

Curriculum Vitae

Name	Erik Postma
Date, place of birth	July 11 1977, Amsterdam, The Netherlands
Nationality	Dutch
Current work address	Institute of Evolutionary Biology and Environmental Studies University of Zürich 8057 Zürich Switzerland
Telephone	+41 (0) 44 635 47 66 (office)
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Website	www.erikpostma.net
Languages	Dutch (mother tongue), English (fluent), German and Swiss German (good), French (basic knowledge)
Academic positions	
<i>Jun 2011 - present</i>	Group leader (Oberassistent) at the Institute of Evolutionary Biology and Environmental Studies, University of Zürich (UZH), Switzerland
<i>Jun 2008 – May 2011</i>	Postdoctoral researcher at the Institute of Evolutionary Biology and Environmental Studies, University of Zürich (UZH), Switzerland
<i>Jun 2006 – May 2008</i>	Vice-Chancellor's Postdoctoral Research Fellow at the University of New South Wales (UNSW), Australia
<i>Jan – Jun 2006</i>	Postdoctoral fellow at the University of New South Wales, Australia, funded by the Netherlands Organisation for Scientific Research (NWO)
Education	
<i>July 2009</i>	Gran Paradiso Summer School in Ecological Statistics: Bayesian Data Analysis for Ecologists, Cogne, Italy
<i>August 2008</i>	Summer Institute in Statistical Genetics, University of Washington, USA.
<i>May 2001 – Nov 2005</i>	Ph.D. (<i>cum laude</i>) at the Netherlands Institute of Ecology (NIOO-KNAW) under supervision of Prof. Dr. A.J. van Noordwijk (Utrecht University / NIOO-KNAW)
<i>Oct – Dec 2002</i>	Marie-Curie training fellowship at the University of Edinburgh, UK
<i>Feb 1999 – Nov 2000</i>	Master of Science at Wageningen University (WU), The Netherlands
<i>Sep 1995 – Jan 1999</i>	Bachelor of Science at Wageningen University, The Netherlands Specialisation: Population biology

Teaching (selection)

(Co-)supervision of students at the undergraduate, MSc and PhD level (UZH, UNSW and NIOO-KNAW)

Ecological Genetics Lecture Series; 3rd year Evolution Course; Ecology and Evolution Journal Club (UZH)

Special interest graduate course on 'The Relationship between Evolutionary Biology and Society' (UNSW)

Conferences and workshops attended (last 3 years)

2011 13th Congress of the European Society for Evolutionary Biology, Tübingen, Germany (*talk*)

Workshop on quantitative trait locus (QTL) mapping, Uppsala, Sweden (*invited talk*)

2010 13th International Behavioural Ecology Congress, Perth, Australia (*talk*)

Biology10, Neuchâtel, Switzerland (*poster*)

2009 12th Congress of the European Society for Evolutionary Biology, Turin, Italy (*plenary talk*)

Wild Animal Models Meeting, Valsavarenche, Italy (*talk*)

Workshop Evolutionary Genetics: The impact of next generation sequencing, Lutherstadt Wittenberg, Germany

Biology09, Bern, Switzerland (*talk*)

Invited talks (last 3 years)

April 2011 Workshop on quantitative trait locus (QTL) mapping, Uppsala, Sweden

June 2010 University of Neuchâtel, Switzerland

December 2009 Swiss Ornithological Institute, Sempach, Switzerland

November 2009 University of Uppsala, Sweden

August 2009 Invited plenary speaker 11th Congress of the European Society for Evolutionary Biology, Turin, Italy

March 2009 University of Bern and University of Fribourg, Switzerland

Jan 2009 Lund University, Sweden

Reviewing activity (selection)

Journals American Naturalist, Ecology, Evolution, Global Change Biology, Heredity, Journal of Animal Ecology, Journal of Evolutionary Biology (reviewing editor), Molecular Ecology, Nature Reviews Genetics, PLoS Biology, Proc. Roy. Soc. B, Science

Funding organisations Canadian Foundation for Innovation, Rumanian Research Council, Swedish Research Council, United States National Science Foundation

Publications (peer-reviewed)

A complete publication list can be found at <http://www.erikpostma.net/publications> or <http://www.researcherid.com/rid/B-7258-2008>

B. Tschirren, **E. Postma**, A.N. Rutstein and S.C. Griffith, In Press

When mothers make sons sexy: maternal effects contribute to the increased sexual attractiveness of extra-pair offspring
Proceedings of the Royal Society B (DOI: 10.1098/rspb.2011.1543)

E. Postma, 2011

Comment on "Additive Genetic Breeding Values Correlate with the Load of Partially Deleterious Mutations"
Science 333: 1221

E. Postma, F. Heinrich, U. Koller, R.J. Sardell, J.M. Reid, P. Arcese and L.F. Keller, 2011

Disentangling the effect of genes, the environment and chance on sex ratio variation in a wild bird population
Proceedings of the Royal Society B 278: 2996-3002

E. Postma, N. Spyrou, L.A. Rollins and R.C. Brooks, 2011

Sex-dependent selection differentially shapes genetic variation on and off the guppy Y chromosome
Evolution 65: 2145-2156

K. Thüler, L.F. Bussière, **E. Postma**, P.I. Ward and W.U. Blanckenhorn, 2011

Genetic and environmental sources of covariance among internal reproductive traits in the yellow dung fly
Journal of Evolutionary Biology 24: 1477-1486

E. Postma, L. Martini and P. Martini, 2010

Inbred women in a small and isolated Swiss village have fewer children
Journal of Evolutionary Biology 23: 1468-1474

B. Tschirren and **E. Postma**, 2010

Quantitative genetics research in Zebra Finches: Where we are and where to go
Emu 110: 268-278 (invited review)

A.J. Wilson, D. Réale, M.N. Clements, M.M. Morrissey, **E. Postma**, C.A. Walling, L.E.B. Kruuk and D.H. Nussey, 2009

An ecologists' guide to the animal model
Journal of Animal Ecology 79: 13-26

- E. Postma**, R.J. den Tex, A.J. van Noordwijk and A.C. Mateman, 2009
 Neutral markers mirror small scale quantitative genetic differentiation in an avian island population
Biological Journal of the Linnean Society 97: 867-875
- E. Postma** and P. Gienapp, 2009
 Origin-related differences in plumage coloration within an island population of great tits (*Parus major*)
Canadian Journal of Zoology 87: 1-7
- B. Tschirren, A.N. Rutstein, **E. Postma**, M. Mariette and S.C. Griffith, 2009
 Short- and long-term consequences of early developmental conditions: a case study on wild and domesticated zebra finches
Journal of Evolutionary Biology 22: 387-395
- E. Postma**, 2007
 Inflated impact factors? The true impact of evolutionary papers in non-evolutionary journals
PLoS ONE 2: e999
- E. Postma** and A. Charmantier, 2007
 What 'animal models' can and cannot tell ornithologists about the genetics of wild populations
Journal of Ornithology 148 (Suppl 2): S633-S642
- E. Postma**, J. Visser and A.J. van Noordwijk, 2007
 Strong artificial selection in the wild results in predicted small evolutionary change
Journal of Evolutionary Biology 20: 1823-1832
- E. Postma**, S.C. Griffith and R.C. Brooks, 2006
 Brief Communication Arising: The Evolution of Mate Choice in the Wild
Nature 444: E16
- P. Gienapp, **E. Postma**, M.E. Visser, 2006
 Why breeding time has not responded to selection for earlier breeding in a songbird population.
Evolution 60: 2381-2388
- E. Postma**, 2006
 Implications of the difference between true and predicted breeding values for the study of natural selection and micro-evolution.
Journal of Evolutionary Biology 19: 309-320

E. Postma and A.J. van Noordwijk, 2005

Gene flow maintains a large genetic difference in clutch size at a small spatial scale.

Nature 433: 65-68

D.H. Nussey, **E. Postma**, P. Gienapp and M.E. Visser, 2005

Selection on heritable phenotypic plasticity in a wild bird population.

Science 310: 304-306

E. Postma and A.J. van Noordwijk, 2005

Genetic variation for clutch size in wild populations of birds from a reaction norm perspective.

Ecology 86: 2344-2357

P. Edelaar, **E. Postma**, P. Knops and R. Phillips, 2005

No support for a genetic basis for mandible crossing direction in crossbills (*Loxia* spp.).

The Auk 122: 1123-1129

P. Edelaar, T. Piersma and **E. Postma**, 2005

Retained non-adaptive plasticity: Gene flow or small inherent costs of plasticity.

Evolutionary Ecology Research 7: 489-495

E. Postma, W.F. van Hooft, S.E. van Wieren and L. van Breukelen, 2001

Microsatellite variation in Dutch roe deer (*Capreolus capreolus*) populations.

Netherlands Journal of Zoology 51: 85-95

Book chapters

R.C. Brooks and **E. Postma**, 2011

Genetics of Male Guppy Colour Patterns. In: J. P. Evans, A. Pilastro, and I. Schlupp (Eds.), *Ecology and Evolution of Poeciliid Fishes*. Chicago, University of Chicago Press

E. Postma, 2010

Using animal model methodology to infer and predict the evolutionary consequences of climate change. In: A.P. Møller, W. Fiedler and P. Berthold (Eds.), *Effects of Climate Change on Birds*. Oxford University Press

Publications (not peer-reviewed)

E. Postma, 2011

Mäuse sparen nicht fürs Alter. *VSAO Journal* 3: 30-31 (in German)

L.F. Keller and **E. Postma**, 2011

Darwin und die Folgen der Inzucht. In: H.-U. Reyer and P. Schmid-Hempel (Eds.), *Darwin und die Evolutionstheorie in der heutigen Zeit*. Zürcher Hochschulforum, Band 47. vdf Hochschulverlag AG. (in German)

E. Postma, 2007

Review of “State-dependent life-history strategies: A long-term study on Oystercatchers” by Martijn van de Pol
Ardea 95: 169-171

E. Postma, L.E.B. Kruuk, J. Merilä, A.J. van Noordwijk and B.C. Sheldon, 2003

Old wine in a new but defective bottle. Comment on Quantitative genetic analysis of natural populations by A.J. Moore & P. F. Kulk.
Nature Reviews Genetics