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M... (K... 1994; L...  
2001; K... 2002

Let  $\mathcal{W}_i = \mathbb{W}_i \cup (\mathbb{W}_i + 1)$ . For  $i \in \mathbb{N}$ , let  $\mathcal{W}_i = \mathbb{W}_i \cup (\mathbb{W}_i + 1)$ .

... A ...  
... W ...  
... Z ... ( ... ) ...  
... K ...  
... Z ...





(0.52 0.96;  
 )  
 ( ... & M - 1998).  
 (A )

## RESULTS

### Avoidance of Close Social Inbreeding

B. 1988 2004, 484  
 7.5- 2). D  
 N  
 A  
 ) 1988  
 1995 ( ... & M - 1998)  
 1996 2004,  
 (M C P ¼ 0.63).  
 )  
 ( )  
 O 1609  
 138



1994). (B  
(Melospiza melodia: K & A 1998;  
Acrocephalus arundinaceus: B  
1994; Parus major: G 1978),

(1993;  
D & 2000) (1993;  
(G 1978;  
N & 1981; F 2003). N

A

( & H 2001; K 2004),  
(K  
& H 1999; P 1999; H &  
2001; F -G 2003).

(G 1980;  
G & H 1982). F

(R 2001). M  
(G & H  
1982).

### Acknowledgments

M. B, I. L, M, K. M  
C  
M (N)

N C F N 167 (IBN-0116139)  
B

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