

CONSERVATION SCIENCES IN THE MEDITERRANEAN REGION

PROGRAMME

Tour du Valat, Arles - France

Tour du Valat Conference for Young Scientists

28-30 April 2014

www.medconservationsciences-conference.org



8h30-9h30: Welcome of participants

09h30-10h30: Official Opening of the conference

Session 1: Land use

10h30-11h20 Key note Session 1: Arnaud Béchet, Tour du Valat, Arles (France)

Greater flamingos in the Anthropocene: risks or opportunities

- 11h20: **Thierry L.** - Coralligenous populations study based on spatial variability of habitat profiles, by the mean of photo-quadrats and image processing software (PhotoQuad)
- 11h40: **Tschanz L.** - Social representations of socio-ecological interdependencies in a Natural Regional Park project
- 12h00: **Guelmami A.** - The use of remote sensing and GIS approaches for the Mediterranean wetlands monitoring: experience from the GlobWetland II project

12h30 – 14h00: Lunch

Session 2: Global Changes, Management

14h00-15h20: Field visit (Tour du Valat estate)

15h20-15h40: Coffee

15h40-16h30: Key note Session 2: François Sarrazin, MNHN, Paris (France)

Conservation beyond anthropocentrism: an evolutionary perspective

- 16h30: **Vittecoq M.** - Wildlife role in antimicrobial resistant bacteria dynamics: available data and perspectives
- 16h50: **Krebs Elise** - Simultaneous eradication of two invasive taxa from a Mediterranean island: first results of a long term scientific and conservation program

Posters Session (5' each)

1. **Kaoutar M.** - Reptiles preliminary inventory of Moroccan Atlantic lagoons, case of Oualidia and Merja Zerga lagoons
2. **Berrouj A.** - Structuration de la diversité génétique de peuplements d'*Argania spinosa* L. skeep situés dans l'extrême sud-ouest de leur distribution annuelle au Maroc
3. **Saulnier M. & Fritas S.** - Reconstruction of the evolutionary history of genus *Silene* in the PACA region and its biogeography.
4. **Zaoui L.** - Contribution to the study of water pollution in the high valley oued Bounamoussa (North-East Algeria)
5. **Tifarouine L.** - The determination of trace metals among other: cadmium, mercury, zinc, iron, chromium, copper, in rodents in two Moroccan wetlands: Merja Zerga (Littoral) and Dayet Erroumi (Continental)
6. **Mnif L.** - Seedling recruitment and seed germination of *Stipagrostis ciliata* (Desf.) De Winter, a gypso-halocline species under Mediterranean bioclimate
7. **Doxa A., Martin-Queller E.** - Analysis of vulnerability of coastal plant diversity to global changes in the Mediterranean
8. **Alloui M.** - Etude de la Biodiversité du peuplement phytoplanctonique dans la Mare temporaire de Barika (Wilaya de Batna) Algérie.
9. **El Madihi M.** - Identifying key factors related to plant community structure in Mediterranean temporary ponds
10. **Tanet J.** - Are *Messor barbarus* ants good indicators to measure the resilience of ecosystems from human disturbance? The case of the plain of la Crau, Bouches du Rhône.

18h30: Back to Arles

Session 3: Population studies

9h00-9h50 Key note Session 3: Maria B. Garcia, Pyrenean Institute of Ecology (CSIC), Spain
Past and present approaches to track the dynamics of plant diversity. European legislation, unusual biology, and citizen science

9h50-11h10 (4 oral communications (15+5))

- 9h50: **Bulot A.** - Middens of harvester ants (*Messor barbatus*) increase locally seed and plant species-richness but not the seed bank memory of Mediterranean grasslands!
- 10h10: **Brochet A-L.** - Promoting International Waterbirds Counts over the whole North Africa for conservation of waterbirds
- 10h30: **Brogi A.** - Waterfowl foraging in winter-flooded rice fields: impact on weeds and stubbles
- 10h50: **Lieury N.** - Integrated population modelling in conservation biology: how to improve our demographical knowledge of an endangered Mediterranean population of Egyptian vultures

11h10-11h20: Coffee

Posters Session (5' each)

11. Schwartz T. - Natural nest-site selection process of the European Roller *Coracias garrulus* in South of France
12. Bendjeddou R. - Biodiversité et Phénologie des Anatidés hivernant au marais Mekhada (Nord-Est algérien)
13. Zediri H. - Effect of urbanization on the Breeding Ecology of a Rallidea protected species the purple swamphen (*Porphyrio porphyrio*), North East of Algeria.
14. Aouamri W. - Écologie de la reproduction de la poule d'eau *Gallinula chloropus* (Linnaeus, 1758), au lac Tonga, Nord-est Algérien
15. Guillemain D. - Coralligenous habitats characterization protocols for the effective evaluation of the good environmental status of the Mediterranean Sea - Mapping of coralligenous habitats by profiles surveys
16. Zinovia E. - Distribution of the genetic diversity within *Lithophyllum cabiochiae* (Boudouresque & Verlaque) Athanasiadis within the Mediterranean basin.
17. Dubois S. - Genetic structure population of the bryozoan *Myriapora truncata*, builder and component of the coralligenous
18. Campagne S. - Functional method of ecosystem services valuation for local management in a Regional Natural Park project.
19. Zaoui L. - Contribution to the study of water pollution in the high valley oued Bounamoussa (North-East Algeria)

12h30 - 14h00: Lunch

Session 4: Communities

14h00-15h30: Field visit (Tour du Valat estate)

15h30-15h50 Café

15h50-16h40 Key note Session 4: Juan José Negro, Estación Biológica de Doñana, CSIC (Spain)
"Doñana's frontier: the practice of conservation in a human landscape"

- 16h40: **Van den Broeck Maarten** - Diversity and distribution of large branchiopods in temporary ponds: living fossils along a climate and anthropogenic disturbance gradient in Morocco
- 17h00: **Pernollet Claire** - To Flood, or Not to Flood: that is a European question. Ducks wintering in rice fields in Camargue (France)
- 17h20: **Mieusset Julien** - How useful are plant community studies for coastal dune restoration

17h40 –18h00

Conclusions and perspectives (J. Blondel)

18h00 - 19h30: Friendly drink & food

19h45: Back to Arles

WEDNESDAY, 30TH APRIL 2014

9h00 - 16h00

Field visit in Camargue



Scientific Committee

Jacques Blondel (President), CEFE-CNRS Montpellier
Dr Arnaud Béchet, Tour du Valat, Arles
Dr Aurélien Besnard, CEFE-CNRS Montpellier
Prof. Mohamed Chaieb, University of Sfax, Tunisia
Dr Patrick Grillas, Tour du Valat, Arles
Dr Frédéric Médail, IMBE, Aix-Marseille
Dr Alexandre Millon, IMBE, Aix-Marseille
Dr Guillaume Papuga, CEFE-CNRS, Montpellier

Organisation Committee

Patrick Grillas, Tour du Valat
Florence Daubigney, Tour du Valat