

CV – Heléne Aronsson

Education

University of Gothenburg – PhD in Natural Science Specialising in Biology

2021 – ongoing

Working title of thesis: *Macroecology as a tool for informing sustainable businesses*

University of Gothenburg – MSc in Evolutionary Ecology

2016 – 2018

Degree project: *Evolution of carotenoid colouration in weaverbirds (Ploceidae)*

University of Gothenburg – BSc in Biology

2013 – 2016

Degree project: *Carotenoid colouration in relation to ecology and sexual selection in weaverbirds (Ploceidae)*

Academic experience

Gothenburg Botanical Garden, Project coordinator at the Gothenburg Global Biodiversity Centre

2021-01-15 – 2021-06-30

University of Gothenburg, Project coordinator at the Gothenburg Global Biodiversity Centre

2019-08-15 – 2021-01-14

University of Gothenburg, teaching assistant on graduate level course “Spatial Analysis in R”

2020-11-02 – 2020-11-03

University of Gothenburg, field assistant

2019-01-07 – 2019-07-16

University of Gothenburg, Research assistant; performing lab work and project management

2019-01-07 – 2019-07-16

University of Gothenburg, project employment performing DNA extractions of soil samples

2018-11-01 – 2018-12-01

Swiss Ornithological Institute, bird ringing volunteer at Col de Bretolet research-station

2017-10-07 – 2017-10-21

UKZN South Africa, fieldwork collecting tissue samples from passerines

2016-11-01 – 2017-01-25

MyAcademy, tutoring students at compulsory school level (ages 10-15)

2016-03-01-2017-05-30

University of Gothenburg, Mentorship for students with mental disabilities

2015-12-01 - 2016-11-01

Examples of outreach and communication experience

[Unga forskare](#) – jury member for a national competition at high school level focusing on natural science projects
2020, 2021, 2022, 2023

Forskarfredag – Vad är biologisk mångfald? – lecture about biodiversity and the main drivers of biodiversity loss for school children at Åsaka elementary school, Trollhättan in collaboration with Innovatum Science centre
2022-09-27

[Zafire, un viaje a la Amazonía](#) – participation in documentary about biodiversity, women in natural science, and the role of local communities in the conservation of the Amazon, produced by Endemica Studios
2022-09-22

[Biologisk mångfald, hur relaterar det till min verksamhet?](#) – short lecture on what biodiversity is and how it can be incorporated in sustainability events, for *Hållbarhetsfestivalen Västra Götaland*.
2020-11-04

[Blommor, bin och biologisk mångfald](#) – scientific piece on what the general public can do for biodiversity in *Västerhavsveckan magasin*
2018-08-04

Other engagements

PhD board at the Department of Biological and Environmental Sciences
2022-01-30 – ongoing

Teaching and pedagogic experience

Official training in pedagogics and didactics

Behörighetsgivande högskolepedagogik 1: Baskurs - Licensing higher education pedagogy
University of Gothenburg
2022-02-04 – 2022-03-04

Föreläsning som studentaktiv undervisningsmetod – Lecturing as a teaching method, seminar
University of Gothenburg
2022-09-22

Responsiv undervisning i högre utbildning – Responsive teaching in higher education, seminar
University of Gothenburg
2022-09-07

Vinn med det visuella – att medvetet fånga studenterna – Winning with the visual, to deliberately capture student's attention, seminar
University of Gothenburg
2022-10-13

Selection of lectures

Drivers of diversity – what creates biodiversity on earth

Species diversity – the concept and its origin

Birds of Sweden – covering 120 of the most common taxa of birds in Western Sweden

Selection of seminars and exercises

Seminar on species definitions and phylogenetic trees

Seminar on rewilding and its implementation in nature conservation

Exercise in how to identify birds at the Gothenburg Natural History Museum

Dissection of Norwegian lobsters and vertebrate skeleton labs

Excursions with focus on identifying birds in the field

Developed course material

Created the lectures *Birds of Sweden* (GU course code: BIO145), *Species Diversity* (GU course code: BIO090), *Drivers of Diversity* (GU course code: BIO090), *Artkunskap – Svenska djur* (GU course code: NBAB00).

Co-developed the course *Faunistik* (GU course code: BIO147) together with course leader.

Developed exercises on identification of birds in the field for *Ornitologi* (GU course code: BIO044).

Grants and rewards

2022

The Donation board scholarship for students at University of Gothenburg. Grant for attending an international conference, Vancouver, Canada. *10.000 SEK*

2019

Gustaf Adolf Bratts föreläsningsfond. Grant for bringing in an external speaker to the GGBC Annual Biodiversity Lecture, 2019. *172.000 SEK*

2018

Ragnar J:son Marks Premium Fund for successful students at undergraduate level, awarded relevant literature at the value of *1.900 SEK*.

The Donation board scholarship for students at University of Gothenburg, *10.000 SEK*

2016

Adlerbertska Stipend for travels at undergraduate level, *15.000 SEK*

SIDA Minor Field Studies travel grant, for projects in developing countries, *25.000 SEK*

Conferences and meetings

Gothenburg Global Biodiversity Centre - annual meeting 2022

Gothenburg, Sweden

Talk title – “Measuring the impact of changes in land use on biodiversity – utilising the massive data availability for birds”

2022-12-05

International Biogeography Society biannual meeting 2022

Vancouver, Canada

Talk title – “Birdlife range maps differ from statistically derived ones but not enough to alter conclusions on drivers of diversity”

2022-06-04

[EPHI - Ecology of Plant and Hummingbird Interaction](#), research meeting

Mindo Ecuador

Talk Title – “Barcoding for plant-hummingbird networks”

2019-02-11 – 2019-02-15

Systematikdagarna 2018

Lund, Sweden

Talk title – “IUCN range maps: how well do they match occurrence data in birds?”

2018-11-26 – 2018-11-27

Joint lab meeting for Antonelli Lab (University of Gothenburg), Edwards Lab (Harvard University) and Davies Lab (Harvard University).

Cambridge, United States

Talk title – “Comparing IUCN Range Maps with Occurrence data”

2018-05-14 – 2018-05-18

Publications (including pre-prints)

de Mestier A, Mulcahy D, Harris DJ, Korotkova N, Long S, Häffner E, Paton A, Schiller EK, Leliaert F, Mackenzie-Dodds J, Fulcher T, Stahls G, von Rintelen T, Martín MP, Lücking R, Williams C, Lyal CHC, Güntsch A, **Aronsson H**, Castelin M, Pielach A, Poczai P, Ruiz-León Y, Sanmartin Bastida I, Thines M, Droege G (2023) Policies Handbook on Using Molecular Collections. Research Ideas and Outcomes 9: e102908.

<https://doi.org/10.3897/rio.9.e102908>

Zizka, A., Rydén, O., Edler, D., Klein, J., **Aronsson, H.**, Perrigo, A., ... & Antonelli, A. (2020). [Exploring the impact of political regimes on biodiversity](#). *V-Dem working paper*.

[Google scholar profile](#)