

Supplementary material

The effect of age on survival is similar in males and females of an aquatic insect

Abdeldjalil Youcefi¹, Hayat Mahdjoub^{2*}, Rabah Zebba³, Amin Kahalerras⁴, Hichem Amari⁵, Abdelheq Zouaimia³, Soufyane Bensouilah⁶, Rassim Khelifa^{2*}

¹ Biology Department, University of Tamanrasset, Tamanrasset 11000, Algeria; djalil24001@gmail.com

² Biology Department, Concordia University, 7141 Sherbrooke St. W., Montreal, QC H4B 1R6, Canada

³ Department of Nature and Life Sciences, Faculty of Nature and Life Sciences and Earth and Universe Sciences, University of 08 May 1945, Guelma 24000, Algeria; zebbsarabah@gmail.com (R.Z.); zouaimia.abdelheq@gmail.com (A.Z.)

⁴ Direction Générale Des Forêts, Guelma 24000, Algeria; kahalerras.amin@gmail.com

⁵ Department of Natural Sciences, Ecole Normale Supérieure de Ouargla, Ouargla 30000, Algeria; amari.hichem@yahoo.fr

⁶ Biology Department, Université de Laghouat, Laghouat 03000, Algeria; soufyaneben@hotmail.com

* Correspondence: hayat.mahdjoub@concordia.ca (H.M.); rassim.khelifa@concordia.ca (R.K.)

Table S1. Goodness of fit tests for the Cormack-Jolly-Seber model of the analysis of capture-mark-recapture data of *Calopteryx haemorrhoidalis* in the Seybouse River. These tests were generated with the function `release.gof` from the RMark package [1].

	Chi.square	df	P
TEST2	48.1797	118	1.00
TEST3	46.9359	81	0.99
Total	95.1155	199	1.00

Reference

1. Laake, J.L. *RMark: an R interface for analysis of capture-recapture data with MARK*; Alaska Fish. Sci. Cent., NOAA, Natl. Mar. Fish. Serv.: <http://www.afsc.noaa.gov/Publications/ProcRpt/PR2013-01.pdf>, 2013; p. 25.