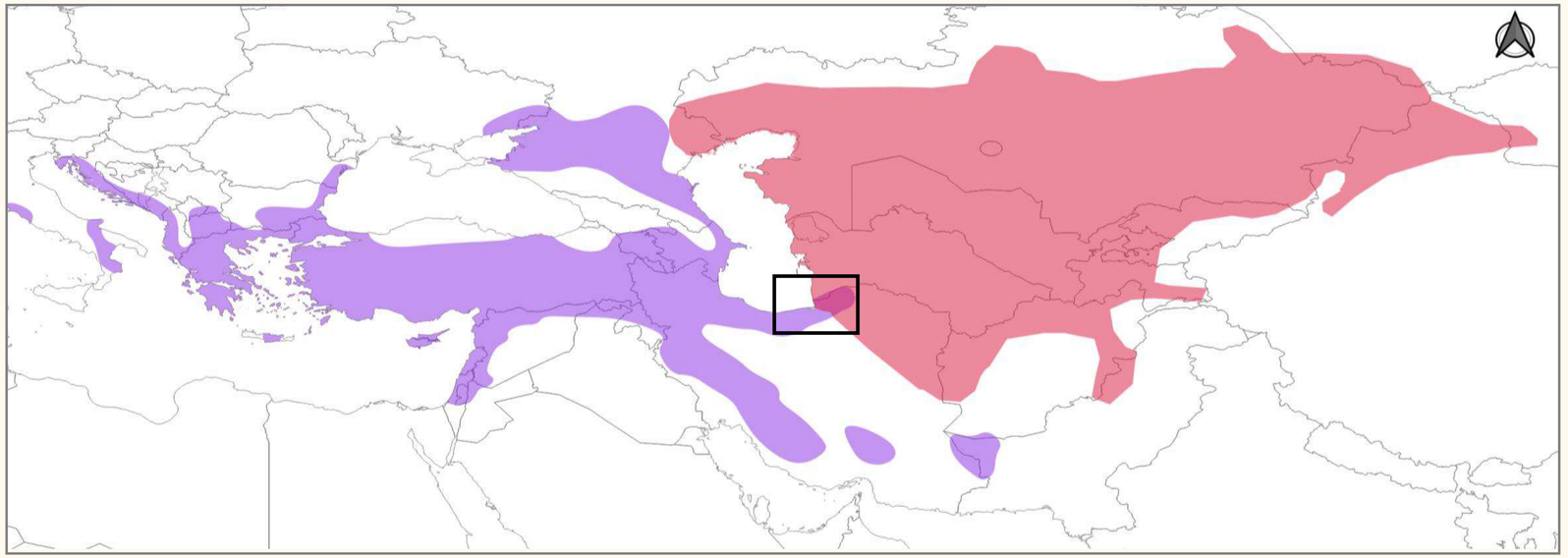
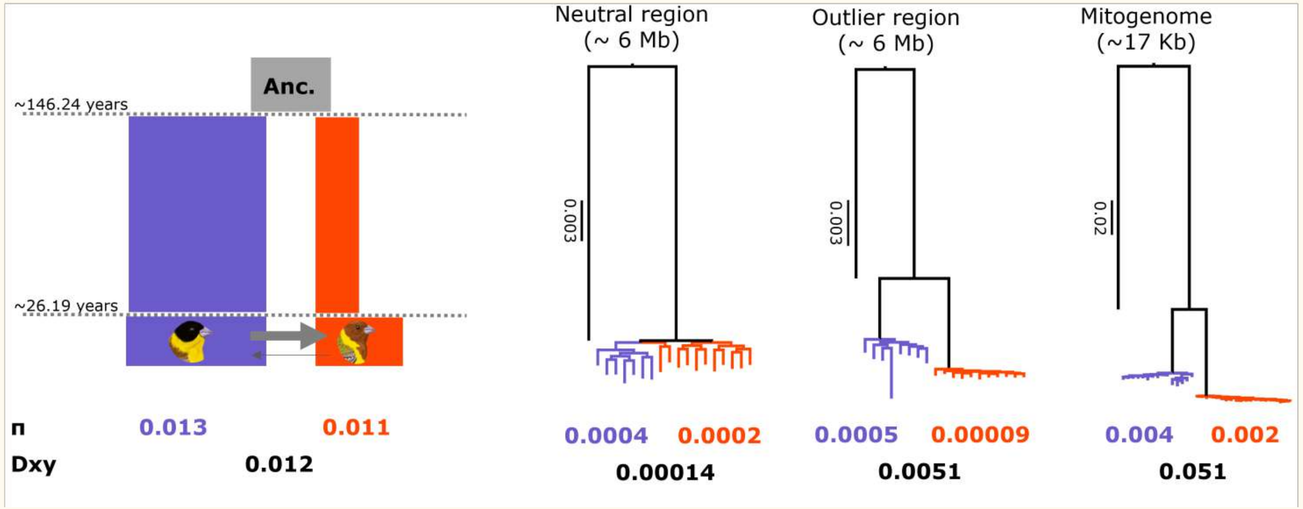
Participant introduction

Niloofar Alaei

NATURKUNDE
MUSEUM
STUTTGART





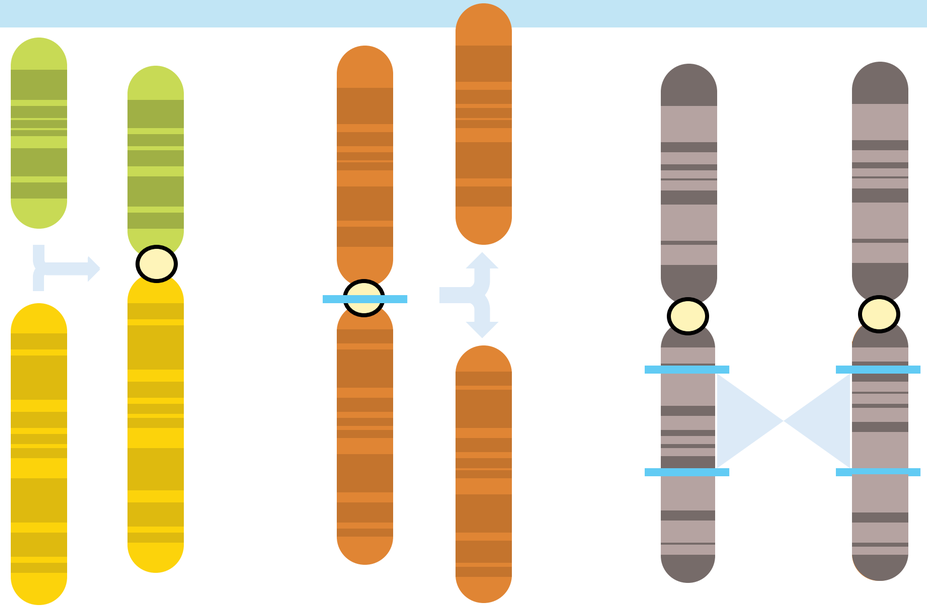
Hannah Augustijnen

Postdoc, Flatt Lab, University of Fribourg, Switzerland

Evolutionary biologist

PhD (University of Basel):

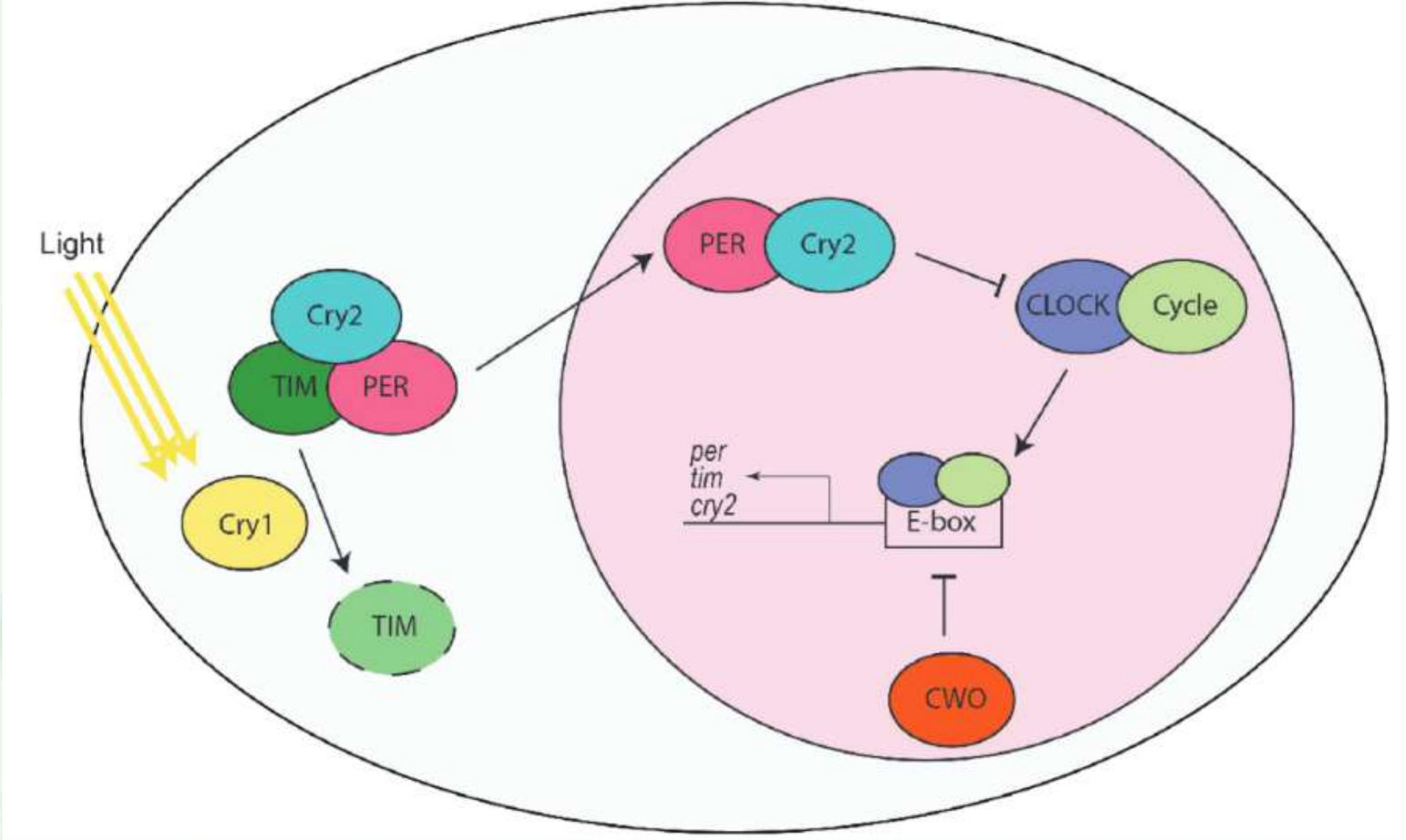
- Speciation in *Erebia* butterflies.
- Focus on chromosomal rearrangements (fusions and fissions).



Current research:

- Investigating adaptive inversion polymorphisms in the ancestral range of the fruit fly *Drosophila melanogaster* in Africa.

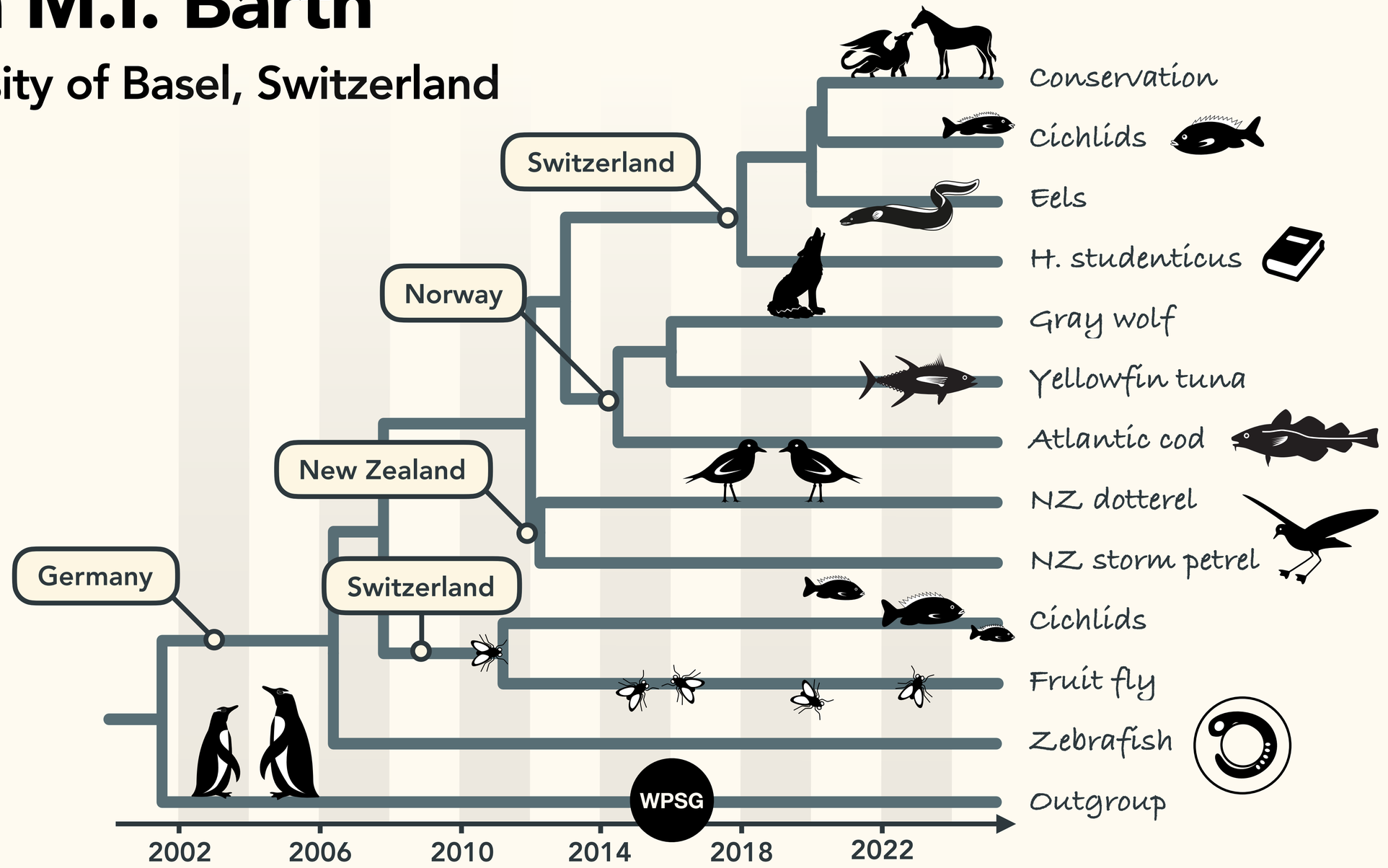
What is the adaptive nature of inversion polymorphisms and what are the mechanisms of (balancing) selection that maintain them?



- Saurav Baral
- Postdoc, Stockholm University
- Evolution of Clock genes in Butterflies

Julia M.I. Barth

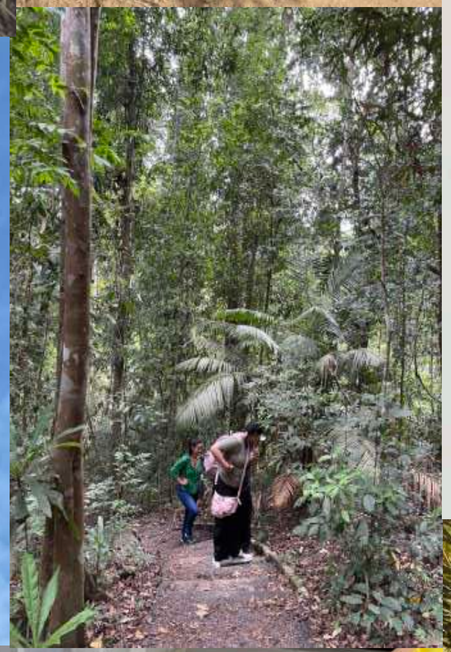
University of Basel, Switzerland

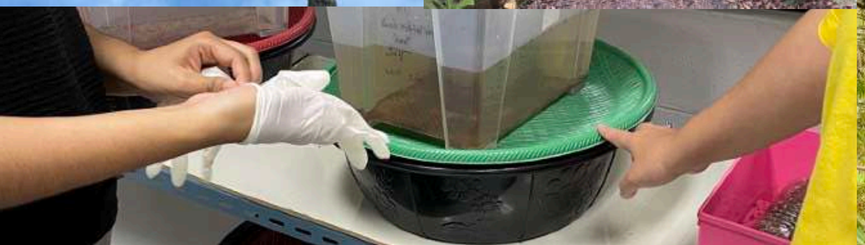


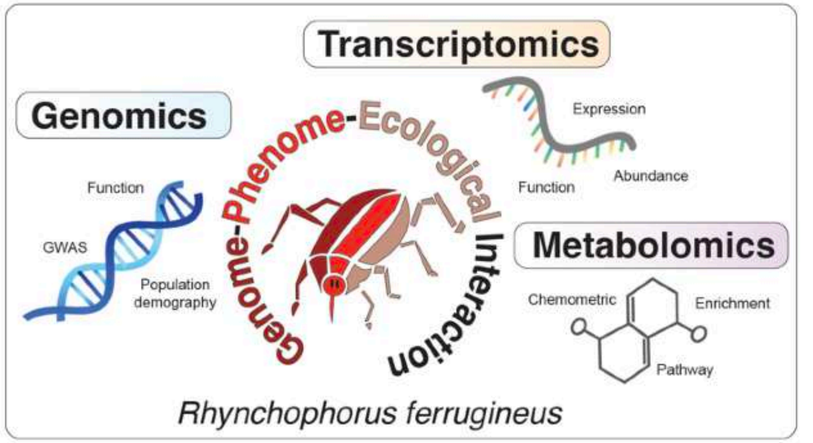
Population Multi-omics exploration with Red Palm Weevil

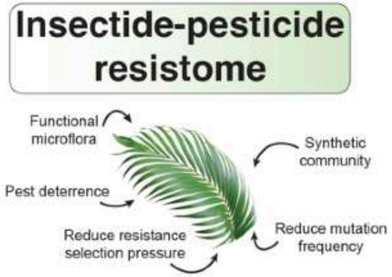
جامعة نيويورك ابوظبي
NYU | ABU DHABI

Dr. Neelu Begum (Post Doc)
Human Microbiome
South London Bred





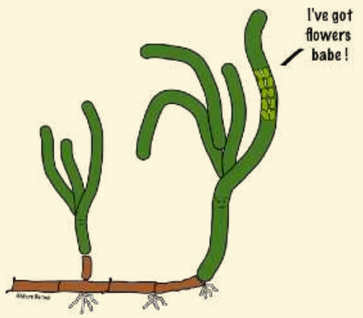




Scaling up eelgrass restoration for coastal biodiversity: A framework for climate-adaptive management

My research focuses on evaluating genomic tools and developing frameworks to enhance seagrass resilience to climate change.

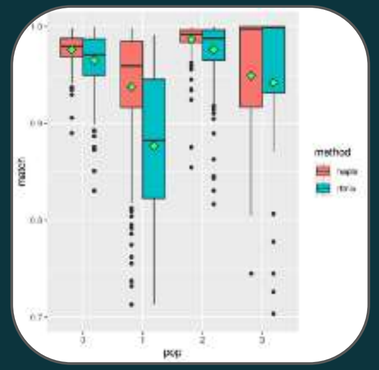
SEAGRASS, NOT SEAWEED !

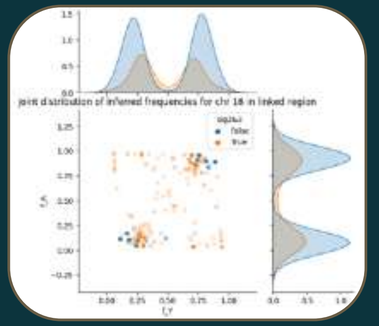


Maru Bernal - University of Gothenburg

maru.bernal@gu.se

Thomas Bøggild -
Research assistant @ University of Copenhagen

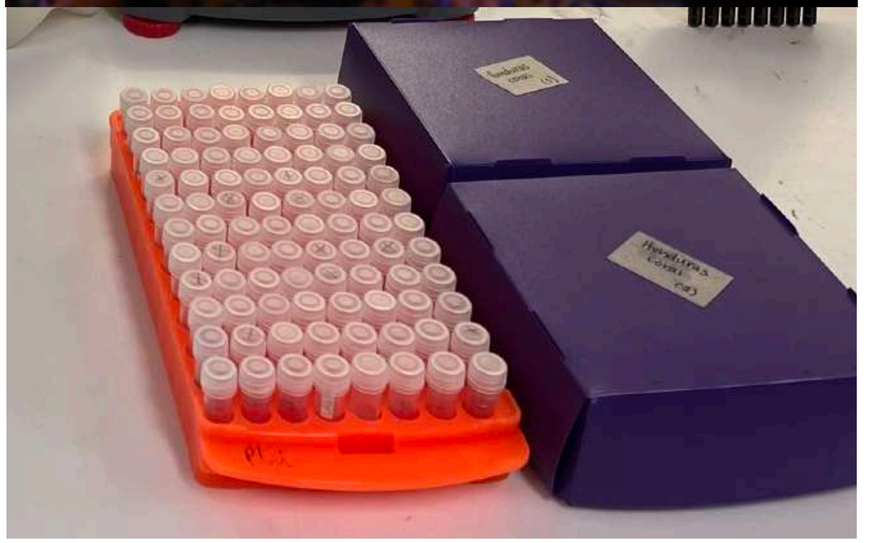




$$P(C_{j+1:W}|Z_j) = \sum_{Z_{j+1}}^{K} P(C_{j+1:W}, Z_{j+1}|Z_j) = \sum_{Z_{j+1}}^{K} P(C_{j+1}|Z_{j+1})P(Z_{j+1}|Z_j)P(C_{j+2:W}|Z_{j+1}) \tag{11}$$

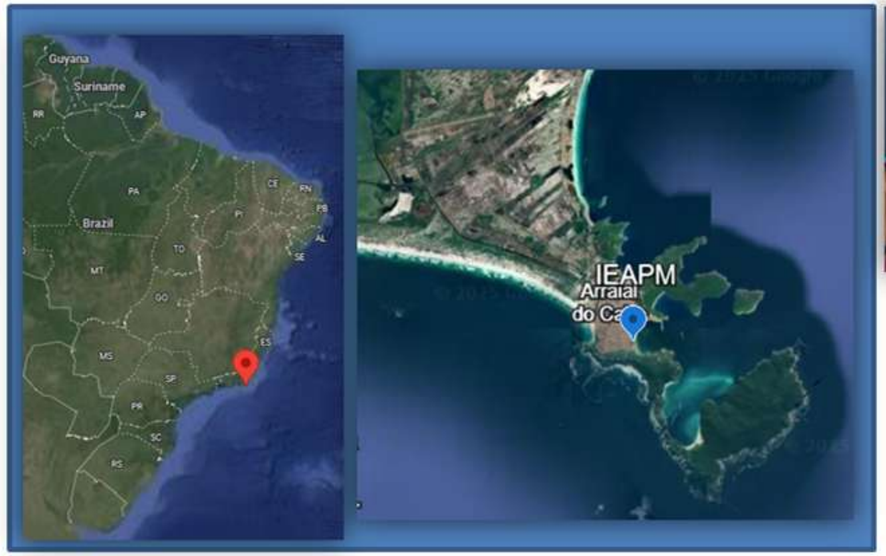
Ilha Byrne

The University of Queensland



Dr. Sávio Calazans

saviocalazans@gmail.com

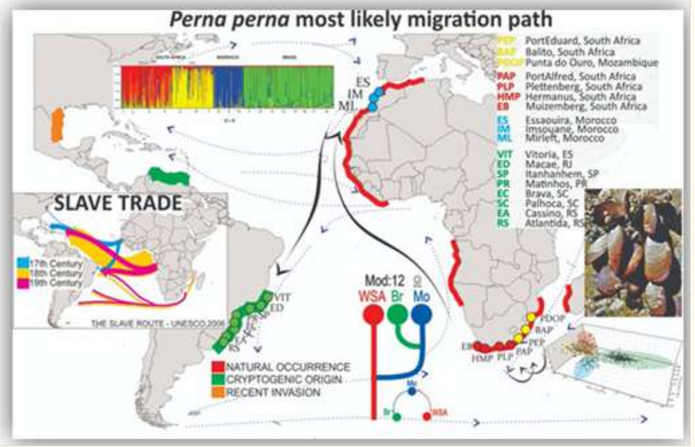


IEAPM

Brazil

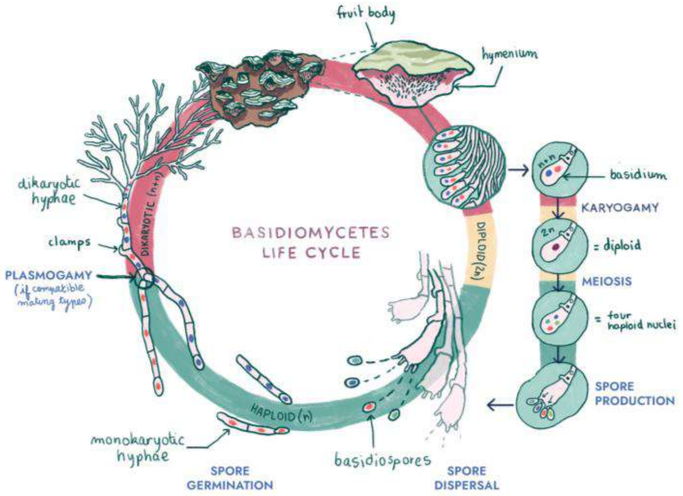
Field:

- Marine Biology / Bioinvasion / Phylogeography

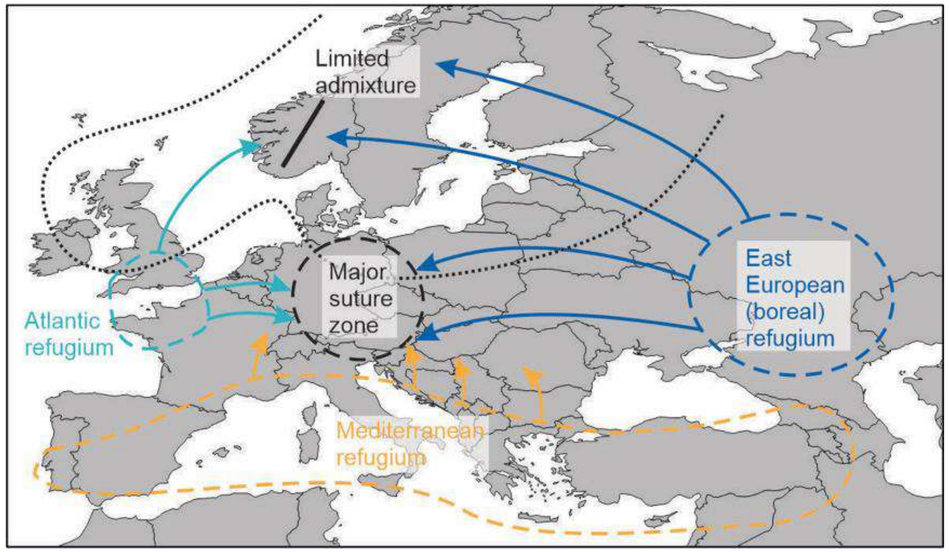


Michelle Vera Castellanos

MsC in Ecology and Evolution.
Universitetet I Oslo.



Trichaptum abietinum



Interest

- Population genomics
- Biogeography
- Phylogenomics
- Hibridization and speciation in fungi
- Genomic incompatibilities and mating barriers in fungi

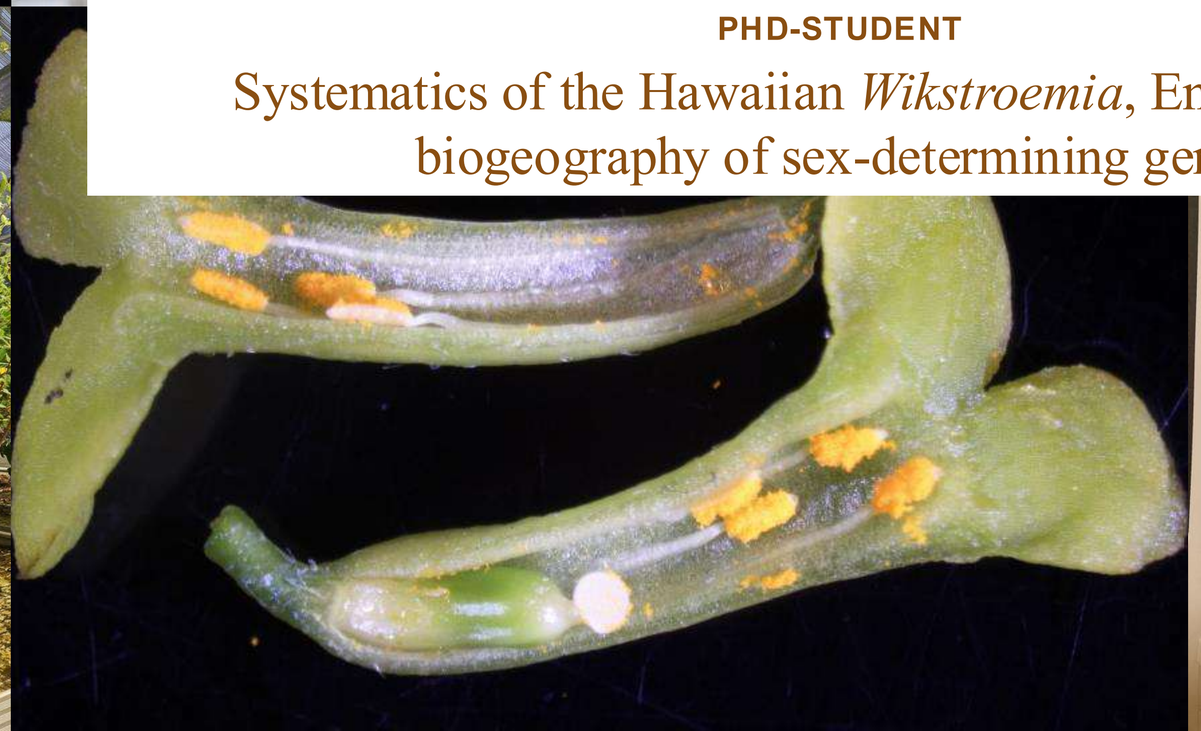
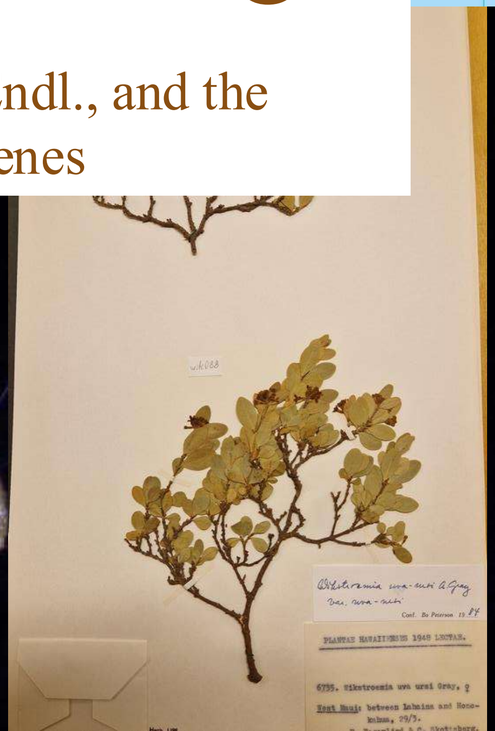
@_MitchVera
michelvc@uio.no




Ruben Cousins Westerberg

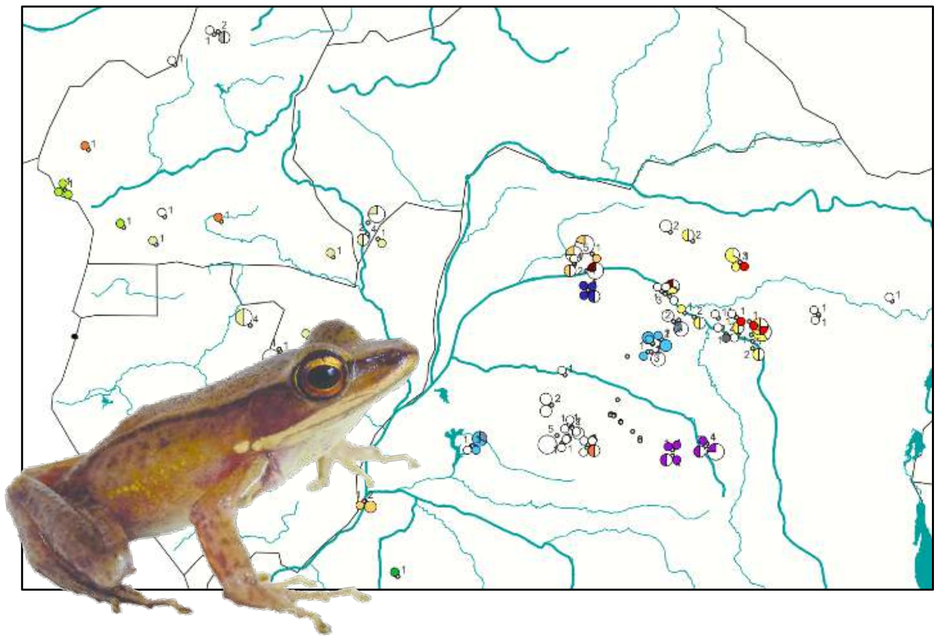
PHD-STUDENT

Systematics of the Hawaiian *Wikstroemia*, Endl., and the biogeography of sex-determining genes

PhD topic: Phylogeography, evolutionary history and taxonomy of frogs from the Congolian forests

Janis Czurda[1,2]
Supervisor: Václav Gvoždík
[1]Institute of Vertebrate Biology (CAS)
[2]Masaryk University



Nauras Daraghmeh

PhD student

University of Gothenburg, Sweden

University of Gothenburg
Sweden

University of Bremen
Germany

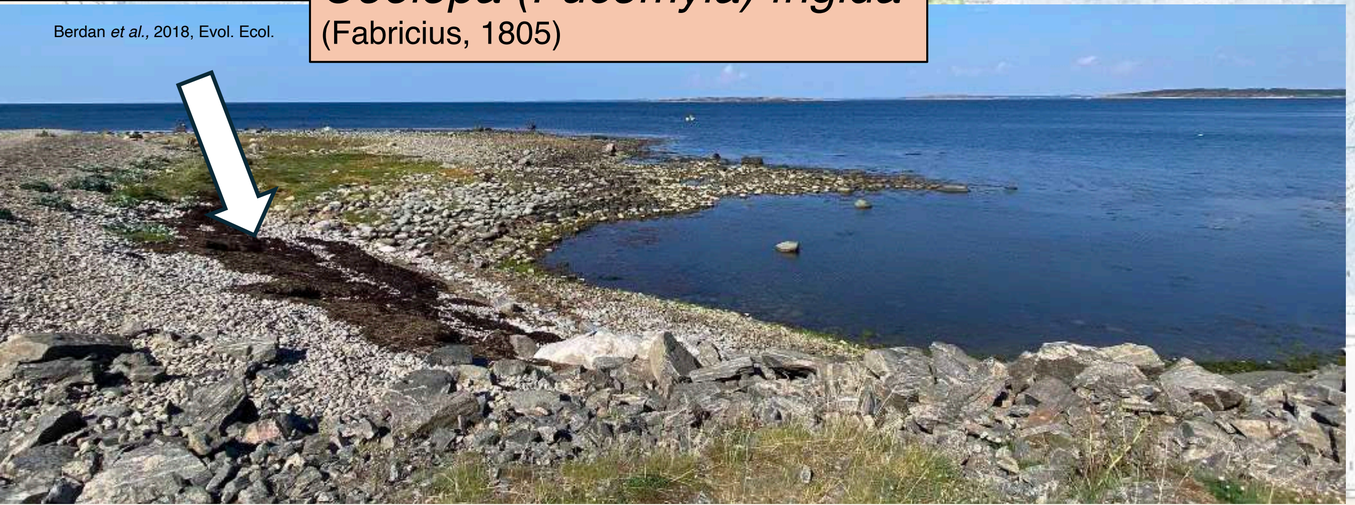
University of Technology Dresden
Germany

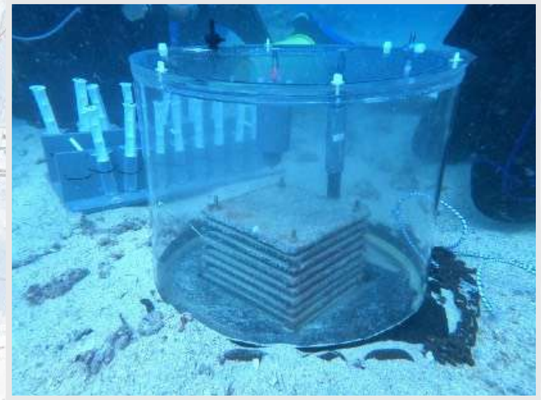
KAUST
Saudi Arabia

Chromosomal inversions in seaweed flies

Seaweed (or kelp) fly
Coelopa (Fucomyia) frigida
(Fabricius, 1805)

Berdan *et al.*, 2018, Evol. Ecol.





Frasella De Martino Fonseca

MSc. Student, University of Oslo, Norway

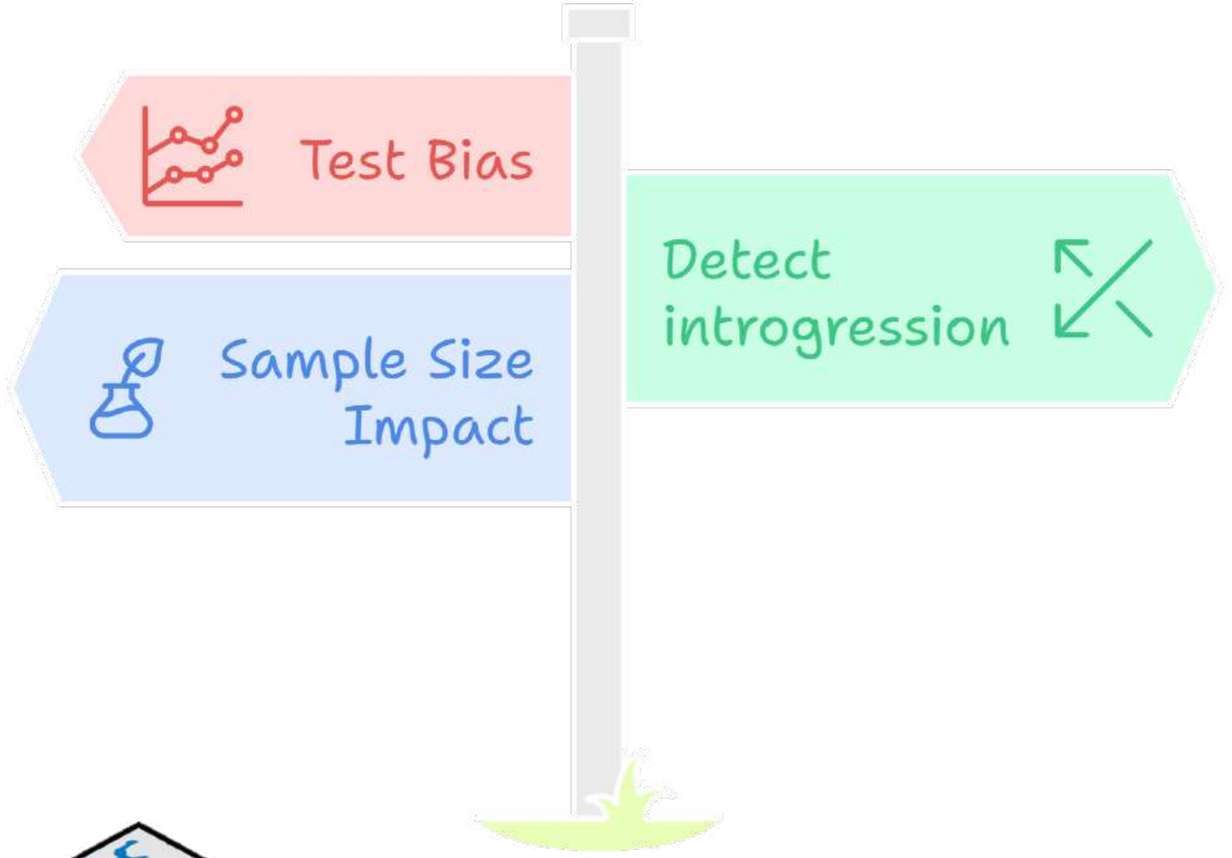
UNIVERSITY OF OSLO

BiGTREE

fraselld@uio.no

@Frasella_

How do bottlenecks and sample size affect hybridization tests??



slendr

ms prime

R Studio

I AM VIOLET, LIKE THE BACKGROUND BUT WITH DOUBLE T VIOLETTE

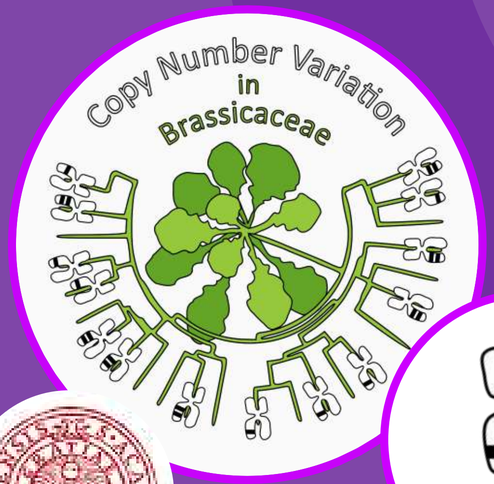
My actual surname — My first name

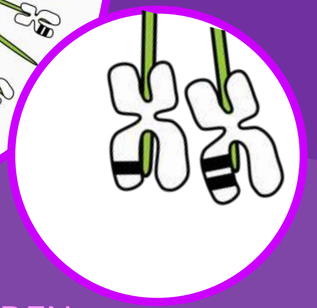
PhD
- Forest Ecology
  - Population genetics

Montpellier, FRANCE

Doublet Violette
Kolář lab - Plant ecological genomics
Charles University, Prague CZECHIA

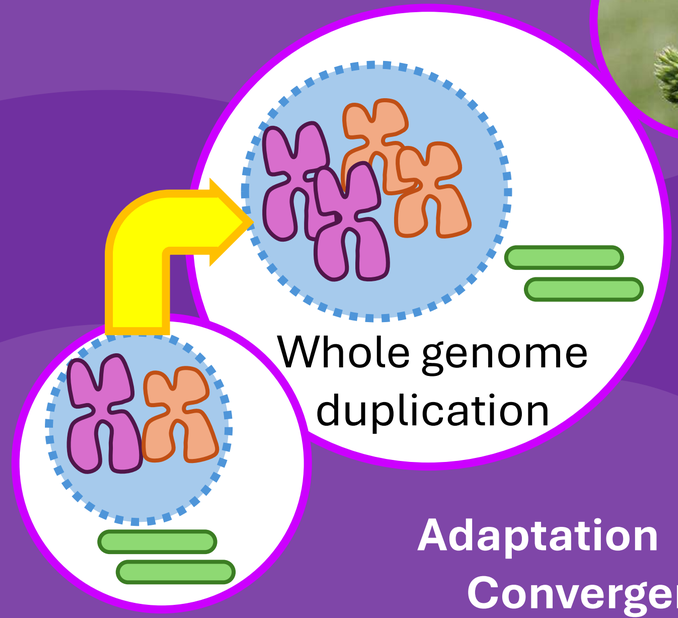
2nd current Postdoc
- **Genome** duplication
  - Comparative genetics





1ST Postdoc
- **Gene** duplication
  - Comparative genetics

Uppsala, SWEDEN



Adaptation
Convergence

Sebastiano Fava

sebastiano.fava@iusspavia.it

Department of Life and Environmental Sciences,
Polytechnic University of Marche, Italy

PhD Project:

Unveiling the genomic drivers of postglacial range expansion dynamics and evolutionary adaptations in the Italian endemic amphibian, ***Bombina pachypus***

Side project:

Explore the genomic insights into the population dynamics and genetic load of the endemic butterfly, ***Hipparchia sbordonii***, from the Pontine Islands

UNIVERSITÀ POLITECNICA DELLE MARCHE

IUSS Scuola Universitaria Superiore Pavia

PhD SDC EARTH SYSTEM AND ENVIRONMENT

Alice Fornasiero

UNIVERSITÀ DEGLI STUDI DI UDINE

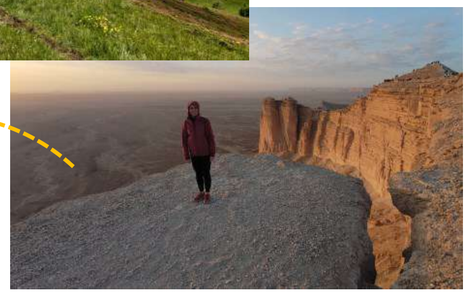
IGA ISTITUTO DI GENOMICA APPLICATA

PhD at the University of Udine
(Prof. Michele Morgante)

جامعة الملك عبدالله للعلوم والتقنية
King Abdullah University of Science and Technology

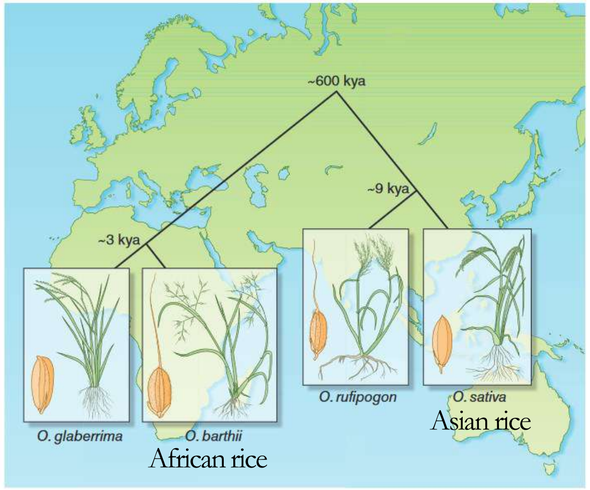
Postdoc in the Prof. Rod Wing Lab

Dolomites, Italy

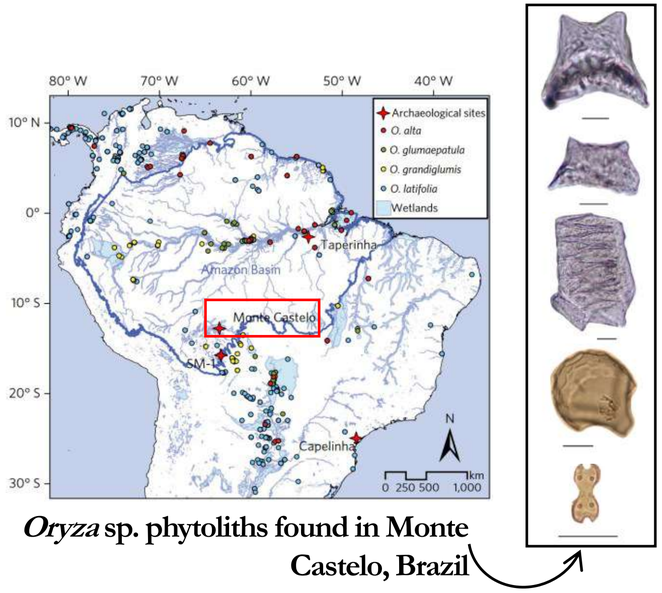


Edge of the World, Riyadh

Was there a third cradle of rice (*Oryza* sp.) domestication in the Americas?



Purugganan MD. *Nat Genet.* 2014



***Oryza* sp. phytoliths found in Monte Castelo, Brazil**

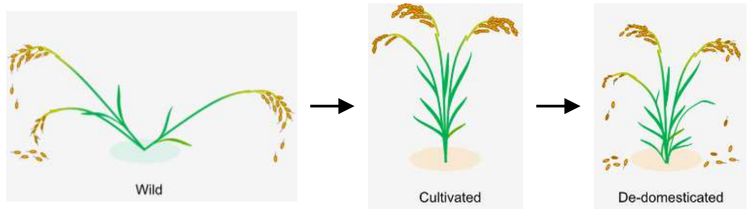
Hilbert L et al. *Nat Ecol Evol.* 2017

***O. glumipatula* type specimen**
Collected by FW Hostmann in 1840
Described as cultivated in Surinam

Is *O. glumipatula* a recent escape from an introduced rice?

b-womeninamericanhistory19.blogspot.com

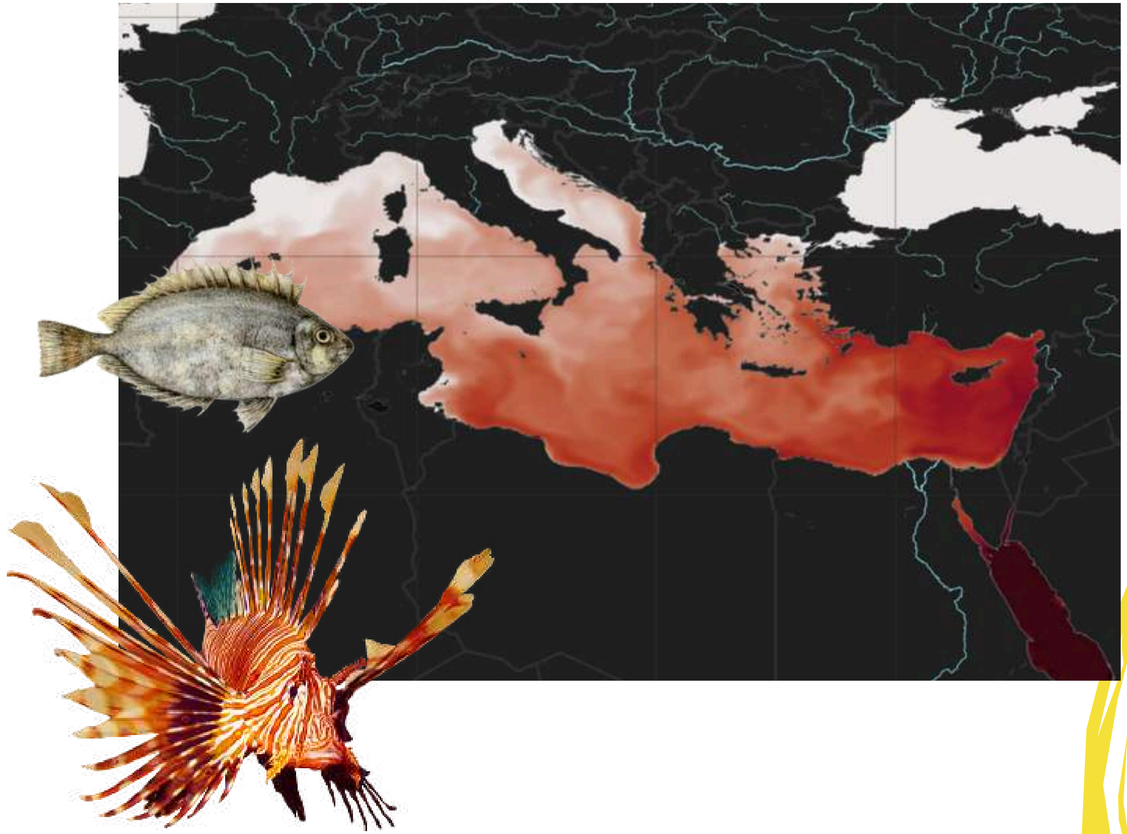
Rice cultivation in the Americas by enslaved Africans (16th - 19th century)

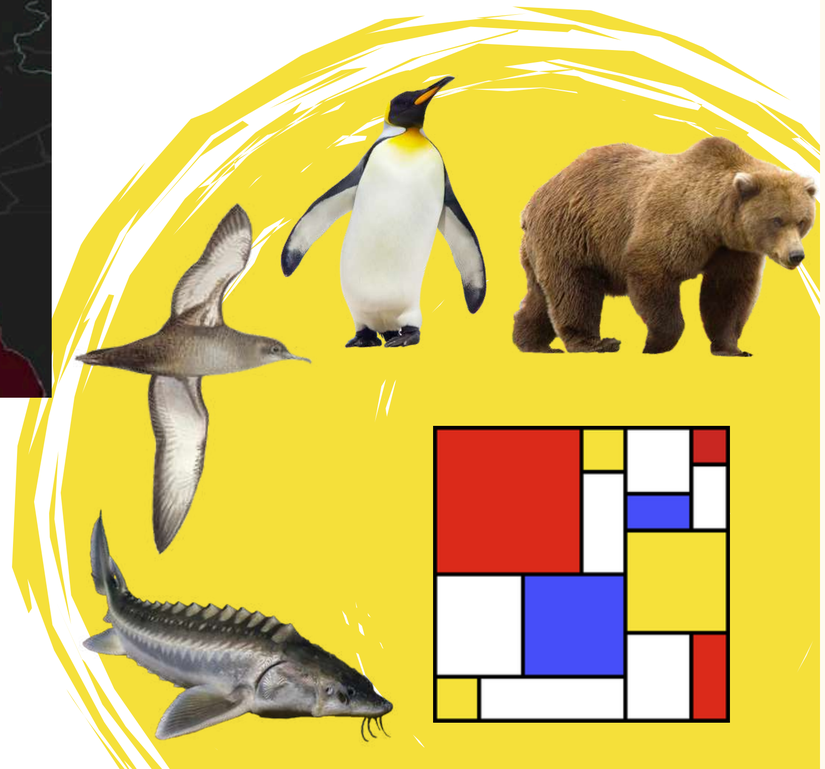


Wu D, Lao S, Fan L. *Trends Plant Sci.* 2021.

Francesco Giannelli

PhD student - Marche Polytecnic University





The Population Genetics and Short-Term Evolution of the Zebra Finch Germline-Restricted Chromosome (GRC)

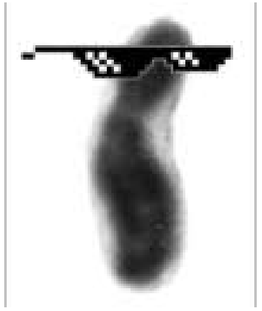
Diana C. González

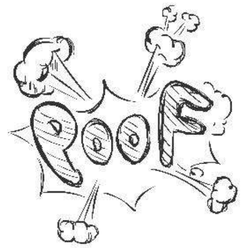
PhD student

Molecular Biodiversity research group

email: d.gonzalez@leibniz-lib.de

Taeniopygia guttata





LIB Leibniz-Institut zur Analyse des Biodiversitätswandels

MUSEUM KOENIG BONN

UNIVERSITÄT BONN

UNIVERSIDAD COMPLUTENSE MADRID

Carlota Gracia Sancha PhD student

Museo Nacional de Ciencias Naturales

mncn museonacionaldecienciasnaturales

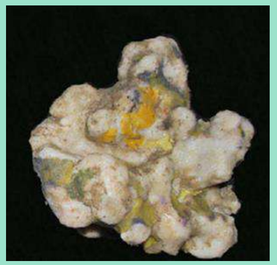
Integrating genetic connectivity and adaptation in deep-sea Atlanto-Mediterranean benthic invertebrates for conservation purposes

Porifera and Annelida

Phakellia ventilabrum

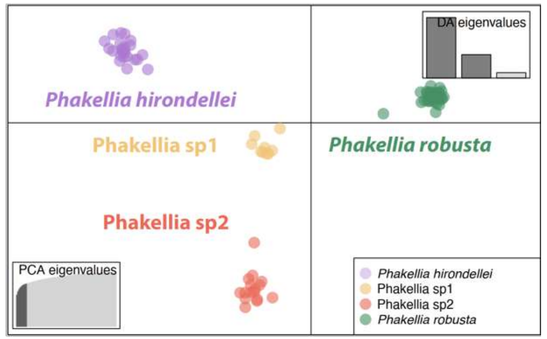
Phakellia robusta

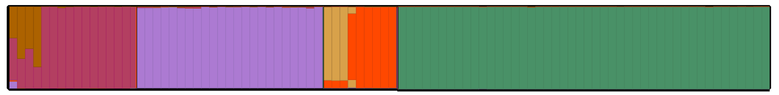
Pachastrella ovisternata



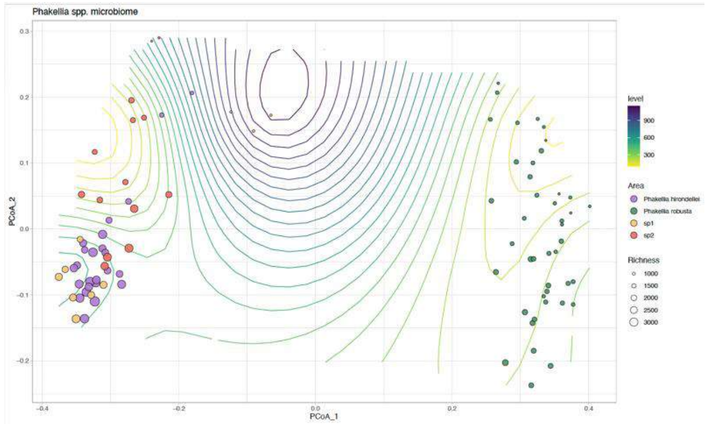
Eunice norvegica

Genetic Connectivity





Microbiome



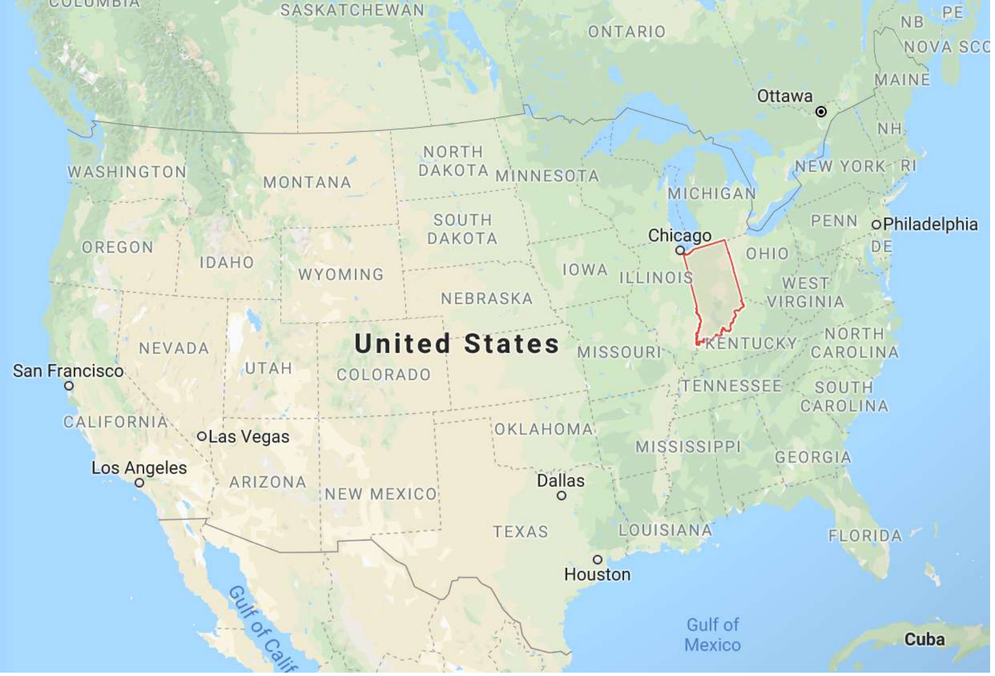
OBJECTIVES

1. Genetic diversity and connectivity
2. Migration patterns
3. Adaptative potential
   - Environmental factors
   - Microbiome
4. Protected area design and management

Research group

Department of Biodiversity and Evolutionary Biology

Riesgo & Taboada Lab



Matthew Hahn

mwh@iu.edu

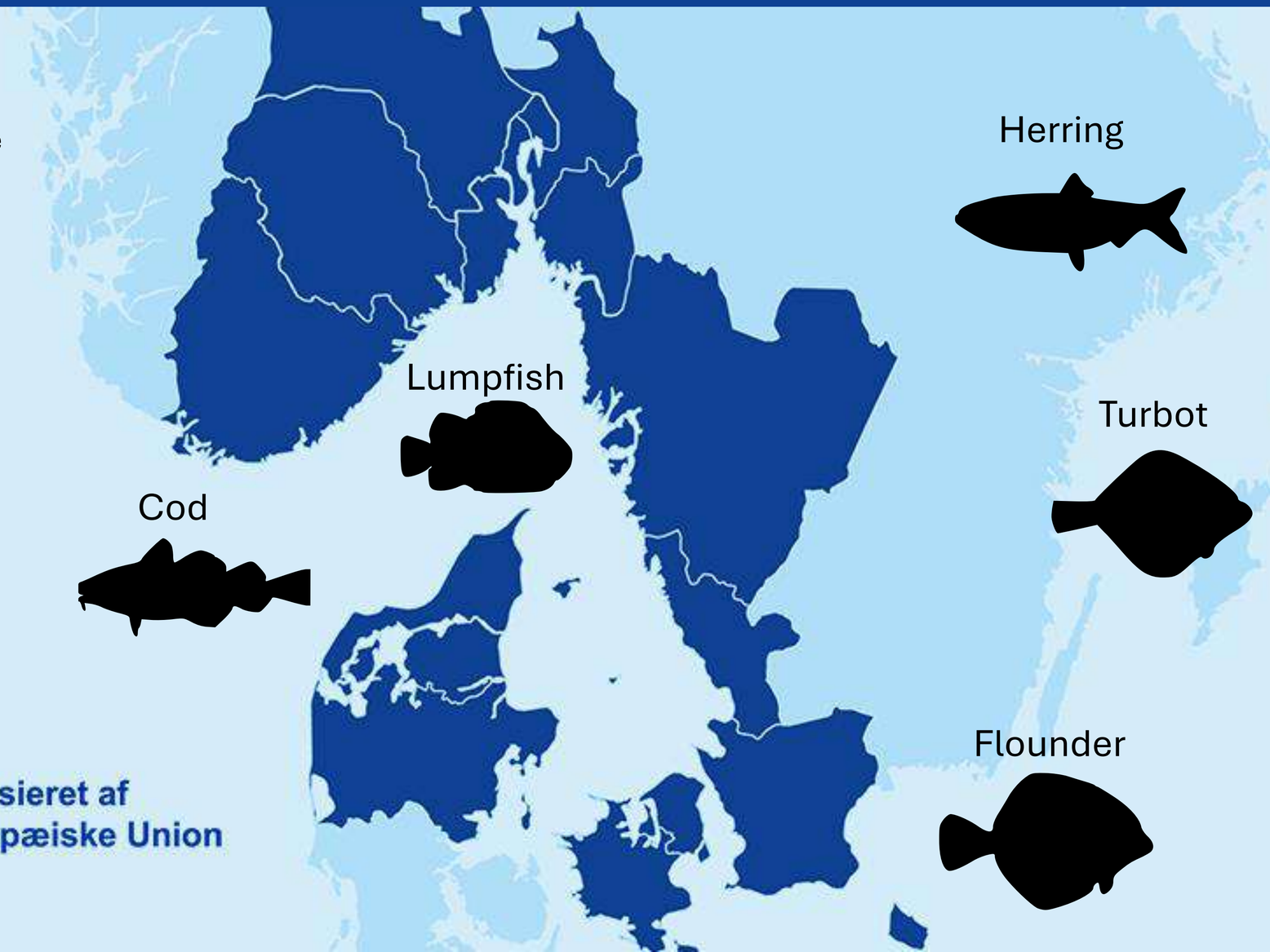
@3rdreviewer

Climate Change Population Genomics

Danny Hancock, PhD Student

DTU Danmarks Tekniske Universitet

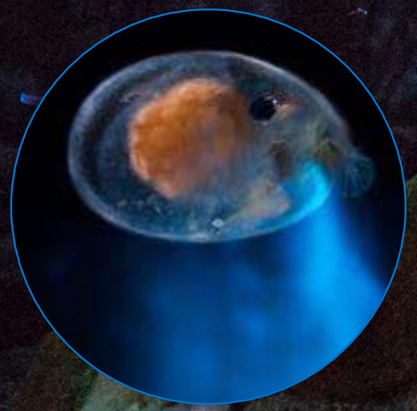
- Evaluating vulnerability to climate change in marine species in the North Sea – Baltic Sea transition zone
  - Steep salinity gradient
- Genetically Informed Ecological Niche Modelling (gENM)
  - Population specific responses
- Genetic Vulnerability
  - Diversity, inbreeding, genetic load, genetic offsets
- Comparative Population Genomics
  - Structural variation, parallel adaptation



Interreg

Medfinansieret af Den Europæiske Union

Öresund-Kattegat-Skagerrak



Nicholai M. Hensley
Goes by Niko (he/him)
University of Cambridge

@nikohensley.bsky.social
nikohensley@gmail.com

Kyle McBurnie; Elliot Lowndres

- Repeatability of natural selection
- Sustainability Education

MK Hickox

PhD Candidate
McGill University, Montreal, Canada
PI: Dr. Rowan Barrett + Dr. Andrew Hendry

Sophia Hurtado-Solano

Student of MSc. Biosciences – Ecology & Evolution

University of Oslo, Norway

sophiahs@uio.no

Masters thesis: Epigenetic potential and distribution propensity in Eurasian Passer sparrows

UiO : University of Oslo

Stella HUYNH
Charles University, CZ

Once upon a time…

AI generated

*the little **Stella** decided to go on an adventure !*

2014

PhD

Phylogeography of allopolyploid wild wheats and of their transposable elements

- phylogeny
- comparative genomics
- niche modeling

2019

Postdoc

Conservation genomics of endangered birds

- demographic modeling
- inbreeding, genetic load
- metabarcoding

2021

Postdoc

Role of domestication as barrier to gene flow

- comparative genomics
- structural variants
- genetic load

2024

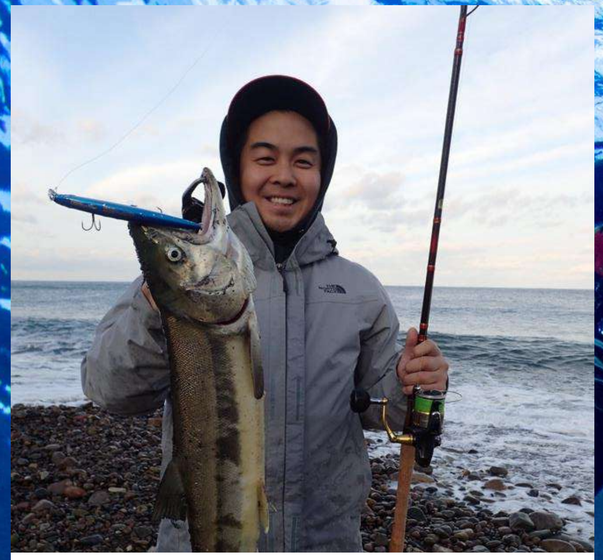
Postdoc

Early adaptation to polyploidy *per se*

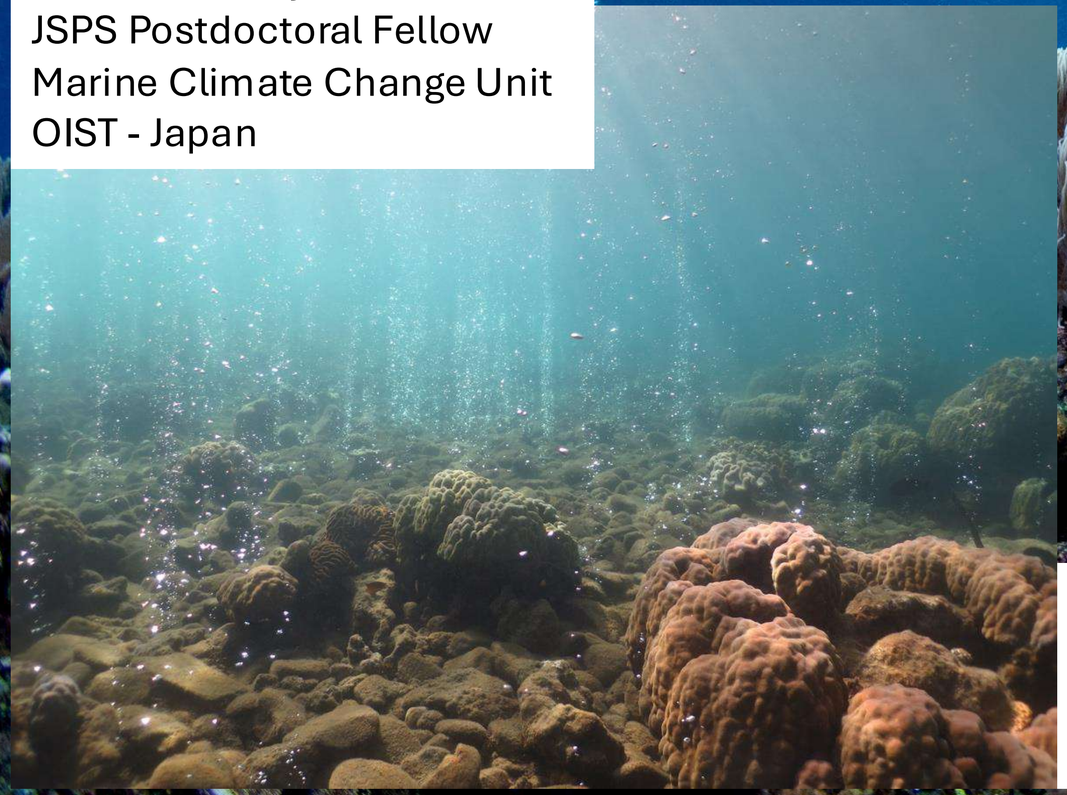
- pangenomics
- selection scans
- role of meiosis

senior PI ?

AI generated



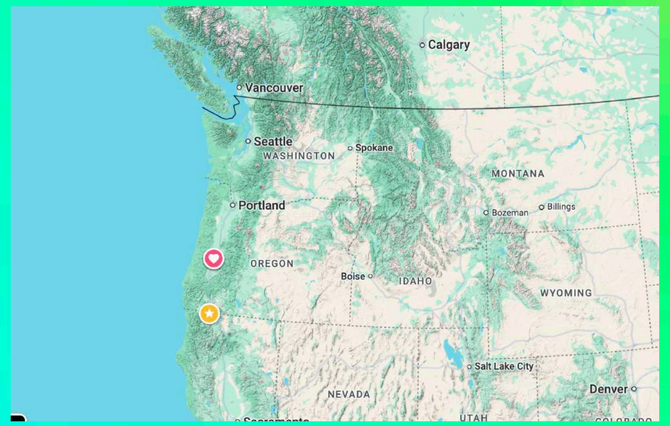
Michael Izumiyama
JSPS Postdoctoral Fellow
Marine Climate Change Unit
OIST - Japan

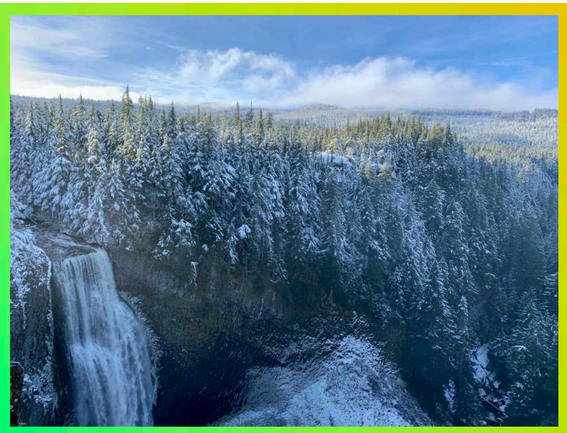


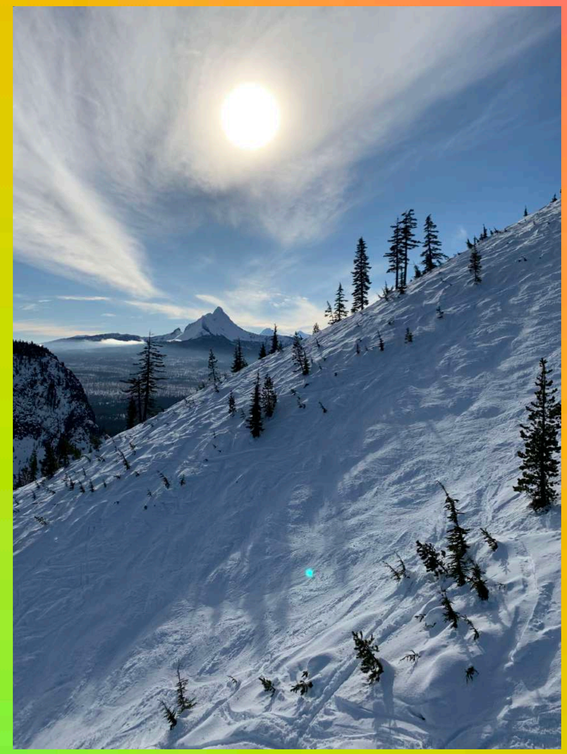
MARINE CLIMATE CHANGE UNIT
OIST

JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE
FOUNDED 1932

OIST OKINAWA INSTITUTE OF SCIENCE AND TECHNOLOGY







ANDY KERN

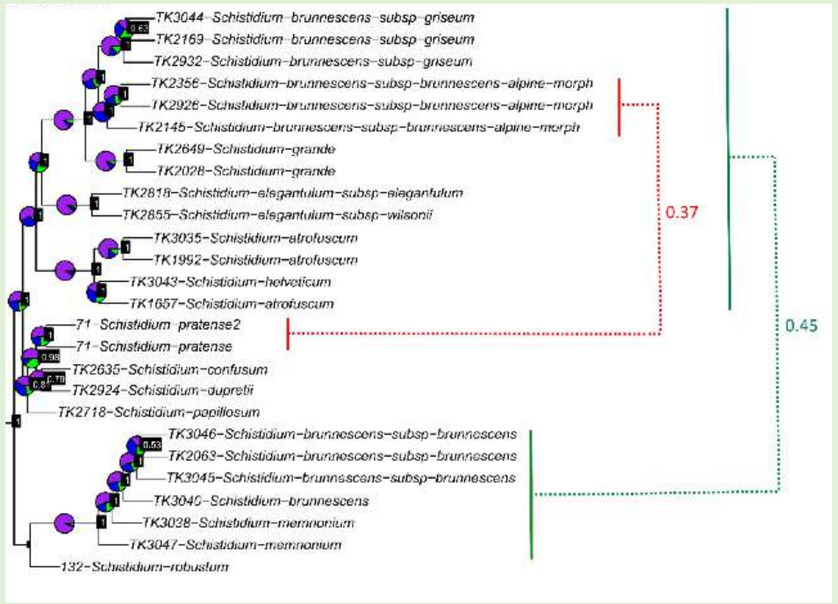
UNIVERSITY OF OREGON

THOMAS KIEBACHER

Germany, Switzerland, Austria, Italy

NATURAL HISTORY MUSEUM STUTTGART

Diversity and evolution in the pioneer plant genus *Schistidium*

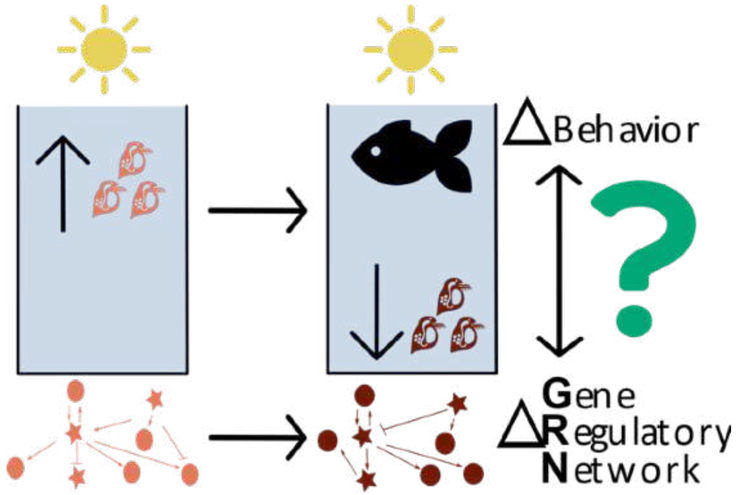


-> Hybridisation, Adaptation

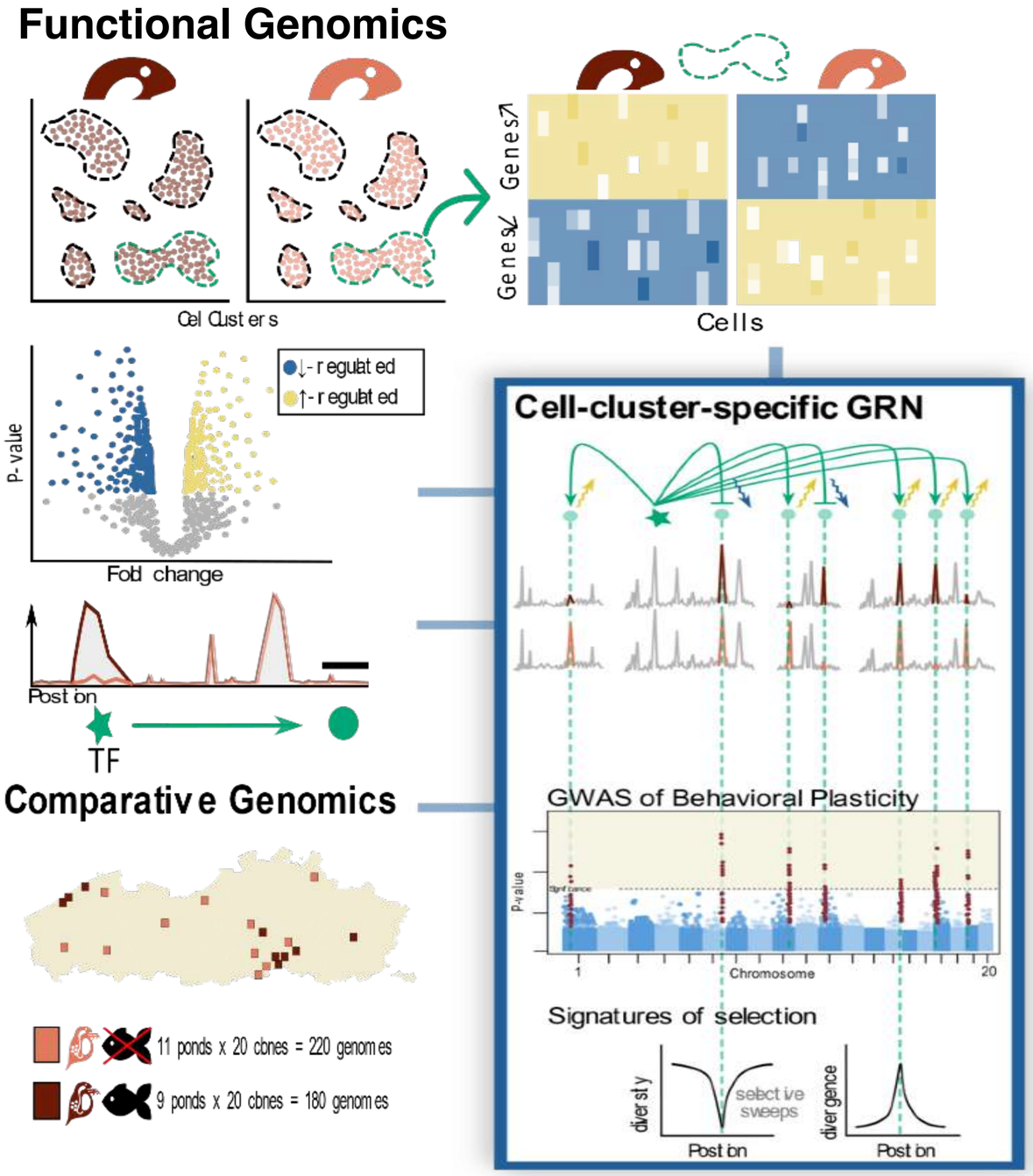
Target capture, WGS, ddRAD

Investigating the Gene Regulatory Networks (GRN) of Behavioral Plasticity in *Daphnia magna*

- Aaron Kiggen KU Leuven Belgium



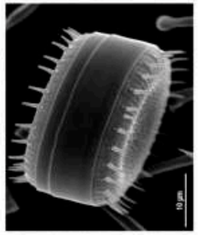
- How do environmental cues, such as fish kairomones, drive **changes in GRNs**, leading to behavioral plasticity?
- How do these GRNs vary between genotypes of varying behavioral responses i.e. what is the **regulatory variation behind phenotypic variation**?
- Are the genes and genomic regions involved in behavioral plasticity also **evolving**, and what are the mechanisms driving this evolution?

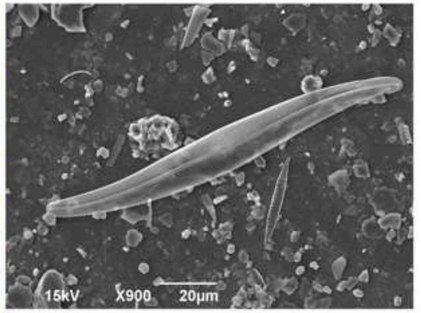


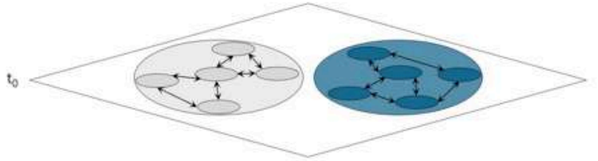
DiCE

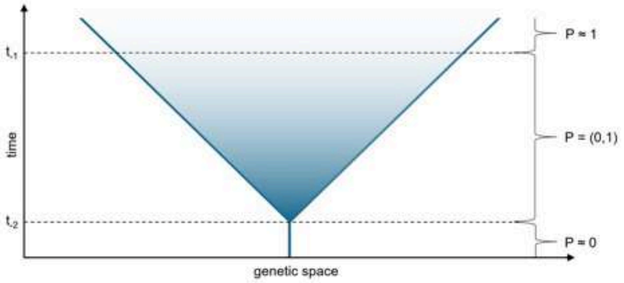
Diatoms in Cryospheric Ecosystems

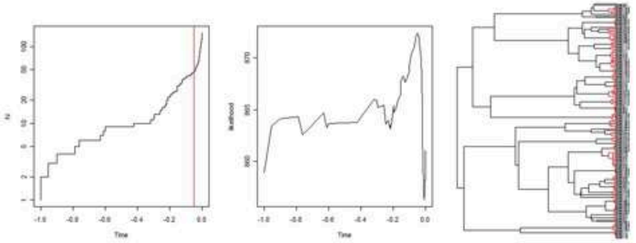
Research Group at Charles University in Prague

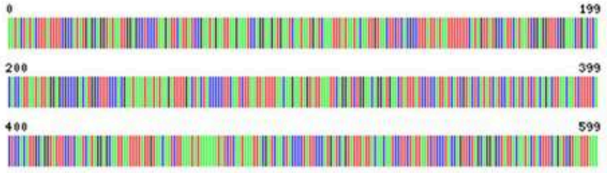












Tyler J. Kohler

group leader

Katerina Kopalová

group leader

Jan Kollár

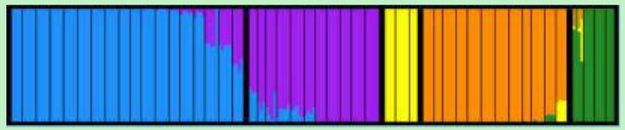
postdoc

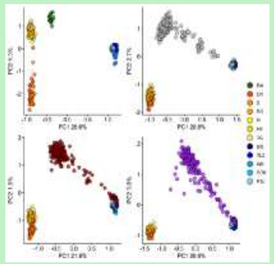
MSc. Jan Kollár, Ph.D. (jan.kollar.phd@gmail.com), DiCE lab, Department of Ecology, Charles University, Prague, Czech Republic

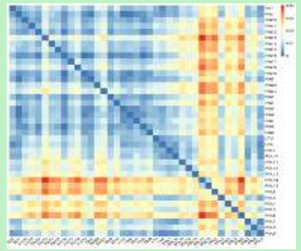
Bartosz Łabiszak

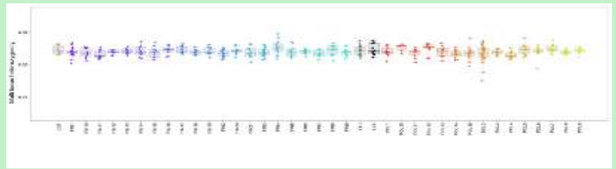
Department of Plant Ecology and Environmental Protection

Conservation geneticts and population management

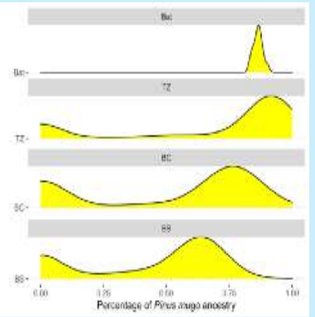


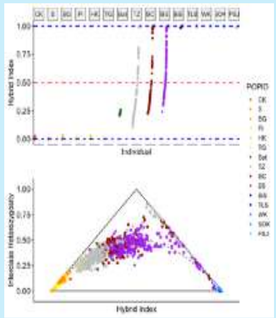


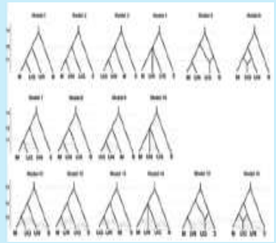




Speciation with gene flow in trees



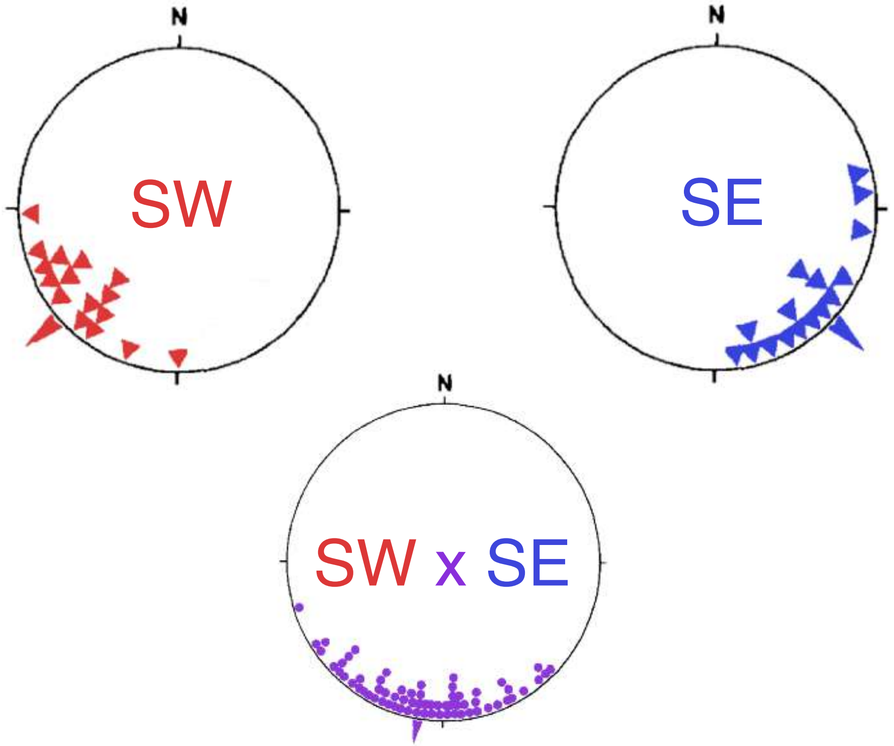


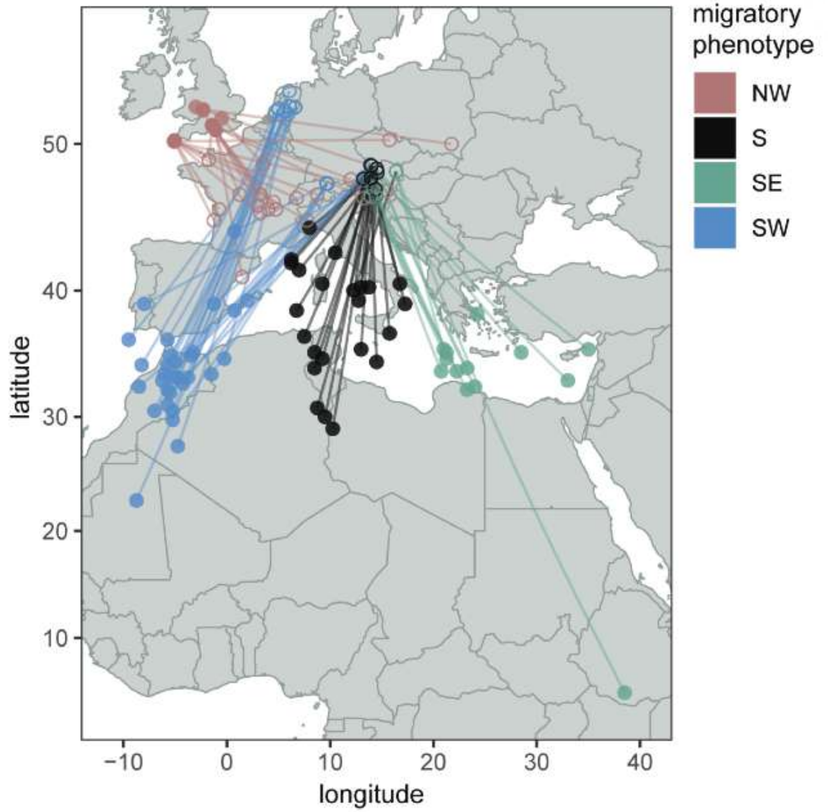


Genetics of migratory direction

Georg Langebrake

Institute of avian research "Vogelwarte Helgoland"
Wilhelmshaven

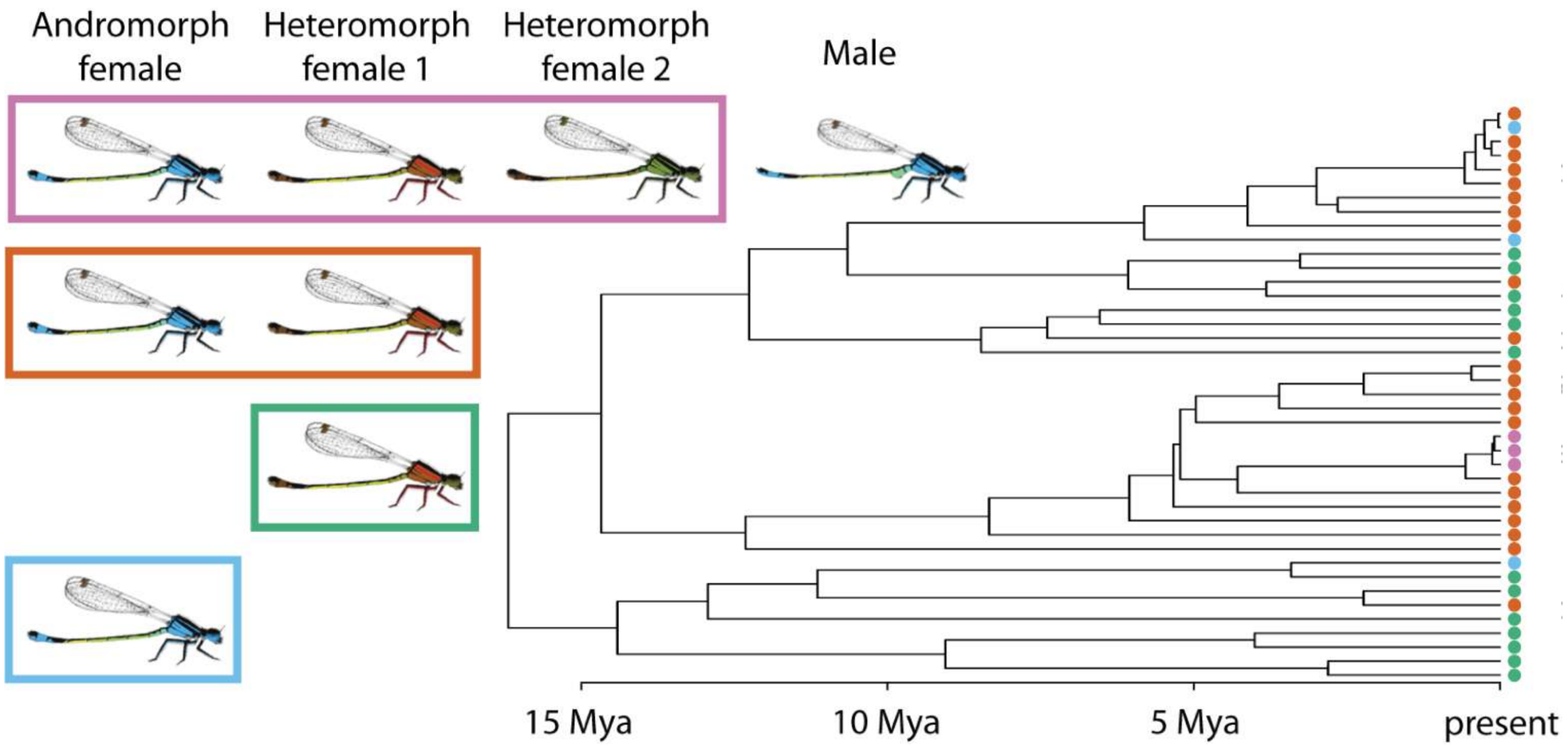




Helbig, A. J. (1990) Inheritance of migratory direction in a bird species: a cross-breeding experiment with SE- and SW-migrating blackcaps (*Sylvia atricapilla*).
Delmore, K., Van Doren, B. M., Ullrich, K., Curk, T., van der Jeugd, H. P., Liedvogel, M. (2023) Structural genomic variation and migratory behavior in a

Guillaume Lavanchy

Lund University, Sweden



Evolution of Chirality and Colour in Snails

Alec Lewis: PhD Student, University of Nottingham

Professor Angus Davison,
School of Life Sciences,
University of Nottingham

@aleclewis_bio

BISHOP MUSEUM

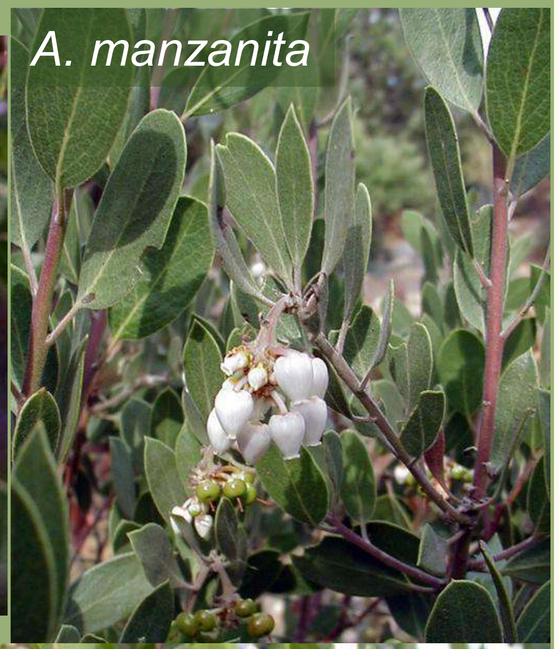
Biotechnology and Biological Sciences Research Council

JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE
日本学術振興会

TOHOKU UNIVERSITY

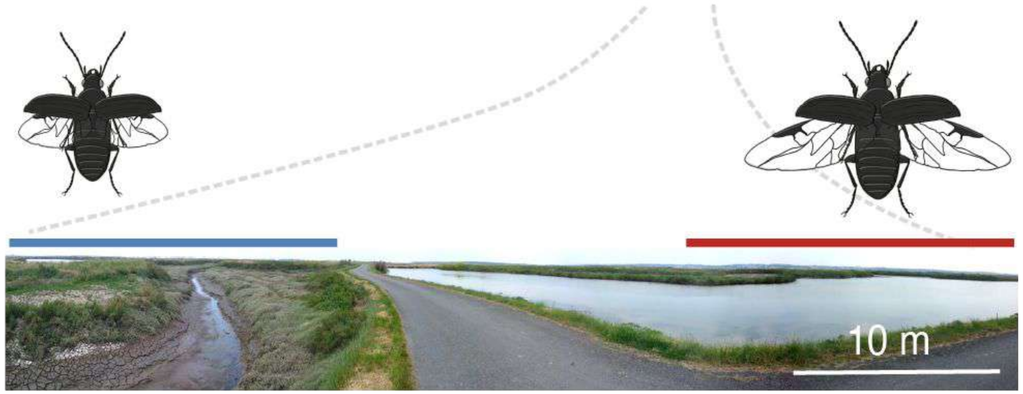
How many manzanitas are there? (*Arctostaphylos* spp.)

Amy Litt, University of California, Riverside USA
amylitt@ucr.edu



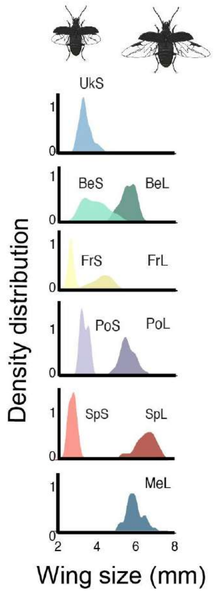
Maria A. Madrid-Restrepo, Eco-Evolutionary Genomics Lab (with Prof. Steven Van Belleghem)

KU LEUVEN



Pogonus chalceus, wing-polymorphic tidal and seasonal ecotypes

Genomics, bioinformatics, population genetics, adaptation, speciation…



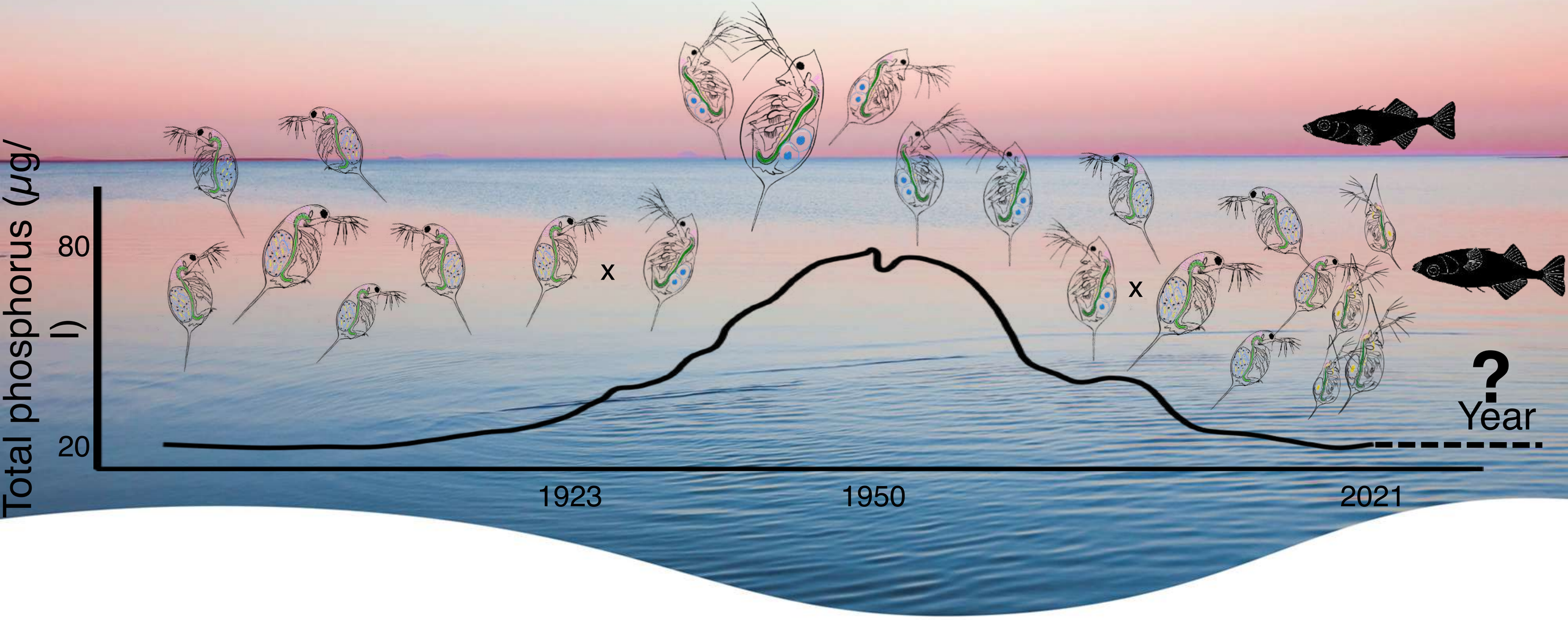
Interreg
Alpenrhein-Bodensee-Hochrhein

Kofinanziert von der Europäischen Union

universität innsbruck

Tim Maes

SeeWandel Climate

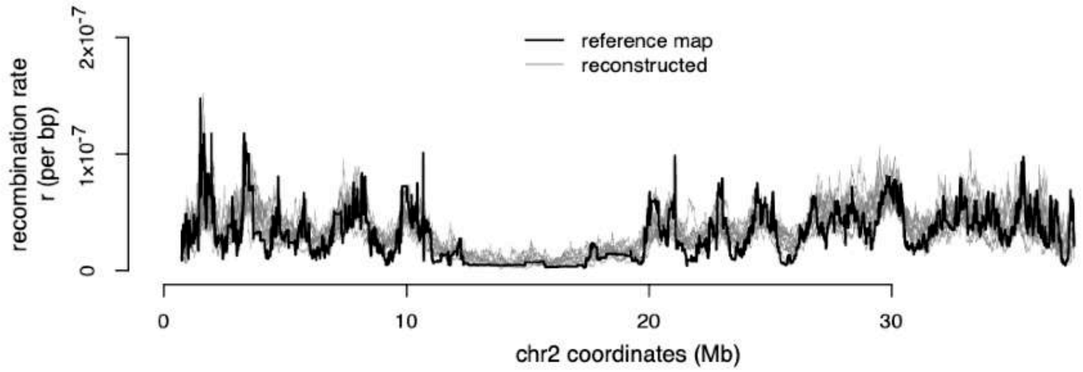


Milan Malinsky

Scientific questions:

1. Genome evolution and function in cichlid fishes

2. Meiotic recombination



Method + software development:

1. Inference of gene flow among populations / species

→ `Dsuite`

Dsuite-fast D-statistics and related admixture evidence from VCF files 617
M Malinsky, M Matschiner, H Svardal
Molecular Ecology Resources 21 (2), 584-595

2. Population structure inference

→ `RADpainter`

`RADpainter` and `fineRADstructure`: Population Inference from RADseq Data 365
M Malinsky, E Trucchi, DJ Lawson, D Falush
Molecular biology and evolution 35 (5), 1284-1290

3. *De novo* genome assembly

→ `trioSGA`

→ Pipelines for long-read genomes

4. Recombination inference from sperm Hi-C

→ `Hi-reComb`

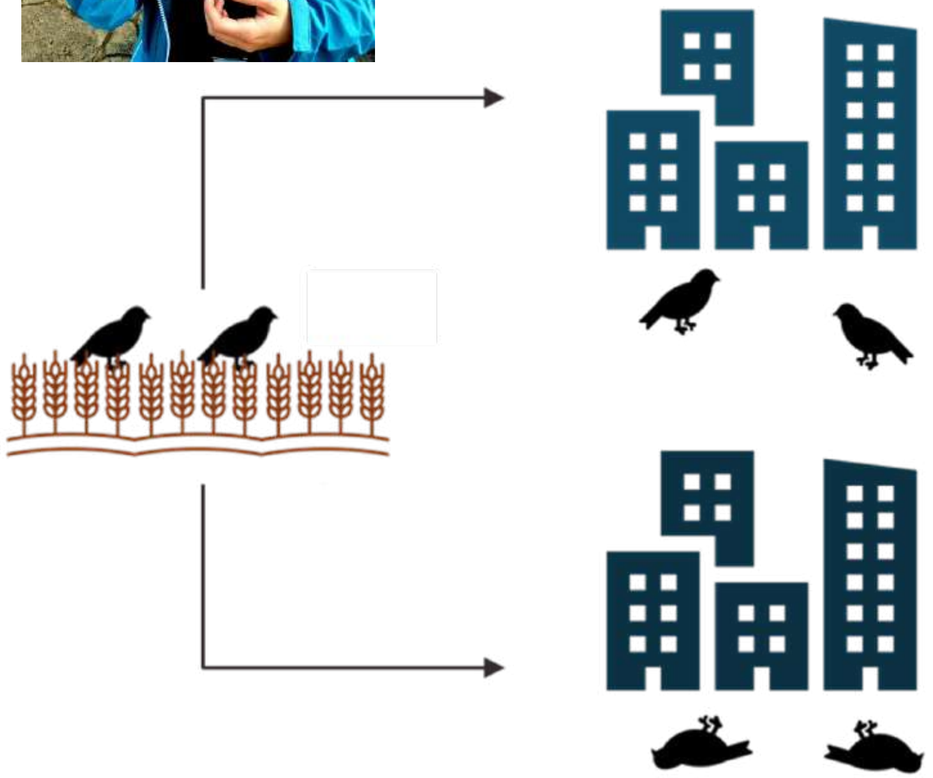
University of Nottingham
UK | CHINA | MALAYSIA

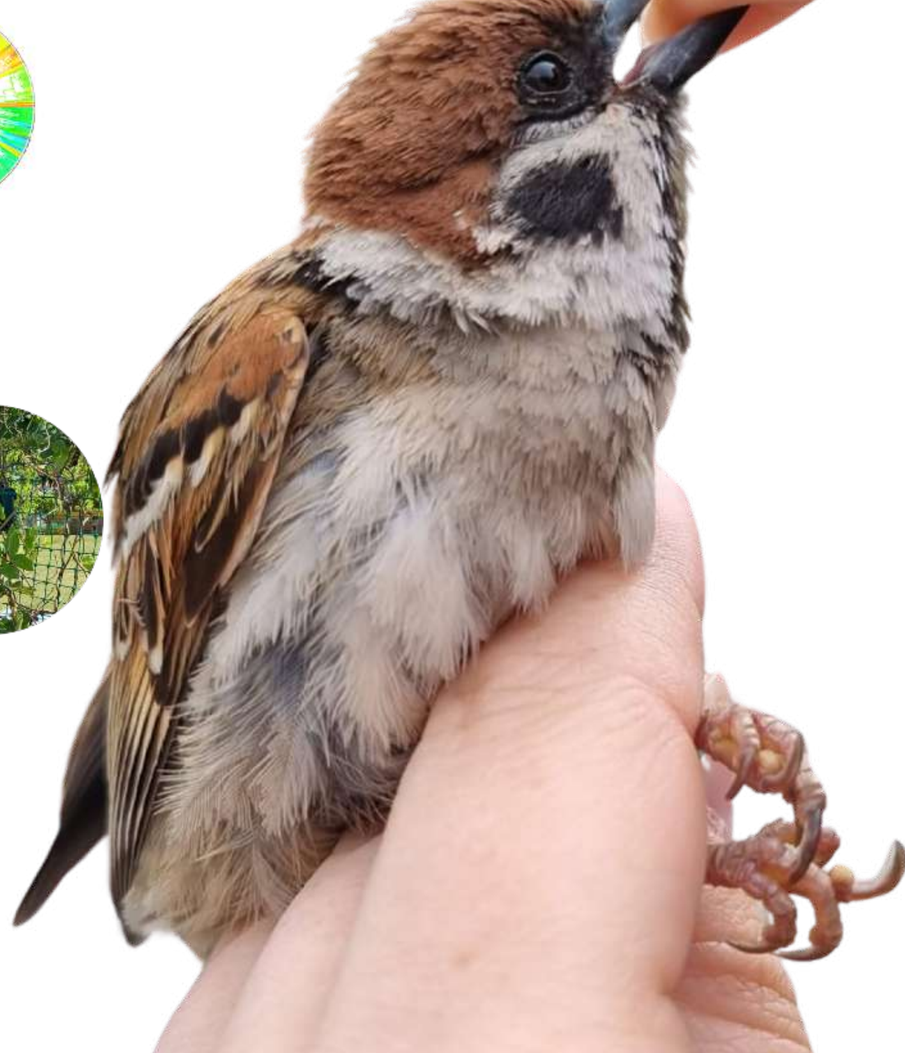
Lancaster University

UNIVERSITY OF OSLO

Envision
Developing next generation leaders in environmental science

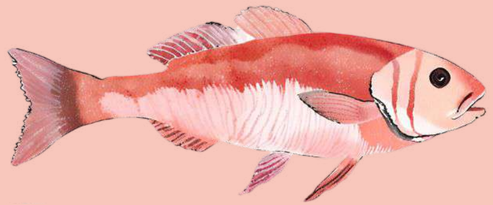
Marina Martín Maroto
2nd Year PhD Student at the University of Nottingham





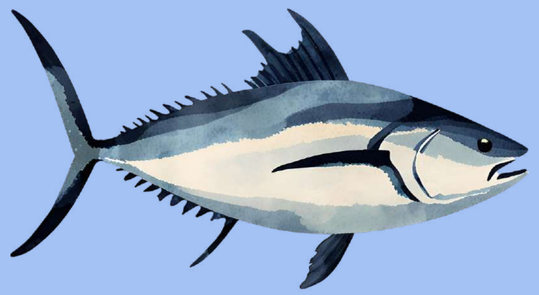
Bird Life in the in the Anthropocene: Understanding convergent adaptation to urbanisation

Red mullet
Mullus barbatus



Population genomics (ddRADseq) from 1373 specimen across 32 Mediterranean sites

Bluefin tuna
Thunnus thynnus



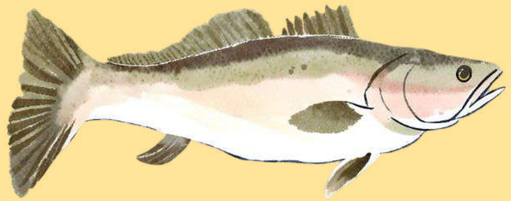
Conservation genomics from modern and ancient genomes

Norwegian Institute for Water Research

Biodiversity Genomics Europe

European Reference Genome Atlas

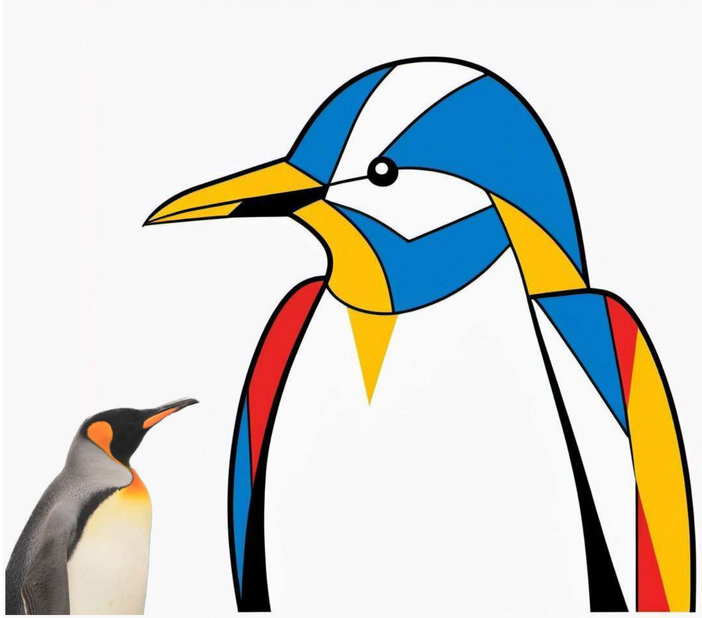
Hake
Merluccius merluccius



Seascape genomics (ddRADseq) across the Mediterranean

Master's thesis

King penguin
Aptenodytes patagonicus



Life-history strategies' effect on fitness through a forward-in-time simulation study (SLiM, Haller & Messer)

Supervisor: ***Emiliano Trucchi***
Co-supervisor: ***Flavia Nitta Fernandes***

Fishing genomes: Empowering and innovating Mediterranean fisheries with genomic toolbox

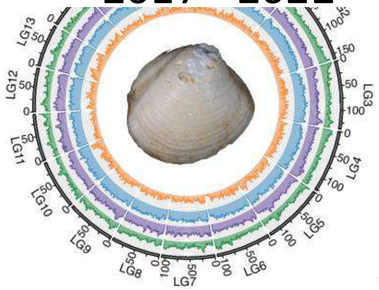
PhD student: ***Piergiorgio Massa***
Supervisor: ***Alessia Cariani***
Co-supervisor: ***Alice Ferrari***

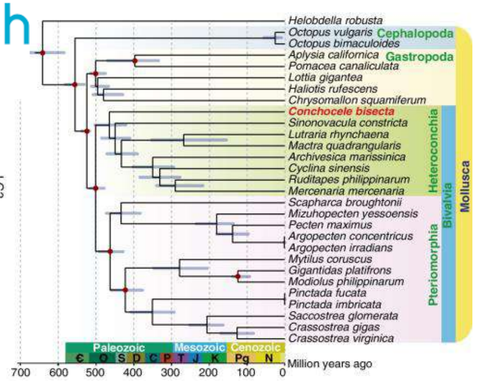
Michael Matschiner

Ludwig-Maximilian-University of Munich

Bavarian State Collection of Zoology

A BGI·Research
2017 - 2022





Exploring Structural Variation Polymorphism in Baltic Cod with long-read whole genome resequencing

Lingfeng Meng

PhD student

PI: Thorsten Reusch

GEOMAR Kiel, Germany

@lingfengmeng.bsky.social

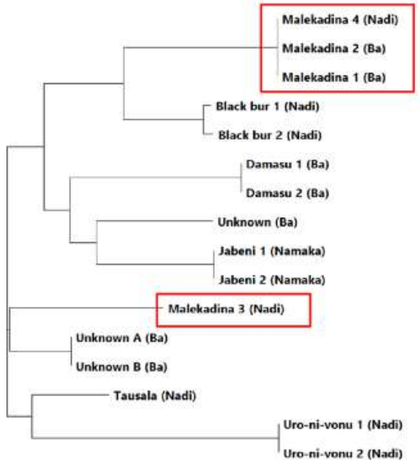
TransEvo
DFG Research Training Group for Translational Evolutionary Research

GEOMAR

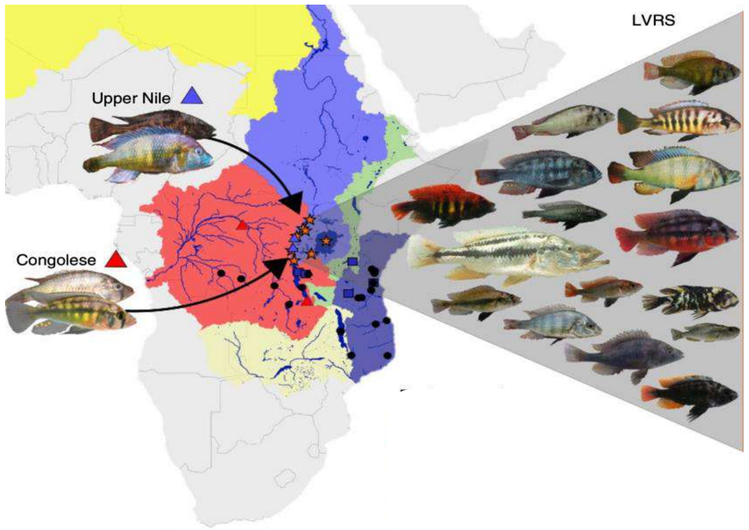
Caroline Mitchell

Manaaki Whenua
Landcare Research

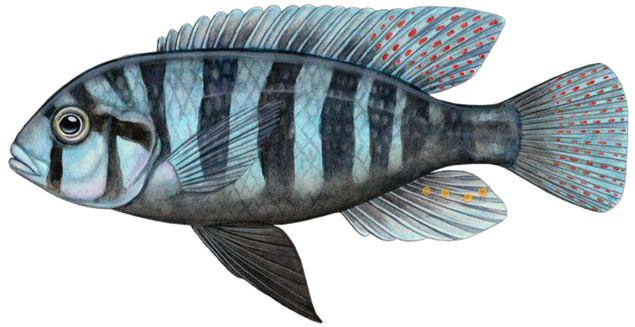
Taro (*Colocasia esculenta*) genetic characterisation



Evolutionary dynamics of trophic novelty and transitions during adaptive radiation



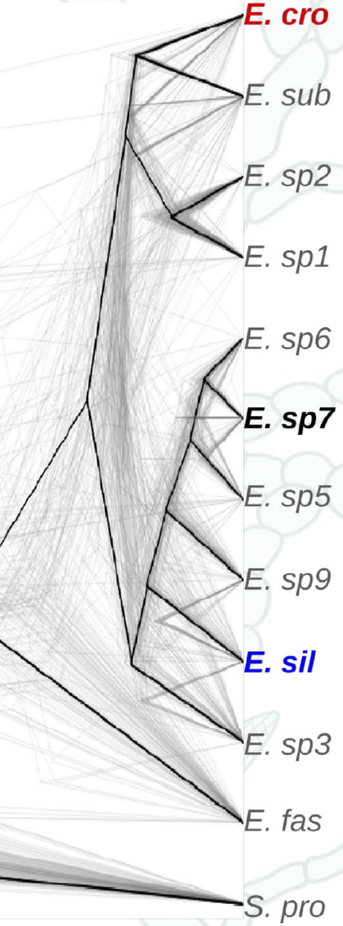
Meier et al 2017



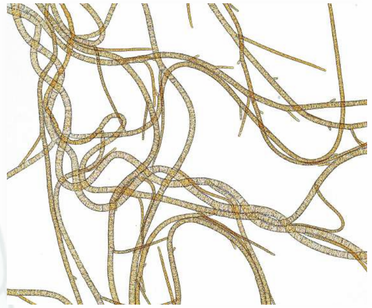
Clement Mlay

UNIVERSITÄT BERN

Reproductive isolation, sex chromosomes and speciation in brown algae

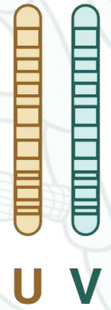


Ectocarpus sp.



Scytosiphon sp.

Haploid sex chromosomes



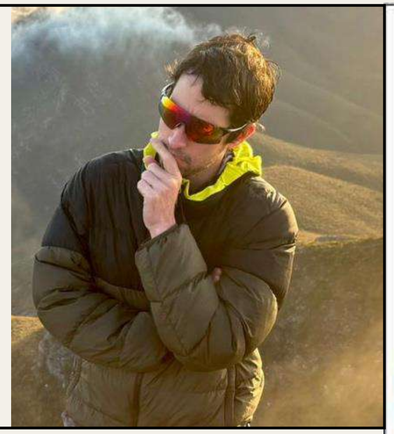
What is the genomic architecture of isolating barriers?

Agnieszka Lipinska lab
Max Planck for Biology Tübingen

Cécile Molinier

MAX PLANCK INSTITUTE
FOR BIOLOGY TÜBINGEN

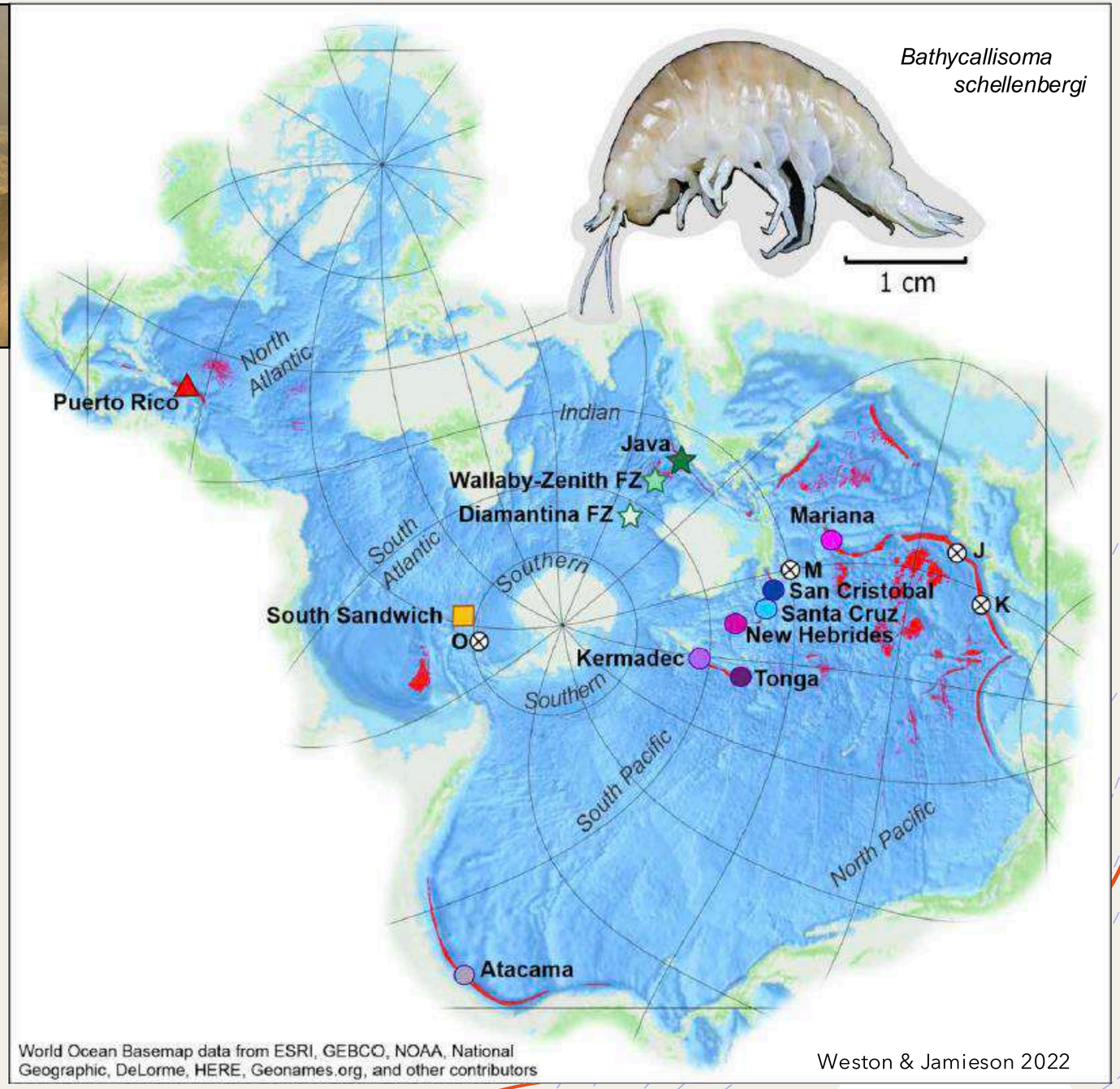
Javier A. Montenegro G.



Minderoo-UWA Deep-Sea Research Centre

OCEANS INSTITUTE

THE UNIVERSITY OF WESTERN AUSTRALIA



Billy Moore

JSPS Postdoctoral Fellow

Okinawa Institute of Science and Technology

b-moore@oist.jp

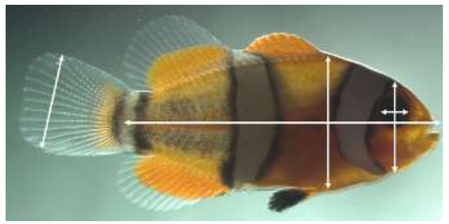
How will coral reef fish respond to future ocean warming?

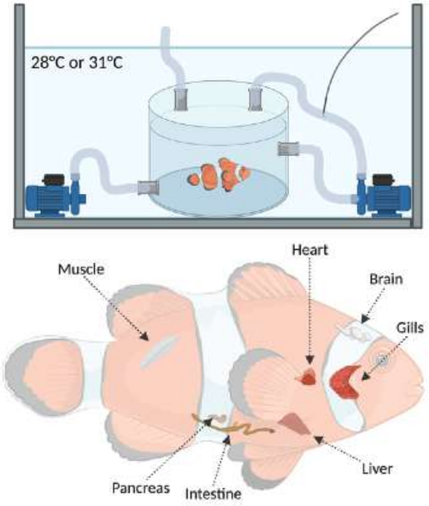
2019-Present : OIST PhD and PostDoc

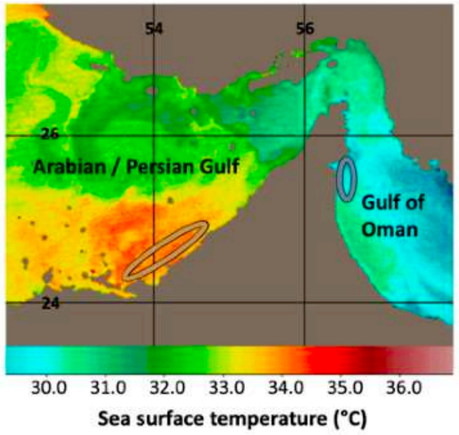
Physiology + Genome Assembly + Gene Expression

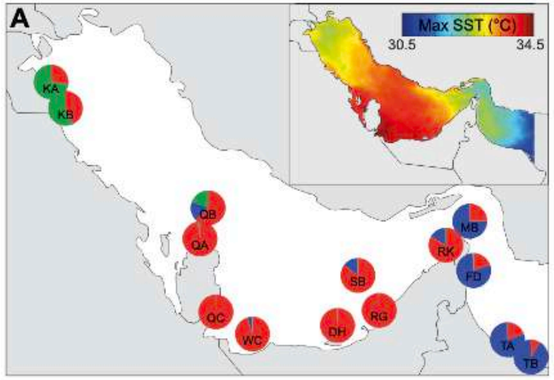
April 2025 : NYUAD PostDoc

Physiology + Gene Expression + **Population Genomics**



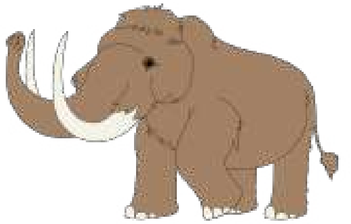






Kelsey Moreland

PhD student at
Centre for Palaeogenetics, Group of Love Dalén
Zoology Dept Stockholm University



Interested in extinction dynamics and hominin impact on their environment

Currently working on extinction and population dynamics of woolly mammoths across the last million years from both sediment and physical remains

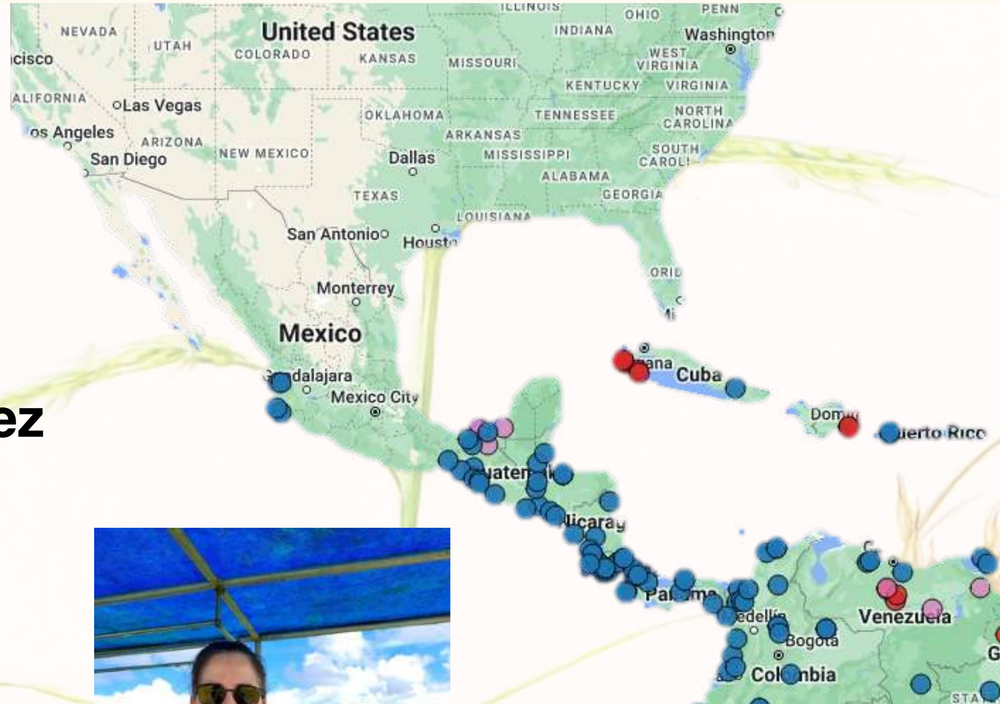
Previously worked on aDNA recovery from archaeological mammoth ivory, population genomics in reef-building corals and migratory shorebirds, and creating modified yeast cells for modelling human diseases

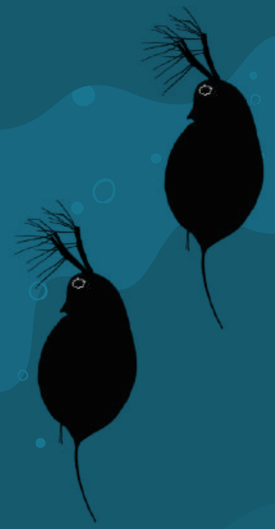
Maria Eugenia Navarrete Rodriguez

PhD Student in Plant Science (Wing Lab)

King Abdullah University of Science and Technology (Saudi Arabia)

KAUST



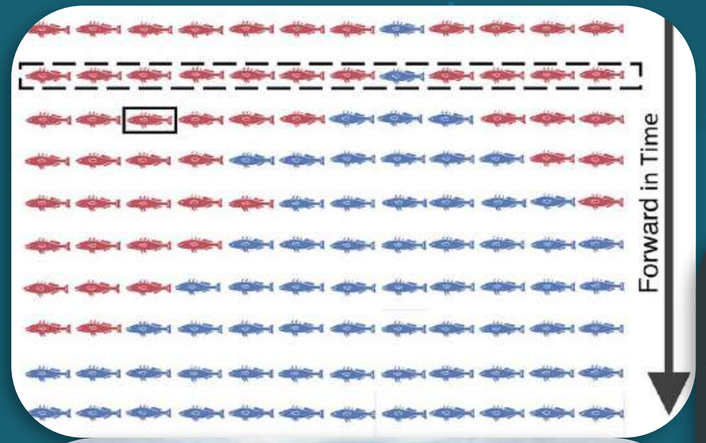


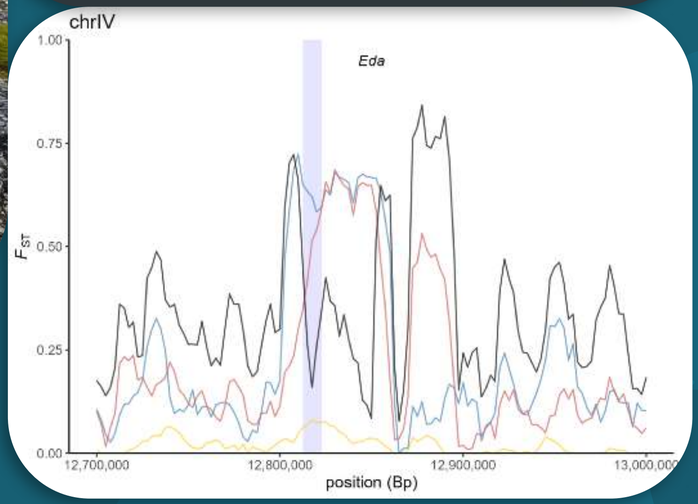
Jana Nickel

PostDoc

University of Oslo

- Population genomics
- Hybridization
- Adaptation to freshwater
- Mutation load & fitness effects





j.h.nickel@ibv.uio.no

How is variation maintained in natural populations?

The Common Bluetail Damselfly (*Ischnura elegans*)

Sofie Nilén, Lund University

[pan-American &]
Nearctic biogeography

Leibniz-Gemeinschaft
SENCKENBERG
world of biodiversity

Dr. Jill Oberski

Senckenberg Natural History Museum and Research Institute (Frankfurt, DE)

Hope COLLEGE

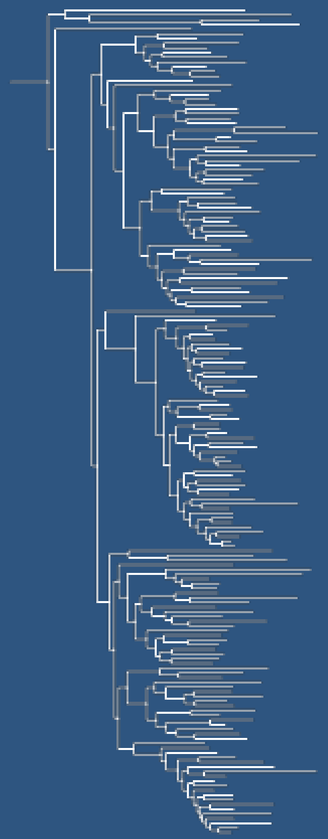
Hope College (Holland, MI, USA)

***Dorymyrmex* ants**

(Formicidae: Dolichoderinae)

social parasitism with close **and** distant relatives

phylogenomics



species complexes & **species delimitation**

Eva Pavlovič

University of Ljubljana, Biotechnical Faculty

Slovenia

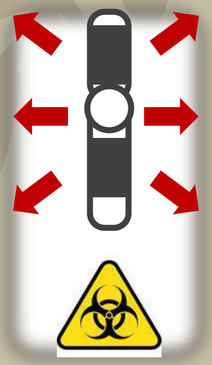
TRANSPOSABLE ELEMENTS

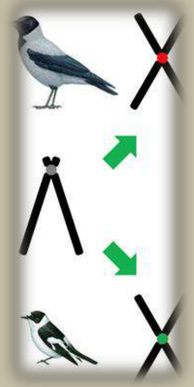
Valentina Peona

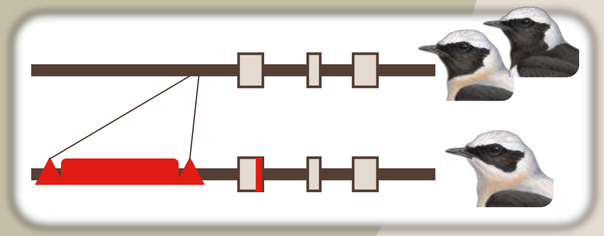
GENOME EVOLUTION

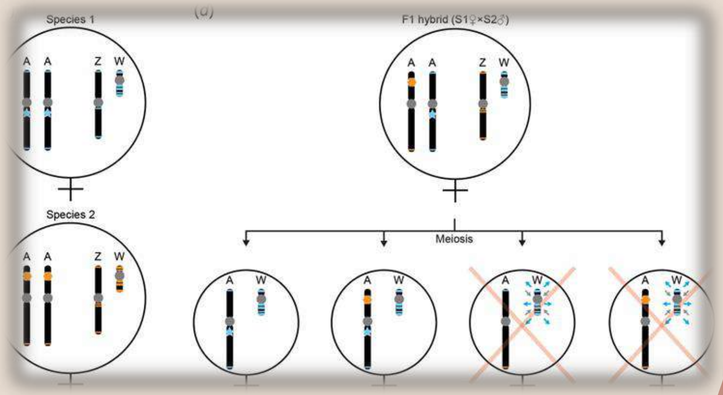
PHENOTYPIC EVOLUTION

REPRODUCTIVE BARRIERS





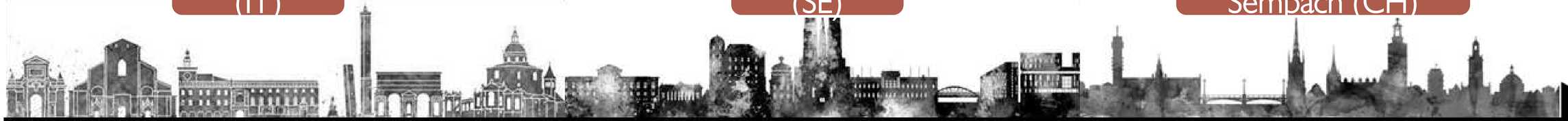




Bologna (IT)

Uppsala (SE)

Stockholm (SE)
Sempach (CH)



2010 2014 2017 2021 2022 2026

Bachelor/Master | Research assistant | PhD | Postdoc

Enrico Maria Perlini

PhD student, University of Oslo

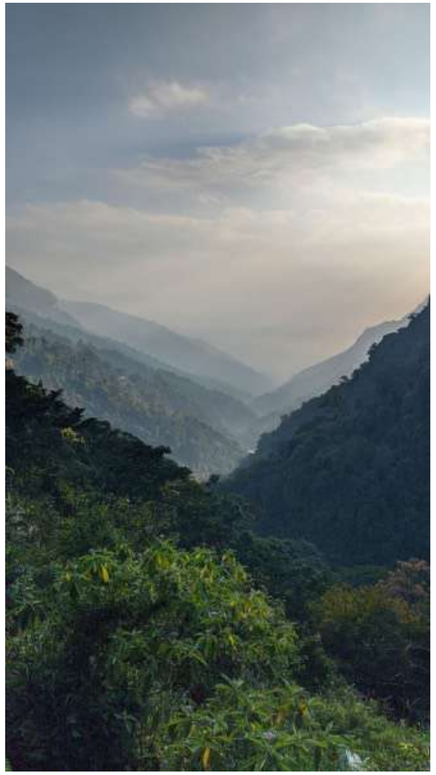
Naturhistorisk museum

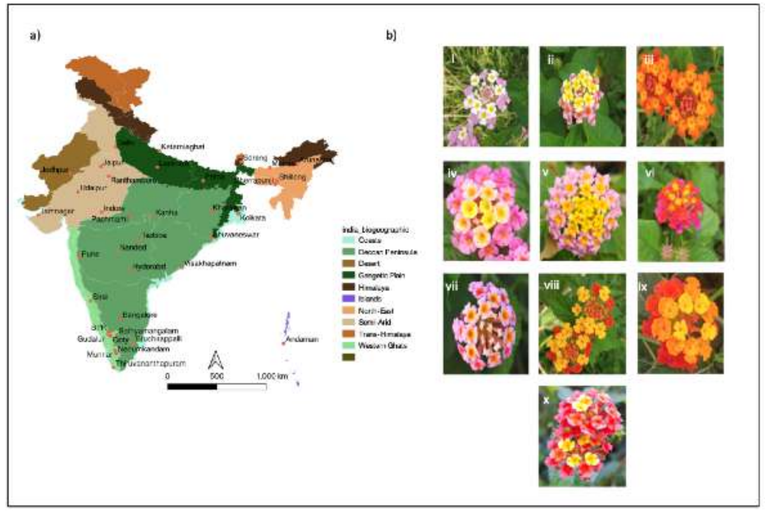
CEG | Comparative and evolutionary genomics

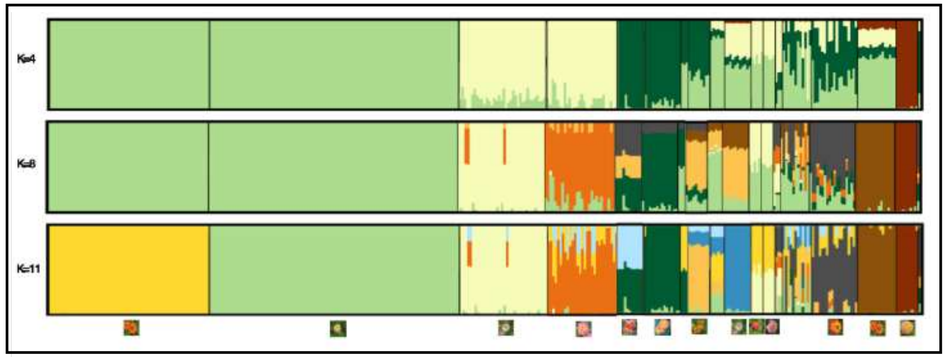
Hooded Seal
(*Cystophora cristata* Erxleben, 1777)

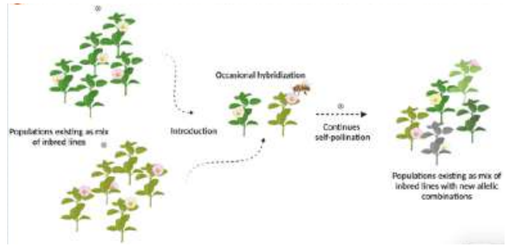
Genomic insights into an invasive plant- Self-pollination and homozygosity drive genetic structure in *Lantana camara*

Praveen Prakash
National Centre for Biological Sciences









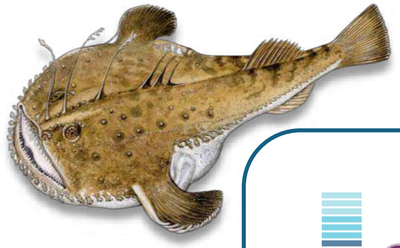
Google images

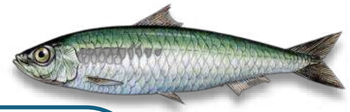
AZTI
MEMBER OF
BASQUE RESEARCH
& TECHNOLOGY ALLIANCE

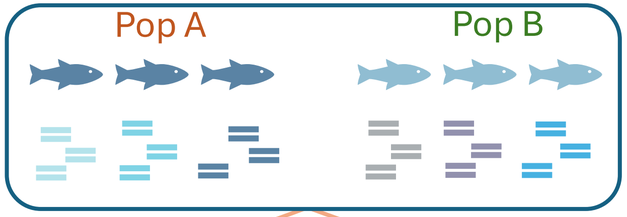
Marina Puebla Aparicio

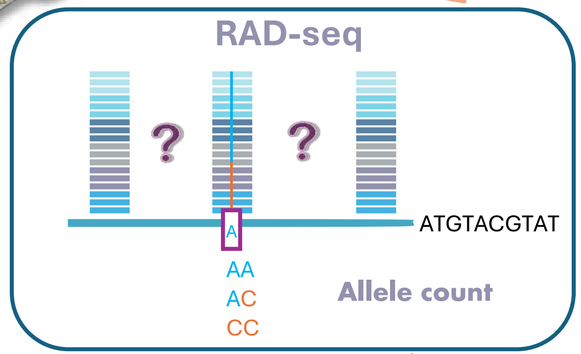
PhD student at AZTI (Spain)

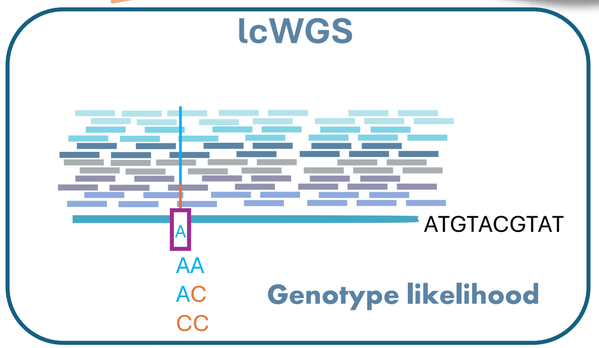
Thesis: High-throughput sequencing to inform fisheries assessment: case study of European sardine (***Sardina pilchardus***) and black anglerfish (***Lophius budegassa***) in the North Atlantic.

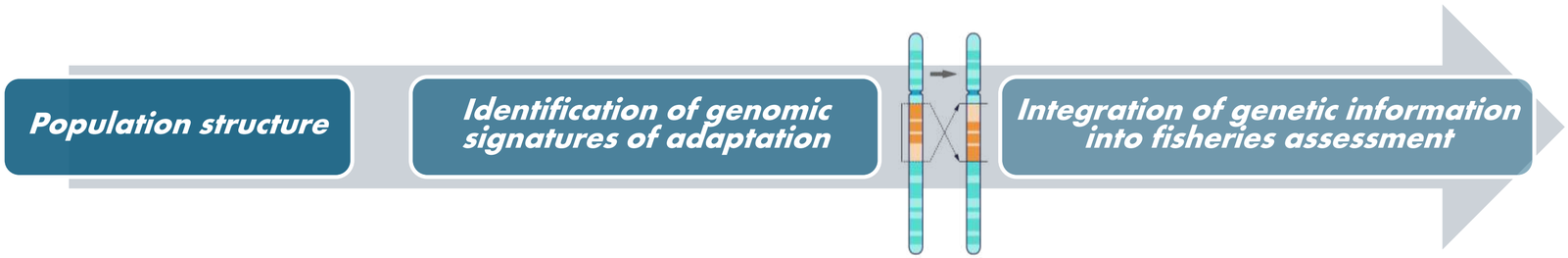


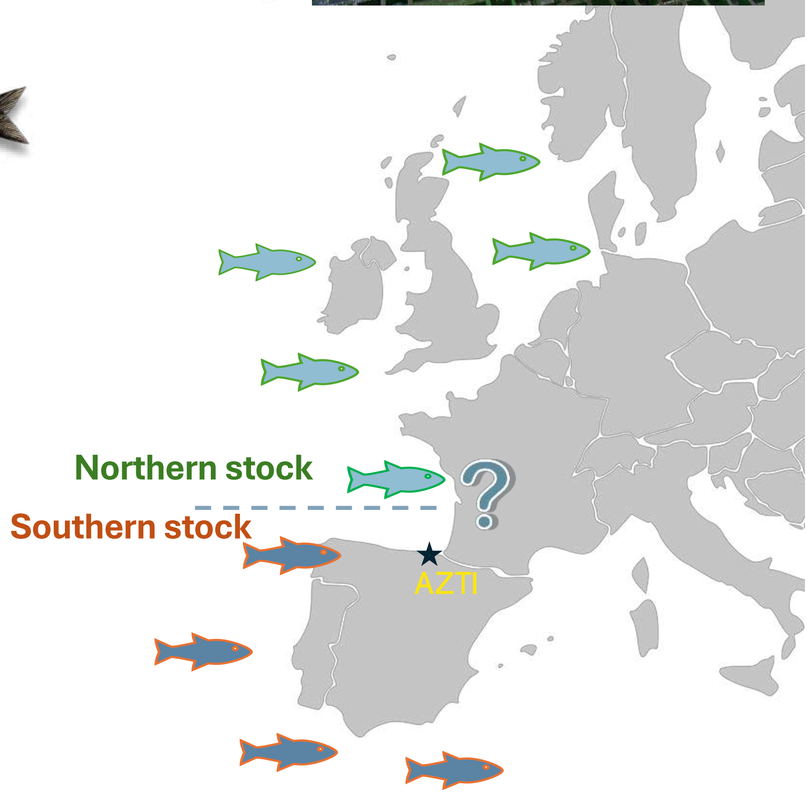


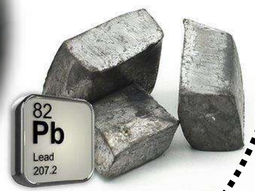












Francesco G. Quadrio

Master's student

University of Milan Bicocca,
DIpartimento di Scienze e Tecnologie per l'Ambiente e il Territorio

University of Oslo,
Center for Ecological and Evolutionary Synthesis

Email:
francesq@uio.no
f.quadrio1@campus.unimib.it
Discord:
francescoquadrio

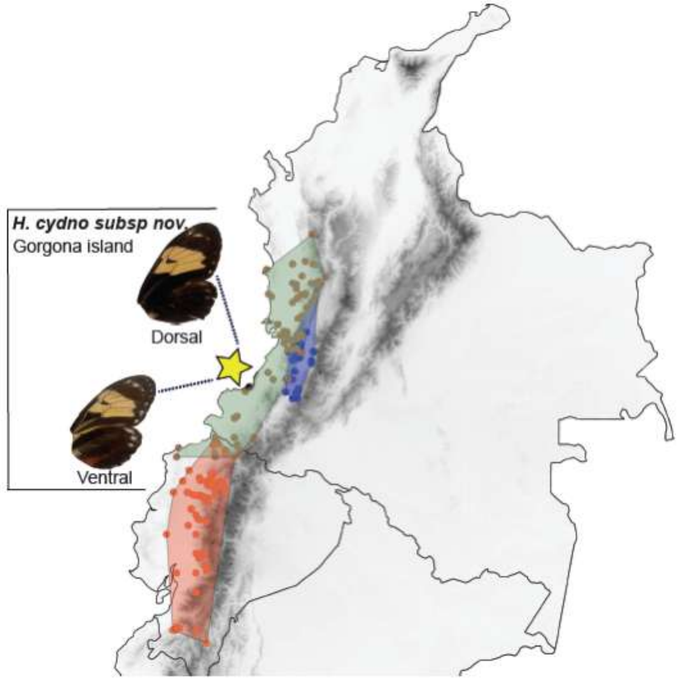
Geraldine Rueda Muñoz

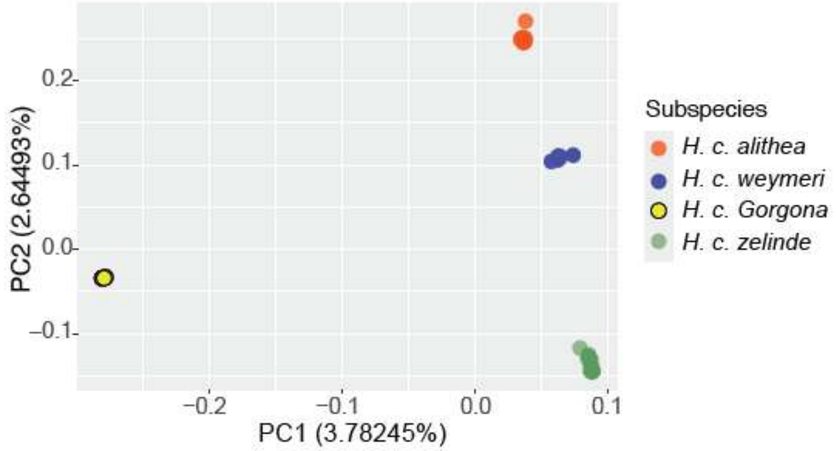
Student of MsC. Ecology and Evolution

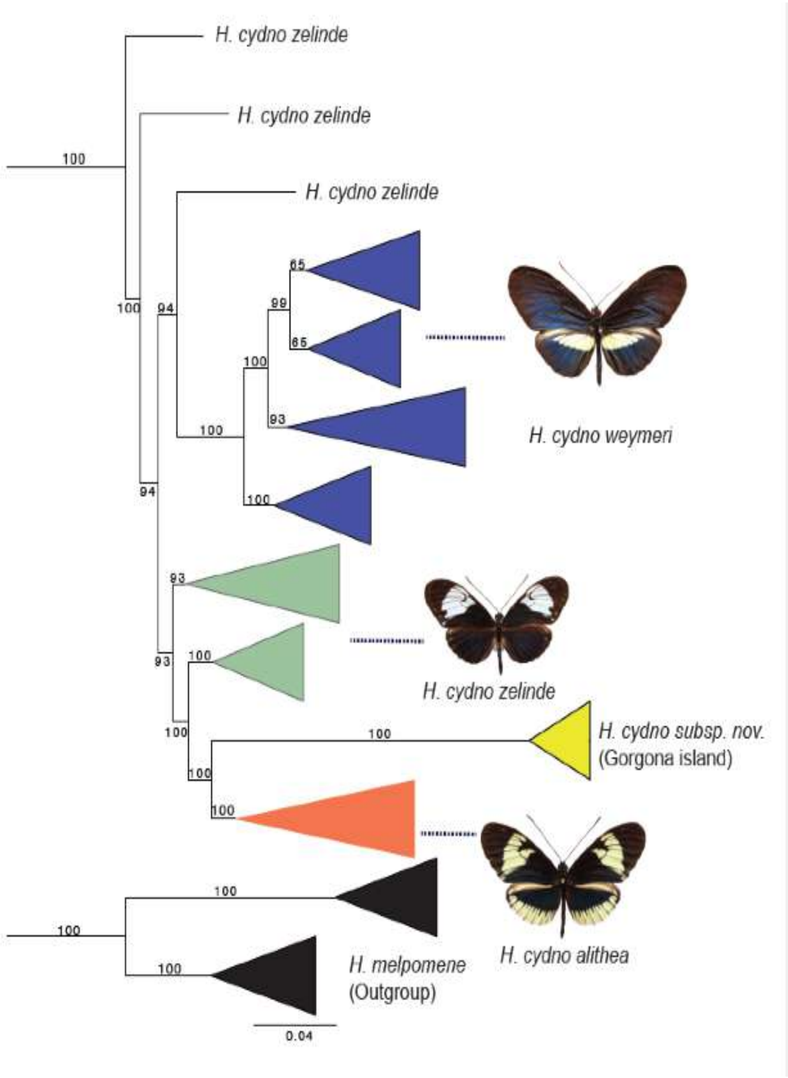
University of Oslo, Norway

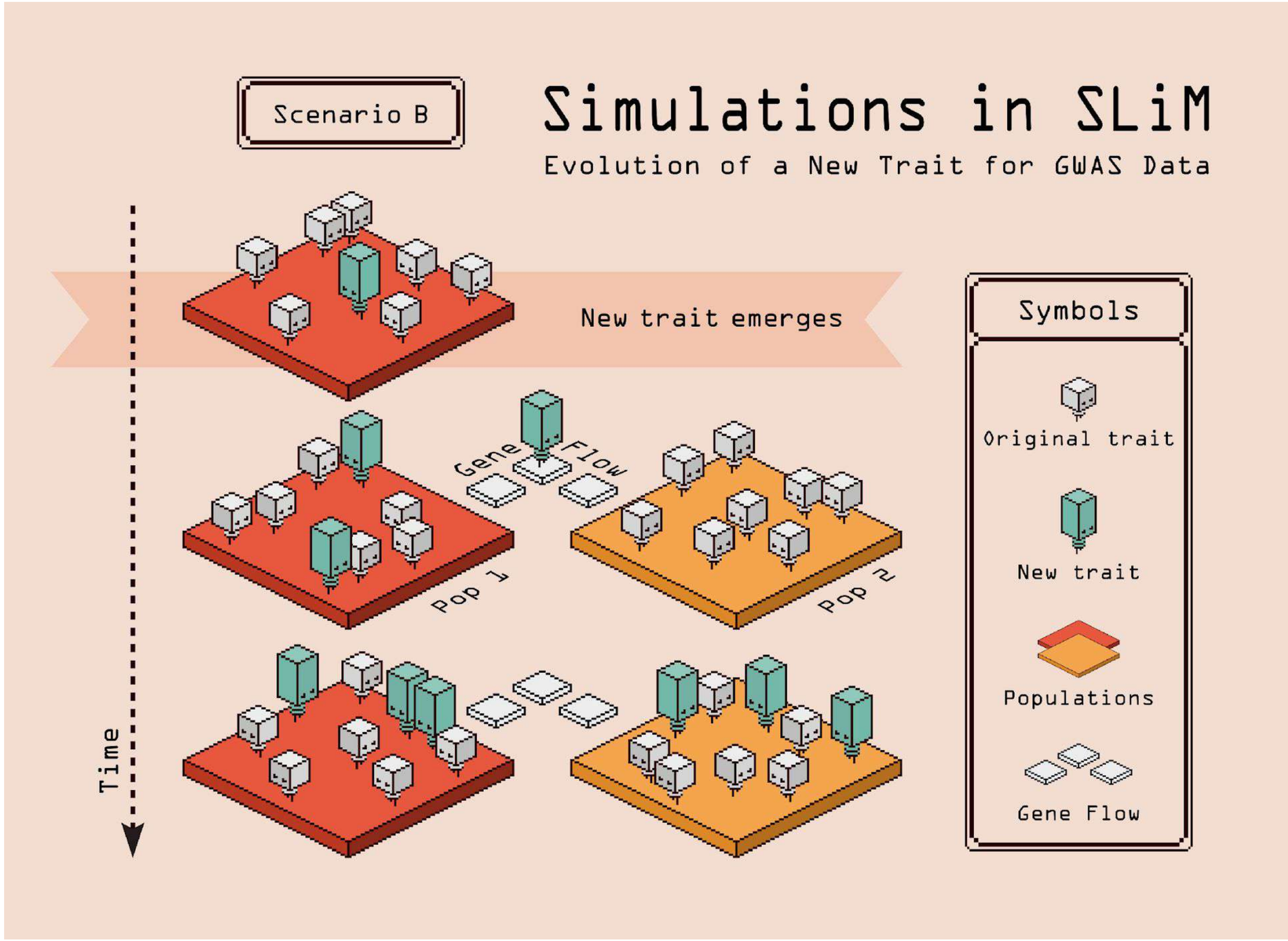
BiGTREE

UiO : University of Oslo

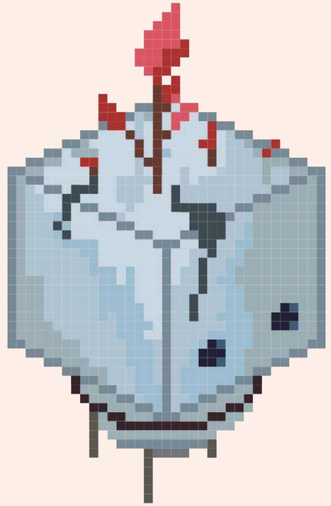








Exploring the power of GWAS through population simulations



Diego Salazar

University of Oslo

Adaptive radiation & explosive diversification in cichlid fishes

Walter Salzburger
Zoological Institute
Universität Basel

Identifying Evolutionary Processes and Drivers of Rapid Diversification in *Dianthus*

ETH zürich

Bushra Shahid
Plant Ecological Genetics (PEG) Group under Alex Widmer

Andrea Soler i Núñez

Uppsala University

UPPSALA UNIVERSITET	PhD Human Evolution and Genetics **2024–2028**	Genomic history, adaptation and disease in human populations across Africa and time
UPPSALA UNIVERSITET	MSc Evolutionary Biology **2022–2024**	[…] Bronze-to-Iron Age human demographic history of Pella (Jordan) using an ancient DNA approach
UAB Universitat Autònoma de Barcelona	BSc Genetics **2018–2022**	  

VIQUIPÈDIA
L'enciclopèdia lliure

Vitor C. Sousa
Universidade de Lisboa, Portugal
vmsousa@fc.ul.pt

Evolutionary Genomics and Bioinformatics group

centre for ecology, evolution and environmental changes

CHANGE
Global Change and Sustainability Institute

Ciências ULisboa

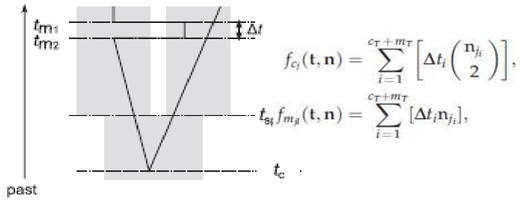
Bioinformatics and Population genomics

Interaction of gene flow and natural selection

Development of methods to infer demographic history and selection

Data from **experimental evolution** and **natural populations**

Theory and computational methods



Data analysis



Hybridizing Iberian chubs – sampling, cell cultures, omics data


Daniela Souza-Costa

PhD candidate

University of Basel

Demographic and ecological factors shaping genomic diversity in a cichlid adaptive radiation

João Souto - Univeristy of Lausanne

Bachelor and Master

Portugal

Master Thesis

Melo-Ferreira group

Introgression in Iberian

PhD

Switzerland

UNIL | Université de Lausanne

Goudet group

Schwander group

The impact of introgression on the evolution of species

1. Pangenomic approach

Ancient introgression

Bacillus stick insects

2. Recombination

landscapes Ongoing introgression

Swiss *formica* ants

3. Simulations

museum samples

Owls (genus *Tyto*)

4. Incomplete lineage sorting

Introgression

Parthenogenesis evolution

Timema stick insects

Hobbies

Cooking

Camping

Metal Festivals

Travelling

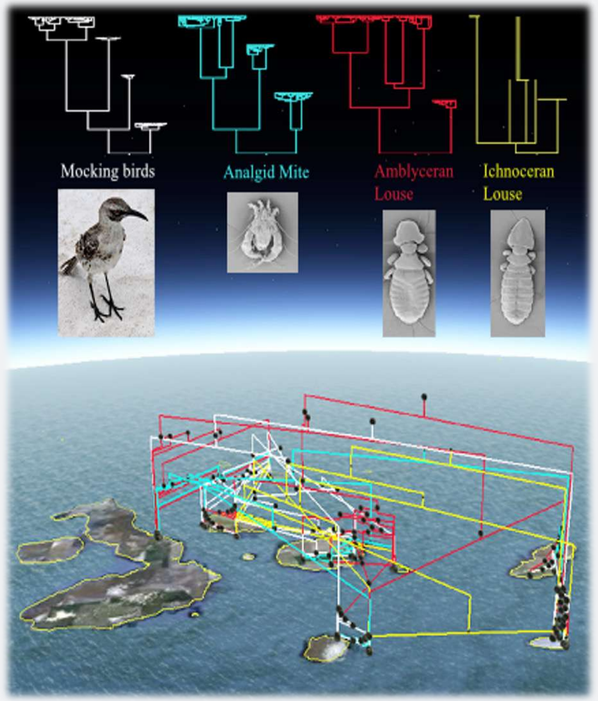
(unusual destinations)

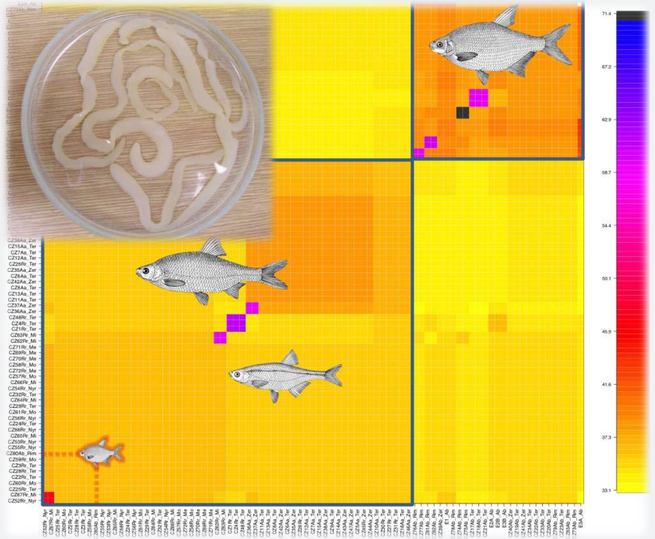
Laboratory of Molecular Ecology and Evolution

Jan Štefka

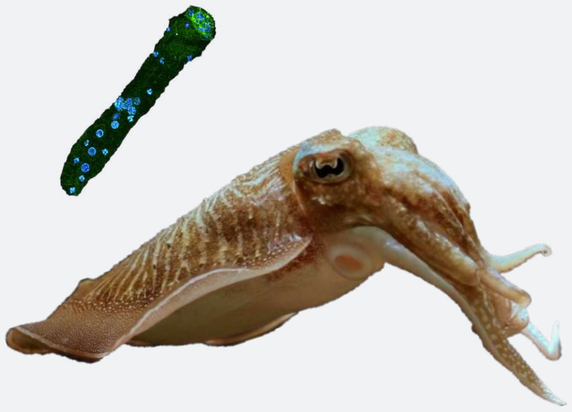
Přírodovědecká fakulta
Faculty of Science

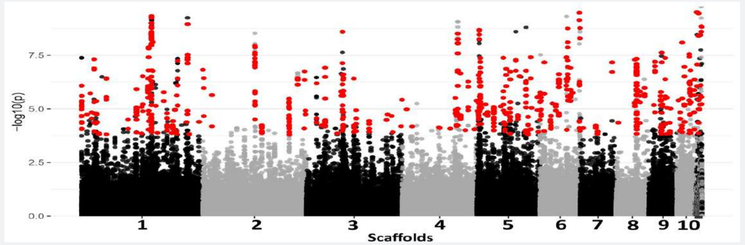
Jihočeská univerzita v Českých Budějovicích
University of South Bohemia in České Budějovice





Population genetics/omics of host-parasite co-evolution





Leyi Su

UPPSALA UNIVERSITET

PhD student (2024.02 -)

Department of Medical Biochemistry and Microbiology,
Uppsala University, Sweden

Using population genomic data to study adaptive evolution in natural populations:

- the genetic mechanism underlying the different male mating strategies in **Ruff** (*Calidris pugnax*)
- the genome evolution in related to ecological adaptation in **Atlantic herring** (*Clupea harengus*)

Ruff (satellite male)

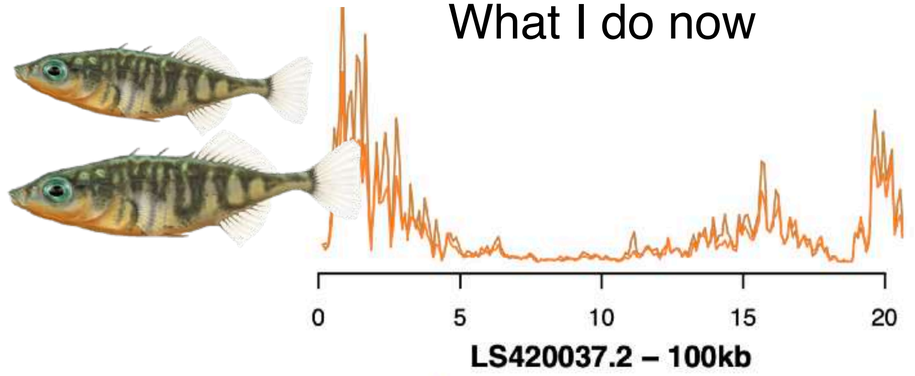
Marion Talbi

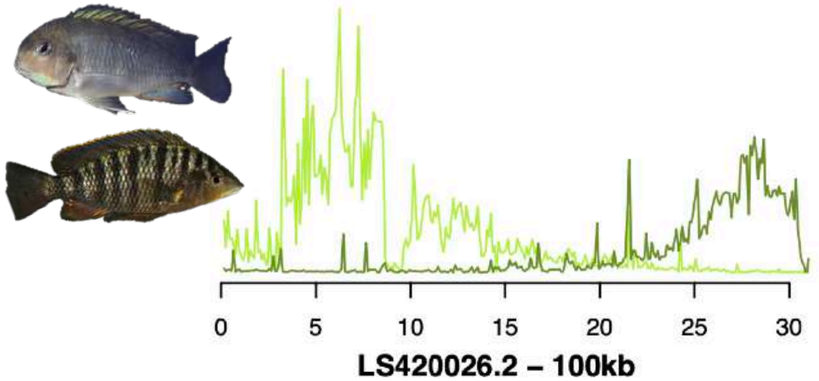
UNIVERSITÄT BERN

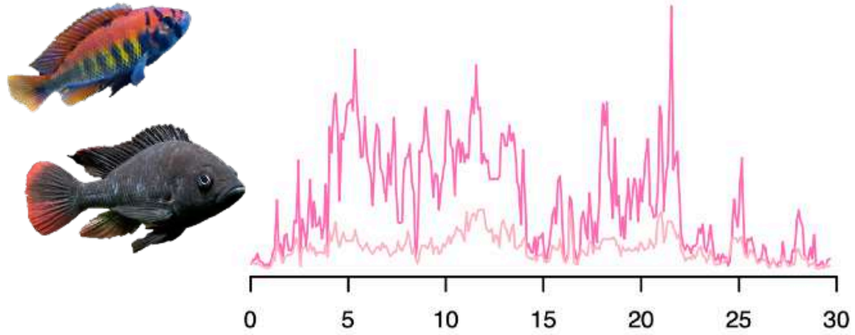
Nice landscapes

Recombination landcapes

What I do now



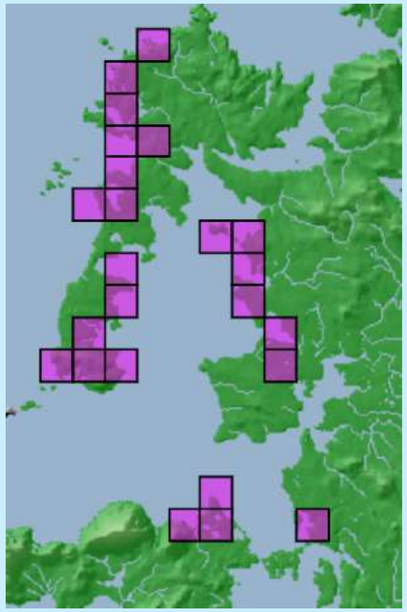




Lydia Thompson

Bombus distinguendus
Great Yellow
Bumblebee

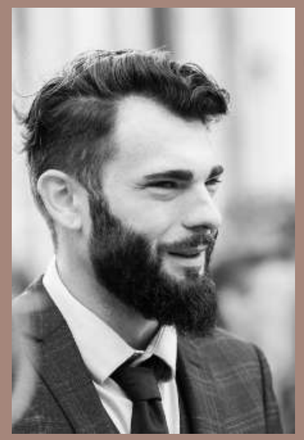
Bombus muscorum
Large/ Moss Carder Bee



Co. Mayo, Ireland

Machair Grassland

- **Extinction Risk**
- **Conservation Strategies**



Gaétan Tressieres
2nd year PhD

Ludovic Orlando
Prof. and Dir.

LAB
Centre for Anthropobiology and Genomics of Toulouse

TEAM
Archaeology, Genomics, Evolution and Societies

PhD's project

The horse of the First Steppe Empire and the First Chinese Dynasty: paleogenomics, funerary and breeding practices.

HorsePower project

Interactions between China, Mongolia and the steppes 2000-0 BCE

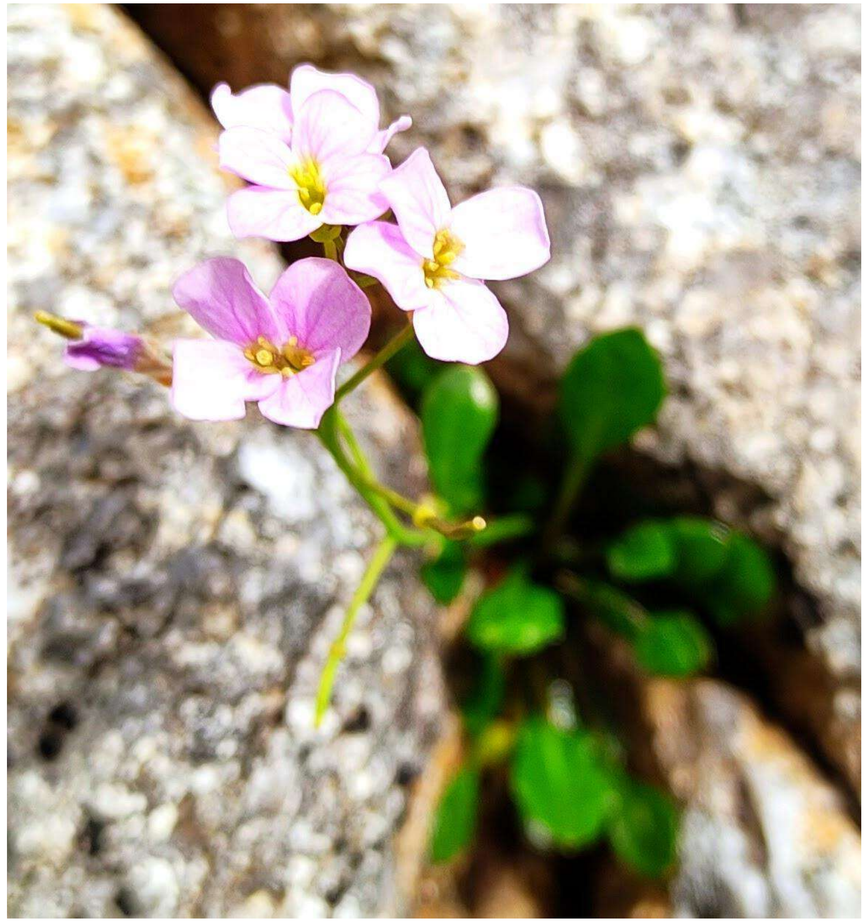
Emiliano Trucchi

Investigating demographic and adaptive processes in natural populations of (mostly) non-model species

Keywords

Population genetics, Genomics, Transcriptomics, Bioinformatics, Conservation biology

Jakub Vlček
Dep. of Botany, Charles Uni., Prague
Biology Centre & Dep. of Zoology, USB, Budweis



Hybridization and Speciation in Northern Pacific Sea Lions

Aliya Yakupova
Ludwig-Maximilians-University,
Max Planck Institute for
Biological Intelligence

Steller sea lion
(Eumetopias jubatus)

California sea lion
(Zalophus californianus)

Galápagos sea lion
(Zalophus wollebaeki)

Seward Peninsula
St. Lawrence I.
Bering Sea
Gulf of Alaska
KAMCHATKA PE
Sea of Okhotsk
ALASKA PENINSULA
Alexander Archipelago
ASIA
SAKHALIN
Queen Charlotte Islands
NORTH AMERICA
KURIL ISLANDS
HOKKAIDO
Sea of
JAPAN
HAWAIIAN ISLANDS
Islas Revillagigedo
CENTRAL AMERI
LANDS
PACIFIC OCEAN
GALAPAGOS
KIRIBATI
UVALU
SAMOA

Thanks!