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## Hybrid zone dynamics in amphibians

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# Curriculum vitae

Isolde van Riemsdijk was born on the 4th of January 1991 in Gouda in the Netherlands. After finishing high school at the Coornhert Gymnasium in Gouda in 2009, she started her academic education with a BSc and MSc in Biology on the subject of Evolution and Biodiversity at Wageningen University, the Netherlands, from 2009 to 2014. The subject of her MSc thesis was 'dating analysis of a phylogenetic tree of Annonaceae'. Isolde conducted an MSc internship of half a year at BioArch at the University of York in the UK, to identify bone specimens from an archaeological collection, for which she received an Erasmus grant. After finishing her MSc, she did a research project on bioinformatics tools for fragmented genome assemblies at the University of Leipzig under the supervision of Prof. Dr. K. Nowick, and PhD candidate R. Kolora. In 2015, she started her PhD on the subject of hybrid zone dynamics in amphibians at the Naturalis Biodiversity Center in Leiden, the Netherlands, under supervision of Dr. J.W. Arntzen and Dr. B. Wielstra. This position was supported by the 'Nederlandse Organisatie voor Wetenschappelijk Onderzoek' (NWO Open Programme 824.14.014). During her PhD, Isolde visited the Shaffer Laboratory at the University of California for half a year, to set up a project using restriction-associated DNA sequencing, for which she received funding from the Leiden University Fund / Svaartje Mondt Fonds.



## Publications

- van Riemsdijk, I.**, Arntzen, J.W., Bucchiarelli, G., McCartney-Melstad, E., Rafajlovic, M., Scott, P., Toffelmier, E., Shaffer, H.B., Wielstra, B., (in prep.). Spatial variation in introgression along a toad hybrid zone in France.
- van Riemsdijk, I.**, Struijk, R. P. J. H., Pel, E., Janssen, I. A. W., Wielstra, B. (subm.). Hybridisation complicates the conservation of *Natrix* snakes in the Netherlands.
- van Riemsdijk, I.**, Butlin, R. K., Wielstra, B. Arntzen, J. W. (2018). Testing an hypothesis of hybrid zone movement for toads in France. *Molecular Ecology*, 28, 1070-1083.
- van Riemsdijk, I.**, van Nieuwenhuize, L., Martínez-Solano, I., Arntzen, J. W., & Wielstra, B. (2017). Molecular data reveal the hybrid nature of an introduced population of banded newts (*Ommatotriton*) in Spain. *Conservation Genetics*, 19, 249-254.
- van Riemsdijk, I.**, Arntzen, J. W., Bogaerts, S., Franzen, M., Litvinchuk, S. N., Olgun, K., & Wielstra, B. (2017). The Near East as a cradle of biodiversity: a phylogeography of banded newts (genus *Ommatotriton*) reveals extensive inter- and intraspecific genetic differentiation. *Molecular Phylogenetics and Evolution*, 114, 73–81.
- Miller, J. A., **van Riemsdijk, I.**, Khalik, M. Z., Scager, D. J., & Schilthuizen, M. (2016). Comment on Falade et al. (2016) DNA-barcoding of *Clarias gariepinus*, *Coptodon zillii* and *Sarotherodon melanotheron* from Southwestern Nigeria. *F1000Research*, 5, 2654.
- Welker, F., Soressi, M. A., Roussel, M., **van Riemsdijk, I.**, Hublin, J.-J., & Collins, M. J. (2016). Variations in glutamine deamidation for a Châtelperronian bone assemblage as measured by peptide mass fingerprinting of collagen. *STAR: Science & Technology of Archaeological Research*, 3, 15–27.



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