

1. Scientific Summary (max. 1000 words) and Abstract (max. 50-70 words)

Scientific Summary

The workshop was held at Chalets d'Irati-Larrau/Lorraine, Pyrénées-Atlantiques, France, from Thursday 9th to Saturday 11th June 2016. In order to find a strategical alignment suitable and beneficial for all raptor migration sites three focal species were discussed to describe the overall migratory behavior by magnitudes, phenology, age and sex rates among different migration count sites. The general applied monitoring protocols resemble much and differ mostly in details of identification as for sex and age classes, whereas daily and seasonal coverage of the count strongly depends on the regional and local geography and climate. Although not all sites perform full coverage the research question in focus differs depending on specific focal species and objectives. Addressing cooperated research questions coverage and identification details can be harmonized and adopted to reach sufficient scientific data to profoundly respond to population hypotheses on European level including measurements across the western palearctic migration concentration points. The discussions on the three selected focal species European Honey Buzzard, Marsh Harrier and Short-toed Eagle gave an example based insight to create ideas and outlook for harmonizing protocols. Additional discussions and presentations on data recording tools, data analysis methods, and management of migration sites gave further insight to form objectives for the strategical and joint alignment of pan-european raptor migration sites. As a result objectives were defined to create a memorandum on which participating migration sites agree on to collaborate in future and on the long term. Following objectives were defined:

Conservation of European raptor populations, safety of the raptor flyways, harmonizing and unifying methods of raptor counts, openness to everybody (irrespective to gender, culture, origin, religion and nationality), exchange of knowledge and experiences, create awareness for raptor migration and conservation and promote environmental education, promote holistic approach, promote tools for data recording and analyses, report trends and migratory population sizes, create a centralized raptor migration database, perform citizen science, promote raptors as a conservation tool (indicators « flagship species »), capacity building to create experts in raptor conservation, cooperate in fund rising and public relation work, promote scientific knowledge, expending and maintaining the network of migration sites, promoting ecotourism, civil participation on the migration sites, and to create best practice tools to ensure strategical alignment within the network.

The memorandum will be optimized and submitted for signature to all members subsequently to the workshop but latest in autumn 2016. Based on this the Raptor Migration Network (Monitoring the European-African Flyways) will be officially founded to ensure regular meetings and workshops to promote the defined objectives. As a second milestone an online portal will be created under raptormigrationnetwork.org to consolidate the public relation work for all network members and provide sufficient information on pan-european raptor migration.

Abstract

The workshop overviewed and discussed the existing protocols for raptor migration counts and management of sites to draft objectives for the memorandum on strategical alignment of pan-european raptor migration sites to establish a comprehensive monitoring of European raptor migrant populations in order to facilitate pan-european analysis and a network of migration sites for knowledge exchange in methods, analysis, and site management.

2. Meeting Program

Place: Chalets d'Irati-LARRAU/LARRAINE, Pyrénées-Atlantiques, FRANCE

Thursday 9th to Saturday 11th June 2016

9th June 2016

- 09:00 - 09:30 Opening talk by chairman
(Speaker: Jasper Wehrmann)
- 09:30 - 12:00 European population monitoring of three focal species Part I
(Speaker: Jasper Wehrmann)
- 12:00 - 13:00 Lunch break
- 13:00 - 15:00 European population monitoring of three focal species Part II
(Speaker: Michele Panuccio, Noam Weiss)
- 15:00 - 15:45 Coffee break (social round)
- 15:45 - 18:00 Data recording and storage
(Speaker: Gerard Troost)

10th June 2016

- 09:00 - 11:00 Management of migration sites (funding, volunteers, public relation & reporting)
- 11:00 - 13:00 Development of joint alignment of western palearctic migration sites
- 13:00 - 14:00 Lunch break
- 14:00 - 15:00 European population monitoring of three focal species Part III
(Speaker: Jean-Paul Urcun)
- 15:00 - 15:30 Coffee break
- 15:30 - 17:30 Data analysis: population trend index
(Speaker: Beatriz Martin)
- 17:30 - 18:00 Summary and Outlook

11th June 2016

Field trip on raptor migration monitoring protocol (Organbidexka) and to the Iraty forest

3. Curriculum Vitae of Scientific Organizer including list of five most relevant publications during the last five years

Urcun Jean-Paul
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Born May 22, 1963

GRADUATES

June 1986 Degree in Physics at the University of Haute-Bretagne (Rennes).

PROFESSIONAL EXPERIENCE

Currently employed at the LPO Aquitaine since July 8, 2008 with the following missions:

- Coordination of four migration sites of the Regional Observatory of Migration in Aquitaine (Pointe de Grave, Cap Ferret, Organbidexka, Lindus, Lizarieta), data treatment, media relations, participation in the migration study networks in France and Europe.
- Ornithological studies
- Chiropterological studies

Ornithological experience on bird migration

Project manager for Organbidexka Col Libre: Coordination of the migration study sites, Data Processing, Media relations, migration Participation in the study of networks in France and Europe, training of observers of migration 7 July 1994 in July 7, 2008

Scientific Manager of Camp Study of Migration to the Pointe de Grave (33) for the LPO France: Counting of Migratory Birds, Media Relations and Public Home on the site Mars 15 to 31 May 1994
Responsible for study Organbidexka Col Libre (64): Development of a method for monitoring the abundance levels of migratory bird populations Contract Research Service, Studies and Information Processing on Environment 2 January to 28 February 1993

Permanent Scientific Camp Study of Migration Common Lindus Banca (64) for Organbidexka Col Libre: Counting of Migratory Birds: from August to November 1989 and 1990

Standing on the Col d'Organbidexka (64) for Organbidexka Col Libre: Counting of Migratory Birds and Public awareness: September 15 to October 30, 1988

FILIPPI-CODACCIONI, O., MOUSSUS, J-P., URCUN, J-P., JIGUET, F. (2010) "[Advanced departure dates in long-distance migratory raptors](#)" *Journal of Ornithology* 151:687-694.

FILIPPI-CODACCIONI, O. MOUSSUS, J-P., URCUN, J-P., JIGUET, F. (2011) "[Advanced autumn migration of the Common Crane Grus grus over Western Pyrenean passes](#)" *Acta Ornithologica* 46:

URCUN J-P. (2012) A preliminary overview of monitoring for raptors in France. *Acrocephalus* 33 (154/155): 217–223, 2012

4. List of speakers/participants

Speakers:

Jasper Wehrmann, Batumi Raptor Count, MEROS

Jean-Paul Urcun, LPO Aquitaine

Michele Panuccio, Medraptors

Gerard Troost, SOVON, Trektellen

Noam Weiss, Society for Protection of Nature in Israel

Beatriz Martin, Migres Foundation

The following experts participated in the workshop and approved the strategical joint alignment:

| Surname | First name | Organization | Country |
|-----------------|-------------------|---|----------------|
| Wehrmann | Jasper | Batumi Raptor Count | Germany |
| Urcun | Jean-Paul | LPO Aquitaine | France |
| Panuccio | Michele | MEDRAPTORS (Mediterranean Raptor Migration Network) | Italy |
| Onrubia Baticon | Alejandro | Migres Foundation | Spain |
| Weiss | Noam | Society for the Protection of Nature in Israel | Israel |
| Tsiopelas | Nikolaos | Hellenic Ornithological Society | Greece |
| Profirov | Lyubomir | Institute of Biodiversity and Ecosystem Research, Sofia, associate researcher | Bulgaria |
| Bonavia | Edward | BirdLife Malta | Malta |
| Martin | Beatriz | Migres Foundation | Spain |
| Troost | Gerard | Trektellen | Netherlands |
| Rafael | Benjumea | Batumi Raptor Count | Spain |
| Fetting | Pia | University of Greifswald | Germany |
| Heiss | Michael | Vogelwarte Hiddensee, Greifswald University, Germany | Germany |
| De Jong | Albert | Trektellen.nl & Sovon | Netherlands |
| Cavaillès | Simon | Batumi Raptor Count | France |
| Pérez | Blanca Lozano | MEDRAPTORS (Mediterranean Raptor Migration Network) | Spain |
| Scacco | Martina | Medraptors, Ornis italica | Italy |
| Yilmaz | Gizem | | Turkey |

Raptor Migration Network

Monitoring the European-African Flyways

Draft of objectives for the network based on the workshop discussions at Eurapmon's scientific workshop on harmonizing pan-european raptor monitoring standards in Organbidexka, France, June 2016.

COLLABORATION

- Exchange of knowledge, tools and persons among migration sites
- Expanding and maintaining the network of migration sites
- Cooperate in fundraising
- Creating a centralized raptor migration database

CONSERVATION

- Conservation of European migratory raptor populations
- Safeguarding the raptor flyways
- Promote raptor as a conservation tool (indicators « flagship species »)

EDUCATION & CAPACITY-BUILDING

- Create awareness for raptor migration and conservation and promote environmental education
- Promote holistic approach
- Perform citizen science
- Capacity building to create experts in raptor conservation
- Promoting ecotourism
- Civil participation on the migration sites
- Openness to everybody (irrespective to race, gender, religion and sexual orientation)

RESEARCH

- Harmonizing and unifying methods of raptor counts
- Promote tools for data recording and analyses
- Report about trends and migratory population sizes
- Promote scientific knowledge
- Create best practice tools