

Supporting Materials

Distinguishing the subspecies of Tundra Bean Goose *Anser fabalis*: blind testing goose experts, using photographs taken in the field

Table S1. Photographs of Bean Geese used to assess the ability of experts to identify subspecies from images, together with the catch site for each bird included in the study. Split = experts' opinion was equally divided (2 for *rossicus*; 2 for *serrirostris*) across subspecies. Three birds marked as "OMITTED" were not included in the analyses (see Methods in the paper).



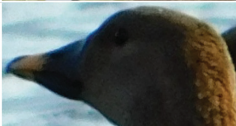
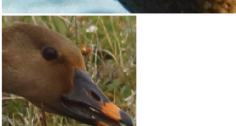
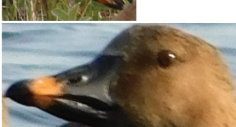
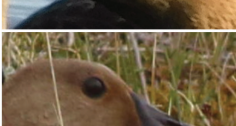
Ref no.	Image	Catch area	Subspecies based on (a) catch site, and (b) majority of experts
1		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) Split
2		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
3		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
4		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) Split
5		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
6		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>

Table S1 (*continued*).


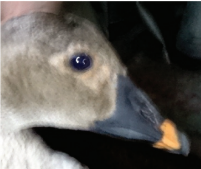


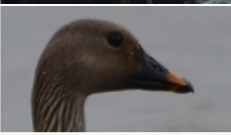


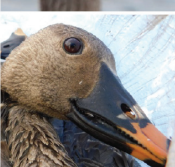
Ref no.	Image	Catch area	Subspecies based on (a) catch site, and (b) majority of experts
7		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
8		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) Split
9		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
10		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>
11		Gydan Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>
12		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
13		Gydan Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>
14		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. middendorffii</i> OMITTED

Table S1 (continued).


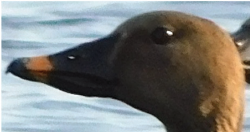
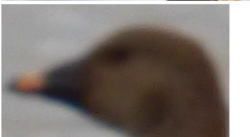

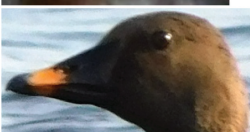


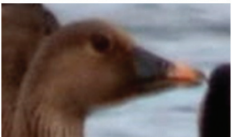
Ref no.	Image	Catch area	Subspecies based on (a) catch site, and (b) majority of experts
15		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>
16		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
17		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>
18		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i> /Not assigned OMITTED
19		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. rossicus</i>
20		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
21		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
22		Gydan Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>

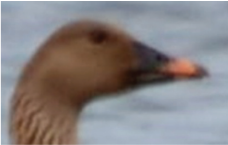


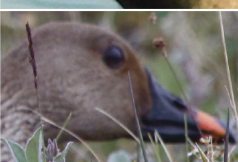
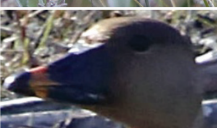
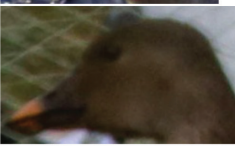
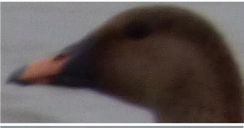

Table S1 (*continued*).

Ref no.	Image	Catch area	Subspecies based on (a) catch site, and (b) majority of experts
23		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
24		Gydan Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>
25		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. rossicus</i>
26		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. serrirostris</i> /Not assigned OMITTED
27		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
28		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) Split
29		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
30		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) Split
31		Gydan Peninsula	(a) <i>Anser f. rossicus</i> (b) Split

Table S1 (continued).

Ref no.	Image	Catch area	Subspecies based on (a) catch site, and (b) majority of experts
32		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>
33		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) Split
34		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. rossicus</i>
35		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) Split
36		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>
37		Chaun Bay	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
38		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. serrirostris</i>
39		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
40		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) Split

Table S1 (continued).

Ref no.	Image	Catch area	Subspecies based on (a) catch site, and (b) majority of experts
41		Gydan Peninsula	(a) <i>Anser f. rossicus</i> (b) Split
42		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. rossicus</i>
43		Yana Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
44		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
45		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) <i>Anser f. serrirostris</i>
46		Lena Delta	(a) <i>Anser f. serrirostris</i> (b) Split
47		Taimyr Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>
48		Gydan Peninsula	(a) <i>Anser f. rossicus</i> (b) <i>Anser f. rossicus</i>