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 CRETAUCEOUS 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 MEGAFAUNA MATERIAL FROM LAKE CALLABONNA FOSSIL RESERVE, SOUTH AUSTRALIA.

3:00  **G. Dallman, W. F. Simpson, L. Geiger** MOVING AND UPDATING THE MOUNTED TYPANNOSAURUS 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


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 ACRYSOL 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 PALEOICHNOLOGICAL 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. Ghezzo, 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.