

## Tuesday 2nd

9h00-9h30 Opening speech

### Biodiversity Dynamics and Conservation

- 9h30-10h00 **Xavier Bonnet** **Practical actions for reptilian conservation: difficulties, success and hope**
- 10h00-10h15 Martin Jeanmougin The concept of habitat: definitions and implication of an unquestioned paradigm
- 10h15-10h30 Léo Bacon Habitat suitability and demography, a time dependent relationship
- 10h30-10h45 Éric Tromeur Beyond MSY: Trading off yield and resilience in harvested predator-prey communities
- 10h45-11h00 Simon Veron Consequences of pollinator extinctions on the loss of plant evolutionary history

### 11h00-11h30 Coffee break

- 11h30-11h45 Juliana Monteiro Richness, diversity and threatened taxa patterns and conservation of bryophytes in headwater streams.
- 11h45-12h00 Maria Viteri Espinel Landscape analysis of genetic diversity and structure of Andean bears across Ecuador
- 12h00h-12h15 Théophile Olivier Diversity-stability relationships: from theory to natural communities
- 12h15-12h30 Shevy Rothman One invasive fish and two new parasites

**12h30-14h00 Lunch break - Photographic contest** Caves Esclangon

### Humanities and Natural Sciences

- 14h00-14h30 **Margareta Tengberg**
- 14h30-14h45 Noel Amamo Human subsistence strategies and environment in late Pleistocene-early Holocene eastern Java: evidence from Braholo Cave
- 14h45-15h00 Monika Mraz The bear in Roman Switzerland
- 15h00-15h15 Pauline Fontan Investigation of an ancient prehistoric collection in the Muséum national d'histoire naturelle: the mesolithic cemetery of Tévéc (Morbihan, France)
- 15h15-15h30 Nina Marchi Human dispersal and inbreeding avoidance in Central Asia
- 15h30-16h00 Coffee break**
- 16h00-16h15 Katherine French Agricultural intensification: a threat to native microbial diversity?
- 16h15-16h30 Agathe Colleony Defining the experience of nature: evidence from a large sample of French respondents
- 16h30-16h45 Minh-Xuân Truong Gamers like it green: virtual biophilia-like experience in a virtual universe
- 16h45-17h00 Frédéric Ducarme The idea of "nature" in modern conservation biology
- 17h15-19h00 Poster session 1 Biodiversity Dynamics and Conservation & Humanities and Natural Sciences
- 19h30-22h00 Movie projection

## Wednesday 3th

### Systematics, Evolution and Comparative Anatomy

9h15-9h45	Jean François Flot	<b>Haplowebs: delimiting species using heterozygosity</b>
9h45-10h00	Nelida Padilla	New insights on the evolution and taxonomy of the diploid-polyploid complex <i>Veronica</i> subsection <i>Pentasepalae</i>
10h00-10h15	Lauriane Cacheux	Diversity and evolution of tandem DNA repeats in primate centromeres
10h15-10h30	Christine Böhmer	Correlation between Hox code and vertebral morphology in archosaurs
10h30-10h45	Aurore Canoville	Ontogenetic development and intraspecific variability of bone microstructure in the king penguin, with considerations for paleoecological inferences

### 10h45-11h15 Coffee break

11h15-11h30	Ying Ying Cui	New palaeobiogeographical investigations on stoneflies
11h30-11h45	Camila Cupello	Development and evolutionary history of the Coelacanth lung
11h45-12h00	Valentin Rineau	The new Rudist phylogeny ( <i>Bivalvia</i> , <i>Hippuritida</i> )
12h00-12h15	Inger Winkelmann	Exploring the global population of the giant squid ( <i>Architeuthis dux</i> ) using mitochondrial genomes and nuclear genetic markers

12h15-14h00	<b>Lunch break - Photographic contest</b>	Caves Esclangon
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### Earth and Planetary Sciences

14h00-14h30	<b>Gweltaz Maheo</b>	<b>Origin and evolution of the Tibetan plateau. From lithosphere dynamique to surface processes.</b>
14h30-14h45	Borja Cascales-Miñana	The Lower Devonian flora of Mezquita de Loscos (NE Spain, Iberian Peninsula)
14h45-15h00	Mangalaa Kameswari Rajasekaran	First look on biogenic silica and its associated processes in Indian estuaries along contrasted seasonal climate
15h00-15h15	Ivia Closset	Sea-ice influence on carbon and silicon biogeochemical cycles in the Southern Ocean
15h15-15h30	Eduardo Queiroz Alves	Radiocarbon marine reservoir corrections on the Brazilian coast and their implications to the considered region
15h30-16h00	<b>Coffee break</b>	
16h00-16h15	Meriem Snineh	Knowledge of water potentials in Bleida region by the method of the Magnetic resonance sounding
16h15-16h30	Houda Nassah	Using the soil water balance for evaluation of deep percolation in drip/ flood irrigated citrus orchards in the Haouz plain (Tensift Basin, Morocco).
16h30-16h45	Said Ilmen	Mineralogical and geochemical characteristics of carbonate-hosted Cu, Pb,Zn, (Ag,Au) ore deposit at amensif (Western High Atlas, Morocco)
16h45-17h00		
17h15-19h00	Poster session 2	Systematics, Evolution and Comparative Anatomy & Earth and Planetary Sciences

## Thursday 4th

### Evolutionary Ecology

9h15-9h45	Mathieu Joron	
9h45-10h00	Yanjie Liu	Does greater specific-leaf-area plasticity help plants to maintain a high performance when shaded?
10h00-10h15	Timothée Bonnet	The stasis that wasn't: Adaptive evolution goes against phenotypic selection in a wild rodent population
10h15-10h30	Nicolas Villain	Costly cognitive processes in a context of low food availability: learning and memory in a small Malagasy primate facing sudden drop in available energy
10h30-10h45	Aurore Picot	From public to private goods: the interplay between ecology and the evolution of siderophore production
<b>10h45-11h15</b>	<b>Coffee break</b>	
11h15-11h30	Loïc Prosnier	Parasites affect the ecological coexistence and stability of predator-prey species, as well as the evolution of predator foraging
11h30-11h45	Nikola Petkovic	Can sex prevent extinction?
11h45-12h00	Adrienne Gastineau	Scent-marking behaviour in a solitary and non-territorial species in the Pyrenees: the brown bear ( <i>Ursus arctos</i> ).
12h00-12h15	Florent Mazel	The inprints of continental drift and evolutionary convergence on the composition and functional structure of mammal biodiversity worldwide.
<b>12h15-14h00</b>	<b>Lunch break</b>	Caves Esclançon

### Methods in natural sciences

13h30-14h00	Sylvain Gerber	<b>Morphospaces in evolutionary biology: state of the art and challenges</b>
14h00-14h15	Manon Ghislain	Winter - Not Spring - Climate Drives Annual Adult Survival in Common Passerines: a Country-Wide, Multi-Species Modeling Exercise
14h15-14h30	Pierre Quévreux	Nutrient recycling in complex food web models
14h30-14h45	Marianna Harmath	Examining Bronze Age cattle DNA from the site Savognin-Padnal (Switzerland)
14h45-15h00	Mitya Vasyukov	Dogs of ancient Eskimos (archaeozoological study in Chukotka)
<b>15h00-15h30</b>	<b>Coffee break</b>	
15h30-15h45	Marc Manceau	A general comparative phylogenetic framework for coevolving traits and coevolving lineages
15h45-16h00	Mathilde Delaunay	New digital identification tools for natural history
16h00-16h15	Paulina Kosztyla	The influence of green fluorescent protein on fitness of the nematode <i>Caenorhabditis elegans</i>
16h15-16h30	Weronika Banot	Repeatability of evolution in evolutionary experiments
17h00-19h00	Poster session 3	Evolutionary Ecology
20h-1h	Closing Gala	

## Friday 5th

9h-10h	Public conference (French)	L'esprit sorcier.
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10h-12h      Public conference  
(French)  
Valérie Masson-      Climats passé, présent et futur.  
Delmotte

13h-17h      Excursions

## **Saturday 6th**

9h-17h      Naturalistic excursion