT	16.59	86.22	22.52	25	168	6.14	22.81	41.00	30.04	36.15	58.22	99.83	74.37	38.34	6.78
OUT	10.33	170.73	30.92	25	139	27.16	18.77	29.36	24.71	30.42	46.91	99.52	77.25	59.38	14.87
OUT	14.37	197.24	32.2	28	109	13.88	28.36	26.89	30.87	22.91	39.11	111.60	85.23	48.88	16.87
OUT	5.48	165.67	21.76	29	79	17.52	20.01	34.02	28.45	17.35	26.52	115.11	92.60	32.85	5.89
OUT	38.06	166.84	19.1	29	122	15.84	21.12	33.53	29.51	22.35	51.90	116.74	77.61	49.60	9.87
OUT	15.19	197.17	25.39	35	141	23.22	26.07	37.17	13.54	30.15	49.33	139.36	107.81	52.66	8.97
OUT	26.49	208.72	29.46	35	122	9.90	23.34	23.68	43.08	24.09	47.62	139.92	102.61	64.11	27.86
OUT	25.69	200.89	31.4	40	50	15.00	28.51	45.37	11.12	7.65	25.01	159.68	119.38	50.27	18.91
OUT	16.68	94.77	24.53	50	95	25.75	21.64	27.23	25.38	19.35	35.62	198.83	156.33	32.45	6.87
NOV	10.56	256.56	40.38	6	110	5.48	32.91	29.90	31.71	23.72	38.01	24.29	14.82	34.35	9.23
NOV	11.39	266.16	25.64	25	125	12.24	17.32	31.68	38.76	27.04	42.96	99.57	76.76	48.67	25.76
NOV	13.66	119.67	23.34	25	142	19.21	25.09	31.15	24.56	30.61	49.07	99.68	75.72	23.23	18.75

NOV	4.47	185.78	19.99	25	71	11.87	26.30	33.70	28.14	15.66	23.66	99.22	79.94	28.58	19.34
NOV	12.15	152.78	38.1	27	98	19.82	12.99	33.62	33.57	20.72	34.88	107.53	82.97	42.77	12.98
NOV	13.72	207.68	38.56	29	110	11.31	31.44	38.90	18.35	23.24	39.18	115.53	88.81	33.06	22.34
NOV	18.53	165.96	28.04	29	137	14.56	20.85	34.82	29.78	28.73	49.33	115.77	86.60	57.13	14.87
NOV	10.28	175.99	25.35	30	147	20.39	33.70	36.05	9.86	32.27	49.37	119.31	93.67	26.26	3.86
NOV	23.15	154.54	28	32	134	12.74	21.49	38.49	27.28	27.35	50.11	127.88	94.31	55.37	16.76
NOV	15.8	167.05	25.49	35	145	9.88	41.05	23.78	25.28	30.98	50.80	139.39	107.53	36.61	21.27
NOV	19.54	238.44	36.76	42	64	10.65	29.29	42.44	17.62	11.79	27.07	167.30	128.77	47.88	17.65
DEC	19.2	341.66	32.57	38	79	18.85	9.63	37.59	33.93	15.29	31.59	151.44	115.81	64.60	20.21
DEC	18.45	166.46	28.1	38	128	16.98	12.85	39.10	31.07	26.67	46.51	151.40	116.15	70.56	4.78
DEC	8.38	155.85	34.19	39	82	26.56	1.77	44.71	26.96	17.60	28.52	154.86	124.07	73.56	5.98
DEC	7.16	223.38	27.85	41	68	7.61	0.54	53.27	38.58	14.57	23.73	162.72	131.19	52.58	8.64
DEC	22.58	205.82	33.12	41	62	25.85	4.72	39.98	29.46	10.87	27.57	163.49	124.09	65.16	5.28
DEC	1.62	239.71	32.14	45	79	18.82	3.45	49.82	27.92	17.93	25.09	178.28	146.85	61.49	14.61
DEC	27.7	234.31	33.71	51	158	14.03	1.93	48.90	35.14	32.19	59.23	203.35	154.54	68.48	5.98
DEC	33.8	171.49	24.13	53	157	12.62	5.93	53.55	27.90	31.04	61.18	211.57	158.29	73.40	2.32
DEC	13.8	166.24	32.03	69	196	5.79	4.55	52.39	37.27	43.01	65.87	273.93	219.97	65.41	15.86
ABR	34.3	163.28	20.61	11	141	10.62	1.45	52.52	35.40	27.29	56.40	45.28	20.30	40.94	10.34
ABR	24.59	115.93	22.79	24	141	18.69	4.14	50.28	26.89	28.74	52.81	96.27	67.41	62.44	4.67
ABR	39.49	192.41	31.57	27	113	19.60	6.70	45.92	27.78	20.07	49.64	108.89	70.39	66.23	22.12
ABR	34.44	86.88	11.3	34	124	14.36	13.89	43.42	28.34	23.35	51.18	136.36	95.68	52.26	9.47
ABR	41.03	93.33	19.67	35	111	16.44	4.27	46.67	32.63	19.38	49.59	140.65	95.93	75.39	2.98
ABR	24.31	129.21	25.35	38	155	13.46	6.78	46.38	33.37	32.00	57.04	151.70	113.46	74.09	3.01
MAI	33.9	7.65	17.19	9	126	13.26	27.64	36.39	22.71	23.90	51.60	37.34	13.93	50.42	19.26
MAI	56.53	90.85	28.74	10	155	16.91	29.24	31.91	21.94	27.17	68.97	42.43	6.80	38.37	8.12
MAI	47.21	23.53	20.55	21	234	25.28	2.01	45.67	27.04	46.74	90.01	85.52	47.16	32.56	20.98
MAI	31.83	113.14	19.41	23	266	18.65	17.89	34.41	29.06	56.41	94.24	92.67	60.80	32.37	8.96
MAI	37.11	193.79	24.08	25	218	0.46	19.98	45.80	33.76	44.57	81.31	100.86	64.93	40.45	16.85

MAI	47.96	89.07	18.18	28	149	13.28	36.02	32.50	18.21	27.08	63.94	113.28	69.78	51.24	5.73
MAI	54.55	108.49	23.16	36	201	8.51	27.06	46.38	18.05	38.05	82.49	145.29	92.99	49.45	7.27
JUN	44	111.45	18.86	13	227	18.14	4.04	47.57	30.25	45.61	86.65	53.68	22.40	78.90	21.13
JUN	44.92	76.17	17.29	14	167	19.53	6.41	50.82	23.23	31.67	68.39	57.69	25.26	57.53	9.43
JUN	44.99	140.99	22.04	16	190	2.48	8.29	49.03	40.20	36.95	75.55	65.61	31.78	61.35	8.23
JUN	34.06	85.93	25.95	16	208	11.99	10.44	50.48	27.09	42.73	77.08	65.06	36.81	70.31	4.98
JUN	44.65	100.72	25.62	16	173	35.06	6.32	32.59	26.03	33.09	70.15	65.59	31.94	63.85	3.56
JUN	44.75	138.92	18.7	19	209	11.28	8.62	39.68	40.42	41.36	81.35	77.48	41.74	96.06	8.24
JUN	51.53	136.03	27.22	22	139	19.76	0.55	53.71	25.98	24.24	62.16	89.70	48.46	70.87	6.43
JUN	46.75	77.5	22.69	24	186	18.29	11.01	36.56	34.14	35.77	74.96	97.38	57.22	53.92	20.21
JUN	19.76	103.39	15.85	27	151	18.23	2.33	48.27	31.16	31.77	54.12	107.91	79.47	56.77	21.23
JUN	33.84	108.08	18.71	27	242	10.01	4.23	50.91	34.85	50.58	87.54	108.61	72.99	66.88	19.23
JUL	73.56	70.43	32.98	11	175	4.59	17.93	47.26	30.23	29.22	81.47	47.24	2.24	72.17	15.98
JUL	72.75	56.01	15.16	12	144	15.83	6.66	44.94	32.57	22.21	71.56	51.16	5.90	76.27	5.43
JUL	69.55	48.9	27.6	13	136	13.27	10.39	45.39	30.95	20.85	67.89	54.96	10.65	67.15	18.98
JUL	67.58	72.74	14.99	14	172	23.78	9.38	35.29	31.55	29.42	78.32	58.82	14.83	74.90	6.89
JUL	61.87	108.57	19.21	17	180	14.60	1.05	51.10	33.25	32.12	78.69	70.41	27.30	67.33	9.17
JUL	53.53	116.67	15	17	215	15.50	1.78	60.90	21.82	41.42	86.46	70.00	31.14	60.30	8.90
JUL	66.22	112.66	16.88	19	197	13.35	13.11	44.60	28.95	35.38	85.57	78.55	31.86	71.75	2.76
JUL	77.06	95.41	22.25	23	210	19.46	8.06	39.04	33.43	36.74	93.61	94.93	39.99	65.80	11.23
JUL	71.8	100.05	14.68	25	191	17.42	14.58	45.52	22.48	33.16	85.78	102.59	48.97	90.16	10.35
JUL	42.44	67.72	17.09	25	213	12.31	0.19	57.01	30.49	42.62	81.73	101.12	62.48	76.37	5.72
JUL	77.9	64.43	22.13	31	305	21.24	7.66	44.05	27.04	58.47	123.37	126.66	65.85	59.71	3.87
AGO	3.43	89.95	27.45	19	153	16.39	8.32	42.47	32.82	34.68	48.70	75.41	60.74	68.20	5.87
AGO	60.56	78.5	16.53	20	139	23.29	4.09	45.07	27.54	22.89	65.50	82.23	37.74	30.87	15.32
AGO	33.12	76.09	15.55	21	138	13.48	9.23	46.02	31.27	26.77	55.03	84.82	53.64	55.11	10.11
AGO	42.14	89.31	13.6	21	171	28.50	11.99	33.91	25.61	33.01	68.60	85.27	49.50	52.60	2.21
AGO	79.42	54.87	21.54	22	110	12.77	5.49	51.61	30.13	13.39	63.49	91.09	35.63	89.56	3.85

AGO	13.41	56.02	27.14	25	112	11.84	12.22	49.14	26.81	23.75	39.68	99.67	75.83	62.30	7.85
AGO	77.18	81.95	26.11	26	110	11.05	5.57	49.54	33.85	13.72	62.66	106.82	49.78	77.08	3.21
AGO	74.89	102.08	11.3	27	156	25.73	10.61	35.14	28.52	24.65	76.07	110.66	54.11	46.85	23.45
AGO	31.1	104.6	15.4	29	176	13.98	15.30	47.91	22.81	31.25	47.89	127.98	68.92	63.12	12.50
AGO	37.89	64.72	10.2	30	111	25.38	12.67	35.78	26.17	19.85	48.43	120.69	80.97	58.15	22.34
AGO	12.46	51	17.17	31	101	15.12	4.97	47.53	32.38	21.36	35.92	123.38	95.95	71.31	19.24
AGO	65.58	63.17	17.23	31	124	3.52	1.33	63.75	31.41	18.68	62.70	126.04	71.51	60.84	18.43
AGO	88.67	81.43	18.21	32	156	19.83	3.77	44.88	31.51	22.58	81.17	131.15	64.17	58.30	17.98
SET	23.52	99.41	12.33	15	120	13.49	22.19	42.17	22.15	24.07	45.90	60.58	38.38	26.32	8.25
SET	71.04	117.4	20.68	18	132	23.43	22.60	32.21	21.77	19.70	67.20	74.83	26.36	37.93	19.48
SET	8.17	74.1	28.4	20	41	15.91	25.21	40.17	18.71	8.20	15.73	79.61	61.84	40.82	9.15
SET	39.61	102.48	30	24	77	6.12	20.27	37.40	36.21	11.77	38.53	97.02	60.50	32.78	3.87
SET	23.62	123.42	20.46	24	76	27.41	24.25	22.10	26.24	13.94	32.30	96.22	67.85	57.20	7.98
SET	21.21	101.43	24.21	26	87	21.29	17.33	34.57	26.81	10.76	42.12	105.30	51.21	48.52	7.54
SET	75.01	144.97	31.84	25	87	20.73	18.52	36.11	24.65	8.76	54.72	102.75	47.50	35.46	5.37
SET	18.54	117.49	14.27	26	112	15.71	22.67	30.49	31.13	22.98	41.58	103.89	76.75	62.55	25.36
SET	25.79	158.24	32.72	30	51	26.64	12.97	40.06	20.34	7.86	25.35	120.09	86.54	52.38	3.87
SET	89.65	101.13	39.79	30	113	12.53	20.92	39.42	27.12	12.54	68.20	123.28	57.16	38.76	3.89
SET	9.08	115.63	25.5	30	97	29.26	13.72	37.92	19.10	20.95	33.43	119.25	94.22	42.38	2.87
SET	41.06	84.21	28.58	42	122	5.72	21.53	44.48	28.28	21.90	53.01	168.37	118.87	37.27	9.87
