

BUILDING A GLOBAL BUTTERFLY INFORMATION SYSTEM ON THE INTERNET – ISSUES AND CHALLENGES

A conference / workshop organised by the GART and GloBIS project teams

GART = Global Species Register Butterflies - GloBIS = Global Butterfly Information System

21st – 23rd May, 2003

Venue: State Museum of Natural History, Stuttgart, Germany (SMNS)
Staatliches Museum für Naturkunde (Museum am Löwentor), Rosenstein 1, D-70191 Stuttgart

Scientific Program

Tuesday, 20th May

15:00 – 19:30 Registration

Wednesday, 21st May

Presentations

8:30 – 9:00 Registration

9:00 **Johanna Eder** (Director SMNS, Stuttgart, Germany): Welcome

9:05 - 9:15 **Christoph L. Häuser** (Stuttgart, Germany): Opening Address, Logistics

9:15 - 10:45 Presentations (ca. 20-25 min each)

Rienk de Jong (Leiden, The Netherlands): **GloBIS, or walking the road to Utopia.**
Christoph L. Häuser, Joachim Holstein & Axel Steiner (Stuttgart, Germany):
GART – the Global Species Register of Butterflies. A taxonomic database with type specimen information.

Brian Pitkin (London, UK): **Butterflies & Moths of the World : Generic Names and their Type-species.**

10:45 - 11:15 Coffee break

11:15 - 12:45 Presentations

George Beccaloni (London, UK): **The LepIndex website and the Viadocs Nomenclatural Database System.**

Niklas Wahlberg (Stockholm, Sweden): **15.000 names and growing: can Nymphalidae be put in order?**

José R. Ferrer-Paris & Angel L. Vilorio (Caracas, Venezuela): **Taxonomic and distributional catalogue of the neotropical butterflies of the *Pedaliodes* generic complex (Lepidoptera: Nymphalidae: Satyrinae). A database for the Worldwide Web.**

12:45 - 14:00 Lunch break.

14:00 - 15:30 Presentations
Larry Speers & Peter Hall (Copenhagen, Denmark / Ottawa, Canada): **Butterflies of Canada.**
Felix Sperling (Edmonton, Canada): **The University of Alberta Virtual Museum.**
Andrew Brower (Corvallis, Oregon, USA): **Butterflies and Molecular Databases.**

15:30 - 16:00 Coffee break

16:00 - 17:30 Presentations (20 mins)
Osamu Yata (Fukuoka, Japan): **Network construction for the establishment of an insect inventory in Tropic Asia.**
Axel Hausmann (München, Germany): **The Global Information System on Geometridae (GlobInG).**
Matthias Nuss & Andreas Segerer (Dresden / München, Germany): **The Global Pyralidae Information System (GlobIZ).**
Norbert Hirneisen & Christian Köppel (Gaggenau / Bonn, Germany): **The scientific information platform "science-to-you".**

Thursday, 22nd May

Workshops

9:15 – 10:45 Working group session I (two parallel groups):

1. Building, managing and maintaining a **digital image database/archive** – technical aspects and standards

Chair: Robert K. Robbins

short presentation: **Joachim Holstein & Axel Steiner** (Stuttgart, Germany): **GART equipment and standards for photographing specimens.**

short presentation: **Wolfgang Eckweiler** (Frankfurt, Germany): **Practical improvements for digital photography of butterfly specimens.**

short presentation: Norbert Hirneisen (Gaggenau / Bonn, Germany): **Image processing of pictures of mounted specimens: why strange background colors can be useful.**

2. Relevant aspects of **taxonomic databases**: accommodating nomenclature and taxonomic hierarchy in databases

Chair: Christoph L. Häuser

short presentation: **Jürgen Hoppe & Thorsten Ludwig** (Ulm, Germany): **The SYNTAX database system: successfully implementing multiple taxonomies.**

short presentation: **Paul Opler & Andrew Warren** (Fort Collins, Colorado, USA): **Scientific names list for butterflies of North America north of Mexico.**

short presentation: **Richard Vane-Wright & Campbell Smith** (London, UK): **Proposals for expansion of the GloBIS family-group committees and a proposal for creation of regional committees.**

10:45 - 11:15 Coffee break

11:15 - 12:45 Working groups (continued, in parallel)

12:45 - 14:00 Lunch break.

14:00 - 15:30 Working group session II (two parallel groups):

3. Large-scale **specimen/record-based databases**: problems and solutions for specimen/record-based collection inventories

Chair: Rienk de Jong

short presentation: **Ugo Dall'Asta** (Tervuren, Belgium): **The Lepidoptera Types of the Royal Museum for Central Africa on internet, who can help?**

short presentation: **Matthias Nuss** (Dresden, Germany): **InsectIS – an entomofaunistic information system.**

4. Scientific data vs. general (public) information: **how to design/structure a web-based information system** on butterflies

Chair: Gerardo Lamas

short presentation: **Campbell Smith** (London, UK): **Provisional design for a simple website for the GloBIS list of family-group names.**

short presentation: **Christoph L. Häuser, Joachim Holstein & Axel Steiner** (Stuttgart, Germany): **GART phase II: a prototype for a butterfly information system.**

15:30 - 16:00 Coffee break

16:00 - 17:30 Working groups (continued, in parallel)

Friday, 23rd May

Summaries from working groups, conclusion

9:00 – 10:45 Reports from working groups 1 – 4 (WG chairs)

10:45 - 11:15 Coffee break

11:15 - 13:00 Summaries from working groups, general discussion: GloBIS for the 21st Century – how to proceed

C. L. Häuser (Stuttgart): Closing

13:00 - 14:00 Lunch break.

14:00 - ?16:30 Visits to SMNS collections