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Supplementary material

Reclamation of tidal flats and shorebird declines in Saemangeum and elsewhere in the Republic of Korea

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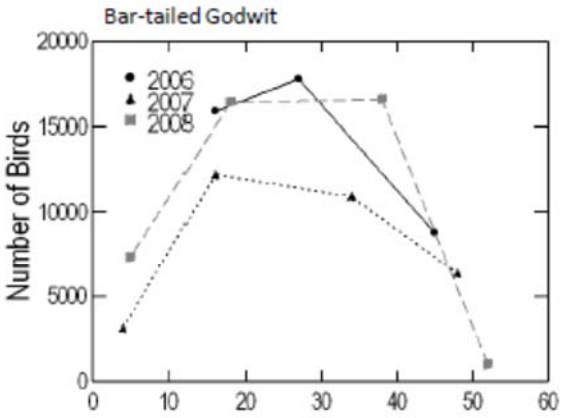
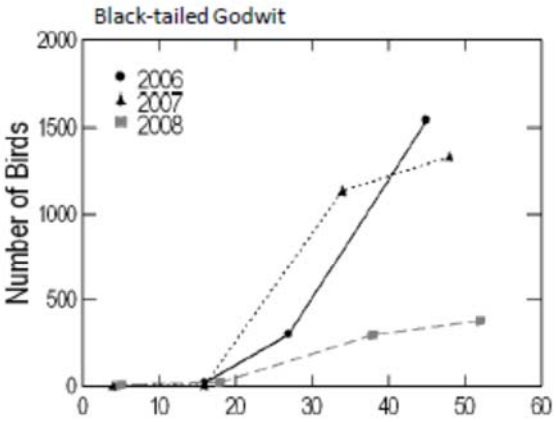
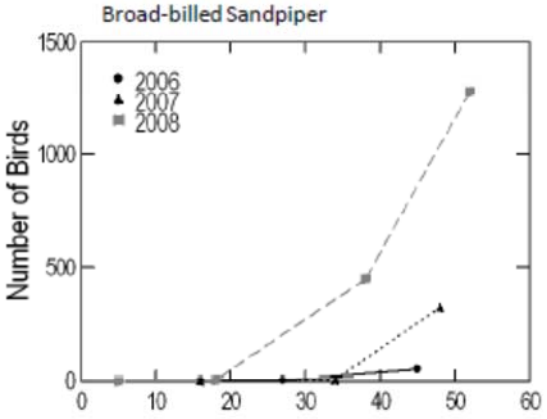
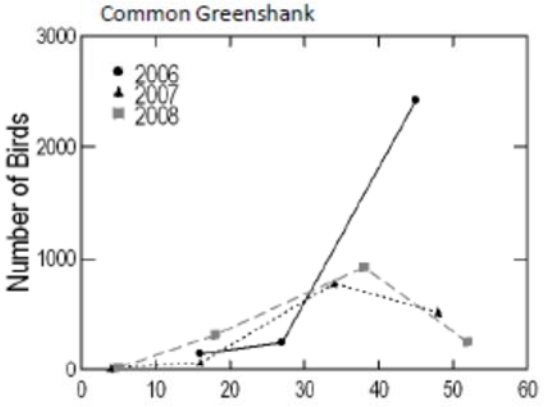
Table S1. Dates and peak tides at Gunsan (Geum Estuary) during the spring tide series when shorebird counts were carried out for the Saemangeum Shorebird Monitoring Program, 2006 to 2008

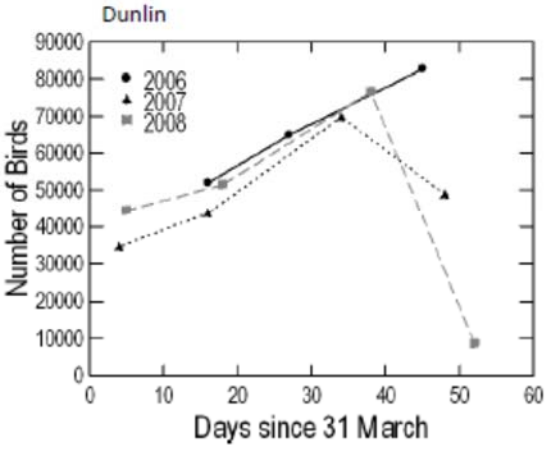
Count cycle	Year	Dates	Highest spring tide height (cm)	Time	Highest spring tide height (cm)	Time
			a.m.		p.m.	
First	2006	15–17 April	674	0439	622	1612
Second	2006	27–29 April	736	0405	675	1455
Third	2006	13–17 May	690	0421	600	1517
First	2007	2–8 April	686	0452	655	1558
Second	2007	14–19 April	762	0420	698	1508
Third	2007	30 April–6 May	686	0424	612	1522
Fourth	2007	14–22 May	761	0407	657	1442
First	2008	4–8 April	739	0428	688	1524
Second	2008	18–20 April	673	0318	633	1455
Third	2008	6–12 May	750	0414	649	1535
Fourth	2008	20–24 May	671	0404	583	1530

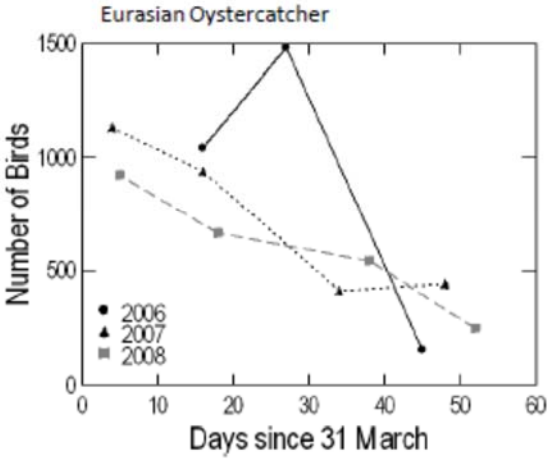

Bar-tailed Godwit
Number of Birds
2006
2007
2008

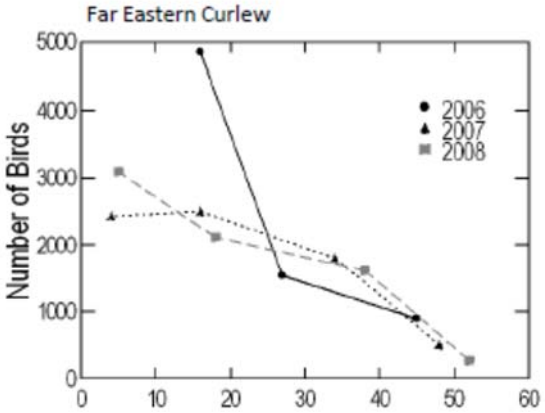

Black-tailed Godwit
Number of Birds
2006
2007
2008

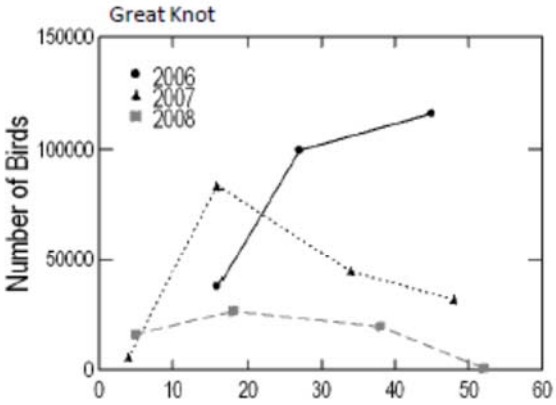

Broad-billed Sandpiper
Number of Birds
2006
2007
2008

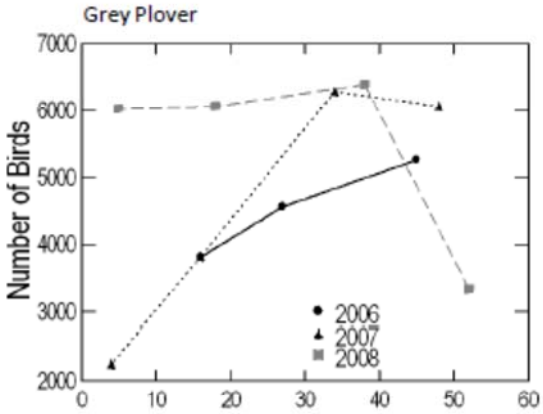

Common Greenshank
Number of Birds
2006
2007
2008

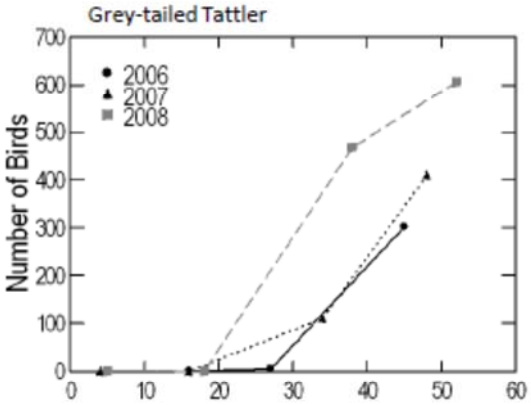

Dunlin
Number of Birds
2006
2007
2008
Days since 31 March

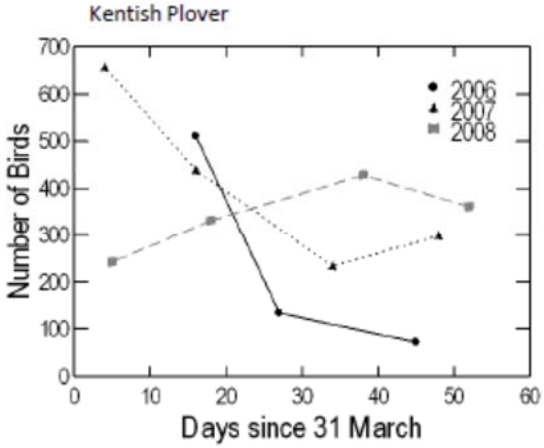

Eurasian Oystercatcher
Number of Birds
2006
2007
2008
Days since 31 March

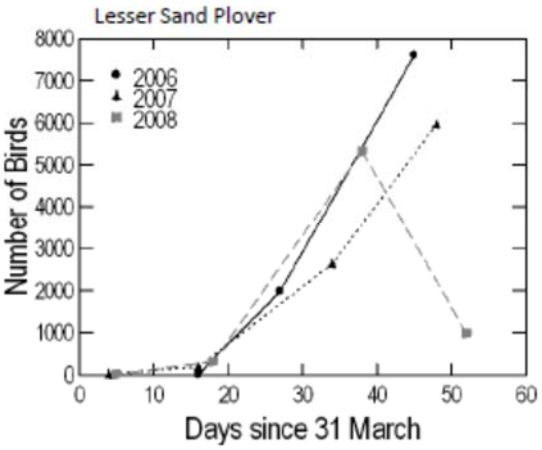

Far Eastern Curlew
Number of Birds
2006
2007
2008

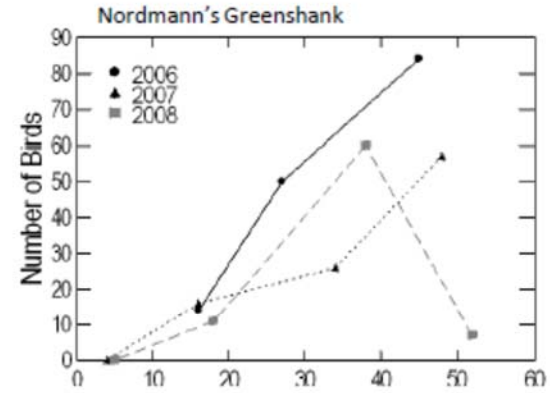

Great Knot
Number of Birds
2006
2007
2008

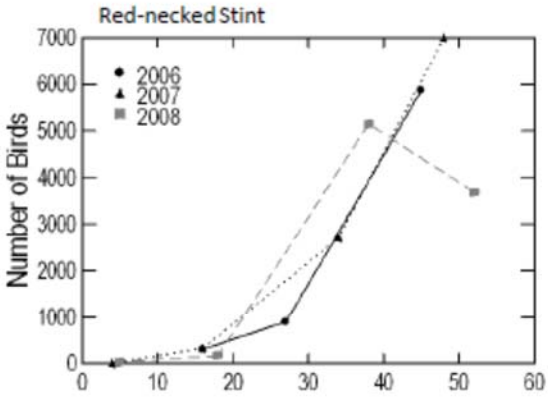

Grey Plover
Number of Birds
2006
2007
2008

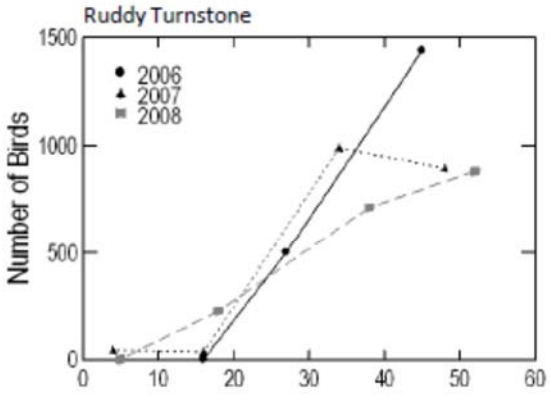

Grey-tailed Tattler
Number of Birds
2006
2007
2008

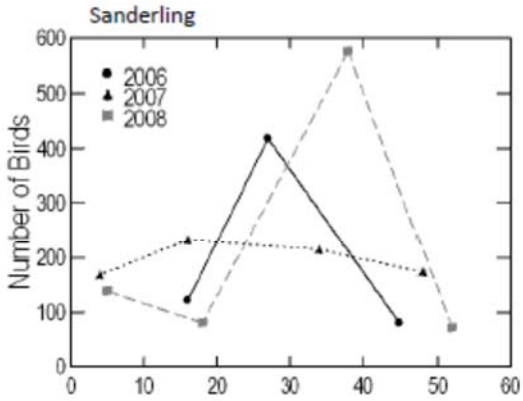

Kentish Plover
Number of Birds
2006
2007
2008
Days since 31 March

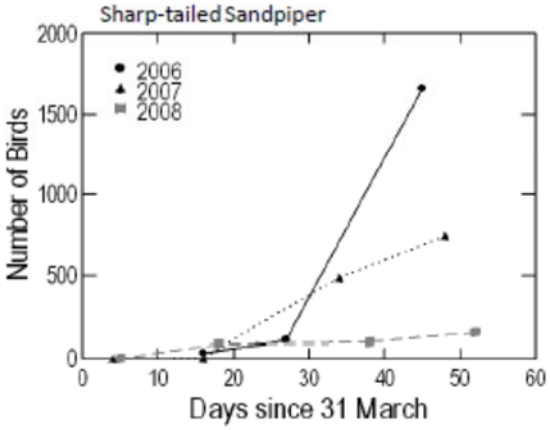

Lesser Sand Plover
Number of Birds
2006
2007
2008
Days since 31 March

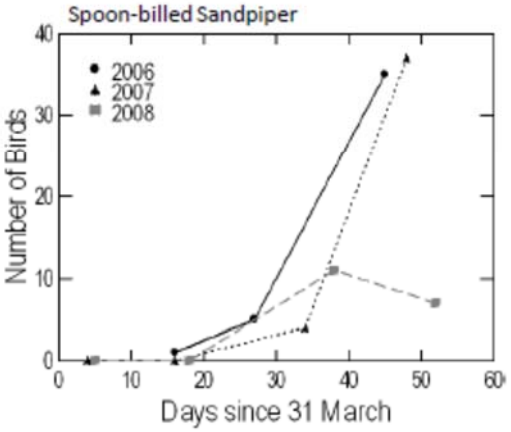

Nordmann's Greenshank
Number of Birds
2006
2007
2008


Red-necked Stint
Number of Birds
2006
2007
2008


Ruddy Turnstone
Number of Birds
2006
2007
2008


Sanderling
Number of Birds
2006
2007
2008


Sharp-tailed Sandpiper
Number of Birds
2006
2007
2008
Days since 31 March


Spoon-billed Sandpiper
Number of Birds
2006
2007
2008
Days since 31 March

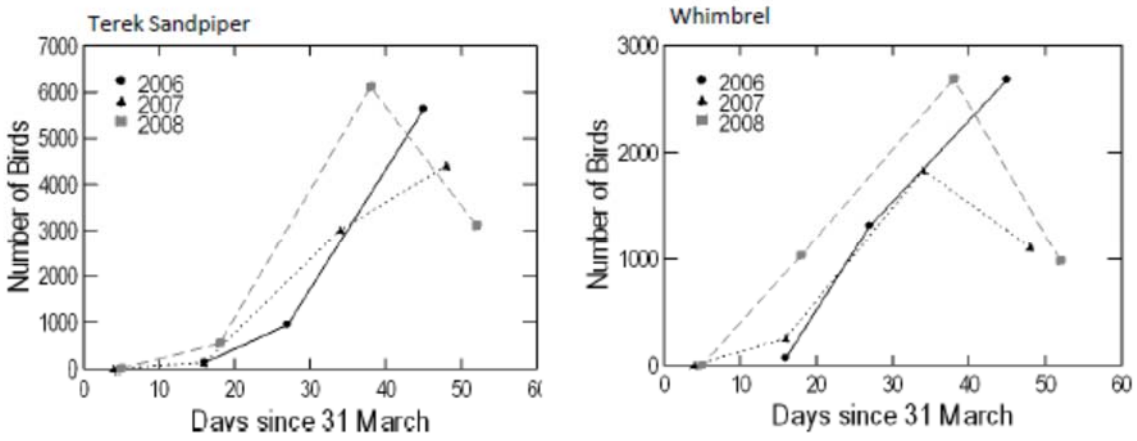


Fig. S1. Numbers of the 20 most abundant shorebird species in the Saemangeum Shorebird Monitoring Program Study Region (Saemangeum, the Geum Estuary and Gomso Bay combined) in different spring tide cycles during northward migration, 2006–2008.