

Appendix 8.16-8

Resumes

Resume

James Tracy Purpuro
36680 Road 196
Woodlake, CA 93286
(559) 786-4071

Employment

Teacher
Dinuba High School

8/00 to 6/01
Dinuba, CA

Paul Rodgers (Principal)
(559) 595-7220

Taught Life Science and college prep Biology, according to state standards, using a variety of methods including lecture, laboratory activity, video presentation, slide show and computer software. Lab activities involved dissection of preserved specimens, various microscope activities, Internet research, insect collections and preparation strategies for examinations aimed at success in high school and college.

Kept records of disciplinary measures, grades and documents concerning students with special needs, and parent contracts.

Planned lessons, labs and other activities.

Communicated with students and parents regarding progress in class both academically and behaviorally. This included contacting parents by letter, telephone or in person to discuss issues concerning their student. Communicating with parents regarding serious issues requires good communications skills to resolve conflicts, or explain what difficulties the student may be facing in class. To achieve the highest standards in education, open communication between parent, student and teacher was always emphasized.

Scientific Aide
California Department of Fish and Game

1995 to 2003
Visalia, CA

Brian Beal (Associate Biologist)
(559)651-2902

Responsibilities included assisting with data entry for creel census on numerous watersheds including the Stanislaus, Merced, Tuolumne, San Joaquin, Kings, Kaweah, Tule and Kern watersheds. Construction of historical fish stocking database dating back to the 1870s. Statistical analysis of creel census on the main stem of the Kern River following a change in fishing regulations. Provide assistance in report writing. Proofing and correcting spreadsheets and reports written by the supervising biologist. Familiar with word processing and spreadsheet software. Experience downloading GPS waypoints onto computer software. Experienced with GIS software. Collection of invertebrates for rapid bioassessment on lower Kings River according to DFG protocol. Participated in dive counts on upper Kern River.

Responsible for deploying and maintaining temperature monitoring equipment on several rivers and lakes, as well as construction and maintaining a data base and writing reports summarizing this information.

Conducted habitat typing on the lower Kings River.

Participation in extended backpacking trips as long as 15 days. Responsible for planning meals, buying food, and leading work crews. Proficient with backpack electro fishing equipment, gill netting, genetic sampling, mountain yellow-legged frog surveys and hook and line sampling. Familiar with electro conductivity and pH meters, and determining secchi depth for water clarity. Sight identification of salmonids and many other fishes.

Conduct Chukar brood counts in the Mojave Desert.

Work wildlife refuge check station during duck season.

Participated in stream restoration work in the Sierra Nevada Mountains. Work included installation of soft structure in head cuts, fencing cattle exclusions, and photographing habitat restoration projects from established benchmarks to monitor restoration progress.

Designed and built permanent streamside trout egg incubators on the lower Kings River to increase recruitment of younger cohorts. This included coordination with PG&E, local electrical contractors, Fresno County Parks and local landowners.

Biologist

Hansen's Biological Consulting

1994 to 2003

Visalia, CA

Robert Hansen (Biologist)
(559) 627-5473

Work as a field ecologist subcontractor conducting semimonthly bird surveys, nest monitoring, assessment of selenium-induced deformities in shorebirds, and an extensive nesting bird survey in Tulare Basin wetlands. Nesting bird surveys involved collecting data for *Recurvirostrids* (American avocets and black-necked stilts) as well as other shorebirds at a man-made freshwater habitat. This habitat was designed as mitigation for impacts to these same species on evaporation basins in the area that receive high levels of selenium.

Collect and dissect *Recurvirostrid* eggs in preparation for chemical contaminant analysis.

Experienced with a diverse array of natural communities, including grassland, freshwater marsh, alkali wetlands, riparian forest and saltbush scrub.

Strong interpersonal skills have proven valuable for maintaining a comfortable work environment that allows each individual in our team to achieve their greatest potential.

Manager, Environmental Resources
Kings River Conservation District (KRCDD)

2003 to Present
Fresno, CA

*David Cone – Deputy General Manager
(559) 237-5567*

Management of Environmental Resources Division activities including preparation and administration of budget, interviewing and hiring of seasonal and permanent employees, direct work of Environmental Division staff, participate in meetings of the Kings River Fisheries Management Program (FMP), and in meetings of the FMP's Executive Policy Committee and Public Advisory Group. Participate in meetings of the KRCD Board of Directors, and present updates on budget administration and various fishery projects.

Coordinate with California Department of Fish and Game, United States Fish and Wildlife, United States Army Corps of Engineers (USACE), and Federal Energy Regulatory Commission on matters related to the Pine Flat Hydroelectric Plant and the FMP. Advise hydro plant managers on operational matters relative to fishery resources

Prepare CEQA documents and apply for permits including CDFG 1602, USACE 404, and section 401 water quality certification. Fisheries field work such as electro fishing, habitat restoration and project monitoring. Habitat restoration activities included boulder placement for velocity refuge, spawning gravel augmentation and re vegetation of riparian zones. Project monitoring included pre and post project electro fishing, invertebrate sampling, water velocity measurements, temperature monitoring in the lower Kings River, and temperature/oxygen profiling in Pine Flat Reservoir.

Served as project lead in a trout tracking study using radio telemetry Technology. Responsibilities included study planning, purchase of radio equipment and surgery supplies, construction of surgery tables and other surgery tools, installation and configuration of stationary monitoring equipment, plan mobile monitoring strategies, construction and maintenance of telemetry study database using Access Database software, performed implant surgeries and trained support personnel. Responsible for logistics and training of seasonal employees in the use of radio telemetry tracking equipment, and updates and presentations to management and the public.

Conduct wildlife surveys for American Bald Eagle on the lower and upper reaches of the Kings River and Pine Flat Reservoir. Survey for nesting birds in levee maintenance work zones. Identify and flag Elderberry bush, and numerous small mammal and reptile surveys.

Education

Bachelor of Science, Fisheries (Freshwater option) <i>Humboldt State University</i>	1997-1999 <i>Arcata, CA</i>
Preparation for transfer to university (no degree) <i>College of the Sequoias</i>	1994-1997 <i>Visalia, CA</i>

High School Diploma
Woodlake High School

1980-1984
Woodlake, CA

Other Experience

Volunteer
California Department of Fish and Game

1994
Visalia, CA

Construction of migrant trap for breeding Tiger Salamanders at Stone Corral Ecological Preserve, Tulare County, California. Monitor trap and spotlight for salamanders. Record numeric data (weight, length and location) and observations with regard to predation and road kills.

Volunteer
California Department of Fish and Game

1998
Springville, CA

Assist in the trapping and relocation of black bear in the southern Sierra Nevada Mountains.

Volunteer
Humboldt State university

1998 to 1999
Truckee, CA

Lead crews performing trail construction, riparian enhancement and fish planting for the San Francisco Fly Casters Club on California's Truckee River. Riparian enhancements included planting of conifer and willow trees

References

Stanley J. Stephens, Senior Environmental Scientist
California Department of Fish and Game
8530 W. Roosevelt
Visalia, CA 93291
(559) 651-1710
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Brian Beal, Associate Biologist
California Department of Fish and Game
8530 W. Roosevelt
Visalia, CA 93291
(559) 651-2902
bbeal@dfg.ca.gov

Christine McGuire, Associate Biologist
California Department of Fish and Game
Kernville, Ca 93238
(760) 376-3751
cmcguire@dfg.ca.gov

Robert B. Hansen, Biologist/Owner
Hansen's Biological Consulting
5448 W. Sunnyview
Visalia, CA 93291
hansenbio@comcast.net

Associations

American Fisheries Society

California Trout

JEFFREY A. HALSTEAD
296 Burgan Avenue, Clovis, CA 93611
Home: (209) 298-2334
Work: (209) 237-5567

EDUCATION

California State University Fresno (CSUF), Fresno, CA, 1981-83, **M. A. (Biology)**; 1979-81, **B. A. (Zoology)**. Fresno City Community College, Fresno, CA, 1977-79, **A. A. (General Education)**.

EXPERIENCE

Consultant/Owner. **HALSTEAD & ASSOCIATES, Endangered Species/ Environmental Consultants**. 1991 to present. Clovis, CA.

Director-Environmental Resources. Wildlife, Fisheries, Water Quality Biologist. May 1984 to November 2006. **Kings River Conservation District**, Fresno, CA.

Consultant/Partner. **VELBOLOGY-Environmental Consultants**. Endangered and threatened species surveys and studies of wildlife and insects. 1988-1991. Fresno, CA.

Entomological Consultant. 1985 to 1987. **Consultants in Wildlife and Environmental Services Agency (CWESA)**, Fresno, CA.

Entomological Consultant. 1985 (Summer). **Pacific Agricultural Services, Inc.**, Fresno, CA.

Agricultural Inspector/Entomologist. February to May 1984. Biological Control Services Program, **California Department of Food and Agriculture**, Sacramento, CA.

Entomology Museum Curator. April 1983 to February 1984. **California State University Fresno (CSUF)**, Fresno, CA.

Teaching Assistant. 1981-1983 (3 semesters). **CSUF**.

Insect Collection Manager. February to May 1983. Plant Science Department, **CSUF**.

Agricultural Inspector/Entomologist. May to November, 1980 to 83. **California Department of Food and Agriculture**, Fresno, CA.

Biology-Zoology Tutor and Payroll Manager. March to May 1980. **Fresno City Community College**, Fresno, CA.

PROFESSIONAL ORGANIZATIONS

Entomological Society of America (ESA). Pacific Branch of the ESA. Entomological Society of Washington. The Brooklyn Entomological Society. American Entomological Society. American Society of Hymenopterists. R.M. Bohart Museum Society (UC Davis). Kansas Entomological Society. San Joaquin Valley Chapter of the Wildlife Society.

INSTITUTIONAL ORGANIZATIONS

The American Ornithologist Union. Cooper Ornithological Society. Wilson Ornithological Society. Raptor Research Foundation. Association of Field Ornithologists. The Wildlife Society. American Society of Mammalogists. Ecological Society. American Fisheries Society. Cal-Trout.

OTHER GROUPS

Wildlife Representative of Bakersfield District Advisory Council, U. S. Bureau of Land Management(1992-1996). President of Quail Unlimited, Fresno Chapter (1991, 1996). Habitat Chairman, as above (1991-1993, 1996-1998). Wildlife Habitat Improvement Program (WHIP) Coordinator, Quail Unlimited, Northern California State Committee (1991-1993). Fresno County Sportsmen's Club (1992-present, various positions, President 1996). Member of Outdoor Sportsmen's Coalition of California.

TRAINING COURSES

Sampling Techniques/Statistics Workshop - American Fisheries Society (1989)
Endangered Wildlife Technical Workshop - The Wildlife Soc. (1990)
An Introduction to CEQA - U.C. Davis (1991)
Resolving Endangered Species Conflicts - U.C. Davis (1991)
Dispute Resolution: Negotiating Land Use Conflicts - U.C. Davis (1992)
EIR / EIS Preparation, Management, and Review - U.C. Davis (1992)
CEQA: An Advanced Seminar - U.C. Davis (1992)
EIR/EIS Processing - U.C. Davis (1993)
EIR Project Management - U.C. Davis (1993)
Instream Flow Incremental Methodology - American Fisheries Soc. (1994)
Wetland Impacts and Mitigation - U.C. Davis (1994)
Natural Resources Negotiation and Decision Making - Sacramento (1995)
Wildlife and Fisheries Society Conferences (1995)
Ecology, Conservation, and Management of Vernal Pool Ecosystems (1996)
Land-Use Planning in Oak Woodlands - U.C. Davis Extension (1996)
Wetland Mitigation Banking - CDFG (1996)
Vernal Pool Conference - USFWS etc. (1996)
Sensitive Frog Sampling - Coarsegold RCD (1997)
Farming for Wildlife - TWS (1998)
Fish Passage and Bypass Facilities (1999)
Wetland Delineation and Permitting - USACOE (2000)
Fairy Shrimp Identification and Ecology - Denton Belk (2000)
Sensitive Amphibian Identification, Surveys, and Ecology - TWS (2001)
Section 7 Consultation Process for the Endangered Species Act - TWS (2002)
Working at a Watershed Level - Tetra Tech (2002)
Teamwork and Building of Successful Teams (2003)
Business Ethics and the Professional (2004)

Conflict Management and Working with Difficult People (2005)
GIS Basics for Managers (2005)
Natural Communities Workshop (2006)
Pesticide Applicators Professional Association (2006)
San Joaquin Valley Natural Communities Conference (2006)

ENDANGERED SPECIES PERMITS

Tipton Kangaroo Rat, Fresno Kangaroo Rat, Valley Elderberry Longhorn Beetle, Vernal Pool Fairy and Tadpole Shrimps, Willow Flycatcher, Bird Banding Permit, Collecting/Salvage Permit.

PUBLICATIONS

Entomology:

Halstead, J.A. & J.A. Oldham. 2000. New distributional records for the elderberry longhorn beetle Desmocerus californicus Horn (Coleoptera: Cerambycidae). Pan-Pacific Entomol. 76:74-76.

Halstead, J.A. 2000. A new species of Hockeria Walker from Mexico (Hymenoptera:Chalcididae). Pan-Pacific Entomol. 76:52-54.

Halstead, J.A. and Z. Boucek. 1993. Family Chalcididae. In Genera of Nearctic Chalcidoidea (Insecta: Hymenoptera). Agriculture Canada, Biosystematic Research Center, Ottawa.

Halstead, J.A. & R.D. Haines. 1991. New distributional records for some candidate species of Lytta in California (Coleoptera: Meloidae). Pan-Pacific Entomol. 68:68-69.

Halstead, J.A. 1991. Thaumatelia Kirby: A generic synonym of Brachymeria Westwood (Hymenoptera: Chalcididae). Proc. Entomol. Soc. Wash. 93:951-952.

Halstead, J.A. 1991. New species of Notaspidium Dalla Torre from the Nearctic and Neotropical Regions (Hymenoptera: Chalcididae). Pan-Pacific Entomol. 67:229-242.

Halstead, J.A. 1991. New species of Aspirhina Kirby from the Neotropical Region (Hymenoptera: Chalcididae). Pan-Pacific Entomol. 67:65-71.

Halstead, J.A. 1990. Revision of Hockeria Walker in the Nearctic Region with descriptions of males and five new species (Hymenoptera: Chalcididae). Proc. Ent. Soc. Wash. 92: 619-640.

Halstead, J.A. 1990. Revision of the genus Haltichella Spinola in the Nearctic region (Hymenoptera: Chalcididae). Proc. Entomol. Soc. Wash. 92:153-159.

Halstead, J.A. 1990. Redescription of males, biological notes, and identification of American Acanthochalcis (Hymenoptera: Chalcididae). Ent. News 101:75-80.

Halstead, J.A. 1989. Hymenoptera associated with a California population of the Russian Thistle biological control agent Coleophora Klimeschiella (Lepidoptera: Coleophoridae). Proc. Entomol. Soc. Wash. 91:635-636.

Halstead, J.A. 1990. New hosts for Cephalonomia utahensis Brues in California (Hymenoptera: Bethyilidae). Pan-Pac. Entomol. 66:170-171.

Halstead, J.A. 1989. On the biology and rarity of Ululodes arizonicus in California (Neuroptera: Ascalaphidae). Pan-Pacific Entomol. 65:418-419.

Halstead, J.A. 1988. The first records of Platychalcis in North America and new host records for Ceratosmicra spp. and Brachymeria ovata (Hymenoptera: Chalcididae). Ent. News. 99:193-198.

- Halstead, J.A. 1988. A gynandromorph of Hockeria rubra (Ashmead) (Hymenoptera: Chalcididae). Proc. Entomol. Soc. Wash. 90:258-259.
- Halstead, J.A. 1988. Belaspidia longicauda, new species, the first Nearctic Belaspidia (Hymenoptera: Chalcididae). Proc. Entomol. Soc. Wash. 88:87-90.
- Halstead, J.A. and R.D. Haines. 1987. New distribution records for some Nearctic dryinid wasps, with a species list from a flume in Tulare County California (Hymenoptera: Dryinidae). Pan-Pac. Entomol. 63:389-393.
- Halstead, J.A. and R.D. Haines. 1987. Flume collecting: A rediscovered insect collecting method, with notes on insect extracting techniques. Pan-Pac. Entomol. 63:383-389.
- Halstead, J.A. 1987. Brachymeria discretoidea, a new junior synonym of Brachymeria discreta (Hymenoptera: Chalcididae). Proc. Entomol. Soc. Wash. 89:131.
- Halstead, J.A. and C.G. Niwa. 1987. Rhyacionia zozana (Lepidoptera: Tortricidae), Host of Hockeria tenuicornis (Hymenoptera: Chalcididae) in Oregon. Pan-Pac. Entomol. 63:276-277.
- Halstead, J.A. 1987. On the rearing and association of Microchridium minutum and its probable host Ammoplanelus umatilla (Hymenoptera: Chrysididae, Sphecidae). Pan-Pac. Entomol. 63:256-257.
- Halstead, J.A. 1987. Acanthochalcis nigricans Cameron--New distribution information, including Central America. Pan-Pacific Entomol. 63:236.
- Halstead, J.A. 1987. A new host for Brachymeria ovata (Hymenoptera: Chalcididae): Harrisina brillians (Lepidoptera: Zygaenidae). Ent. News 98:51-52.
- Halstead, J.A. 1986. Ceratosmicra campoplegicus Burks, Male description and new distribution records (Hymenoptera: Chalcididae). Pan-Pac. Entomol. 62:323-325.
- Halstead, J.A. 1986. New distribution records for some Nearctic chalcidid wasps (Hymenoptera: Chalcididae). Proc. Entomol. Soc. Wash. 88:786.
- Halstead, J.A. 1986. On the distribution of Ceratosmicra meteori and C. paya (Hymenoptera: Chalcididae) in North America. Ent. News 97:99-100.
- Halstead, J.A. 1986. Distribution and seasonality of Megischus spp. (Hymenoptera: Stephanidae) in California. Ent. News 97:101-103.
- Halstead, J.A. and R.D. Haines. 1985. On the biology of Acanthochalcis nigricans Cameron and Acanthochalcis unispinosa Girault (Hymenoptera: Chalcididae). Pan-Pac. Entomol. 61:227-228.
- Halstead, J.A. 1984. Checklist of some wasps and bees collected from the Southern California Edison Powerhouse No. 3 flume located 1 mile south of Ash Mountain Park Headquarters, Sequoia National Park (Arthropoda: Insecta: Hymenoptera). 15 pp. For Sequoia National Park biologists, Report-not published.

Wildlife:

- Halstead, J.A. Kings River Conservation District. Various reports in wildlife, fisheries, and water quality.
- Halstead, J.A. Various Halstead and Associates, Environmental/Biological Consultants. Various reports in endangered species, wetlands, and wildlife.
- Boland, S.P., J.A. Halstead, and B.E. Valentine. 1989. Willow Flycatcher nestling parasitized by larval fly, Protocalliphora cuprina. Wilson Bull. 101:127.
- Halstead, J.A. 1988. American Dipper nestlings parasitized by blowfly larvae (Protocalliphora aenea and P. braueri) and the

northern fowl mite (Ornithonyssus sylviarum). Wilson Bull. 100:507-508.

Single, J.R., J.A. Oldham, and J.A. Halstead. 1989. Comparison of spotlight and track counts of Mule Deer in the Sierra Nevada Foothills. Tran. Western Section Wildl. Soc. 25:85-88.

Single, J.R., J.A. Halstead, and J.A. Oldham. 1987. Relative efficiency and bias of three methods of censusing carnivores. Proc. Cent. Calif. Res. Symp. 8:45-abstract.

Hosler, T.E., J.R. Single, and J.A. Halstead. 1987. Patterns of microsympatry and microallopatry in four species of deer mice (Peromyscus) in the central Sierra Foothills. Proc. Cent. Calif. Res. Symp. 8:23-abstract.