

Curriculum Vitae - DR. JULIA GEUE

1 Personal Data

ADDRESS: Department of Ecology and Environmental Sciences, Umeå University
Linnaeus väg 6, 90187 Umeå, Sweden
PHONE: +46 90 786 51 09 (w)
EMAIL: julia.geue@gmail.com

2 Work Experience

04/21 - NOW	<i>Postdoctoral Fellow</i> at the Department of Ecology and Environmental Sciences, Umeå University , Sweden
10/16 - 12/20	<i>PhD student</i> at the Institute of Evolution and Ecology, University of Tübingen , Germany
09/18 - 10/20	<i>Research Assistant (20%)</i> at the Center for animal genetics (CAG GmbH) , Tübingen, Germany
05 - 09/16	<i>Research Assistant (50%)</i> at the Center for animal genetics (CAG GmbH) , Tübingen, Germany
09/15 - 09/16	<i>Research Assistant (50%)</i> at the Institute of Evolution and Ecology, University of Tübingen , Germany
09/15 - 04/16	<i>Research Assistant(20%)</i> at the Center for neurodegenerative diseases (DZNE) , Germany
07 - 08/15	<i>Internship in bat conservation</i> at the Babes-Bolyai University , Cluj-Napoca, Romania
03 - 04/14	<i>Internship in collection management</i> at the Natural History Museum Stuttgart , Germany

3 Education

2022	Summer school “ <i>Software and Statistical Methods Population Genomics</i> ”, in Aussois, France
12/20	PhD in BIOLOGY, Institute of Evolution and Ecology, University of Tübingen , Germany Title: “Mapping the biodiversity of today to protect it for the future – The influence of the environment on biodiversity, and its use in conservation” — Advisor: Dr. Henri THOMASSEN
2017	Advanced Course “ <i>Spatial conservation prioritization</i> ”, in Vairao, Portugal
2017	Advanced Course “ <i>Landscape Genomics</i> ”, in Berlin, Germany
05/15	Master of Science in BIOLOGY, Institute of Evolution and Ecology, University of Tübingen , Germany Title: “Landscape genetics of the House sparrow (<i>Passer domesticus</i>) for conservation prioritization in Eastern Europe.” — Advisor: Dr. Henri THOMASSEN
10/12	Bachelor of Science in AGRICULTURAL BIOLOGY, University of Hohenheim , Germany

4 Teaching Experience

2019	<i>Lecturer</i> in Introduction to Next-Generation Sequencing (Master Module), University of Tübingen, Germany
2017 - 2019	<i>Teaching Assistant</i> in Landscape Genetics (Masters Module), University of Tübingen, Germany
2017 - 2020	<i>Supervisor</i> of four Master Students , University of Tübingen, Germany

5 Extracurricular / Voluntary Work

2022	<i>Head of the organization team</i> of a PhD and Postdoc retreat at Umeå university, Sweden
2021 - NOW	<i>Active member</i> of the IUCN 'Conservation Genetics Specialist Group' (CGSG) <i>Co-lead</i> of the 'Mentoring and Capacity Building' - task force
2019	<i>Head of the organization team</i> of an university-internal conference (Meeting Steve), University of Tübingen, Germany
2015	<i>Volunteer</i> in bat conservation project, Cluj-Napoca, Romania
2015	<i>Volunteer</i> in at the International Conference - Molecular Biology – Current Aspects and Future Prospects, Cluj-Napoca, Romania

6 Publications

2022	H.Hinneberg, T. Bamann, J.C. Geue , K. Foerster, A. Kupfer, H. A. Thomassen: "Truly invasive or simply non-native? Insights from an artificial crested newt hybrid zone" <i>Conservation Science and Practice</i> DOI:10.1111/csp2.12752
2022	J.C. Geue , P.J. Rotter, C. Gross, Z. Benkő, I. Kovács, C. Fântână, J. Veres-Szászka, C. Domşa, E. Baltag, S.J. Daróczy, G.M. Bóné, V.D. Popescu, H.A. Thomassen: "Limited reciprocal surrogacy of bird and habitat diversity and inconsistencies in their representation in Romanian protected areas." <i>PLOS ONE</i> DOI:10.1371/journal.pone.0251950
2022	M.Glück, J.C. Geue , H.A. Thomassen: "Environmental differences explain subtle yet detectable genetic structure in a widespread pollinator." <i>BMC Ecology and Evolution</i> . DOI: 10.1186/s12862-022-01963-5
2020	J.C. Geue , H.A. Thomassen: "Unravelling the habitat preferences of two closely related bumble bee species in Eastern Europe." <i>Ecology and Evolution</i> . DOI: 10.1002/ece3.6232.
2016	J.C. Geue , C.I. Vágási, M. Schweizer, P.L. Pap, H.A. Thomassen: "Environmental selection is a main driver of divergence in house sparrows (<i>Passer domesticus</i>) in Romania and Bulgaria. <i>Ecology and Evolution</i> . DOI: 10.1002/ece3.2509.

7 Conferences and Lectures

2022	<i>SSMPG Summer School</i> , Aussois, France Poster: “A genetic diversity inventory and range-wide investigation of local adaptation of the Norway – Siberian Spruce Species Complex”
2022	<i>5th Annual Meeting in Conservation Genetics</i> , Edinburgh, United Kingdom Oral presentation: “Genetic diversity and introgression in the Norway – Siberian Spruce Species Complex: implications for conifer management and conservation.”
2021	<i>1st EVOLTREE Conference</i> , Birmensdorf, Switzerland Poster: “Landscape genomics of Norway Spruce (<i>Picea abies</i> [L.] Karst): a range-wide investigation of local adaptation.”
2021	<i>Umeå University</i> , Umeå, Sweden Invited oral presentation: “Mapping the biodiversity of today to protect it for the future – The influence of the environment on biodiversity, and its use in conservation”
2020	<i>4th Annual Meeting in Conservation Genetics</i> , Frankfurt, Germany Oral presentation: “Landscape genomics as a useful tool for conservation prioritization: a multi-species study in Eastern Europe.”
2019	<i>12th European Ornithologists’ Union Congress 2019 (EOU2019)</i> , Cluj-Napoca, Romania Oral presentation: “Environmental selection is a main driver of divergence in house sparrows (<i>Passer domesticus</i>) in Romania and Bulgaria”
2019	<i>29th International Congress for Conservation Biology (ICCB 2019)</i> , Kuala Lumpur, Malaysia Oral presentation: “Mapping adaptive genetic variation for conservation prioritization in Romania and Bulgaria”
2018	<i>3rd Annual Meeting in Conservation Genetics</i> , Vienna, Austria Poster: “Landscape genomics as a useful tool for conservation prioritization: a multi-species study in Eastern Europe”

8 Grants and other support

2021	<i>Kempe foundation</i> , travel grant to present at the EVOLTREE Conference in Birmensdorf, Switzerland
2019	<i>Teufel-Stiftung</i> , travel grant to present at the ICCB 2019 in Kuala Lumpur, Malaysia
2019	<i>Beatrice-Nolte Stiftung</i> , financial support for lab work (part of PhD thesis)
2019	<i>LBBW-Stiftung</i> , financial support for lab work (part of PhD thesis)
2017	<i>Teufel-Stiftung</i> , travel grant to attend workshops in Portugal and Germany
2016	<i>Landesgraduiertenförderung Baden-Württemberg</i> , 2-year PhD salary stipend

9 Field experience

2017	<i>Fieldwork in Romania and Bulgaria</i> , DNA sample and data collection of multiple taxa
2015	<i>Fieldwork in Romania</i> , DNA sample and data collection of multiple taxa
2014	<i>Fieldwork in Romania</i> , DNA sample and data collection of multiple taxa

10 Collaborations

CSONGOR VAGASI, PETER PAP	Babes-Bolyai University, Cluj-Napoca, Romania	SAMPLE COLLECTION, PUBLICATION
MILVUS GROUP	Bird and Nature Protection Association, Romania	PRIORITIZATION AND DEVELOPMENT OF CONSERVATION MEASURES
ROS	Romanian Ornithological Society, Romania	PRIORITIZATION AND DEVELOPMENT OF CONSERVATION MEASURES
DANIEL WEGMANN	Wegmann Lab, University of Fribourg, Switzerland	BIOINFORMATICS

11 Skills and qualifications

HANDS-ON	Highly experienced in DNA extraction and NGS library preparation Experience working in remote and difficult field conditions, DNA sample collection, and field project management
COMPUTER	Expert in working with genomic data (WGS,GBS), including creating bioinformatic pipelines and analyses in Unix and R. Expertise in population genetics/genomics Landscape genomics (GDM, Sambada, RDA, LFMM) Modeling (SDM, RandomForest) and Conservation prioritization (GIS, Zonation)
LANGUAGES	German (native speaker) English (proficient) Swedish (Level A2)

12 Interests and Activities

PROFESSIONAL	Member, Society for Conservation Biology Member, Conservation Genetics Specialist Group of the IUCN
OTHER	Hiking, Traveling