DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

RIN 0648–XAX97

Endangered and Threatened Species; Take of Anadromous Fish

AGENCY: National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Notice of issuance of permits.

SUMMARY: NMFS has issued permit 15926 to UC Davis Department of Animal Science Genomic Variation Laboratory (UC Davis) on September 7, 2011, authorizing the transfer of ESA-listed tissue specimens from the California Department of Fish and Game Central Valley Salmonid Tissue Archive to UC Davis, for purposes of genetic investigation. The archived collection includes tissue specimens from endangered Sacramento River (SR) winter-run Chinook salmon (Oncorhynchus tshawytscha), threatened Central Valley (CV) spring-run Chinook salmon (O. tshawytscha), and threatened California Central Valley steelhead (O. mykiss). UC Davis will genotype the tissues, utilizing microsatellite and single nucleotide polymorphism (SNPs) markers, to study genetic relationships associated with different geographic populations and identify potential salmonid sources for the study are: to determine correlation of fish entrainment with river diversion flows, to quantify benefits to fish populations from screening small-scale agricultural diversions, and to advance the development of criteria for prioritizing fish screening projects on the Sacramento River. Permit 16083 will expire on January 31, 2013.

Dated: September 12, 2011.
Angela Somma,
Chief, Endangered Species Division, Office of Protected Resources, National Marine Fisheries Service.

Permits

Permit 15926 was issued to UC Davis Department of Animal Science Genomic Variation Laboratory (UC Davis) on September 7, 2011, authorizing the transfer of ESA-listed tissue specimens from the California Department of Fish and Game Central Valley Salmonid Tissue Archive to UC Davis, for purposes of genetic investigation. The archived collection includes tissue specimens from endangered Sacramento River (SR) winter-run Chinook salmon (Oncorhynchus tshawytscha), threatened Central Valley (CV) spring-run Chinook salmon (O. tshawytscha), and threatened California Central Valley steelhead (O. mykiss). UC Davis will genotype the tissues, utilizing microsatellite and single nucleotide polymorphism (SNPs) markers, to study genetic relationships associated with different geographic populations and identify potential salmonid sources for the study are: to determine correlation of fish entrainment with river diversion flows, to quantify benefits to fish populations from screening small-scale agricultural diversions, and to advance the development of criteria for prioritizing fish screening projects on the Sacramento River. Permit 16083 will expire on January 31, 2013.

Juvenile fish will be captured by fyke net, identified to species, enumerated and measured. Dead or moribund fish will be removed from the irrigation canals and live fish will be released into the Sacramento River. The objectives of the study are: to determine correlation of fish entrainment with river diversion flows, to quantify benefits to fish populations from screening small-scale agricultural diversions, and to advance the development of criteria for prioritizing fish screening projects on the Sacramento River. Permit 16083 will expire on January 31, 2013.

Dated: September 12, 2011.
Angela Somma,
Chief, Endangered Species Division, Office of Protected Resources, National Marine Fisheries Service.

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DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

RIN 0648–XA696

Endangered and Threatened Species; Take of Anadromous Fish

AGENCY: National Marine Fisheries Service (NMFS), National Oceanic and Atmospheric Administration (NOAA), Commerce.

ACTION: Receipt of applications for scientific research permits; request for comments.

SUMMARY: Notice is hereby given that NMFS has received applications for section 10(a)(1)(A) of the Endangered Species Act (ESA) scientific research permits from FISHBIO Environmental, LLC (FISHBIO) in Oakdale, CA (16531), and California Department of Water Resources Environmental Services (DWR–ES), in West Sacramento, CA (16543). This document serves to notify the public of availability of the permit applications for review and comment.

DATES: Written comments on the permit applications must be received no later than 5 p.m. Pacific Standard Time on October 17, 2011.

ADDRESSES: Written comments on the permit applications should be sent to the appropriate office as indicated below. Comments may also be sent via e-mail to: FRNPermitsSac@noaa.gov or fax to the number indicated for the request. The applications and related documents are available for review by appointment: Protected Resources Division, NMFS, 650 Capitol Mall, Suite