

## EDUCATION

1993 Ph.D., Geophysical Sciences, University of Chicago  
1988 M.S., Geology, University of Cincinnati  
1985 B.A., Earth and Planetary Sciences, The Johns Hopkins University

## SUMMARY QUALIFICATIONS

Dr. Schneider is a California Professional Geologist (#8787) with 18 years of experience in paleontology and an additional six years of experience in environmental geology. He conducts fieldwork, prepares technical reports and co-authors Paleontological Mitigation Plans. Dr. Schneider has authored sixteen scholarly papers on the systematics, evolution, and paleoecology of mollusks and echinoderms, including an invited review article for the 75th anniversary issue of *Journal of Paleontology*. He has conducted research all over the world, including the western United States, Guam, Australia, Philippines, Jamaica, Bahamas, Florida, and also Panama as a postdoctoral fellow of the Smithsonian Tropical Research Institute.

## SELECTED PROJECTS

**SR 99 Widening, Caltrans District 6 On-Call, South Stockton, CA.** Paleontological Mitigation Plan, involves widening SR 99 from four lanes to six lanes and improvements to multiple interchanges in the South Stockton area. Subcontractor to URS Corporation. Principal Paleontologist. 2012

**U.S. 101 Express Lanes Project, Caltrans District 4, Santa Clara County, CA.** Principal Paleontologist. The 37-mile linear project entails freeway widening and HOV lane conversion along US 101 and SR 85 (North). Prepared a Paleontological Evaluation Report and Mitigation Plan. Cogstone also addressed archaeological resources in an Archaeological Survey Report (ASR) under CEQA and Section 106 of the NHPA. Subcontractor to URS Corporation. 2012

**SR 41 Widening, Caltrans District 6 On-Call, Kettleman City, CA** Principal Investigator for Paleontology. Co-author of the Paleontological Mitigation Plan. Completed revisions requested by the client. This task order project involves widening and rehabilitating Highway 41 from Utica Avenue to Quail Avenue through Kettleman City. Subcontractor to URS Corporation. 2012

**California High-Speed Rail, Paleontological Assessments, Bakersfield to Palmdale, CA.** Principal Paleontologist/Project Manager. Preparing revisions to the Combined Paleontological Identification Report/Paleontological Evaluation Report (Cogstone 2010) which included the background research, results of the survey, and recommendations for mitigation. The Project Study Area included direct impact areas as well as staging areas and temporary road construction areas, mostly along existing rail corridors. Subcontractor to URS Corporation. 2012-2013

**Southern California Edison On-Call Paleontological Services, Alpine Interconnection Project.** Principal Paleontologist. Author of the final Paleontological Resources Monitoring Compliance Report. This task order involved the replacement of three poles that failed wind loading. SCE is installing the interconnection of the 66 MW Alpine Solar Project to the Neenach Substation via a generation tie-line and 16.7 miles of telecommunications fiber optic cables. 2012

**Pacific Gas & Electric Atascadero – SLO 70 kV Reconductor.** Project Manager and QSP. Managed budget and determined inspection schedule for 16.3-mile PG&E LUP from Atascadero substation to San Luis Obispo substation. Conducted majority of inspections at site and supervised additional inspectors. Determined if construction at site adhered to SWPPP regulations. Confirmed status of BMPs and recommended repairs and modifications to SWPPPs. Prepared SWPPP amendments and Annual Report. 2011-2012

**Pacific Gas & Electric Cantua Creek 20MW Solar Plant.** Project Manager and QSP. Managed budget and supervised inspectors for 160-acre solar panel field in Cantua Creek. Determined if construction at site adhered to SWPPP regulations. Confirmed status of BMPs and recommended repairs and modifications to PG&E subcontractor Q.Cells. Prepared SWPPP amendments, Annual Report, and Notice of Termination. 2011-2012