

Appendix 8.15-1

Resumes for Field Personnel

Education and Training

- B.S., major in Geology, emphasis in Paleobiology, Mackay School of Mines, University of Nevada, Reno, 2002

Areas of Expertise

Ms. DeBusk is Project Manager at SWCA's South Pasadena office. She is responsible for the management of paleontological, archaeological, and biological monitoring and mitigation projects, proposal writing, paleontological site assessment, and technical report writing. In addition to project management duties, Ms. DeBusk manages the paleontology preparation laboratory and supervises field and laboratory technicians.

Ms. DeBusk has extensive experience in all aspects of paleontology, including conducting paleontological field surveys, construction-related excavation monitoring, fossil salvaging and sampling, specimen identification, laboratory preparation and analysis of micro- and macrofossils, and preparation of technical documentation and final reports. She has experience in paleobotany, micropaleontology, invertebrate paleontology, and vertebrate paleontology. She has worked as a volunteer field excavator for the National Park Service, the Bureau of Land Management, the Virginia Museum of Natural History, the Smithsonian, and the Museum of the Middle Appalachians.

Selected SWCA Projects:

Project Manager, Orinda Gateway Development, Paleontological Monitoring and Mitigation; Orinda, Contra Costa County, California (2006-2007) *Client: Orinda Gateway, LLC.*

Project Manager, Pine Valley Estates, Biological, Archaeological and Paleontological Monitoring and Mitigation; Chino Hills, San Bernardino County, California (2006-2007) *Client: Meritage Homes*

Project Manager, Etco Tract 32534, Paleontological Monitoring and Mitigation; Corona, Riverside County, California (2006): *Client: Etco Homes*

Project Manager, Lexington Development, Paleontological and Archaeological Compliance Monitoring; Menifee, Riverside County, California (2006): *Client: DR Horton*

Project Manager, Coventry Acres Development, Paleontological and Archaeological Compliance Monitoring; San Jacinto, Riverside County, California (2006): *Client: DR Horton*

Project Manager, El Cajon Fire Station, Biological and Paleontological Assessment and Monitoring and Mitigation Services, El Cajon, San Diego County, California (2006): *Client: City of El Cajon*

Paleontologist, Harper Dry Lake Development Project, Paleontological Resources Survey and Site Assessment, San Bernardino County, California (2006): *Client: ENSR*

Paleontologist, Victorville 2 Hybrid Power Project, Paleontological Resources Survey and Site Assessment, San Bernardino County, California (2006): *Client: ENSR*

Paleontologist, Hartley Center/La Floresta Project, Paleontological Resources Survey and Site Assessment, Brea, Orange County, California (2006): *Client: Chevron Land Development Company*

Paleontologist, Cosumnes Power Plant Project, Environmental Monitoring; Sacramento County, California (2006): *Client: Sacramento Municipal Utility District.*

Paleontologist, Miguel-Mission Transmission Line; Paleontological Resources Monitoring and Mitigation, San Diego County, California (2005): *Client: Essex Environmental.*

Paleontologist, Kings River Conservation District Packing Plant; Paleontological Monitoring and Mitigation, Fresno County, California (2005): *Client: Kings River Conservation District.*

Paleontologist, Pahrump Environmental Feasibility Study; Clark, Nye, and Inyo Counties, Nevada (2005): *Client: G.C. Wallace, Inc.*

Professional Experience

Project Manager, SWCA Environmental Consultants; Pasadena, California (2005 – present): Management of paleontological, archaeological, and biological monitoring and mitigation projects, proposal writing, paleontological site assessment, and technical report writing. In addition to project management duties, oversight of daily activities in the paleontology preparation laboratory and supervision of field and laboratory technicians.

Field Director/Paleontology Lab Manager, SWCA Environmental Consultants; Orange County, California (May 2004–present): Manages paleontology preparation lab, maintains paleontology specimen database, prepares final reports, and acts as both a paleontological and cultural resources monitor.

Paleontologist, Brian F. Smith and Associates; San Diego, California (2003–2004): Monitored construction-related excavations for potential paleontological and/or cultural resources, recovered and salvaged invertebrate, vertebrate, plant, and trace fossils, and acted as sole laboratory technician processing fossil collections.

Assistant Field Instructor, University of Nevada and Sierra College (2002): Taught field collection and salvage techniques to students in conjunction with BLM near Gardnerville, Nevada.

Paleontology Intern, Florissant Fossil Beds National Monument, National Park Service, Florissant, Colorado (May–December 2000): Coordinated field excavation of fossil plants and insects, taught paleontology/geology programs, and researched the diatom assemblage of the Florissant Formation.

Certifications/Permits

- California Energy Commission (CEC) Approved Paleontological Resources Monitor (Project-Specific)
- Field Supervisor, Bureau of Land Management Paleontological Resources Use Permit, Nevada (N-82650)

Professional Affiliations and Committees

- Member, Society of Vertebrate Paleontology