Kim Jaatinen,^a Jussi Lehtonen,^{b,c} and Hanna Kokko^{b,c} A A C A C A \mathcal{F} \mathcal{F} \mathcal{F} \mathcal{F} A \mathcal{F} $\mathcal{F$ Α, ,

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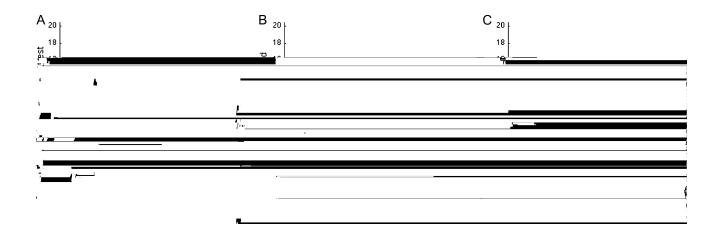
1- 9,979 Ĺ *71* Ì ₹ ₹7, CB7 ð ĢВ *∜∜* -2000; **7**, **7**, 7 1988; (E Ż Ž 2005; 2007 Ĵ. 7 1 I. ð ð CB ð (2008), E 7 7 ġ CB 7, 7 Ċ, Ż ð 1 2000), 7 J. ð 7 \$\$ 2008), ð CB Ż 20 7 ð 7 ٦ĥ 7 Ż CB 7 ð 7 CB 1)7 2) Ź ð . 2 7 ø. B 77ð 5) 2 71 CB 7 7 ð ð ٩ ġ, Ż ð CB ð 7# 7 77 Ż 7 7 Ż . 7). 7) 7 •7 🛪 , 9, 9 ; A Ż . 7 J

Number of eggs and egg recognition

$$\begin{split} & \forall a \ q_i - \alpha \ \forall A \partial q_i \mathsf{P} + B \partial q_i \mathsf{P} - E_i \partial q_i \mathsf{P}. \qquad \delta 4.2 \mathsf{P} \\ & \forall a \ q_i - \alpha \ \forall A \partial q_i \mathsf{P} + B \partial q_i \mathsf{P} - E_i \partial q_i \mathsf{P}. \qquad \delta 4.2 \mathsf{P} \\ & \forall a \ q_i - \alpha \ \forall A \partial q_i \mathsf{P} + q_i \ q_i - q_i$$

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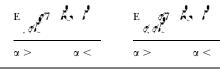


Individual quality

1991; E 📢 2008) 76 1.(Ż A 3 9001.2009). 2 2005; **7**, Ť CB Ţ ••• \$ -, Ż, 77I 7 J 7 ₹⁷77, 1993;A Ÿ, 2001). (í A \$,,

Table 4

Summary of the nature of parasitism depending on egg recognition, relatedness and the costs of egg laying (α), and postlaying care (β)



CB 7 1 Ż 1993 : A 2008) B ð (2008)Ċ, ð 7 7 2001). C 7 Ż Ż 7

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Ø. 7 7 7. 7-.7 2 (1999) Ż Ż ् , द **7**, 2001). 1993 ; А (**7**, Ż 17.0 1 31 7 ð

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