

PREPARATORS' COMMITTEE MEETING

Thursday, 10 October 2019, 11:00am-12:30pm
Room P1 (Plaza)

PREPARATORS' SESSION

Thursday 10 October 2019, 1:45pm-4:15pm
Meeting Room M1&2

MODERATORS: Matthew Miller and Vanessa Rhue

- 1:45 **M. T. Miller, A. Millhouse, H. Little** PITFALLS AND SUCCESSES: THE EVOLUTION OF THE NATIONAL MUSEUM OF NATURAL HISTORY (SMITHSONIAN INSTITUTION) PALEOBIOLOGY COLLECTIONS VOLUNTEER CATALOGING PROGRAM
- 2:00 **C. J. Van Beek, A. Shinya** PREPARATION OF WET VERTEBRATE FOSSILS: DEVISING STRATEGIES TO MITIGATE DAMAGE
- 2:15 **J. R. Groenke, P. M. O'Connor, L. Dougan, S. H. Burch, R. R. Rogers** DIGITAL AND MECHANICAL PREPARATION OF DELICATE SKELETAL REMAINS FROM AN UPPER CRETACEOUS BONEBED IN MADAGASCAR
- 2:30 **M. Pinsdorf** COMPACTED FIBERGLASS ARMATURE FOR SUPPORTING SMALL FOSSIL SPECIMENS
- 2:45 **C. J. Burke, T. H. Worthy, A. B. Camens** TECHNIQUES FOR SUCCESSFUL COLLECTION OF PLEISTOCENE MEGAFUNA MATERIAL FROM LAKE CALLABONNA FOSSIL RESERVE, SOUTH AUSTRALIA.
- 3:00 **G. Dallman, W. F. Simpson, L. Geiger** MOVING AND UPDATING THE MOUNTED *TYRANNOSAURUS REX*, "SUE"
- 3:15 **S. A. Williams, A. A. Atwater, R. J. Harmon, J. Scannella** MOVING MAMMOTHS AND MOR: HOW TO SURVIVE YOUR COLLECTIONS MOVE
- 3:30 **K. S. Bader, D. E. Wagner, M. W. Colbert, E. L. Lundelius** PREPARATION OF INDURATED CAVE DEPOSITS FROM BARROW ISLAND, WESTERN AUSTRALIA
- 3:45 **C. M. Gordon, B. T. Roach, W. G. Parker, D. E. Briggs** DISTINGUISHING REGURGITALITES AND COPROLITES: A CASE STUDY USING A TRIASSIC BROMALITE CONTAINING SOFT TISSUE FROM *REVUELTOSAURUS*
- 4:00 **K. J. Ferguson, G. J. Price, G. E. Webb** GEOCHEMICAL TRACE ELEMENT ANALYSES ON FOSSIL BONE: A PROVENANCE TOOL FOR EXISTING FOSSIL COLLECTIONS WITH POORLY DOCUMENTED LOCALITIES

PREPARATORS' POSTER SESSION

Reception Hours are Thursday 10 October 2019, 4:15pm-6:15pm
Great Hall 1&2

**Preparators' posters will be on display Wednesday through Saturday*

- B52 **T. Sato, A. Shinya** A PRACTICAL GUIDE TO START A NEW VERTEBRATE FOSSIL PREPARATION LAB
- B53 **A. Shinya, C. J. Van Beek, P. Makovicky** CHALLENGES IN THE FIELD: COLLECTING WET VERTEBRATE FOSSILS WITH THE APPLICATION OF ACRY SOL WS24, ACRYLOID B72, AND CYANOACRYLATE CONSOLIDANTS
- B54 **D. J. Ward, A. E. Ward** SIEVING WITHOUT TEARS: THE FIRST 40 YEARS OF AUTOMATED SEDIMENT SCREENING FOR MICROVERTEBRATES
- B55 **M. R. Fair, P. J. May, S. J. Jabo, G. Dallman, A. S. Madill** REMOVING ASBESTOS FROM RECONSTRUCTED AREAS OF SPECIMENS AT THE SMITHSONIAN MUSEUM OF NATURAL HISTORY SAFELY AND WITH THE LEAST IMPACT TO THE SPECIMEN
- B56 **P. May, D. Evans, A. Madill, M. Fair** UNEARTHING A GIANT: THE MAKING OF ZUUL
- B57 **J. E. Wilkinson** ACID PREPARATION OF CARBONACEOUS FOSSIL MATERIAL USING A MEDICAL INTRAVENOUS KIT FOR TARGETED DELIVERY OF 7% ACETIC ACID SOLUTION.
- B58 **S. R. Johnston, A. Davidson** PHOTOGRAPHS AND FOSSIL FILLINGS: A REVERSIBLE POLYESTER FILL AND UTILIZING NATIVE IPHONE APPS FOR COMPREHENSIVE PHOTO DOCUMENTATION
- B59 **M. Ferrer Ventura, A. Torices, X. Mas I Barberà, R. San Juan Palacios, P. Navarro Lorbés** THE USE OF TRADITIONAL MORTARS AND HIDROFUGANTS IN RESTORATION AND PRESERVATION OF PALEOICHOLOGICAL SITES
- B60 **V. R. Rhue** MANAGEMENT OF COLLECTIONS CARE PROJECTS: REFINING THE APPROACH TO CURATION WORKFLOWS AND PERSONNEL TRAINING
- B61 **B. A. Lauters** COMPARATIVE ANALYSIS OF PARALOID B-72 AND BUTVAR B-76 DISSOLVED IN ACETONE SOLUTIONS
- B62 **E. Ghezzi, M. Massironi, E. B. Davis** HIGH RESOLUTION REMOTE SENSING APPLIED TO FOSSIL DISCOVERY: OVERVIEW AND PROSPECTS
- B63 **R. Aguilar** MILLIONS OF YEARS, DOZENS OF SAMPLES, ONE SINGLE SCAN: NEW METHODS TO RAPIDLY INCREASE THE NUMBER OF SPECIMENS CAPTURED IN A SINGLE HIGH QUALITY SCAN.