**Corrections to the Dark-bellied Brent Goose 2021 report**

An error was identified in the analysis of the 2020/21 Dark-bellied Brent Goose breeding success data. The error affected the results presented for mean brood size. The analysis was redone in June 2022 and below are the relevant sections from the 2021 species account with the corrected data highlighted.

**Results for 2020/21**

The overall percentage of young recorded amongst flocks was 9.1% and, of the 74 broods recorded, the mean brood size was 1.79 (± 0.154 SE) young per successful pair (Table 1 & Figure 2).

The mean brood size of successful pairs peaked at 2.12 (± 0.18 SE) in October and ranged between 1.48 (± 0.18 SE) and 1.86 (± 0.13 SE) during the other months.

Table 1. Numbers of Dark-bellied Brent Geese aged at UK estuaries and coastal areas in winter 2019/20.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Estuary** | **Sample flocks** | | | **Number of sites** | **Total aged** | **Percentage of young** | **Mean brood size** | **SE** | **Number of broods** |
| **First** | **Last** | **Number of flocks** |
| 1 | The Solent | 10/12/2020 | 10/12/2020 | 1 | 1 | 30 | 40.0 |  |  |  |
| 2 | Southampton Water | 03/11/2020 | 01/02/2021 | 23 | 23 | 3,728 | 9.9 |  |  |  |
| 3 | Portsmouth Harbour | 10/11/2020 | 22/11/2020 | 2 | 2 | 235 | 6.0 |  |  |  |
| 4 | Langstone Harbour | 17/10/2020 | 23/02/2021 | 12 | 25 | 6,427 | 8.9 |  |  |  |
| 5 | Chichester Harbour | 13/10/2020 | 20/01/2021 | 15 | 15 | 2,913 | 7.3 |  |  |  |
| 6 | Blackwater Estuary | 30/11/2020 | 30/11/2020 | 1 | 1 | 4 | 100.0 |  |  |  |
| 7 | Stour Estuary | 24/11/2020 | 29/11/2020 | 3 | 3 | 580 | 13.1 | 1.50 | 0.05 | 4 |
| 8 | Hamford Water | 30/10/2020 | 29/01/2021 | 7 | 7 | 322 | 23.0 | 3.83 | 0.47 | 6 |
| 9 | North Norfolk Coast | 16/10/2020 | 16/02/2020 | 13 | 13 | 3,681 | 9.4 | 1.75 | 0.07 | 165 |
| 10 | North Lincolnshire Coast | 17/10/2020 | 21/02/2021 | 10 | 10 | 2,907 | 7.3 | 1.72 | 0.11 | 46 |
| **Total** | | **13/10/2020** | **23/02/2021** | **87** | **100** | **20,827** | **9.1** | **1.79** | **0.07** | **221** |

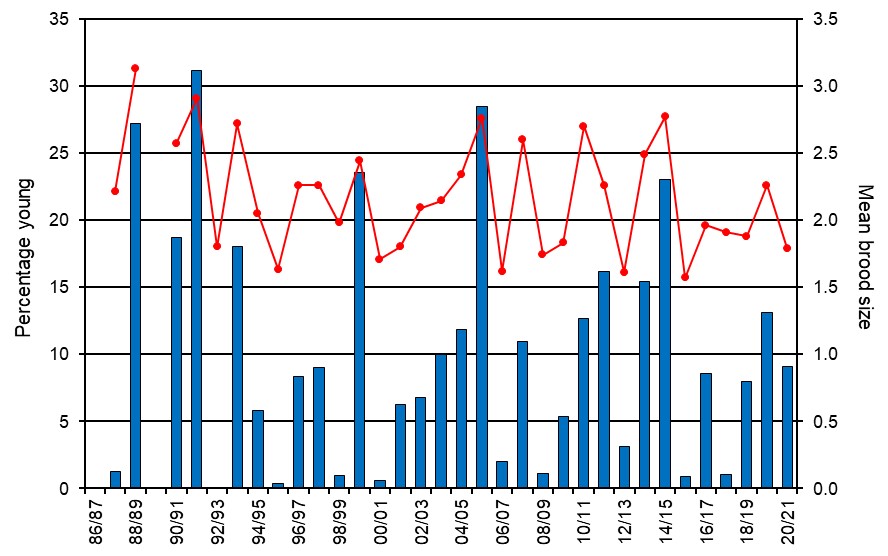


Figure 2. The percentage of young (blue columns) and mean brood size (red circles) of Dark-bellied Brent Geese recorded in Britain, 1985/86–2020/21. No brood size data were collected in 1985/86 or 1989/90.

Table 2. Monthly variation in the percentage of young and mean brood size of Dark-bellied Brent Geese in the UK during winter 2020/21.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Percentage young** | | | **Mean brood size** | | |
| **Month** | **Overall** | **Number of flocks** | **Tot aged** | **Mean** | **SE** | **Number of broods** |
| October | 8.0 | 9 | 1,440 | 2.12 | 0.18 | 33 |
| November | 10.7 | 30 | 5,556 | 1.86 | 0.13 | 69 |
| December | 9.6 | 19 | 5,095 | 1.71 | 0.09 | 77 |
| January | 7.4 | 22 | 5,106 | 1.68 | 0.24 | 19 |
| February | 8.7 | 7 | 3,630 | 1.48 | 0.18 | 23 |
| **Total** | **9.1** | **87** | **20,827** | **1.79** | **0.07** | **221** |

Discussion

Results from age assessments made at wintering sites in Britain suggest that the Dark-bellied Brent Geese had a below average breeding season in 2020: the percentage young recorded amongst flocks (9.1%) was lower than the previous year (13.1% in 2019/20) and lower than the previous ten-year mean (2010/11–2019/20; 10.2% ± 2.28 SE). The mean brood size of successful pairs during 2020/21 was also lower than the previous year (2.26 in 2019/20) and the previous ten-year mean (2010/11–2019/20; 2.17 ± 0.12 SE).