

Short Note

Extreme genetic depletion upon postglacial colonization hampers
determining the provenance of introduced palmate newt populations

Robin Elfering^{1,2,‡}, Sophie Mannix^{1,2,‡}, Steve Allain^{3,4}, Johanna Ambu⁵, Pierre-
André Crochet⁶, Loïc van Doorn^{7,8}, Christophe Dufresnes^{5,9}, Robert Jehle¹⁰,
Angela Julian¹¹, Fairlie Kirkpatrick Baird¹², David O'Brien¹², Jean Secondi^{13,14},
Jeroen Speybroeck^{7,8}, Anagnostis Theodoropoulos^{1,2}, Tariq Stark¹⁴, Ben
Wielstra^{1,2,*}

1 - Naturalis Biodiversity Center, P.O. Box 9517, 2300 RA Leiden, The Netherlands

2 - Institute of Biology Leiden, Leiden University, P.O. Box 9505, 2300 RA Leiden, The
Netherlands

3 - Durrell Institute of Conservation and Ecology, University of Kent, Canterbury, CT2 7NR,
UK

4 - Department of Animal Science, Writtle University College, Writtle, CM1 3RR, UK

5 - Laboratory for Amphibian Systematic and Evolutionary Research (LASER), College of
Biology & Environment, Nanjing Forestry University, Nanjing, China

6 - CEFE, Université Montpellier, CNRS, EPHE, IRD, Université Paul Valéry Montpellier 3,
Montpellier, France

7 - Research Institute for Nature and Forest (INBO), Havenlaan 88 Bus 73, B-1000 Brussels,
Belgium

8 - Institut de Systématique, Evolution, Biodiversité (ISYEB), Muséum National d'Histoire Naturelle, 45 rue Buffon, 75005 Paris, France

9 - Muséum national d'Histoire naturelle, CNRS, Sorbonne Université, EPHE, Université des Antilles, Paris, France

10 - School of Science, Engineering and Environment, University of Salford, M5 4WT Salford, UK

11 - Amphibian and Reptile Groups of UK (ARG UK), 82 Gidley Way, Horspath, Oxford, OX33 1TG, UK

12 - Highland Amphibian and Reptile Project, Dingwall, IV7 8HZ, UK

13 - Université Angers, Angers France

14 - Université Claude Bernard Lyon 1, LEHNA UMR 5023, CNRS, ENTPE, F-69622, Villeurbanne, France

15 - Reptile, Amphibian and Fish Conservation Netherlands (RAVON), P.O. Box 1413, 6501 BK Nijmegen, The Netherlands

‡These authors contributed equally to this work.

*Corresponding author; e-mail: ben.wielstra@naturalis.nl

Supplementary material