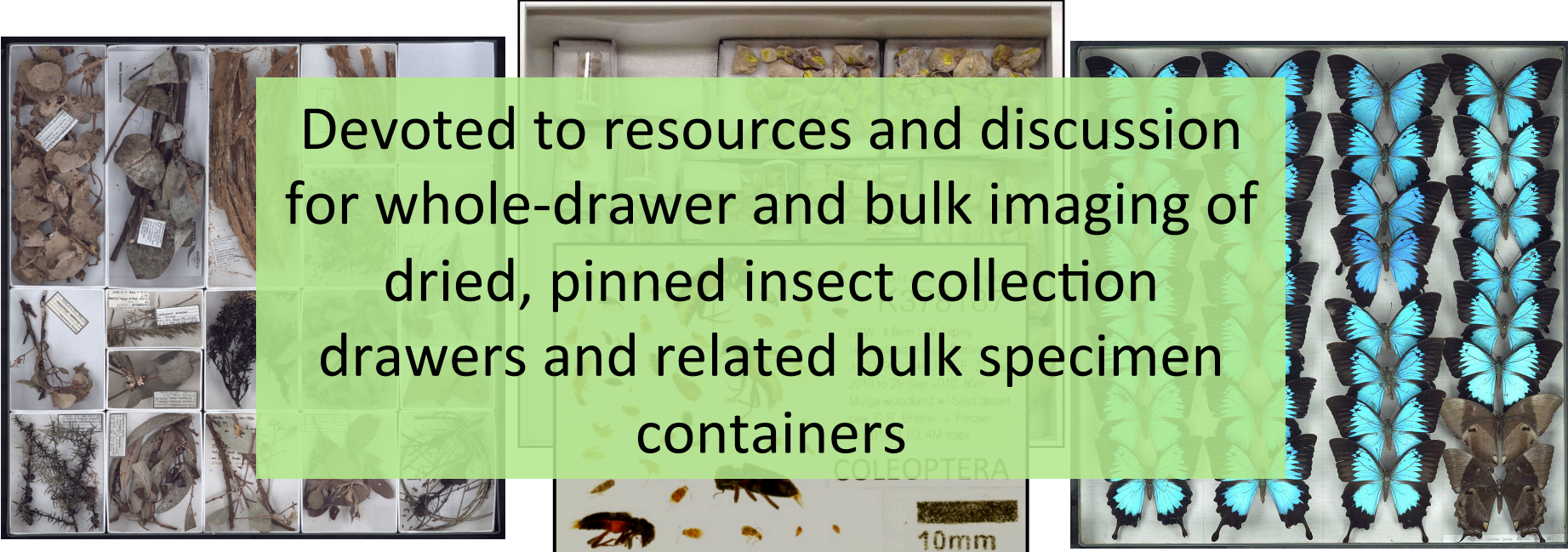# International Whole-Drawer Digitization Interest Group

Devoted to resources and discussion for whole-drawer and bulk imaging of dried, pinned insect collection drawers and related bulk specimen containers

https://www.idigbio.org/wiki/index.php/Drawer_Imaging_Group

Participants connect for the purpose of sharing techniques, strategies, uses, improvements, and technology associated with producing a single image of an entire collection drawer.

Issues of Interest

Remote annotation

Handling continually changing drawer configurations

Cost to digitise

Equipment configurations and imaging techniques

Seeing, extracting, and recording label data

Spacing within drawers and trays

Identifiers and barcodes

Getting to specimen level

Inventory management

Soups and drawer size bulk samples

Image size and management

Challenges to Drawer Digitization...

|			
Promote & encourage remote curation of unsorted specimens	**Capture disappearing labels (pencil)**	**Expose soups, bycatch & bulk samples**	**Effective tool for rapid / mass digitization**
Morphometric analysis	**Facilitate effective Collection Management & Virtual Curation**	**Use current technology to put order into collections (further curation)**	**See, extract & record label data (Crowdsourcing)**
Research at the computer	**Assist with image & loan requests**	**Important specimens go undiscovered for many years**	**Creating Virtual Collections**

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Drawer-Imaging Systems
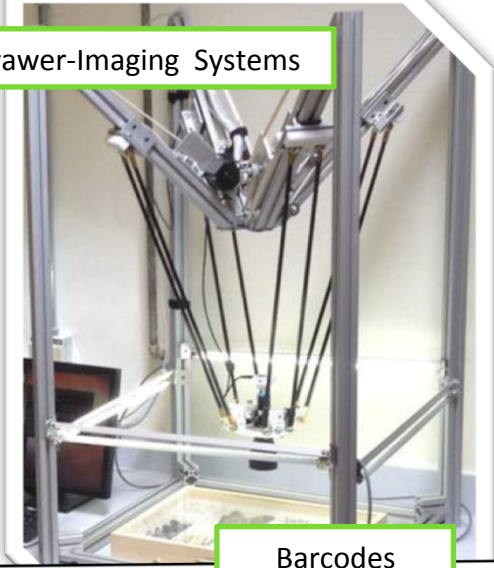
Microscope Bulk Imaging

Barcodes

http://coll.mfn-berlin.de/u/549647

Collection Audit - Counting Specimens
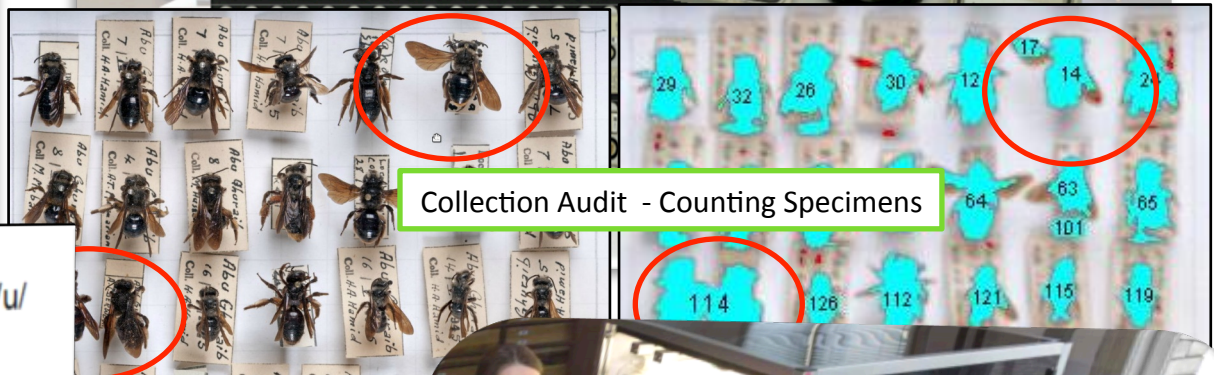
Workflows
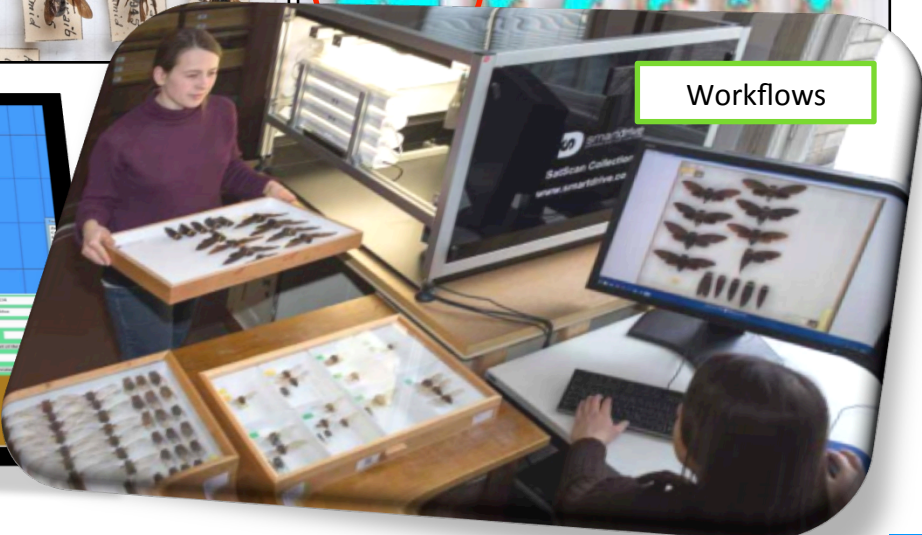
Collecting Metadata

Soups

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Working Group Participants ….

Gil Nelson (iDigBio, Florida State University), Nicole Fisher (Australian National Insect Collection), **Matthew Buffington** (Systematic Entomology Laboratory, National Museum of Natural History), **Vladimir Blagoderov & Vince Smith** (Natural History Museum, London), **Andy Deans (Frost Entomological Museum at Penn State),** **Chris Dietrich (InvertNet, Illinois Natural History Survey)**, **David Raila** (InvertNet, University of Illinois, Computer Sciences), **Paul Flemons** (Australian Museum), **Jeff Holland** (InvertNet, Purdue University), **Roy Larimer** (Visionary Digital), **Joanna McCaffrey (iDigBio)**, **Joost van Leusen** (Naturalis Biodiversity Center), **Stefan Schmidt** (Zoologische Staatssammlung München), **Bernhard Schurian & Alexander Kroupa** (Museum fuer Naturkunde, Berlin), **Jennifer Thomas** (University of Kansas, Biodiversity Institute, Entomology), **Geoff Thompson** (Queensland Museum), **Jennifer Zaspel** (InvertNet, Purdue University), **Ann Molineux (The University of Texas at Austin)**, **Oleksandr Holovachov** (Swedish Museum of Natural History)

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