

WG4 Thessaloniki – summary & next steps

European
Raptor
Biomonitoring
Facility



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Photo by Edmund Fellowes



WG4 Field Arena

Florence General Meeting (5-6 March) WG4 Meeting (7-8 March)

- Presentation of WG4 work from this grant period to our whole network
- Consolidation of missions from this grant period and writing papers
- Development of ERSamP
- Planning for Grant Period 3 (May 2019 to April 2020)

WG4 Field Arena - Tasks



<p>T4.1 Develop framework for European Raptor Sampling Programme (ERSampP) (a) focal species & sample matrices (b) existing sampling coverage and gaps (c) opportunities to fill gaps (d) contextual data for interpretation of contaminant exposure</p>	<p>Grant Period 1-2 First draft by April 2019</p>
<p>T4.2 Review key constraints (legislative/practical) to activities (e.g. nest visits, transfer of samples between countries) for sampling and contextual data; identify how to resolve constraints</p>	<p>Grant Period 1-3 Mission by April 2019</p>
<p>T4.3 Develop best practice guidance and protocols for raptor sampling and contextual data capture; trial with one or more case study species from several European countries; review and amend as appropriate; disseminate guidance and protocols</p>	<p>Grant Period 2-3 Mission by April 2019 Vulture Task Group 2 Missions in 2019</p>
<p>T4.4 Expand stakeholder involvement in raptor sampling and contextual field data gathering - assessing potential; identifying ways to involve more professional and amateur ornithologists in raptor biomonitoring (working with NGOs and raptor ecologists in the network); developing guidance on recruitment and training</p>	<p>Grant period 3-4 Mission in 2019 Workshop in 2019 Training school</p>
<p>T4.5 Deliver proof of concept involving, for a case study focal species (or group of species), applying the framework, guidance and protocols to collect new raptor samples and contextual field data through existing and/or novel networks</p>	<p>Grant period 3-4 Workshop in 2019 Funding discussions Missions</p>

WG4 Grant period 3 (May 2019 – April 2020)



- **3 short-term missions** (1) guidance for training and volunteer recruitment, (2) protocols for another species group, (3) another species group
- **Identify hosts and mission applicants**
- **WG4 workshops** on finalising guidance and engaging new people in collecting samples and data (Slovenia, September 2019)
- **Let us know if you are interested in coming or who else we should invite**



Photo by Jill Pakenham



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- Publications
- Proof of concept studies
- Funding proposals
- Other ideas?

WG4 Other activities

PUBLICATIONS



Bird Study special issue

Guest Editors:
Chris Wernham
Al Vrezec

Volume 65, Eurapmon Special Issue, December 2018

ISSN: 0006-3657

Bird Study

The Science of Pure and Applied Ornithology



Bird Study The Science of Pure and Applied Ornithology

Volume 65 Part 3, August 2018



Editorial

Guy Duke, Al Vrezec, Paola Movalli, Irena Bertoncelj & Chris Wernham

Raptor monitoring: challenges and benefits

Fabrizio Sergio

A review of raptor and owl monitoring activity across Europe: its implications for capacity building towards pan-European monitoring

Maja Derlink, Chris Wernham, Irena Bertoncelj, András Kovács, Pertti Saurola, Guy Duke, Paola Movalli & Al Vrezec

The Scottish Raptor Monitoring Scheme: recent developments in good practice monitoring

Amy Challis, Colin Edwards, Alan Heavisides, Mark Holling, Kenny Kortland, Wendy Mattingley, Gordon Riddle, Staffan Roos, Andrew Stevenson, Patrick K Stirling-Aird, David A Stroud, Chris V. Wernham & Mark W Wilson

Are common bird monitoring schemes and opportunistic observations appropriate for estimating raptor trends?

Ülo Väli, Jaanus Elts & Hannes Pehlak

Monitoring methods for the Golden Eagle *Aquila chrysaetos* in Norway

Jan Ove Gjershaug, Henrik Brøseth, Oddmund Kleven, John Atle Kålås, Jenny Mattisson & Mari Tovmo

Territory monitoring of Tawny Owls *Strix aluco* using playback calls is a reliable population monitoring method
Al Vrezec & Irena Bertoncej

Towards integrated population monitoring based on the fieldwork of volunteer ringers: productivity, survival and population change of Tawny Owls *Strix aluco* and Ural Owls *Strix uralensis* in Finland
Pertti Saurola & Charles Francis

Migrating raptor counts: the need for sharing objectives and field protocols, and the benefits of using radar
Michele Panuccio, Nicolantonio Agostini, Giuseppe Bogliani & Giacomo Dell'Omo

A comparative study of Ural Owl *Strix uralensis* breeding season diet within its European breeding range, derived from nest box monitoring schemes
Al Vrezec, Pertti Saurola, Andris Avotins, Stiven Kocijančič & Seppo Sulkava

Monitoring contaminants, emerging infectious diseases and environmental change with raptors, and links to human health
Paola Movalli, Oliver Krone, Dan Osborn & Deborah Pain

PUBLICATIONS



DRAFT PROPOSAL

Book or journal special issue

European Raptor Biomonitoring Framework

1. **ERBioMS – theoretical framework**
2. **ERSpeB – theoretical framework**
3. **ERSamP – theoretical framework**
4. **Case studies or proofs of concepts**

WG4 Field Arena



WG4 Team

Management of WG4 work programme

Chris Wernham

Al Vrezec

Rui Lourenço

Arianna Aradis

Ándrás Kovacs

WG4 Task Groups

Vulture guidance

Jovan Andevski

Rafa Mateo

STSM Mission hosts

Giacomo Dell'Omo

Jari Valkama

Rui Lourenço

WG4 Corresponding members
including other WG Leads



A_ 09:12



Thanks!



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