PLANNING CONFERENCE

Participants abstracts: https://ecobhvr2025.sciencesconf.org/resource/page/id/3

10:00 - 13:30

14:00 - 14:50

14:50 - 15:40

15:40 - 16:00

16:00 - 17:25

17:30 - 21:00

08:15 - 09:00

09:00 - 09:50

09:50 - 10:40

10:40 - 11:00

11:00 - 12:25

12:25 - 14:00

14:00 - 15:00

15:00 - 15:50

15:50 - 16:10

16:10 - 17:15

17:15 - 19:00

08:15 - 09:00

09:00 - 09:50

09:50 - 10:40

10:40 - 11:00

11:00 - 12:25

12:25 - 13:40

13:40 - 15:10

16:00 - 18:00

19:30 - 01:00

08:15 - 09:00

09:00 - 09:50

09:50 - 10:40

10:40 - 11:00

11:00 - 12:25

12:25 - 14:00

14:00 - 14:50

14:50 - 15:40

15:40 - 16:00

16:00 - 17:25

MONDAY 11

Centre d'Ecologie Fonctionnelle et Evolutive - Campus CNRS: 43°38'18.2"N, 3°51'54.5"E

WELCOMING OF PARTICIPANTS

Accommodations: - Residence Vert-Bois: 43°38'09.6"N, 3°52'15.0"E - Residence Triolet: 43°37'49.6"N, 3°51'38.4"E

EVOLUTIONARY ECOLOGY

Alexandre Courtiol - Leibniz IZW (Berlin, Germany)

Counter-intuitive patterns in ecology and evolution (or why we should not forget that a population is made of individuals)

1- Léo Déjeux : Snails don't forget... Or do they? A transgenerational experiment on predator-induced plasticity

2- Aurora García-Berro : Genetic architectures of migration in the Painted Lady butterfly (Vanessa cardui) 3- Emilio Egal: Reproductive success of dispersers depends on the population of origin in Atlantic salmon

COFFEE BREAK

EVOLUTIONARY ECOLOGY

EVOLUTIONARY ECOLOGY

4- Clément Car: Transition from monogamy to polygamy in human-modified environments: the case of free-ranging dogs 5- **Ross Walker**: The role of pace of life in animal social network structures

6- Lina Benlemlih: Effects of parasitoid venom on the parasitism success of aphids protected by the symbiont Hamiltonella defensa

7- Marta Mosna: Social transmission of privileges across generations drives and reverses sex differences in reproductive inequality

8- Pierre-Alexandre Quittet: Cryptic evolution of body size in response to climate change in the Alpine marmot (Marmota marmota)

OPENING COCKTAIL Terrain expérimental du Centre d'Ecologie Fonctionnelle et Evolutive: 43°38'19.6"N, 3°51'42.2"E

BREAKFAST

BEHAVIOUR

BEHAVIOUR

3- Léo Maucourt : Description of the behavioural contexts of underwater sound production in juvenile green turtles Chelonia mydas

COFFEE BREAK

BEHAVIOUR

6- Jikang Park: Beyond Inactivity: Identifying True Sleep in Southern Elephant Seals Using EEG 7- Maxime Verdier: Kin recognition and inbreeding avoidance in Venturia canescens: behavioral and transcriptomic insights 8- Anaïs Cotton: Hormonal trade-offs in parental investment: effects of corticosterone on prolactin and behaviour in king penguin

LUNCH

9- Jemima Frame: Combining accelerometery and GPS data to investigate grooming reciprocity in wild female chacma baboons (Papio ursinus)

10- Job Knoester: Can social proximity predict audio-visual similarities in the courtship of spotted bowerbirds?

ECOLOGY AND SOCIETY

Human-nature relationships through the lens of reciprocity: insights from Indigenous and local knowledge systems

TUESDAY 12

with fisheries

Paul Tixier - IRD MARBEC (Montpellier, France) Understanding the ecology and behaviour of killer whales of the southern Indian Ocean to mitigate their interactions

1- Anna Luise Fabbri: Honey, I'm home! Effects of short-term separations on long-term pair bonded corvids 2- Helena Norman: The effects of temperature and sleep disruption on sociability and metabolism in the Trinidadian guppy, Poecilia reticulata

4- Emmanuelle Barreau: Scale matters: quantifying fusion fission dynamic events of belugas herds in the St. Lawrence Estuary from 30 years of herd follows 5- Jeanne Legros: Impact of urbanisation on interspecific competition between Blue and Great tits

Restaurant CNRS: 43°38'18.2"N, 3°51'51.5"E **BEHAVIOUR**

11- Elena de Miguel Martínez : Individual and brood variation in begging calls and offspring recognition in pied flycatcher (Ficedula hypoleuca) 12- Zoé Arrigoni: Behavioral impact of Road Dust and Tire Wear Particle on gammarids and potential functional consequences

Irene Teixidor-Toneu - IMBE (Marseille, France)

Emily Shepard - Swansea University (UK)

Plant-pollinator interactions in a changing world

Please fasten your safety belts in preparation for landing

ECOLOGY AND SOCIETY 1- Mathilde Delaup: Human Dimension of Wildlife Conservation: Broadening our knowledge of stakeholders' perceptions towards scavengers

2- Louis Quichaud: Restoring socio-ecosystems in an anthropocenic landscape: the example of the riparian wetlands of the Gironde estuary

3- Laura Fargeot: Key success characteristics of nature-based interventions to improve human-nature connection, human health and ecosystem welfare

COFFEE BREAK

4- Laymara Xavier Sampaio: Quantifying pre- and post-Columbian human-plant interactions and ecosystem resilience in South America **POSTERS SESSION 1**

> Balard Patio (43.63773482167946, 3.86468827088958) poster list: https://ecobhvr2025.sciencesconf.org/resource/page/id/2

WEDNESDAY 13 BREAKFAST

MOVEMENT ECOLOGY

1- Tom Chaubet: Prospecting under pressure: social information gathering strategies in immature Golden eagles 2- Inês Silva: Too few, too many, or just right? Optimizing sample sizes in animal tracking projects

3- Steph Trapp: Blessing or curse? The effects of Artificial Light at Night (ALAN) on the nocturnal space use of urban shorebirds

COFFEE BREAK

MOVEMENT ECOLOGY

MOVEMENT ECOLOGY 4- Roger López : A Remote Sensing-based Toolbox to disentangle the ecological drivers of insect migration

5- Sabiya Sheikh: Mapping the Menu: Understanding Seabird-Prey Interactions to Inform Conservation Strategies 6- **Titouan Hommeau**: Assessing the determinants of migratory connectivity for Alpine ibex (*Capra ibex*)

at different spatial scales using movement data

7- Cecilia Gimano Castellano: Dispersal on islands: the case of long-lived territorial vulture 8- Kyu Min Huh: Ontogeny and variability of take-off flight performance

poster list: https://ecobhvr2025.sciencesconf.org/resource/page/id/2

GALA

THURSDAY 14

BREAKFAST

FUNCTIONAL ECOLOGY

1- Barbara Bignon: Pronotum shape of burrowing and non-burrowing cockroaches moving in granular media

2- Chloé Vagnon: Difference in the global association between trophic and functional diversity of fish communities between rivers and lakes

FUNCTIONAL ECOLOGY

4- Louise Laux: Long-term monitoring of zooplanktonic communities in the Bay of Villefranche-Sur-Mer in a context of climate change over 55 years 5- Léa Keurinck: Shifts in the conditions for pollen diffusion related to fruiting dynamics in temperate oak species: a regional and temporal

perspective since 1960

8- Pierre Bouchet: Threatened freshwater fish used by humans support unique morphological traits

LUNCH

Restaurant CNRS

LUNCH Restaurant CNRS

POSTERS SESSION 2 Balard Patio (43.63773482167946, 3.86468827088958)

MONTPELLIER VISIT

Bistrot d'O: 43°38'08.3"N, 3°50'11.2"E

FUNCTIONAL ECOLOGY Emmanuelle Porcher - MNHN, CESCO (Paris, France)

3- **Teddy Chikwane**: Role of large carcasses on the structure and functioning of the vertebrate scavenger guild **COFFEE BREAK**

6- Camille Touchet: Grazing the plastisphere reduces biofilm consumption and modifies energy allocation strategies in freshwater snail Physa acuta 7- Julie Sénécal: The role of gut microbiota in the invasion success and insecticide resistance of Spodoptera frugiperda

CONSERVATION Ana Rodrigues - CEFE, CNRS (Montpellier, France) Unshifting the baseline: insights from history into the future of conservation

CONSERVATION 1- Filipe Serrano: Proceed with caution: are vertebrates increasing their abundance at the leading edge of their distribution? 2- Colline Richard: Under heat stress: Investigating the drivers of physiological and behavioral responses

of king penguins to warm environmental conditions 3- Vinni Jain: Conserving biodiversity in tropical farms: How do native trees and crop characteristics affect bird abundance and diversity in Indonesia's community-managed agroforests?

COFFEE BREAK

CONSERVATION

4- Loan Arguel: Space use and habitat selection by a threatened semi-aquatic mammal, the Pyrenean desman (Galemys pyrenaicus)

8- Benoit Penel: Major entomological communities in French agro-ecosystems and their relationships with climate, agricultural landscapes and management intensity

CLOSING CONFERENCE

5- Gaëlle Picon: Where do vultures feed? Using biologging to quantify the real use of supplementary feeding stations 6- Lisa Nicvert : Linking conservation status and species traits: a case study on European dragonflies 7- Lucie Foucart: Making motion visible: not all black-and-white patterns equally improve birds' detection of wind turbine rotation

FRIDAY 15

NATURE EXCURSION picnic

DEPARTURE OF THE PARTICIPANTS