

## SHORT TERM SCIENTIFIC MISSION (STSM) SCIENTIFIC REPORT

This report is submitted for approval by the STSM applicant to the STSM coordinator

**Action number:** CA16224

**STSM title:** European Raptor Biomonitoring facility

**STSM start and end date:** 17/03/2019 – 30/04/2019

**Grantee name:** Georgios Smpokos

**Grantee home institution:** Natural History Museum of Crete, Heraklion Greece

**Host name:** Peter Hosner

**Host institution:** Natural History Museum of Denmark, Copenhagen Denmark

### PURPOSE OF THE STSM

The purpose of this STSM is to provide consultation on the legislative and administrative duties of shippers of raptor specimen regarding permits and shipment declarations according to EU and -when applicable- to international legislation. The consultation indicatively includes:

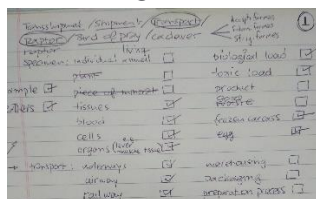
1. Several proforma (MAT agreement, dispatch-reception-storage protocols and declarations)
2. Check lists for packaging and shipping instructions.
3. Guide of approx. 20 pages (permits required, best practice suggestion for packaging, sending, receiving, cataloguing, photos for practical performance in packaging, handling with specimens, video podcast highlighting shipment obligations)

This STSM benefited from the supervision by the Action Chair, Guy Duke, Dr Paola Movalli, Peter Hosner and the significant assistance provided by Mr Jan Bolding, collection director at the Natural History Museum of Denmark and Friederike Woog, bird curator at the Naturkunde Museum Stuttgart.

### DESCRIPTION OF WORK CARRIED OUT BETWEEN 15-27/04/19 IN DENMARK

Host Institute                      KU Copenhagen – NHMD, Universitetsparken 15, 465, DK-2100 Copenhagen

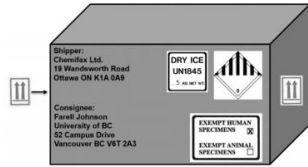
15/04/2019      Arrival. Entry keys & card. Premises inspection with NHM Director Peter Hosner. Meeting held with agenda: STSM scope, preliminary questionnaire for Mr Hosner, feed back.



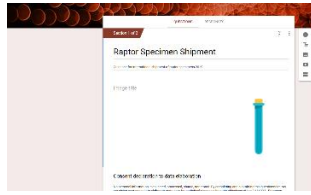
16/04/2019      Shipment procedure as foreseen in legislation. Draft procedure step by step. Questionnaire for APEX members and EU NHMs /word doc sharing with Guy Duke & Paola Movali. Bio-material transport UN recommendations.

1. Check if specimen is included in Appendix I of CITES
2. Apply a prior grant import or /export permit if applicable
3. Obtain initial or loan specimen
4. Register incoming specimen as initial /for loan
5. Provide short term storage
6. Ask for preliminary screening from veterinarian /toxicologist
7. Classify the extent to which the specimen can harm

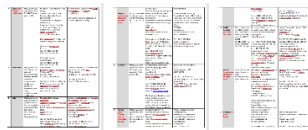
17/04/2019      The CITES agreement, the Guidance provided from Edinburg University Health & safety Dept. & University of Saskatchewan have been studied.



18/04/2019 Questionnaire uploaded in Google Drive. The Bern convention has been studied.



19/04/2019 Excel list of Countries ratified CITES agreement and their managing/ scientific bodies. Exemptions of transport declaration according to CITES – Paola Movali's ppt's have been studied. The list of Questionnaire recipients has been updated.



20/04/2019 Subscription of draft report / info collected so far (22 pages). The WHO guidance has been studied.

21/04/2019 The Nagoya agreement (MTA) and a draft CETAF Agreement from NHM Denmark's collection manager Mr Jan Bolding have been studied.

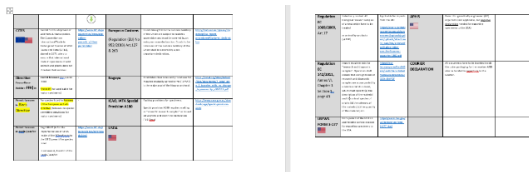


22/04/2019 Questionnaire additional questions have been modified. A list with links to online permit forms has been created.

23/04/2019 The agenda meeting with Mr Jan Bolding meeting on Wednesday has been planned. The Nagoya Agreement has been studied. A Skype meeting with Guy Duke & Paola Movali was held.

24/04/2019 The Jan Bolding Meeting took place: protocols of storage, dispatch, reception were handed, the labeling was performed, a sample MTA was drafted.

25/04/2019 Creation of a list of all permits foreseen for sender & receiver. Collection, fridge, forensics Inspection with Mr Jan Bolding.



26/04/2019 Photographic documentation of packaging and shipment (unpacking & packing of specimens). Creation of a 4 min draft podcast with the contribution of Mr Jan Bolding.



27/04/2019 Departure from Copenhagen Denmark.

## **DESCRIPTION OF WORK CARRIED OUT BETWEEN 28//04/19 – 20/05/2019 IN CRETE GREECE**

02/05/2019-

15/05/2019: Elaboration of 17 documents provided by Mrs Friederike Woog.

Subscription of following proformi:

1. MATERIAL TRANSFER AGREEMENT FOR MATERIAL WITH NO CHANGE OF OWNERSHIP (PROFORM)
2. MATERIAL TRANSFER AGREEMENT FOR MATERIAL WITH CHANGE OF OWNERSHIP (PROFORM)
3. MATERIAL TRANSFER AGREEMENT FOR RECEIPT OF MATERIAL WITH CHANGE OF OWNERSHIP (PROFORM)
4. COLLECTION OFFER – DECLARATION OF DONOR (PROFORM)
5. NON-HAZARDOUS CONTENT DECLARATION (PROFORM)
6. ALKOHOL MATERIAL SHIPMENT (PROFORM)
7. DNA SAMPLE SHIPMENT (PROFORM)
8. DRIED BIOLOGICAL SAMPLE SHIPMENT (PROFORM)
9. TISSUE SAMPLE SHIPMENT (PROFORM)
10. UNPACKING - SAMPLING SPECIMENS STEPS (PHOTO DOCUMENTATION)
11. SHIPMENT OF SPECIMENS-SAMPLES STEPS (PHOTO DOCUMENTATION)
12. PODCAST (VIDEO)
13. PERMIT LIST (TABLE)
14. CITES PERMIT APPLICATION (PROFORM)
15. LOAN SHIPMENT FOR RECEIVER (PROFORM)
16. LOAN SHIPMENT FOR SENDER (PROFORM)
17. LOAN SHIPMENT FOR CUSTOMS/ CARRIER (PROFORM)

16/05/2019-

20/05/2019: Subscription of Guidance text.

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## **DESCRIPTION OF RESULTS OBTAINED SO FAR**

### **A. Permits**

- The permits/ declarations applicable for raptor specimen shipments in the **EU** are: **1)** CITES permit for import/ export, **2)** Regulation EC 142/2011, Annex VI, Chapter 1 Section 1, page 43, **3)** European Customs Regulation (EU 952/2013) Art.127 & 263, **4)** the Material Transfer Agreement as provided in the Nagoya protocol.

- For a shipment to the **UK** Regulation the additional permit/ declaration applicable for raptor specimen shipments is: **1)** EC 1069/2009, Art.17 (Veterinary control: All biological research samples of animal origin have to be treated as animal by-products →ABP)

- For a shipment to the **USA** the additional permits/ declarations applicable for raptor specimen shipments are: **1)** USFWS FORM 3-177, **2)** the ICAO, IATA Special Provision A180

- There is always a courier declaration to be submitted in every raptor specimen shipment. Generally, all permits/ declarations are similar to the CITES permit/ declaration.

- Following permits are **not applicable** for raptor specimen shipments: 1) Directive Fauna-Flora-Habitat (FFH), 2) Permit foreseen in Birds Directive, 3) Permit foreseen in Regulation EC 338/97, 4) US APHIS (permit for genetically engineered (GE) organisms).

### **B. Documentation of unpacking & sending shipments**

The material of a non-exclusive, but well organized and handy photographic guidance in electronic form accompanied with downloadable documents, external links and contact details of a shortlist of EU countries is already elaborated, crosschecked and available for circulation.

### **C. Questionnaire**

A questionnaire is sent to the ERB list of approx. 214 contacts (NHMs, specimen Banks a.o.) and already filled by 25 bird curators, collection managers and other. A deadline for responses is the end of May 2019. The answers will be used in order to specify the needs, the lacks and the obstacles of the participants. Best practices will be identified and integrated in the deliverables of this STSM.

## **DELIVERABLES**

At end of May 2019, several proformi (material shipment agreement, dispatch-reception-storage protocols etc.), check lists for raptor specimen shipments and a guide of approx. 20 pages (permits required, best practice suggestion for packaging, sending, receiving, cataloguing, photos for practical performance in packaging, handling with specimens) and a video podcast encouraging ERB participants in good practices and highlighting legal obligations and practical tips will be delivered to ERB Facility in electronic downloadable form.

A delay in the delivery date may occur due to the EU and Greek national elections in the end of May, as the Grantee, Georgios Smpokos is assigned as judicial representative on the day(s) of the Regional, Municipal and European vote.

This STSM is expected to assist towards development of a distributed European Raptor Specimen Bank for contaminant monitoring.