

Additional file 1. Summary of rRT-PCR results for species testing positive for type A influenza.

Species common name	Species scientific name	Fecal pools ¹	Total birds	Adults	Juveniles	Healthy	Sick	Dead
Whooper Swan	<i>Cygnus cygnus</i>	9 (2) ²	129 (13)	129 (13)		129 (13)		
Mixes swan spp.	<i>Cygnus spp.</i>	21 (6)						
Swan Goose	<i>Anser cygnoides</i>	9 (0)	23 (1)	23 (1)		23 (1)		
Bean Goose	<i>Anser fabalis</i>		21 (4)	21 (4)		21 (4)		
Bar-headed Goose	<i>Anser indicus</i>	14 (1)	122 (14)	122 (14)		118 (14)	1 (0)	3 (0)
Ruddy Shelduck	<i>Tadorna ferruginea</i>	96 (3)	34 (4)	21 (2)	13 (2)	33 (4)		1 (0)
Common Shelduck	<i>Tadorna tadorna</i>	9 (1)						
Common Teal	<i>Anas crecca</i>	24 (1)						
Red-crested Pochard	<i>Rhodonessa rufina</i>	39 (3)						
Common Pochard	<i>Aythya ferina</i>	26 (2)						
Common Goldeneye	<i>Bucephala clangula</i>		1 (1)	1 (1)			1 (1)	
Demoiselle Crane	<i>Grus virgo</i>	3 (0)						
Little-ringed Plover	<i>Charadrius dubius</i>		2 (1)	1 (1)	1 (1)	2 (1)		
Northern Lapwing	<i>Vanellus vanellus</i>	20 (1)	1 (1)		1 (1)			1 (1)
Mongolian Gull	<i>Larus vagae mongolicus</i>	61 (5)	44 (5)	1 (1)	43 (5)	3 (0)		41 (5)
Black-headed Gull	<i>Larus ridibundus</i>	62 (7)						
White-winged Tern	<i>Chlidonias leucopterus</i>		4 (1)		4 (1)	4 (1)		

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Great Cormorant	<i>Phalacrocorax carbo</i>	126 (4)	109 (6)	1 (1)	108 (6)	96 (6)	5 (0)	8 (0)
Bluethroat	<i>Luscinia svecica</i>		3 (1)		3 (1)	3 (1)		
Asian Short-toed Lark	<i>Calandrella cheleensis</i>		1 (1)	1 (1)				1 (1)
	Total	513 (36)	494 (53)	321 (36)	173 (17)	432 (45)	7 (1)	55 (7)
	Percentage positive	7.0%	10.7%	11.2%	9.8%	10.4%	14.3%	13.0%

1. Fecal pools contain 5 individual swabs.

2. Number of pool tested (number of type A influenza positive pools).