

Appendix 1. Flock data on fall-migrating dunlins *Calidris alpina* in southern Sweden

Data on dates of observation, total flock-size and flock-composition with respect to number of adult and juvenile birds in flocks of dunlins *Calidris alpina* counted during fall migration in different sites in southern Sweden (1 Aug. – 16 Oct., 2006) used in analysis of age-class aggregation in flocks in: Henningsson and Karlsson, 2008. Do adult and juvenile shorebirds form randomly mixed flocks during fall migration? Implications for social vs. genetic control of migration.

Month	Period 1: 1–17 August				Period 2: 20 August–16 October				
	Date	Adults	Juveniles	Flock size	Month	Date	Adults	Juveniles	Flock size
8	1	12	0	12	8	20	3	10	13
8	1	7	0	7	8	20	1	2	3
8	1	56	0	56	8	21	2	2	4
8	1	3	0	3	8	21	0	6	6
8	1	4	0	4	8	21	15	30	45
8	1	4	0	4	8	21	21	13	34
8	1	20	1	21	8	21	76	136	212
8	1	3	0	3	8	22	48	151	199
8	2	58	1	59	8	22	27	66	93
8	2	8	0	8	8	23	2	8	10
8	2	67	1	68	8	24	0	3	3
8	7	7	4	11	8	24	0	2	2
8	7	2	2	4	8	24	0	6	6
8	9	2	0	2	8	24	3	2	5
8	9	20	7	27	8	24	1	29	30
8	9	2	4	6	8	24	1	9	10
8	9	8	0	8	8	24	0	9	9
8	9	39	3	42	8	24	7	38	45
8	9	3	0	3	8	24	36	85	121
8	9	10	1	11	8	25	1	7	8
8	9	139	18	157	8	25	16	60	76
8	9	21	0	21	8	26	0	15	15
8	9	116	7	123	8	26	2	36	38
8	9	8	0	8	8	27	0	14	14
8	9	7	0	7	8	27	9	70	79
8	10	2	0	2	8	28	3	1	4
8	10	18	10	28	8	28	0	19	19
8	10	2	2	4	8	29	0	2	2
8	10	2	0	2	8	29	1	5	6
8	11	3	0	3	8	29	0	2	2
8	11	0	4	4	8	29	1	33	34
8	11	4	0	4	8	30	0	2	2

8	11	24	10	34	8	30	0	4	4
8	11	42	18	60	8	30	2	67	69
8	11	104	17	121	9	8	0	3	3
8	11	4	5	9	9	9	1	13	14
8	11	13	34	47	9	10	0	7	7
8	12	18	2	20	9	10	0	9	9
8	12	2	1	3	9	10	0	4	4
8	12	8	5	13	9	10	0	5	5
8	14	2	3	5	9	10	0	7	7
8	14	5	1	6	9	10	0	11	11
8	14	6	1	7	9	10	0	21	21
8	14	11	2	13	9	10	5	91	96
8	14	4	0	4	9	11	0	3	3
8	14	3	1	4	9	11	1	9	10
8	14	45	5	50	9	11	0	4	4
8	14	6	0	6	9	11	1	16	17
8	14	77	20	97	9	11	0	10	10
8	14	19	9	28	9	11	1	65	66
8	14	3	3	6	9	12	0	3	3
8	14	12	3	15	9	13	0	7	7
8	15	14	7	21	9	13	0	30	30
8	15	30	17	47	9	13	0	40	40
8	15	69	18	87	9	13	0	3	3
8	15	6	3	9	9	13	1	110	111
8	15	4	3	7	9	14	2	80	82
8	15	26	5	31	9	14	0	12	12
8	15	3	0	3	9	25	0	6	6
8	15	3	0	3	9	25	2	48	50
8	15	6	0	6	9	27	1	10	11
8	15	4	0	4	9	27	1	4	5
8	15	9	3	12	9	27	8	159	167
8	16	5	0	5	9	28	8	67	75
8	16	135	41	176	9	29	3	16	19
8	16	4	0	4	10	2	0	7	7
8	16	2	0	2	10	3	0	2	2
8	16	4	3	7	10	3	2	8	10
8	16	7	3	10	10	3	3	24	27
8	16	3	1	4	10	3	48	290	338
8	16	0	3	3	10	3	3	28	31
8	16	4	7	11	10	16	1	19	20
8	16	102	21	123	10	16	3	237	240
8	16	35	17	52					
8	16	8	1	9					
8	17	99	40	139					
8	17	2	1	3					
8	17	53	24	77					
8	17	1	2	3					
8	17	14	14	28					
8	17	10	12	22					

Appendix 2. Sites of flock observations

Names and coordinates for the location of wetland sites in southern Sweden where flocks of migrating dunlins *Calidris alpina* were made during fall migration in the period between 1 Aug. and 16 Oct. The percentage of all flocks used (154) that were counted at each location is given. Counts were made for analyses of mixing of adult and juvenile birds in flocks in: Henningsson and Karlsson (2008). Do adult and juvenile shorebirds form randomly mixed flocks during fall migration? Implications for social vs. genetic control of migration.

Site	Lati.	Long.	Percentage of flocks
Ängsnäset	55.398	12.883	3.2
Båtafjorden	57.25	12.127	0.6
Beijershamn	56.598	16.411	5.2
Brevik	56.928	12.357	1.9
Byxelkrok	57.323	17.005	0.6
Farhultsviken	56.223	12.708	2.6
Galtabäck	57.029	12.311	0.6
Getterön	57.122	12.242	0.6
Gislövsdammar	55.357	13.228	0.6
Gräsgårdshamn	56.32	16.533	1.3
Högby fyr	57.15	17.038	0.6
Högenäsvik	57.102	16.989	1.3
Höllviken	55.418	12.951	1.3
Karsnabben	57.248	17.075	0.6
Klockholmsudden	57.005	16.939	0.6
Lilla hammarsnäs	55.447	12.949	1.9
Morupstånge	56.925	12.36	1.3
Nabben	55.384	12.821	11.0
Norra udden	57.366	17.071	0.6
Örtofta sockerbruksdammar	55.768	13.258	2.6
Risinge hamn	56.482	16.373	1.3
Risinge stranding	56.498	16.379	0.6
Rönnen	56.229	12.735	0.6
Sandön	56.221	12.78	1.9
Sebybadet	56.328	16.543	3.9
Skarnörsrevlar	55.429	12.84	19.5
Skärlövshamn	56.424	16.581	0.6
Spillepeng	55.638	13.05	0.6
Stavstensudden	55.37	13.076	14.3
Stenåsabadet	56.501	16.622	1.9
Stora Hult	56.326	12.758	1.9
Stora Ören	56.49	16.618	5.8
Torhamnsudde	56.076	15.842	1.3
Trelleborgs småbåtshamn	55.374	13.124	0.6
Västerstadsviken	56.419	16.401	3.2
Väst revet	56.203	16.396	1.3
Vombs ängar	55.677	13.509	0.6