

Day	Time	Slot	Program	Saphir 1	Saphir 2	Amethyst	Bernstein	Rubin
Thursday, June 23								
	8:30 AM	Technical Sessions	SYNTHESYS Symposium: Enabling Infrastructure: Future Collections, Data & Informatics	SYNTHESYS Symposium: Enabling Infrastructure: Future Collections, Data & Informatics Greg Riccardi: Digitization Infrastructure in the US	Digitizing and Imaging Collections: New Methods, Ideas, and Uses Dawn Roberts & Erica Krimmel: Assessing the initial implementation of Arctos in interdisciplinary natural history collections	Green Museum Susan H. Butts, Richard Boardman, Amber Garrard, David Skelly, Tim White & Kimberley Zolvik: Yale Peabody Museum's sustainability action plan		
	8:30 AM							
	8:50 AM			Robert Guralnick, Michael Denslow & Austin Mast: Notes from Nature 2.0: Citizen science at scale	Andrew Doran & Holly Forbes: Connecting Conservation and Collections: The On-line Resources of the University & Jepson Herbaria and the UC Botanical Garden at Berkeley	Lukasz Bratasz, Tim White, Catherine Sease, Nathan Uthrup, Susan Butts, Richard Boardman & Stefan Simon: Evaluation of climate control in Yale Peabody Museum of Natural History – energy consumption and risk assessment		
	9:10 AM			Jiri Frank & Carolyn Sheffield: Harnessing biodiversity literature for Natural History collections curation and research – a digital library perspective	Vladimir Blagoderov, E. Louise Allan, Alex Ball, Benjamin Price, Rebecca Summerfield, Emma Sherlock, Flavia Toloni & Peter Wing: "To slide or not to slide"—How do we scan the Natural History Museum's slide collections?	Christel Schollaardt, Mark Nesbitt & Rowali Bijmoer: New uses for old collections: rediscovering and redefining economic botany		
	9:30 AM			Matthew Collins : Text Mining Whole Museum Datasets for Expanding Understanding of Collections with the GUODA Service	Nelson Rios & Henry L. Bart Jr.: COPIS: Prototyping a Computer Operated Photogrammetric Imaging System	Pasquale Ciliberti: To kill or not to kill: ethics of collecting insects		
	9:50 AM	Break						
	10:20 AM	Technical Sessions	SYNTHESYS Symposium: Enabling Infrastructure: Future Collections, Data & Informatics	SYNTHESYS Symposium: Enabling Infrastructure: Future Collections, Data & Informatics	Digitizing and Imaging Collections: New Methods, Ideas, and Uses	iDigBio Symposium 1: Small Collections Symposium: Blending the educational resources of small and large collections for training the next generation of museum professionals.	Preventive Conservation & Material Science	
	10:20 AM			Elspeth Haston, Laurent Albenga, Simon Chagnoux, Robert Cubey, Robyn Drinkwater, James Durrant, Ed Gilbert, Falko Glöckler, Laura Green, David Harris, Jörg Holetschek, Lawrence Hudson, Philip Kahle, Sally King, Agnes Kirchoff, Alexander Kroupa, Jiří Kvačák, Gwénaél Le Bras, Laurence Livermore, Günter Mühlberger, Deborah Paul, Sarah Phillips, Larissa Smirnova & František Vacek: Automating capture of metadata for natural history specimens	Natalie Dale-Skey : Streamlining specimens digitisation through the use of Insect - a curator's perspective	Anna K. Monfils, Libby Ellwood, Debra Linton, Molly Phillips, Joseph A. Cook, Joseph Kerski, Tracy Barbo, Sam Donovan, Karen Powers, L. Alan Prather & Rob Guralnick: Integrating Natural History Collections into Undergraduate Education: Creating the Resources and Growing the Community	Meghann Toner: A Smithsonian Institution case study: Managing the movement of bulky collections	
	10:40 AM			Vincent Smith, Ben Scott & Ed Baker: Data Portal and the Graph of Life	Robyn Drinkwater, Elspeth Haston, Sally King & Erzsebet Gyongy: Using OCR for QC in the digitisation workflow of RBGE herbarium	Mare Nazaire: Preservation of natural history collections through student engagement: the internship experience at Rancho Santa Ana Botanic Garden	Majken Them Tøttrup: Moving of the geological and botanical collections at NHMD	
	11:00 AM			Matt Woodburn & Laurence Livermore: The Great Migration: Negotiating the path from physical object to digital surrogate		Randy Singer: Small collections can make big waves in education and outreach	Paul Callomon & Gary Rosenberg: The plain of jars: rehousing the Malacology alcohol collection at the Academy of Natural Sciences in Philadelphia	
	11:20 AM			Robert Cubey: Are people using natural history specimen data? A comparison of usage from an institutional website versus large data aggregators	Douglas G. D. Russell, Zoë Varley, Lawrence Brooks & Jörn P. W. Scharlemann: Digital transcription improves access to egg collections and mobilizes phenological data	Elizabeth R. Ellwood, Paul Kimberly, Paul Flemons, Robert Guralnick, Kevin Love & Austin R. Mast: Educational opportunities for small and large collections with the Worldwide Engagement for Digitizing Biocollections Event, WeDigBio 2016	Arianna Bernucci, Lorraine Cornish & Cheryl Lynn: Blue Whale on the move: Dismantling a 125 year-old specimen	
	11:40 AM			Paul J Morris, James Hanken, David B. Lowery, Bertram Ludäscher, James A. Macklin, Timothy McPhillips, Robert A. Morris, Antonio Mauro Saraiva, Tianhong Song, Allan Koch Veiga & John Wieczorek: Error? What Error? Expectation management in reporting data quality issues to data curators.	Sylke Frahnert: Improving the collecting data of historical museum specimens	Emily Gillespie: The Marshall University Herbarium: A model for engaging student curators in small herbarium digitization efforts	Julian Carter & Dirk Neumann: 'Avoiding a pickle'- Developing standards for the sustainable care and conservation of fluid preserved collections	
	12:00 PM	Lunch						Vendor's Lunch
	1:10 PM	Technical Sessions	SYNTHESYS Symposium: Enabling Infrastructure: Future Collections, Data & Informatics	SYNTHESYS Symposium: Enabling Infrastructure: Future Collections, Data & Informatics	Digitizing and Imaging Collections: New Methods, Ideas, and Uses	iDigBio Symposium 1: Small Collections Symposium: Blending the educational resources of small and large collections for training the next generation of museum professionals.	Preventive Conservation & Material Science	

1:10 PM	Deirdre Ryan & Barbara Thiers: Global Plants: A Model of International Collaboration		Kari M. Harris & Travis D. Marsico: Involving undergraduates in the digital community: Leveraging collections preservation, research, and outreach through a network of natural history collections clubs	Gregory J. Watkins-Colwell: From body bags to boxes of bones; Herpetology and ichthyology skeletal preparation at Yale Peabody Museum of Natural History
1:30 PM	Gisela Baumann, Wolf-Henning Kusber, Jörg Holetschek, Anton Güntsch, Walter G. Berendsohn: Natural history online - An efficient data publication framework for museum collections	Henry L. Bart Jr. & Nelson E. Rios: Enhancing FishNet2 to Increase Access of Developing Country Scientists to Fish Specimens Records in Developed Country Museums	Andrew Doran & Holly Forbes: Training the next generation of botanists: small collections at the University of California, Berkeley Herbaria and Botanical Garden	Véronique Rouchon: Preserving iron sulfate bearing papers
1:50 PM	Riitta Tegelberg, Janne Karppinen, Zhengzhe Wu, Jere Kahanpää & Hannu Saarenmaa: Automating the Insect Digitization – Speed and Costs	Kate Andrew, Daniel Lockett, Jackie Tweddle & Michael Rosenbaum: Releasing the potential of a significant regional geology collection through digitisation and working with partners that include an experimental game designer	Deborah L. Paul, Matthew Collins, Laurence Livermore & Dimitrios Koureas: Museum and Collections Biodiversity Informatics: Meeting skills needs for creating, sharing, and using the digital relatives of museum specimens	Steffen Bock: Deterioration processes in skins and hides of mammal collections
2:10 PM	Mira Silanova: WITIKON: Mass 3D digitisation at a national scale	Richard K. Rabeler: Using specimen portals for floristics research	Zack Murrell: Development of a human infrastructure: SERNEC as a case study	Magdalena Grenda-Kurmanow: Challenges of conservation treatment of historic herbaria
2:30 PM	Deb Paul, Philip van Heerden, Vince Smith, Laurence Livermore & Ehsan Alavi Fazel: A Bridge from Enabling Infrastructure to Digitization Priorities, a view from industry	Yvette Harvey & Jonathan Gregson: Recreating a long-lost herbarium	Mary Beth Prondzinski: Engaging student awareness of museum collections	Pascal Querner: Integrated Pest Management in Austrian Natural History Museums - A sustainable approach

2:50 PM Break

3:20 PM Technical Sessions

3:20 PM	GBIF TF Symposium: Setting global and local digitization priorities Leonard Krishtalka: The Digitization Dilemma: Setting “demand-driven” priorities and why it matters	Digitizing and Imaging Collections: New Methods, Ideas, and Uses Patricia Nutter & Erin Bilyeu: Digitization in the office of the registrar: Saving our documents for the future	Collections for the future - Future of collections -	Preventive Conservation & Material Science Tom Strang & Jeremy Jacobs: Seeing is believing, a fourteen year study on efficacy and economics of visual inspections to protect a large mammal collection.
3:40 PM	Barbara M. Thiers: Principles for Setting Digitization Priorities for Herbaria	Kamal Khidas & Stéphanie Tessier: Building next-generation collections: Challenges in digitizing already digitized collections	Amanda Lawrence & Leslie Hale: A rock without data is just a rock: The importance of systematically integrating orphaned collections	Fran Ritchie, Julia Sybalsky, Caitlin Richeson & Kelly McCauley: Performing a condition survey of historic mammalian taxidermy
4:00 PM	Masanori Nakae & Tsuyoshi Hosoya: Prioritization in digitization of natural history collections in Asia – the cases of some Asian countries	Jennifer Thomas: Bringing dark data to light – how do we keep the lights on?	Travis D. Marsico, Jennifer N. Reed, Samantha Worthy, Lauren Whitehurst, Kevin S. Burgess & Rima D. Lucardi: Small herbaria as repositories for invasive species and federal noxious weed vouchers in collaborative research	Amy Trafford & Lu Allington-Jones: Combining digitisation and sustainable conservation: The Airless Project
4:20 PM	Deborah Paul, Siro Masinde, Shari Ellis, Leonard Krishtalka, Barbara Thiers, Jean Ganglo, Eduardo Dalcin & Masanori Nakae: A global survey of natural history collections	Josefina Barreiro, Celia M. Santos-Mazorra, Marisol Alonso & Marian Ramos: Preliminary analysis of effectiveness and accuracy of crowdsourcing vs in-situ digitisation methods	Ann Bogaerts, Steven Janssens, Dakis-Yaoba Ouédraogo, Peter Hietz, Adeline Fayolle, Anaïs-Pasiphaé Gorel, Brecht Verstraeten, Sofie De Smedt & Piet Stoffelen: New technologies lead to new uses in the herbarium of the Botanic Garden Meise	Luc Willemsse & Max Caspers: Permanent storage of Lepidoptera in glassine envelopes: reducing resources while optimizing accessibility
4:40 PM	Ian Owens: The new enlightenment: digital collections and the re-invention of large natural history museums	Travis D. Marsico & Kari M. Harris: Frank discussion of small herbarium digitization options for the lost, confused, weary, under-budgeted, and over-stimulated	Eileen Graham & David Schindel: Scientific collections and food security: their role in predicting and protecting our future food supply	Walt Crimm: External forces on collections care & storage spaces: Recommendations for balancing with equal and non-oppositional forces

6:30 PM -
Midnight

Guided Tours and Congress
Banquet, BGBM