

PREPARATORS' COMMITTEE MEETING

Thursday Morning, October 18, 2018, 11:00 – 12:30
Albuquerque Convention Center, Picuris 27 (lower level)

PREPARATORS' SESSION

Thursday Afternoon, October 18, 2018
Albuquerque Convention Center, Ballroom B
Moderators: Steve Jabo And Matthew Smith

- 1:45 **A. C. Henrici, D. S. Berman, S. S. Sumida, A. K. Huttenlocker, T. Schlotterbeck** THE LATE PENNSYLVANIAN BIRTHDAY BONEBED FROM THE HALGAITO FORMATION OF VALLEY OF THE GODS, SOUTHEASTERN UTAH: COLLECTION, PREPARATION, AND PHOTODOCUMENTATION.
- 2:00 **L. Hall, D. Zelinski, A. R. McGee, M. Ryan** FISHING WITH SILICON CARBIDE: PREPARING DIVERSE MARINE VERTEBRATES FROM THE LATE DEVONIAN (FAMENNIAN) CLEVELAND MEMBER OF THE OHIO SHALE, OHIO, U.S.A.
- 2:15 **N. Ikegami, P. Leiggi, C. Ancell** THE PREPARATION PROJECT: A GLOBAL PARTNERSHIP BETWEEN THE MIFUNE DINOSAUR MUSEUM, KUMAMOTO, JAPAN, AND THE MUSEUM OF THE ROCKIES, MONTANA, U.S.A.
- 2:30 **M. Di Giacomo, C. M. Goodwin** CRACKS, GREEN FOSSILS, AND MELTED BONE: CHARACTERIZATION OF PREPARATION DAMAGE USING SEM AND TOF-SIMS
- 2:45 **S. J. Haugrud** ULTRA-THIN SMALL MAMMAL CRANIAL RECONSTRUCTION IN THE 0.5–0.7 MILLIMETER RANGE USING BUTVAR B-76
- 3:00 **V. R. Rhue** MAINTAINING DATA LABEL INTEGRITY: A REVIEW OF MATERIALS AND TECHNIQUES FOR AFFIXING LABELS TO VERTEBRATE FOSSILS, HOUSINGS, AND COLLECTION STORAGE AREAS
- 3:15 **J. A. Hook, V. R. Rhue** THE CURATION, CONSERVATION, AND DIGITIZATION OF A PLEISTOCENE FAUNA FROM GYPSUM CAVE, NEVADA, U.S.A.
- 3:30 **L. G. Dougan, D. W. Krause, J. Sertich, P. Sullivan, J. R. Groenke** EVALUATION OF NOVEL VISUALIZATION SOFTWARE FOR VIRTUAL PALEONTOLOGY
- 3:45 **I. D. Browne** OPTIMIZING THE SUB-OPTIMAL: USING POINT-AND-SHOOT DIGITAL CAMERAS, GREEN PAPER, AN IMAGE PROCESSING ALGORITHM, AND A KITCHEN TIMER TO BUILD AN INEXPENSIVE SEMI-AUTOMATED 3D SCANNER
- 4:00 **A. Millhouse, H. Little** DEVELOPING BEST PRACTICES TO IMPROVE FOSSIL DATA QUALITY AND ACCESSIBILITY

PREPARATORS' POSTER SESSION

Thursday Evening, October 18
Albuquerque Convention Center, Hall 4

- B37 **M. Fox, E. Lamm, J. Scannella** HISTOLOGICAL SAMPLING OF YPM 1831, THE HOLOTYPE OF TOROSAURUS "GLADIUS": FOSTERING PALEONTOLOGICAL DISCOVERIES THROUGH MUSEUM/RESEARCHER COLLABORATIONS
- B38 **C. L. Herbel, R. Skolnick, J. D. McMullin** PROJECT OREODONT: TRAINING VOLUNTEERS TO PREPARE AN HISTORIC BACKLOG
- B39 **M. Haji-Sheikh, V. L. Naples** A NEW METHOD OF INCREASING THE EFFICIENCY OF MICRO JACKS IN THE REMOVAL OF MATRIX SURROUNDING A FOSSIL SPECIMEN.
- B40 **T. Sato, M. Fox** TESTING MOLDING SEPARATORS FOR COLOR CHANGE ANDEFFECTIVENESS
- B41 **M. S. Eads, A. B. Heckert** ASSESSING THE USABLE LIFETIME OF TIN ANDPLATINUM-BASED SILICONE RUBBERS UNDER HIGH AND LOW STRESS ENVIRONMENTS.
- B42 **J. H. Creighton, S. V. Robson, J. M. Theodor** A COMPARISON OF DENTAL MOLDING AND CASTING COMPOUNDS USED FOR MICROWEAR STUDIES
- B43 **G. Gonzalez, A. B. Heckert, B. Zimmer** FIDELITY OF "TRADITIONAL" VS "NEW TECH" METHODS OF FOSSIL REPRODUCTION
- B44 **W. J. Wilkins, M. Bugbee, E. Storms** PREVENTATIVE MAINTENANCE AT THE MAMMOTHSITE: EXCAVATION AND STABILIZATION METHODS FOR AN ACTIVE IN-SITUBONEBED
- B45 **M. Ferrer Ventura, A. Torices, R. San Juan Palacios, P. Navarro-Lorbés** PRESERVATION AND RESTORATION OF THE PALEOICHOLOGICAL SITE "LA VIRGEN DEL CAMPO" IN ENCISO,LA RIOJA, SPAIN
- B46 **M. M. Bugbee, W. J. Wilkins** PREPARATION AND TRANSPORTATION OF A COMPLETE MAMMOTH SKULL FROM CHANNEL ISLANDS NATIONAL PARK, CALIFORNIA, U.S.A.
- B47 **N. A. Matthews, R. K. Hunt-Foster, B. H. Breithaupt, M. Lockley** THE IMPACT OF EXCAVATION AND DOCUMENTATION ON ANALYSIS AND INTERPRETATION: A LOOK AT THE ICHNOLOGICAL INTERPRETATIONS AT THE MILL CANYON DINOSAUR TRACKSITE, UTAH