

# Detailed programme

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## Tuesday 22nd August afternoon

### **Concertation, conflict resolution and Wildlife Management (Room Rondelet)**

**Chair: Philippe Chardonnet, Fondation François Sommer, France**

13:30-14:10 **Linnell: *Coexistence between wildlife and humans: contrasting insights from wildlife management and conservation biology* (Keynote)**

14:10-14:30 Wellig et al.: *Reactions of red deer (Cervus elaphus) to recreational and hunting activities*

14:30-14:50 Nyman & Karppinen: *How to promote the cooperation of wildlife management by using inclusion as a tool in collaborative management*

14:50-15:10 Alhainen: *Working with the landowners and local stakeholders for wildlife habitats*

15:10-15:30 Daim et al.: *Integrative sustainable wildlife management: principles, criteria and indicators for hunting, forestry, agriculture and recreation*

15:30-16:10 *Coffee break*

16:10-16:30 Bunnefeld et al.: *Conflict in conservation and management of wildlife: connecting ecological and socio-economic data across Europe*

16:30-16:50 Talvi: *Conflicts between large predators and farmers in Estonia: value of different conservation tools*

16:50-17:10 Mathisen & Skarpe: *Moose-adapted winter harvesting of Scots pine for integrated wildlife and forest management*

17:10-17:30 Strauss et al.: *Dispersal of wolves and lynx and their perceived effects on roe deer in the hunting districts of Lower Saxony, North Germany*

### **Mountain wildlife (Room Sully 2)**

**Chair: Raphaël Arlettaz, University of Bern & Swiss Ornithological Institute**

13:30-14:10 **Corlatti: *What are men to mountain mammals?* (Keynote)**

14:10-14:30 Toïgo et al.: *Climate change and biodemographic performance in a mountain ungulate: warm temperatures are bad for Alpine ibex (Capra ibex)*

- 14:30-14:50 Portanier et al.: *Evidences of sex-specific impacts of landscape on gene flows in a Mediterranean mouflon population*
- 14:50-15:10 Nahlik & Dremmel: *Competition between a native and a non-native ungulate – is mouflon an invasive species within Hungarian fauna?*
- 15:10-15:30 Deschamps et al.: *Capercaillie: is it a meaningful indicator for French central Pyrenees forest biodiversity?*
- 15:30-16:10 *Coffee break*

### **Harvest and population size in migratory birds (Room Sully 2)**

**Chair: David Scallan, FACE, Belgium**

- 16:10-16:30 Moreno et al.: *Do hunting bag changes match the population trends of Turtle Dove? The case of Spain*
- 16:30-16:50 Lormée et al.: *Assessing the sustainability of European Turtle-dove (*Streptopelia turtur*) hunting along the European western flyway*
- 16:50-17:10 Le Rest et al.: *Joint modelling of data from multiples sources: an application to abundance indexes of woodcock wintering in France*
- 17:10-17:30 Patrelle & Coquatrix: *Presentation of the French National Management Plan for the Eurasian Curlew (*Numenius arquata arquata*) 2015-2020*

### **Wildlife diseases and intoxication (Room Espace Joffre)**

**Chair: Yves Lecocq, IUGB President 2013, Belgium**

- 13:30-14:10 **Ryser-Degiorgis & Robin: *From wildlife population management to planetary health – a multidisciplinary challenge (Keynote)***
- 14:10-14:30 Lambert et al.: *“Do nothing” as a disease management strategy for pestivirus infection in Pyrenean Chamois?*
- 14:30-14:50 Muir et al.: *Sarcocystosis in European wildfowl and the hunters’ role in surveillance of an apparently emerging wildlife infection*
- 14:50-15:10 König: *Scabies in Bavarian Chamois (*Rupicapra rupicapra*) population: or why haven’t Chamois in Bavaria Scabies?*
- 15:10-15:30 Van de Wiele: *Bird flu in France since 2015: a disease of wild birds or livestock?*
- 15:30-16:10 *Coffee break*

- 16:10-16:30 Vittecoq et al.: *Modeling the spread of avian influenza viruses in aquatic reservoirs: a novel hydrodynamical approach applied to the Rhône delta (southern France)*
- 16:30-16:50 Caizergues et al.: *Shot-at Tufted ducks avoid hunted areas: evidence from long term-monitoring of embedded and ingested lead shot*
- 16:50-17:10 Miller: *Beliefs and support for use of nontoxic shot among Mourning Dove (Zenaida macroura) Hunters in Illinois, U.S.A.*
- 17:10-17:30 Cromie et al.: *Approaching a tipping point for transition to non-toxic ammunition?*

### **Perdix: Recovery of grey partridge (Room Sully 1)**

**Chair: Nicholas Aebischer, Game & Wildlife Conservation Trust, UK**

- 13:30-13:50 Hajas & Farago: *Recovering grey partridges: A genuine intersection of sustainable farming, wildlife conservation and management*
- 13:50-14:10 Ewald et al.: *Shoot management for grey partridge recovery over 15 years and its effect on arable flora and cereal invertebrates*
- 14:10-14:30 Homberger et al.: *Reintroduction of grey partridges: lessons from the Swiss recovery project in Geneva*
- 14:30-14:50 Buckley et al.: *The Demise and Recovery of the Grey Partridge Perdix perdix in the Wild in Ireland*
- 14:50-15:10 Manzer et al.: *Life on the Fringe - can grey partridge thrive on a modern farm?*
- 15:10-15:30 Ewald et al.: *Conserving ecosystems through sustainable use: solutions from the internet*
- 15:30-16:10 *Coffee break*

### **Perdix: Population monitoring – abundance, trend (Room Sully 1)**

**Chair: Manel Puigcerver, University of Barcelona, Spain**

- 16:10-16:30 Jimenez-Blasco et al.: *Increase of over-wintering individuals in Spain of a transaharian migratory game bird: the Common Quail (Coturnix coturnix)*
- 16:30-16:50 Puigcerver et al.: *Population trends of the Common quail (Coturnix coturnix) in France and Spain conflicting data or controversial census methodologies*
- 16:50-17:10 Canonne et al.: *Spatio temporal demographic trends of Black Grouse in the French Alps*

17:10-17:30 Malone et al.: *Integrating harvested wing data and mark-recapture data for age-specific abundance estimates of Northern Bobwhite populations*

## Wednesday 23rd August morning

### Human-wildlife conflicts (Room Rondelet)

**Chair: Laurent Courbois, Fédération Nationale des Chasseurs, France**

- 09:00-09:40 **Massei: *Mitigating human-wildlife conflicts in an overcrowded continent: is fertility control a solution?* (Keynote)**
- 09:40-10:00 Cappa et al.: *Distribution and factors affecting wild boar (Sus scrofa) damage in a lowland area in northern Italy*
- 10:00-10:20 Hahn: *Success and failure of a stakeholder based approach mitigating human-wild boar conflicts in rural areas in Bavaria (South East Germany)*
- 10:20-11:00 *Coffee break*
- 11:00-11:20 Rutten et al.: *Using an Unmanned Aerial Vehicle (UAV) and Object Based Image Analysis (OBIA) to map agricultural damage by wild boars in Flanders, Belgium*
- 11:20-11:40 Belova & Tarvydas: *Assessment of wild boar damage in Lithuania*
- 11:40-12:00 Pokorny et al.: *A razor-wired border fence as a threat for wildlife in Southeast Europe*
- 12:00-12:20 Battoraro & Illarietti: *Evaluation of the impact of winter recreational activities on a Black Grouse (Lyrurus tetrix) population in the Gran Paradiso National Park*

### Predator-prey relationships (Room Sully 2)

**Chair: Christophe Duchamp, ONCFS, France**

- 09:00-09:40 **Andrén: *Predator – prey interactions in human dominated landscapes* (Keynote)**
- 09:40-10:00 Letty et al.: *Exploring predator-prey relationship through experimental reduction of red fox and its effect on brown hare population dynamics*
- 10:00-10:20 Jacquier et al.: *'Chicken-eating' foxes: isotopic evidence of individual specialisation in a rural population of red fox (Vulpes vulpes)*
- 10:20-11:00 *Coffee break*
- 11:00-11:20 Braunisch et al.: *Red deer abundance drives the establishment of wolves in the Western Swiss Alps*
- 11:20-11:40 Gastineau et al.: *Spatial and temporal variability of depredation on livestock by brown bear, Ursus arctos, in the Pyrenees, France*

11:40-12:00 Elmhagen: *Global change and the Scandinavian wildlife community - answers provided by long-term hunting bag data*

12:00-12:20 Michler et al.: *Unsuspecting immigrant or ecological threat – a long-term field study on the introduced raccoon (Procyon lotor, Carnivora: Procyonidae) in Germany*

### **Workshop: Lagomorphs in Europe: Conservation and Population dynamics (Room Sully 3)**

09:00-09:20 Alves: *Non-invasive genetic sampling: a tool for wildlife management and conservation*

09:20-09:40 Bouche et al.: *Monitoring mountain hares (Lepus timidus) population by collecting faeces in winter. Developing management tools in the Ecrins national park*

09:40-10:00 Hackländer et al.: *Coat colour change pattern in Alpine mountain hares (Lepus timidus varronis) along an altitudinal gradient in Grisons, Switzerland: implications for game management*

10:00-10:20 Discussion

10:20-11:00 *Coffee break*

11:00-11:20 Lombardini et al.: *Ecology of the European hare in a farmland area of Northern Italy*

11:20-11:30 Strauss et al.: *Long-term Population Trends on Brown Hare in Intensively Used Agricultural Landscape*

11:30-11:40 Mauvy et al.: *Declining breeding success in European hare (Lepus europaeus) populations in France*

11:40-11:50 Letty et al.: *Impact of an outbreak of RHDV2 on a semi-natural population of European rabbits in France*

11:50-12:20 Discussion

### **Workshop: Sustainable waterbird harvest (Room Espace Joffre)**

09:00-09:40 **Madsen: *Getting started with adaptive management of migratory waterbirds in Europe: the challenge of multifaceted interests (Keynote)***

09:40-10:00 Le Maresquier: *Adaptive Harvest Management (AHM) of waterbirds in the context of the EU Birds Directive*

10:00-10:20 Trouvilliez: *Waterbird conservation and sustainable use under AEWA*

10:20-11:00 *Coffee break*

11:00-11:20 Johnson: *Harvest management of Taiga Bean Geese in the face of demographic uncertainty*

11:20-11:40 Scallan & Nagy: *Information requirements and data availability to support adaptive harvest management in Europe*

11:40-12:00 Williams et al.: *Managing geese and the influence of different hunter typologies: hunting behaviour and motivations of Danish goose hunters*

12:00-12:20 Round table

### **Perdix: Demography & population dynamics (Room Sully 1)**

**Chair: John Carroll, University of Nebraska, USA**

08:40-09:00 McConnell et al.: *Estimating northern Bobwhite recruitment using integrated population models*

09:00-09:20 Terhune et al.: *Novel Methods for Estimating Neonate Survival of Northern Bobwhite*

09:20-09:40 Baines et al.: *Respiratory cryptosporidiosis: lethal and sub-lethal impacts of infection on Red Grouse, a wild gamebird of economic importance*

09:40-10:00 Guzman & Arroyo: *Red-legged partridge *Alectoris rufa* productivity in relation to weather and land use*

10:00-10:20 Buner: *Causes of grey partridge overwinter losses on lowland farmland in England*

10:20-11:00 *Coffee break*

### **Perdix: Habitat occupancy (Room Sully 1)**

**Chair: Julie Ewald, GWCT, UK**

11:00-11:20 Hagen et al.: *Multi-scale occupancy models provides insights to landscape conservation needs of Lesser Prairie-Chicken*

11:20-11:40 Elmore et al.: *Extreme weather events create pinch points for northern bobwhite*

11:40-12:00 Schöll & Hille: *The grey partridge (*Perdix perdix*) in Vienna: population trends and habitat preferences*

12:00-12:20 Burnett et al.: *Gray Partridge Distribution in North America: Changing Landscapes and Environment for an Introduced Species*



## Wednesday 23rd August afternoon

### Human & wildlife sharing habitat (Room Rondelet)

**Chair: Anders Lundvall, Swedish Environmental Protection Agency**

- 13:40-14:20 **Gehrt: *Carnivores among people: urban ecology of carnivores with insights from coyotes in Chicago* (Keynote)**
- 14:20-14:40 Peerenboom et al.: *Rather talk than trap - why we need to change wildlife management concepts for urban areas*
- 14:40-15:00 Rouco et al.: *Just follow the road to find European rabbit causing damage to agriculture in southern Iberian Peninsula*
- 15:00-15:20 Thompson et al.: *Ecosystem services provided by beavers (Castor spp.)*
- 15:20-15:40 Tari et al.: *Reasons of the synurbanization of wild boar in the region of Lake Balaton*
- 15:40-16:20 *Coffee break*

### Waterbird breeding ecology (Room Rondelet)

**Chair: Johan Elmberg, Kristiantad University, Sweden**

- 16:20-16:40 Pöysä et al.: *Habitat change and population decline in breeding wigeon Anas penelope*
- 16:40-17:00 Folliot et al.: *Precocity as a major determinant of Common Pochard (Aythya ferina) nesting success*
- 17:00-17:20 Clark et al.: *Northern pintails in agroecosystems: resolving trade-offs between competing conservation goals*
- 17:20-17:40 Selivanova & Mikhantsev: *Influences of climate oscillations on population dynamics of nesting ducks in the south of Western Siberia*

### Ecology of ungulates (Room Sully 2)

**Chair: Patrick Duncan, CNRS, France**

- 13:40-14:20 **Gaillard: *How do ungulates respond to environmental changes in temperate ecosystems?* (Keynote)**
- 14:20-14:40 Debeffe et al.: *Activity pattern of partially migratory male and female deer: the forage maturation hypothesis meets sexual segregation theory*
- 14:40-15:00 Harper et al.: *Seral Stage Manipulation Increases Nutritional Carrying Capacity for Cervids*

- 15:00-15:20 Ofstad et al.: *Location, location, location! Fitness consequences of choosing among habitats*
- 15:20-15:40 Bonnot: *Individual variation in stress response in Roe deer*
- 15:40-16:20 *Coffee break*
- 16:20-16:40 Markussen et al.: *Causes and consequences of age at first reproduction in male moose*
- 16:40-17:00 Vanpe et al.: *Old roe deer females avoid mating with old males*
- 17:00-17:20 Ebert et al.: *Sex-specific estimation of red deer population size – using non-invasive genetic sampling*
- 17:20-17:40 Pedersen et al.: *Use of DNA technology to define moose populations for management*

**Perdix: Management – habitat, predators, harvest, releases (Room Sully 1)**

**Chair: Jérôme Duplain, Swiss Ornithological Institute, Switzerland**

- 13:40-14:00 Jackson et al.: *Partial meso-mammal predator removal positively affects northern bobwhite reproduction*
- 14:00-14:20 Olsen et al.: *Landscape-scale removal of conifers to improve sage-grouse vital rates*
- 14:20-14:40 Ludwig & Baines: *Can the restoration of heather habitat mitigate the impact of raptor predation on red grouse?*
- 14:40-15:00 Green et al.: *Adaptive harvest and habitat management of Northern Bobwhites: balancing population recovery and cultural heritage*
- 15:00-15:20 Powell: *Game bird harvest on private lands in the USA: should we manage pheasants like fish?*
- 15:20-15:30 Souchay et al.: *Investigating survival of wild and hand-reared red-legged partridges in Southern France*
- 15:30-15:40 Fruitet et al.: *Use of water troughs by the wild red-legged partridge, *Alectoris rufa*, in the south of France. Results of 2 years of camera-trapping*
- 15:40-16:20 *Coffee break*

**Perdix: workshop (Room Sully 1)**

16:20-17:40 *How to release partridges for conservation and shooting in the 21st century?*

### **Workshop: Camera traps and their use (Room Sully 3)**

13:40-14:00 Massei & Beatham: *Camera traps in wildlife research: a look to the future*

14:00-14:20 Huber: *Lepus: introducing an all-in-one software for camera trap data treatment (from data input to analysis)*

14:20-14:40 Mengulluoglu et al.: *Prey preferences of Anatolian lynx in three different ecosystems of Turkey*

14:40-15:00 Lombardi et al.: *An Integrated method for evaluating density of Roe Deer based on camera trapping and capture-mark-recapture in a forested area of high mountain*

15:00-15:20 Ngama et al.: *Video and camera traps to investigate animal ecophysiology and enhance wildlife management: case study on bees and elephants interactions in Gabon*

15:20-15:40 Beatham et al.: *Measuring the distributions and densities of wild mammals in Kosovo using camera traps and local hunting community engagement*

15:40-16:20 *Coffee break*

16:20-16:40 Mengulluoglu & Ambarli: *Is there a real conflict of interest between hunters and caracals in the Mediterranean Turkey?*

16:40-17:00 Arlettaz et al.: *Abnormally low lynx density in the SW Swiss Alps points to poaching, what targeted inquiries confirm...*

17:00-17:20 Fischer & Félix: *MCR-system: combining passive marking and MR models to evaluate wild boars (*Sus scrofa*) abundances.*

17:20-17:40 Discussion

### **Workshop: Conservation and management on private lands (Room Espace Joffre)**

13:40-14:00 Hewitt: *Welcome and Introduction: Wildlife Management in the Shadow of the Human Footprint*

14:00-14:20 DeYoung: *Intensive Management of Native Ungulates: Conservation Success Inside a Pandora's Box*

- 14:20-14:40 Ortega: *Livestock-Wildlife Disease Interactions in the Rural Landscape*
- 14:40-15:00 Fulbright et al.: *Managing Thermal Landscapes for Quail: An Increasingly Hot Topic*
- 15:00-15:20 Grahmann: *Working across boundaries to conserve upland gamebirds in Southern Texas: a case study*
- 15:20-15:40 Harveson: *Value in the eye of the beholder: landowner-driven restoration of Pronghorn*
- 15:40-16:20 *Coffee break*
- 16:20-16:40 Strickland: *Effective strategies for wild pig management in the southeastern U.S.*
- 16:40-17:00 Demarais: *Private landowners as a source of data for research and management evaluation: deer management assistance program*
- 17:00-17:20 Reilly: *The South African game ranching industry: Quo Vadis*
- 17:20-17:40 Discussion

## Thursday 24th August morning

### **Waterbird population management (Room Rondelet)**

**Chair: Jean Jalbert, Tour du Valat, France**

- 09:00-09:20 Champagnon et al.: *Effects of restocking for hunting purpose: the Mallard case*
- 09:20-09:40 Dalby et al.: *Predicting outcomes of management actions using individual-based modelling within adaptive management framework*
- 09:40-10:00 Holm et al.: *Status of the Danish action plan to reduce wounding of game by shotgun hunting*
- 10:00-10:20 Therkildsen et al.: *Status of the implementation of the AEWA International Single Species Action Plan for the Taiga Bean Goose*
- 10:20-11:00 *Coffee break*
- 11:00-11:20 Sorrenti et al.: *Waterbirds hunting harvest in Italy: results from the seasons 2003-2012*
- 11:20-11:40 Galia et al.: *Trends in Teal bag in the Camargue: impact of weather and multi-scale abundance*
- 11:40-12:00 Solokha & Gorokhovsky: *Estimating waterbird harvest in Russia*
- 12:00-12:20 Christensen: *Using stable isotope analyses to assess the impact of hunting on the breeding population of Common Snipe in Denmark*

### **Movement and Habitat use (Room Sully 2)**

**Chair: Sandrine Ruelle, ONCFS, France**

- 09:00-09:20 Hofman et al.: *The performance of satellite telemetry in wildlife research: what does the evidence show?*
- 09:20-09:40 Walton et al.: *Here, there and everywhere: Spatial ecology of the red fox*  
*(A project overview)*
- 09:40-10:00 Ranc et al.: *The golden jackal (Canis aureus) in Europe: predicting habitat suitability of a rapidly establishing carnivore*
- 10:00-10:20 Zimmermann et al.: *Who is outside the door? Wolf movement in relation to human settlements*
- 10:20-11:00 *Coffee break*

### **Ungulate breeding ecology (Room Sully 2)**

**Chair: Sonia Saïd, ONCFS, France**

- 11:00-11:20 Sandor et al.: *Characteristics of fallow deer reproduction and time of conception*
- 11:20-11:40 Lombardi et al.: *Generalized Structural Equations improve sexual-selection analyses*
- 11:40-12:00 Gamelon et al.: *Reproductive allocation in pulsed-resource environments: a comparative study in two populations of wild boar*
- 12:00-12:20 Gayet et al.: *SNPs or Microsatellites? Assessing the reliability of different molecular markers to identify wild boar x domestic pig hybrids*

**Learning from hunted animals (Room Sully 3)**

**Chair: Craig Miller, Illinois Natural History Survey, USA**

- 09:00-09:20 Landry et al.: *Population demographics of West Virginia bobcats using age-at-harvest data*
- 09:20-09:40 Miller et al.: *Treasure in the Bag – Analysis of hunting statistics and trophies proves unsustainable management of Chamois (*Rupicapra rupicapra L.*) in Bavaria, Germany*
- 09:40-10:00 König et al.: *Plasticity of roe deer on annual changes of energy and quality in their diet*
- 10:00-10:20 Hackl et al.: *Non-Invasive monitoring of glucocorticoid metabolite response in *Capreolus capreolus* - Impact of a drive hunt*
- 10:20-11:00 *Coffee break*

**Releases and reintroductions (Room Sully 3)**

**Chair: Roger Draycott, Game & Wildlife Conservation Trust, UK**

- 11:00-11:20 Fusari et al.: *Reintroduction of large game species to Gilé National Reserve, Mozambique*
- 11:20-11:40 Sabalinkienė et al.: *Population quality of free-ranging European Bison in Lithuania*
- 11:40-12:00 Rousteau et al.: *Dynamics and viability of a reintroduced population after 24 years of release: the case of the cinereous vulture *Aegypius monachus* in France*
- 12:00-12:20 Bacon et al.: *Age-dependent breeding performances of a reinforced bird population in the wild*

**Perdix: Ecotoxicology (Room Sully 1)**

**Chair: Anouk Decors, ONCFS, France**

08:40-09:20 **Bro: Pesticides and Galliformes: new concerns for an old issue? Overview and perspectives of research (Keynote)**

09:20-09:40 Mougeot et al.: *Pesticide-coated seeds as a threat to red-legged partridges and other granivorous farmland birds: evidence from studies conducted in Spain*

09:40-10:00 Barfknecht et al.: *Post-registration field monitoring studies during drilling with imidacloprid-dressed winter cereal seeds to assess the acute risk to birds*

10:00-10:20 Millot et al.: *Field evidence of neonicotinoid direct toxic effects on birds*

10:20-11:00 Coffee break

**Perdix: Animal and population biology (Room Sully 1)**

**Chair: Beatriz Arroyo, IREC, Spain**

11:00-11:20 Kallioniemi et al.: *Who took the eggs - an experimental wildlife camera trap survey*

11:20-11:40 Gottschalk & Beeke: *Reducing nest predation in partridges by adaption of landscape elements*

11:40-12:00 Olesen: *New findings in dispersal, habitat related breeding success and predation in Danish grey partridge*

12:00-12:20 Bernard-Laurent et al.: *The reproductive biology of Rock partridge (Alectoris graeca saxatilis) in the southern French Alps: first evidence of double nesting behaviour*

**Workshop: Ecology and Management of multispecies ungulate communities in Europe (Room Espace Joffre)**

09:00-09:20 Cromsigt et al.: *Beyond Moose – the ecology and management of multispecies ungulate systems*

09:20-09:40 Spitzer: *Trophic interactions in Sweden's diverse ungulate communities*

09:40-10:00 Pfeffer et al.: *Impacts of diverse ungulate communities on forestry in different land-use settings*

10:00-10:20 Chassagneux et al.: *Does hunting affect red deer (Cervus elaphus) and wild boar (Sus scrofa) spatial behaviours in the same way?*

10:20-11:00 Coffee break

11:00-11:20 Burrell et al.: *Current distributions of wild-ranging deer species in the United Kingdom*

11:20-11:40 Bernard et al.: *Are plant – ungulates interactions related to climate? Comparison of consumption indexes along elevation gradients across a latitudinal gradient of European sites*

11:40-12:20 Discussion