

A. Lester

**U.S. BUREAU OF RECLAMATION  
CENTRAL VALLEY PROJECT**

**GUIDE TO  
UPPER SACRAMENTO RIVER  
CHINOOK SALMON LIFE HISTORY**

**July 1991**

**Prepared by**

**David A. Vogel, Senior Fisheries Biologist/Task Manager  
Keith R. Marine, Fisheries Biologist/Aquatic Ecologist**

**CH2M HILL  
2525 Airpark Drive  
Redding, California 96001**