

The 11th Meeting of European Bird Collection Curators

The Steinhardt Museum of Natural History, Tel Aviv University, Israel



TEL AVIV UNIVERSITY
Pursuing the Unknown

24-26 September, 2019

THE STEINHARDT
**museum
of natural
history**

Program Outline

TUESDAY, SEPTEMBER 24, 2019

08:30 Gathering and Registration

09:30 Opening Lecture

The History of the Steinhardt Museum of Natural History
Tamar Dayan, Chair of the Steinhardt Museum of Natural History

10:00-11:00 An Introduction to the Steinhardt Museum of Natural History

10:00 The Bird Collection of the SMNH
Amos Belmaker, Steinhardt Museum of Natural History, Israel

10:15 The Feather Identification Lab of the SMNH
Avigail Ben-Dov Segal, Steinhardt Museum of Natural History, Israel

10:30 The History and Importance of the Father Schmitz Collection (1845-1922)
Yossi Leshem, Tel Aviv University, Israel

10:45 The History of Nature Studies in Israel
Bruria Gal, Steinhardt Museum of Natural History, Israel

11:00 Coffee Break

11:30-12:45 Talk Session

11:30 Bird Conservation in the 2nd Most Populated and Fastest Growing Country in the OECD
Ohad Ha'zofe, Israeli Nature Reserves Authority, Israel

11:45 The Aharoni Bird Collection – A Glimpse to the Changing Levant
Eshel Ofir, Hebrew University, Israel

12:00 The Houses of Ussishkin and Shturman: Two Peripheral Nature Museums, Similar Yet Different
Sa'ar Nudel, Bet Ussishkin and Shturman Nature Museums, Israel

12:15 The Importance of Tissue Samples in Ornithological Collections for
Phylogeographic Studies
Yohai Wasserlauf, Tel Aviv University, Israel

12:30 TBD
Yuval Goren, Ben-Gurion University, Israel

12:45 Lunch

13:45-14:45 All About Eggs

13:45 The Egg Collection of the SMNH
Daniel Berkowic, Steinhardt Museum of Natural History, Israel

14:00 Collection of Eggs and Nests of the Timiryazev State Biological
Museum (Moscow, Russia)
Anton Ivanov, Timiryazev State Biological Museum, Russia

14:15 The Online Database of Hungarian Egg Collections
Tibor I. Fuisz, Hungarian Natural History Museum, Hungary

14:30 Lazarus Collections. Chance to Rise
Igor Fadeev, State Darwin Museum, Russia

14:45 Coffee Break

15:30-18:30 A Tour of the Exhibits and the Collections of the SMNH

18:30 Dinner at the SMNH Terrace

WEDNESDAY, SEPTEMBER 25, 2019

09:30 Gathering

10:15-11:15 Talk Session

10:15 The Bird Collections from Peninsular Malaysia and Singapore in World
Museum Liverpool
John Wilson, World Museum, UK

10:30 Evaluating the Taxonomic and Geographic Representation of the Bird
Collection of the American Museum of Natural History
Thomas J. Trombone, American Museum of Natural History, USA

10:45 Needs and Trends in European Bird Collection Management: Linked to
the Role and Values of the Collections
Magnus Gelang, Gothenburg Natural History Museum, Sweden

11:00 The South Pacific Revisited
Paul Sweet, American Museum of Natural History, USA

11:15	Coffee Break
11:45-13:00	Talk Session
11:45	Processing Buzzards at the Pre-Pottery Neolithic A site of WF16, Jordan' Judith white , The Natural History Museum, UK
12:00	Exporting Bird Specimens from Russia in the Times of Johann Friedrich von Brandt (1830-1880) Jiri Mlikovsky , National Museum, Czechia
12:15	An Update on Two Large-scale Avian DNA Sequencing Projects: B10K and openWings Peter Hosner , Natural History Museum, Denmark
12:30	The Extinct Birds at the Swedish Museum of Natural History Ulf Johansson , Swedish Museum of Natural History, Sweden
12:45	The Formation and Dispersal of 19 th Century Natural History Specimens Collected by Captain C. C. Abbott in the Falkland Islands Douglas Russell , The Natural History Museum, UK
13:00	Lunch
14:00-16:00	Full Assembly Discussions
14:00	How do We Get New Specimens and What do We do With Them?
14:40	How do We Preserve the Specimens We Have?
15:20	How do We Share the Data Amongs Ourselves and the Public?
16:00-17:00	Coffee and Posters
	A New Richly Illustrated Book on Hungarian Bird Eggs and Nests Tibor I. Fuisz , Hungarian Natural History Museum, Hungary
	Testing Flat Skins as a Way to Conserve Space in a Crowded Collection Amos Belmaker , Steinhardt Museum of Natural History, Israel

“Carl Lumholtz’ Birds in the NHMO Collection: Australia, Borneo (and Mexico)”

Lars Erik Johannessen, Natural History Museum, Norway

Toward a European Raptor Specimen Bank in Support of Contaminant Research and Monitoring for Better Chemical Management

Friedrike Woog, Staatliches Museum für Naturkunde, Germany

Genetics of the Only Mounted Skin of the Extinct Kangaroo Island Emu, *Dromaius baudinianus*

Laurent Vallotton, Muséum d'histoire naturelle, Switzerland

A First Inventory of Raptors in Sicilian Collections

Friedrike Woog, Staatliches Museum für Naturkunde, Germany

Managing Use of Collections for Largescale Research Projects : 3D Scanning and Photography of Bird Skins

Mark Adams, The Natural History Museum, UK

17:00

Closing Words and New-Year Toast

THURSDAY, SEPTEMBER 26, 2019

06:30

Gathering for Birding Excursion at SMNH

07:00

Leave for Birding Excursion to the Dead Sea

18:30

Arrive Back at SMNH

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POSTER

11TH BIENNIAL EUROPEAN BIRD CURATOR MEETING

TOWARDS A EUROPEAN RAPTOR SPECIMEN BANK IN SUPPORT OF CONTAMINANT RESEARCH AND MONITORING FOR BETTER CHEMICALS MANAGEMENT

Paola Movalli^{1,a}, Guy Duke², Gloria Ramello³, Jorgos Sbokos^{2,6}, René Dekker¹, Al Vrezec⁴, Richard F. Shore⁵, Antonio J. García-Fernández⁶, Chris Wernham⁷, Oliver Krone⁸, Nikiforos Alygizakis⁹, Alexander Badry¹⁰, Fausto Barbagli¹¹, Koos Biesmeijer¹, Giovanni Boano⁴, Alexander L. Bond¹², Yael Choresh¹³, Jan Bolding Christensen¹⁴, Alessandra Cincinelli¹⁵, Sara Danielsson¹⁶, Andreia Dias¹⁷, Rune Dietz¹⁸, Marcel Eens¹⁹, Silvia Espín⁶, Igor Eulaers¹⁸, Sylke Frahnert²⁰, Tibor I.

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Fuiz²¹, Georgios Gkotsis²², Natalia Glowacka²³, Pilar Gómez-Ramírez⁶, Marco Grotti²⁴, Michel Guiraud²⁵, Peter Hosner²⁶, Ulf Johansson¹⁶, Veerle L.B. Jaspers²⁷, Pepijn Kamminga¹, Jan Koschorreck¹⁰, Burkhard Knopf²⁸, Eero Kubin²⁹, Sabrina Lo Brutto³⁰, Rui Lourenco³¹, Tania Martellini³², Emma Martínez-López⁶, Rafael Mateo³³, Maria-Christina Nika²², Varvara Nikolopoulou²², Dan Osborn³⁴, Olivier Pauwels³⁵, Marco Pavia, M. Glória Pereira⁵, Heinz Rüdell³⁶, Pablo Sánchez-Virosta⁶, Jaroslav Slobodnik⁹, Christian Sonne¹⁸, Nikolaos Thomaidis²², Till Töpfer³⁷, Gabriele Treu¹⁰, Risto Väinölä³⁸, Jari Valkama³⁸, Steven Van der Mije¹, Didier Vangeluwe³⁵, Ben H. Warren³⁹ and Friederike Woog⁴⁰

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ABSTRACT

We outline progress, since the 10th International Meeting of European Bird Curators, towards the development of a European Raptor Specimen Bank (ERSpeB), within the context of the COST Action 'European Raptor Biomonitoring Facility' (ERBFacility). A recent review of raptor collections in Europe found high potential for development of an ERSpeB, with many thousands of raptor specimens being received annually at museums, specimen banks and other collections across Europe, and stored as frozen raptor samples that could be used for contaminant monitoring. Creating a distributed ERSpeB will involve: prioritising species, tissue matrices and compounds for collection; addressing legal and other constraints; enhancing standards and protocols for gathering, processing and storing samples; developing policy on access to samples; developing a samples database; and proof of concept work. Work has already started to address legal constraints to shipping of samples between collections and from collections to analytical labs. The ERSpeB will be integrated with a complementary Biomonitoring Scheme (specifying priority contaminant analyses) and Sampling Programme (enhancing specimen supply) to form a ERBFacility capable of delivering pan-European contaminant data for better chemicals management. Simultaneously, the project LIFE APEX is demonstrating systematic use of contaminant data from raptors (and other apex predators) for chemicals management. Applications include prioritization of substances for PBT/vPvB (persistent, bio-accumulative, toxic / very persistent very bio-accumulative) assessments, identifying predominant chemical mixtures in biota, and assessing the effectiveness of EU chemicals risk management measures. Together, ERBFacility and LIFE APEX offer considerable potential to reduce contaminant risks to human and wildlife health in Europe.