Body mass changes in Brünnich's guillemots Uria lomvia with age and breeding stage

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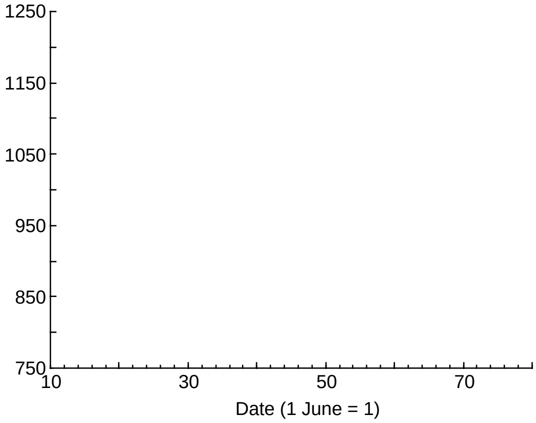
Uria lomvia 1 –2001. 1 , 12 ,

, ^{2} 0.07). ^{2} 0.10 0.13 . ^{2} 0.05 . ($_{1,23}$ = 5. 4, = 0.016), 10 . , , , , .

Seasonal trends

(^{2} = 0.050, $_{2,\ 25}$ = 27.1 , < 15 . 22 (-415.7 . 1 4,

(2). 7/10 . - , 1 1, . . 10/14 . , . (1 , 1 0– 2, 1 4–), . 1000 22 , , . 1025 , 25 (^{2} = 0.024, $_{1,\ 5}$ = 21. 7, < 0.001 . 1). 25 , . 50 15 (. 2). (^{2})



(. 3), 1002 50 1 . ($^2 = 0.044$, $_{2,30}$ = .14, < 0.001). 21 , .

Age and mass

, 1050 12 (. 4). 1 5

, (≤ 1 4, $_{53} = 0.46$, < 0.001 / > 1 4, $_6 = 0.30$, $= 0.004$), 10 . , √ , . ($_{15,7} = 3.63$, $^2 = 0.30$, < 0.001). , ($_{1,31} = 6.16$, $^2 = 0.14$, $= 0.01$, . 5), ($_{1,61} =$ 2.30, $^2 = 0.02$, $= 0.13$).

, , 20 3 , 1040 10 (. 6). - ,

(. 7),
(V $^2 = 0.02$, , $_4 = 1.20$,
$= 0.31$).
,
0 30
(
), .

Daption capense, 1 , -
Puffinus tenuirostris,
1 3, - *Oceanodroma leucorhoa,*
. 2000, - *Rissa*
tridactyla, . 2001, . 2002,
Sterna hirundo,
1 6, *Sterna paradisaea,* .
1 , *Aethia pusilla,* 1 4,
Uria aalge, . 2000).
(
. 1 1, 1 3).

50 ,
1 ,

(. 1)
L ' - (. 2000).

(1 4),

(1 3,
2002)
14
(. , L
).

(1 5,
. 1 1).

(. 1 1, 1 3).
. (1 1)

(47)
. . (1 1)

5–10%

. (2(-356.7( ) 0 -1.2 2(-35)1 6 04.3) 04)-337( )0(1.42 2(-35)(7)20.26 . (36 666( )-3

, . .16.

, . 1 2. -
-
. – 64 464–473.
, . 1 .
Daption capense , -
, . – 140 163–170.
, . , . . 1 6.
(*Sterna hirundo*). – 43
5– 5.

, . . 1 5. . – ,
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