Appendix A: Glossary of Terms and Acronyms

NEPA TERMINOLOGY

The controlling definitions for terms under CEQ's NEPA regulations are contained at 40 CFR. The numbers in parentheses refer to the appropriate section of 40 CFR. These definitions are provided as a supplement to those regulatory definitions.

Categorical exclusion (CE) (1508.4)—An action with no measurable environmental impact which is described in one of the categorical exclusion lists in section 3-3 or 3-4 and for which no exceptional circumstances (section 3-5) exist. NPS also uses the acronym "CX" to denote a categorical exclusion.

Connected actions (1508.25)—Actions that are closely related. They automatically trigger other actions that have environmental impacts, they cannot or will not proceed unless other actions have been taken previously or simultaneously, or they are interdependent parts of a larger action and/or depend on the larger action for their justification.

Conservation planning and impact assessment—Within NPS, this process is synonymous with the NEPA process. This process evaluates alternative courses of action and impacts so that decisions are made in accord with the conservation and preservation mandate of the NPS Organic Act.

Cooperating agency (1508.5)—A federal agency other than the one preparing the NEPA document (lead agency) that has jurisdiction over the proposal by virtue of law or special expertise and that has been deemed a cooperating agency by the lead agency. State or local governments, and/or Indian tribes, may be designated cooperating agencies as appropriate (see 1508.5 and 1502.6).

Cultural resources (NPS-28, Appendix A)—Aspects of a cultural system that are valued by or significantly representative of a culture or that contain significant information about a culture. A cultural resource may be a tangible entity or a cultural practice. Tangible cultural resources are categorized as districts, sites, buildings, structures, and objects for the National Register of Historic Places, and as archeological resources, cultural landscapes, structures, museum objects, and ethnographic resources for NPS management purposes.

Cumulative actions (1508.25)—Actions that, when viewed with other actions in the past, the present, or the reasonably foreseeable future, regardless of who has undertaken or will undertake them, have an additive impact on the resource the proposal would affect.

Cumulative impact (1508.7)—The impacts of cumulative actions.

Direct effect (1508.8)—An impact that occurs as a result of the proposal or alternative in the same place and at the same time as the action.

Environmental assessment (EA) (1508.9)—A brief NEPA document that is prepared to (a) help determine whether the impact of a proposal or alternatives could be significant; (b) aid NPS in

compliance with NEPA by evaluating a proposal that will have no significant impacts, but that may have measurable adverse impacts; or (c) evaluate a proposal that either is not described on the list of categorically excluded actions, or is on the list but exceptional circumstances (section 3-5) apply.

Environmental impact statement (EIS) (1508.11)—A detailed NEPA document that is prepared when a proposal or alternatives have the potential for significant impact on the human environment.

Environmental screening process—The analysis that precedes a determination of the appropriate level of NEPA documentation. The minimum requirements of the environmental screening process are a site visit, consultation with any agency that has jurisdiction by law or special expertise, and the completion of a screening checklist. The process must be complete for all NPS actions that have the potential for environmental impact and are not described in section 3-3.

Environmentally preferred alternative (1505.2, Q6a)—Of the alternatives analyzed, the one that would best promote the policies in NEPA section 101. This is usually selected by the IDT members. It is presented in the NPS NEPA document (draft and final EIS or EA) for public review and comment.

Exceptional circumstances—Circumstances that, if they apply to a project described in the NPS categorical exclusion lists (sections 3-3 and 3-4), mean a CE is inappropriate and an EA or an EIS must be prepared because the action may have measurable or significant impacts. Exceptional circumstances are described in section 3-5.

Finding of no significant impact (FONSI) (1508.13)—A determination based on an EA and other factors in the public planning record for a proposal that, if implemented, would have no significant impact on the human environment.

Human environment (1508.14)—Defined by CEQ as the natural and physical environment, and the relationship of people with that environment (1508.14). Although the socioeconomic environment receives less emphasis than the physical or natural environment in the CEQ regulations, NPS considers it to be an integral part of the human environment.

Impact topics—Specific natural, cultural, or socioeconomic resources that would be affected by the proposed action or alternatives (including no action). The magnitude, duration, and timing of the effect to each of these resources is evaluated in the impact section of an EA or an EIS.

Indirect impact (1508.8)—Reasonably foreseeable impacts that occur removed in time or space from the proposed action. These are "downstream" impacts, future impacts, or the impacts of reasonably expected connected actions (e.g., growth of an area after a highway to it is complete).

Issues—In NEPA, issues are environmental, social, and economic problems or effects that may occur if the proposed action or alternatives (including no action) are implemented or continue to be implemented.

Lead agency (1508.16)—The agency either preparing or taking primary responsibility for preparing the NEPA document.

Major federal action (1508.18)—Actions that have a large federal presence and that have the potential for significant impacts to the human environment. They include adopting policy, implementing rules or regulations; adopting plans, programs, or projects; ongoing activities; issuing permits; or financing projects completed by another entity.

Memo to file—A memo to the planning record or statutory compliance file that NPS offices may complete when (a) NEPA has already been completed in site-specific detail for a proposal, usually as part of a document of larger scope, or (b) a time interval has passed since the NEPA document was approved, but information in that document is still accurate.

Mitigated EA (Q40)—An EA that has been rewritten to incorporate mitigation into a proposal or to change a proposal to reduce impacts to below significance.

Mitigation (1508.20)—A modification of the proposal or alternative that lessens the intensity of its impact on a particular resource.

NEPA process—The objective analysis of a proposal to determine the degree of its environmental and interrelated social and economic impacts on the human environment, alternatives and mitigation that reduce that impact, and the full and candid presentation of the analysis to, and involvement of, the interested and affected public.

Notices of availability—Separate notices submitted to the *Federal Register* that the draft EIS and the final EIS are ready for distribution.

Notice of intent (1508.22)—The notice submitted to the *Federal Register* that an EIS will be prepared. It describes the proposed action and alternatives, identifies a contact person in NPS, and gives time, place, and descriptive details of the agency's proposed scoping process.

Preferred alternative (1502.14 (e))—The alternative an NPS decision-maker has identified as preferred at the draft EIS stage or EA. Identification of the preferred alternative helps the public focus its comments during review of the NEPA document.

Programmatic documents—Broader scope EAs or EISs that describe the impacts of proposed policy changes, programs, or plans.

Proposal (1508.23)—The stage at which NPS has a goal and is actively preparing to make a decision on one or more alternative means of accomplishing that goal. The goal can be a project, plan, policy, program, and so forth. NEPA begins when the effects can be meaningfully evaluated.

Record of decision (ROD) (1505.2)—The document that is prepared to substantiate a decision based on an EIS. It includes a statement of the decision made, a detailed discussion of decision rationale, and the reasons for not adopting all mitigation measures analyzed, if applicable.

Scoping (1508.25)—Internal NPS decision-making on issues, alternatives, mitigation measures, the analysis boundary, appropriate level of documentation, lead and cooperating agency roles, available references and guidance, defining purpose and need, and so forth. External scoping is the early involvement of the interested and affected public.

Tiering (1508.28)—The use of broader, programmatic NEPA documents to discuss and analyze cumulative regional impacts and define policy direction, and the incorporation by reference of this material in subsequent narrower NEPA documents to avoid duplication and focus on issues "ripe for decision" in each case.

ACRONYMS

CE Categorical exclusion
CEF Categorical exclusion form

CEQ President's Council on Environmental Quality

CX Categorical exclusion

DEC Division Environmental Comment request issued by NPS Environmental Quality

Division-WASO

DM Departmental manual
DOI Department of the Interior
EA Environmental assessment

ECM Environmental compliance memorandum

EIS Environmental impact statement

EO Executive order

EPA Environmental Protection Agency

ER Environmental Review issued by the Department of the Interior

ERM Environmental review memorandum

ESA Endangered Species Act

ESM Environmental statement memorandum

ESF Environmental screening form
EQD Environmental Quality Division
FONSI Finding of no significant impact
GGNRA Golden Gate National Recreation Area

GMP General management plan

IDT Interdisciplinary team

NEPA National Environmental Policy Act NHPA National Historic Preservation Act

NMFS National Marine Fisheries Service (New name is NOAA Fisheries)

NOA Notice of availability NOI Notice of intent NPS National Park Service

PORE Point Reyes National Seashore REO Regional environmental officer

ROD Record of decision SSO System support office

FIRE TERMS AND DEFINITIONS

AFFIRMS. (Administrative and Forest Fire Information Retrieval and Management System): A user-oriented interactive computer program which permits entry of fire weather observations and fire weather forecasts and which computes danger indices.

Backing fire. A prescribed fire or wildfire burning into or against the wind or down the slope without the aid of wind.

BEHAVE. A refinement of the Fire Behavior Prediction System that allows development of customized fuel models that can access the Rothermel fire spread equation (Burgan and Rothermel 1984).

Blackline. Preburning of fuels, either adjacent to a control line before igniting a prescribed fire or along a roadway or boundary as a deterrent to human-caused fires. Blacklining is usually done in heavy fuels adjacent to a control line during periods of low fire danger to reduce pressure on holding forces; blackline denotes a condition in which there is no unburned fine fuel remaining.

Burning index (BI). A relative number related to the contribution that fire behavior makes to the amount of effort needed to contain a fire in a specified fuel type. Doubling the BI indicates twice the effort will be required to contain a fire in that fuel type as was previously required providing all other parameters are held constant.

Cold trail. Method of controlling a partly-dead fire edge by careful inspection and feeling with the hand to detect any fire and extinguishing it by digging out every live spot and trenching any live edge.

Complex fire management program. A program involving prescribed burning, in addition to wildland fire suppression.

Density. The number of individuals, usually by species, per unit area.

Fire behavior. The response of fire to its environment of fuel, weather, and terrain including its ignition, spread, and development.

Fire effects. Physical, biological, and ecological impacts of fire on the environment.

Fire effects monitoring. A process that allows managers to evaluate whether environmental goals and objectives are being achieved and to adjust prescriptions to achieve a desired range of effects on the biotic and physical environment. Fire effects monitoring does not necessarily prove cause-and-effect associations. However, such monitoring will indicate if specific prescribed burn objectives were met and help management assess long-term change in these fire management areas.

Fire hazard. A fuel complex, defined by volume, type condition, arrangement, and location, that determines the degree of ease of ignition and of resistance to control.

Fire intensity. A general term relating to the heat energy released in a fire.

Fire resistance. A botanical adaptation that results in a lower probability of being injured or killed by fire. (e.g., thick platy or corky bark, or buds protected by long needles).

Fire return interval. Length of time necessary for an area equal to the entire area of interest to burn; size of the area of interest must be clearly specified.

Fire monitoring. The systematic process of collecting and recording fire-related data, particularly with regards to fuels, topography, weather, fire behavior, fire effects, smoke, and fire location.

Fire weather. Weather conditions which influence fire ignition, behavior, and suppression.

Fireline. Generally, any cleared or treated strip used to control a fire's spread; more specifically, that portion of a control line from which flammable materials have been removed by scraping or digging to mineral soil.

Flame height. The average maximum vertical extension of flames at the leading edge of the fire front. Occasional flashes that rise above the general level of flames are not considered. This distance is less than the flame length if flames are tilted due to wind or slope.

Flame length. The distance between the flame tip and the midpoint of the flame depth at the base of the flame (generally the ground surface); an indicator of fire intensity.

Flammability. The relative ease with which a substance ignites and sustains combustion.

Fuel. The materials which are burned in a fire: duff litter, grass dead branch wood, snags, logs, stumps, weeds, brush, foliage, and to a limited degree, green trees.

Fuel break. Generally wide (10-1000 feet) strips of land on which native vegetation has been permanently modified so that fires burning into them can be more readily controlled. Some fuelbreaks contain firelines (e.g., roads, handlines) which can be quickly widened with hand tools or by burning out.

Fuel loading. Amount of dead fuel present on a particular site a given time; the percentage of fuel available for combustion changes with the season.

Fuel model. Simulated fuel complex for which all fuel descriptors required for the solution of a mathematical rate of spread model have been specified.

Hazardous fuels. Fuels that, if ignited, could threaten park developments, human life and safety, natural resources, or carry fire across park boundaries.

Head fire. A fire front spreading or ignited to spread with the gradient (downwind or upslope).

Human-caused fire. Any fire caused directly of indirectly by person(s).

Mean Fire Interval. Arithmetic average of all fire intervals determined, in years in a designated area during a specified time period; size of the area and the time period must be specified.

NFDRS. (National Fire Danger Rating System) Multiple index scheme designed to provide fire suppression and land management personnel with a systematic means of assessing various aspects of fire danger on a day-to-day basis.

NIFQS. (National Interagency Fire Qualification System) Fire management qualifications systems which describes for a particular large fire suppression organization the acceptable standards for experience, training, and physical fitness required for principal jobs within the system. NIFQS, when coupled with a large fire suppression organization, provides a complete system for fire management.

NIIMS. (National Interagency Incident Management System) Common command system designed to be used by any agency as a day-to-day operational procedure which can be expanded in scope to provide management for major single or multi-jurisdictional emergencies.

Natural fire. Any fire of natural origin (e.g., lightning, spontaneous combustion, volcanic activity).

Prescribed burning. The deliberate ignition of a fire in accordance with an established management plan to accomplish specific objectives under given prescriptions for weather and fuel conditions.

Prescribed fire. The skillful application of fire to natural fuels under conditions of weather, fuel moisture, soil moisture, etc., that will allow confinement of the fire to a predetermined area and at the same time will produce the intensity of heat and rate of spread required to meet certain overall objectives in the areas of silviculture, wildlife management, grazing, hazard fuel reduction, etc. The overall objective of prescribed fire is to employ fire scientifically to realize maximum net benefits with minimum damage and acceptable cost.

Presuppression. Activities undertaken in advance of fire occurrence to help ensure more effective fire suppression; includes over-all planning, recruitment and training of fire personnel, procurement and maintenance of firefighting equipment and supplies, fuel treatment, and creating, maintaining, and improving a system of fuelbreaks, roads, water sources, and control lines.

Prevention. All activities concerned with minimizing the incidence of wildfires.

Rate of spread. Relative activity of a fire in extending its horizontal dimensions, expressed as rate of increase of the perimeter, rate of increase in area, or rate of advance of its head, depending on the intended use of the information; generally in chains or acres per hour for a specific period in the fire's history.

Rehabilitation. The activities necessary to repair damage or disturbance caused by wildfire or the fire suppression activity.

Smoke Management. Application of knowledge of fire behavior and meteorological processes to minimize degradation of air quality during prescribed fires.

Smokechaser. Person whose principal function is fire suppression.

Suppression. All actions intended to extinguish or limit the growth of fires, regardless of the strategies and tactics chosen.

Timelag. Time necessary, under specified conditions, for a fuel particle to lose approximately 63% of the difference between its initial moisture content and its equilibrium moisture content. Providing conditions remain unchanged, a fuel will reach 95% of its equilibrium moisture content after 4 timelag periods.

Urban/Wildland Interface. Line, area, or zone where structures and other human development meets or intermingles with undeveloped wildland or vegetation fuels.

WIMS. (Weather Information Management System). This new computerized system will replace the current AFFIRMS program in 1992.

Wet line. A line of water, or water and chemical retardant, sprayed along the ground, and which serves as a temporary control line from which to ignite or stop a low-intensity fire.

Wildfire. Any fire occurring on wildland that is not meeting management objectives and thus requires a suppression response.

Appendix B: List of Classified Structures

List of Classified Structures in Project Area

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
1	BO1940	9234	Olema Lime Kilns	Entered - Documented	State	Good	PORE
2	BO1945	56471	Randall Ranch Olema-Bolinas Road	Undetermined	Not Evaluated	Fair	PORE
3	BO1950	56415	Hagmaier Ranch Main Residence	Determined Eligible - SHPO	State	Good	PORE
4	BO1951	56416	Hagmaier Ranch Manager's House	Determined Eligible - SHPO	State	Good	PORE
5	BO1952	56417	Hagmaier Ranch Old Milking Barn	Determined Eligible - SHPO	State	Good	PORE
6	BO1953	56418	Hagmaier Ranch North Shed	Determined Eligible - SHPO	State	Fair	PORE
7	BO1954	56419	Hagmaier Ranch South Shed	Determined Eligible - SHPO	State	Fair	PORE
8	BO1980	9264	Teixeira Ranch Main House	Determined Eligible - SHPO	State	Good	PORE
9	BO1981	9265	Teixeira Ranch Grade A Dairy	Undetermined	Local	Good	PORE
10	BO1982	9266	Teixeira Ranch Original Milking Barn	Determined Eligible - SHPO	Local	Fair	PORE
11	BO1983	22725	Teixeira Ranch Horse Barn	Undetermined	Local	Fair	PORE
12	BO1984	22727	Teixeira Ranch Foot Bridge	Undetermined	Local	Poor	PORE
13	BO1985	22728	Teixeira Ranch Bridge	Undetermined	Local	Good	PORE
14	BO1986	22729	Teixeira Ranch Garage/Shed	Undetermined	Not Evaluated	Fair	PORE
15	BO1987	22730	Teixeira Ranch Fuel Storage Shed	Undetermined	Not Evaluated	Fair	PORE
16	BO1988	22711	Teixeira Ranch Stock Shed	Undetermined	Not Evaluated	Fair	PORE
17	BO1989	56412	Teixeira Ranch Water Tank	Undetermined	Not Evaluated		PORE
18	BO1990	56413	Teixeira Ranch Small Shed	Undetermined	Not Evaluated		PORE
19	BO1991	56414	Teixeira Ranch Wood Shed	Undetermined	Not Evaluated		PORE
20	BO2040	56475	Marconi Station Transmitter Building	Undetermined	Not Evaluated		PORE
21	BO2041	56476	Marconi Station Hotel	Undetermined	Not Evaluated	Good	PORE
22	BO2042	56477	Marconi Station Cottage #1	Undetermined	Not Evaluated		PORE
23	BO2043	56478	Marconi Station Cottage #2	Undetermined	Not Evaluated	Good	PORE
24	BO2044	56479	Marconi Station Tennis Court	Undetermined	Not Evaluated	Fair	PORE
25	BO2045	56480	Marconi Station Radio Tower Bases	Undetermined	Not Evaluated	Fair	PORE
26	BO2050	56481	RCA Station Transmitter Building	Undetermined	Not Evaluated	Good	PORE
27	BO2051	56482	RCA Station Service Station	Undetermined	Not Evaluated	Poor	PORE
28	BO2052	56483	RCA Station Power House	Undetermined		Fair	PORE
29	BO2053	56484	RCA Station Cooling Tower	Undetermined	Not Evaluated	Fair	PORE
30	BO2070	56474	Ingermann Ranch House	Determined Eligible - SHPO	State	Fair	PORE
31	BV1600	56405	W Ranch Milking Barn	Determined Eligible - SHPO	State	Good	PORE
32	BV1700	56406	W Ranch John Rapp House	Determined Eligible - SHPO	State	Good	PORE

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
33	BV1740	56423	Bear Valley Dedication Plaque	Ineligible - Managed as Resource	Not Significant	Good	PORE
34	BV1741	56424	Bear Valley Phillip Burton Wilderness Plaque	Ineligible - Managed as Resource	Not Significant	Good	PORE
35	BV1742	56485	Morgan Horse Ranch Dedication Plaque	Ineligible - Managed as Resource	Not Significant	Fair	PORE
36	BV1750	57556	Kule Loklo	Ineligible - Managed as Resource	Not Significant	Fair	PORE
37	BV1751	56408	W Ranch Z Ranch Road	Determined Eligible - SHPO	State	Fair	PORE
38	BV1752	56409	W Ranch Old Pine Trail	Determined Eligible - SHPO	State	Fair	PORE
39	BV1815	56411	Z Ranch Water System	Determined Eligible - SHPO	State	Fair	PORE
40	BV1845	56433	Glen Ranch Road	Determined Eligible - SHPO	State	Fair	PORE
41	BV1865	56434	Wildcat Ranch Road	Determined Eligible - SHPO	State	Good	PORE
42	BV1890	56425	Bear Valley Clem Miller Grave	Ineligible - Managed as Resource	Not Significant	Good	PORE
43	HE0012	9227	Point Reyes Light Station Stairway and Winch	Entered - Documented	Contributing	Good	PORE
44	HE0013	56300		Entered - Undocumented	Contributing	Poor	PORE
45	HE0014	16043	Point Reyes Light Station West Rainshed & Cistern	Entered - Documented	Contributing	Fair	PORE
46	HE0015	56301	Point Reyes Light Station Oil House	Entered - Documented	Contributing	Good	PORE
47	HE0016	9228	Point Reyes Light Station Fog Signal Equipment Bld	Entered - Documented	Contributing	Good	PORE
48	HE0017	9229	Point Reyes Light Station Keeper's Garage	Entered - Documented	Contributing	Good	PORE
49	HE0018	56302	Point Reyes Light Station East Water Tank	Entered - Undocumented	Contributing	Good	PORE
50	HE0020	56303	Point Reyes Light Station Weather Bureau Building	Entered - Undocumented	Contributing	Fair	PORE
51	HE0021	9231	Point Reyes Light Station Fuel and Paint Storage	Entered - Documented	Contributing	Fair	PORE
52	HE0022	9232	Point Reyes Light Station Pumphouse	Entered - Documented	Contributing	Fair	PORE
53	HE0023	56304		Entered - Undocumented	Contributing	Poor	PORE
54	HE0024	56305	Point Reyes Light Station Fog Signal Building Ruin	Entered - Undocumented	Contributing	Poor	PORE
55	HE0025	9233	Point Reyes Light Station Lighthouse	Entered - Documented	State	Good	PORE

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
56	HE0026	56306	Point Reyes Light Station Laundry Bldg Foundation	Entered - Undocumented		Poor	PORE
57	HE0027	56307		Determined Eligible - SHPO	State	Good	PORE
58	HE0028	56308	Point Reyes Light Station Scr 682 No. 1 Radar Site	Undetermined	Not Evaluated	Fair	PORE
59	HE0029	56309		Entered - Undocumented	Contributing	Fair	PORE
60	HE0030	56310	Point Reyes Light Station National Register Plaque	Ineligible - Managed as Resource	Not Significant	Good	PORE
61	HE0031	56299	Point Reyes Light Station Granite Survey Monument	Entered - Undocumented	Contributing	Good	PORE
62	HE0115	9240	Point Reyes Lifeboat Station Officer-In-Charge Res	Entered - Documented	Contributing	Good	PORE
63	HE0116	16044	Point Reyes Lifeboat Station Water Storage Tank #1	Entered - Documented	Contributing	Fair	PORE
64	HE0117	16045	Point Reyes Lifeboat Station Water Storage Tank #2	Entered - Documented	Contributing	Poor	PORE
65	HE0118	9235	Point Reyes Lifeboat Station One-Car Garage	Entered - Documented	Contributing	Fair	PORE
66	HE0119	9236	Point Reyes Lifeboat Station Pumphouse	Entered - Documented	Contributing	Good	PORE
67	HE0120	16046	Point Reyes Lifeboat Station Stone Faced Wall	Entered - Documented	Contributing	Good	PORE
68	HE0121	16047	Point Reyes Lifeboat Station Water Storage Tank #3	Entered - Documented	Contributing	Good	PORE
69	HE0122	16048	Point Reyes Lifeboat Station Water Storage Tank #4	Entered - Documented	Contributing	Good	PORE
70	HE0123	9237	Point Reyes Lifeboat Station Fire Pumphouse	Entered - Documented	Contributing	Good	PORE
71	HE0124	16049	Point Reyes Lifeboat Station Low Rock Wall	Entered - Documented	Contributing	Fair	PORE
72	HE0125	9238	Point Reyes Lifeboat Station Boathouse	Entered - Documented	National	Good	PORE
73	HE0126	9239	Point Reyes Lifeboat Station Three Stall Garage	Entered - Documented	Contributing	Good	PORE
74	HE0127	56311	Point Reyes Lifeboat Station Road	Entered - Undocumented	Contributing	Good	PORE
75	HE0128	56312	Point Reyes Lifeboat Station Fuel Tanks	Entered - Undocumented	Contributing	Fair	PORE
76	HE0129	56313	Point Reyes Lifeboat Station Concrete Walks	Entered - Undocumented	Contributing	Fair	PORE
77	HE0130	56314	Point Reyes Lifeboat Station Drake Plaque	Ineligible - Managed as Resource	Not Significant	Good	PORE
78	HE0131	56315	Point Reyes Lifeboat Station NHL Plaque	Ineligible - Managed as Resource	Not Significant	Good	PORE
79	HE0132	55741	36-foot Motor Lifeboat No. 36542	Entered - Documented	Contributing	Good	PORE

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
80	HE0133	22267	Point Reyes Lifeboat Station Marine Railway	Entered - Documented		Poor	PORE
81	LI1519	56426	Clem Miller Environmental Education Center Plaque	Ineligible - Managed as Resource	Not Significant	Good	PORE
82	LI1535	56432	Point Reyes Old Coast Road	Determined Eligible - SHPO	State	Fair	PORE
83	PA0215	56331	A Ranch Calf Shed	Determined Eligible - SHPO		Fair	PORE
84	PA0216	56332	A Ranch Gates, Fences, Corrals	Determined Eligible - SHPO	State	Fair	PORE
85	PA0250	56333	B Ranch Old House	Determined Eligible - SHPO	State	Fair	PORE
86	PA0251	56334	B Ranch Creamery	Determined Eligible - SHPO		Poor	PORE
87	PA0252	56335	B Ranch Horse Barn	Determined Eligible - SHPO		Fair	PORE
88	PA0253	56336	B Ranch Old Milking Barn	Determined Eligible - SHPO	State	Fair	PORE
89	PA0254	56337	B Ranch Grade A Barn	Undetermined	Not Evaluated	Fair	PORE
90	PA0255	56338	B Ranch Shed 1	Determined Eligible - SHPO	State	Fair	PORE
91	PA0256	56339	B Ranch Shed 2	Determined Eligible - SHPO	State	Fair	PORE
92	PA0257	56340	B Ranch Shed 3	Determined Eligible - SHPO	State	Fair	PORE
93	PA0270	56341	B Ranch Gates, Corrals, Fences	Determined Eligible - SHPO	State	Fair	PORE
94	PA0320	22268	C Ranch Main House	Determined Eligible - SHPO	State	Good	PORE
95	PA0321	22269	C Ranch Old Milking Barn	Determined Eligible - SHPO	State	Fair	PORE
96	PA0322	22270	C Ranch Chicken House	Determined Eligible - SHPO	State	Poor	PORE
97	PA0323	56342	C Ranch Garage/Shed	Determined Eligible - SHPO	State	Fair	PORE
98	PA0324	56344	C Ranch Bunk House	Determined Eligible - SHPO	State	Poor	PORE
99	PA0329	56343	C Ranch Gates, Corrals, Fences	Determined Eligible - SHPO	State	Fair	PORE
100	PA0390	56345	D Ranch Old Ranch House	Determined Eligible - SHPO	State	Fair	PORE
101	PA0391	56346	D Ranch Old Creamery	Determined Eligible - SHPO	State	Poor	PORE
102	PA0392	56347	D Ranch Horse Barn	Determined Eligible - SHPO	State	Fair	PORE
103	PA0393	56348	D Ranch Old Milking Barn	Determined Eligible - SHPO	State	Fair	PORE
104	PA0394	56349	D Ranch Bunk House	Determined Eligible - SHPO	State	Fair	PORE
105	PA0395	56350	D Ranch Shed	Determined Eligible - SHPO	State	Fair	PORE

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
106	PA0396	56351	D Ranch Old Garage	Determined Eligible - SHPO		Fair	PORE
107	PA0397	56352	D Ranch Grade A Milking Barn		State	Good	PORE
108	PA0400	56354	D Ranch Fences, Corrals, Gates		State	Fair	PORE
109	PA0460	56420	Drakes Beach 1946 Drake Monument	Ineligible - Managed as Resource	Not Significant	Good	PORE
110	PA0461	56421	Drakes Beach Drake Navigators Guild Monument		Not Significant	Fair	PORE
111	PA0462	56422	Drakes Beach Nova Albion Plaque	Ineligible - Managed as Resource	Not Significant	Good	PORE
112	PA0490	56356	E Ranch Old Milking Barn	Determined Eligible - SHPO	State	Fair	PORE
113	PA0498	56358	E Ranch Road	Determined Eligible - SHPO		Fair	PORE
114	PA0499	56359	E Ranch Fences, Gates, Corrals	Eligible - SHPO		Fair	PORE
115	PA0530	56361	F Ranch Schooner Landing (Ruin)	Determined Eligible - SHPO		Poor	PORE
116	PA0531	56362	F Ranch Schooner Landing Road	Determined Eligible - SHPO		Poor	PORE
117	PA0600	56365	G Ranch Cemetery Hinrik Claussen Grave	Ineligible - Managed as Resource	Not Significant	Good	PORE
118	PA0601	56366	G Ranch Cemetery Agneta Claussen Grave	Ineligible - Managed as Resource	Not Significant	Fair	PORE
119	PA0602	56367	G Ranch Cemetery Christiane Claussen Grave	Ineligible - Managed as Resource	Not Significant	Fair	PORE
120	PA0603	56368	G Ranch Cemetery Capt. Peter Henry Claussen Grave	Ineligible - Managed as Resource	Not Significant	Fair	PORE
121	PA0604	56369	G Ranch Cemetery Claussen Graveyard Fence	Ineligible - Managed as Resource	Not Significant	Good	PORE
122	PA0605	56370	Life-Saving Service Cemetery Fred Carstens Grave	Ineligible - Managed as Resource	Not Significant	Fair	PORE
123	PA0606	56371	Life-Saving Service Cemetery John Korpala Grave	Ineligible - Managed as Resource	Not Significant	Fair	PORE
124	PA0607	56372	Life-Saving Service Cemetery Andrew Anderson Grave	Ineligible - Managed as Resource	Not Significant	Fair	PORE
125	PA0608	56373	Life-Saving Service Cemetery George Larson Grave	Ineligible - Managed as Resource	Not Significant	Poor	PORE

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
126	PA0609	56374	Life-Saving Service Cemetery	Ineligible -	Not Significant	Poor	POR
			Unidentified Grave	Managed as Resource	3		
127	PA0610	56375	Life-Saving Service Cemetery	Ineligible -	Not Significant	Fair	POR
			Fence	Managed as	3		
				Resource			
128	PA0690	9267	Home Ranch Main House	Determined	State	Good	PORI
				Eligible - SHPO			
129	PA0691	9268	Home Ranch Milking Barn	Determined	State	Fair	POR
				Eligible - SHPO			
130	PA0693	9270	Home Ranch Hog and Hen		State	Fair	POR
				Eligible - SHPO			
131	PA0694	9271	Home Ranch Wood Shed	Determined	State	Good	POR
	L			Eligible - SHPO			
132	PA0695	9272		Undetermined	Not Evaluated	Good	PORI
	D 1 0 10 1	0.250	Residence		g		2007
133	PA0696	9273		Determined	State	Fair	POR
101	D 4 0 505	0251		Eligible - SHPO	G.		DOT
134	PA0697	9274		Determined	State	Poor	POR
105	D + 0 < 0 0	0.250		Eligible - SHPO			DOD
135	PA0698	9278	Home Ranch Dog Shed/Storage			Fair	POR
136	PA0699	9279	Home Ranch Garage	Undetermined		Fair	POR
137	PA0700	9280	Home Ranch Pumphouse	Undetermined		Fair	POR
138	PA0701	9281	Home Ranch Granary/Shed	Determined	State	Poor	POR
	- · · · - · ·	0.0.0		Eligible - SHPO			
139	PA0702	9282	Home Ranch Horse Barn	Determined Eligible - SHPO		Fair	PORI
140	PA0703	56427	Home Ranch Gates, Corrals, Fences	Undetermined	State	Fair	POR
141	PA0720	56428	Home Ranch Old Point Reyes	Determined	State	Fair	POR
			Road	Eligible - SHPO			
142	PA0721	56429	Home Ranch Glenbrook/New	Determined	State	Fair	POR
			Albion Road	Eligible - SHPO			
143	PP0850	56400	M Ranch Horse Barn	Determined	State	Fair	POR
				Eligible - SHPO			
144	PP0851	56401	M Ranch Old Milking Barn	Determined	State	Fair	POR
				Eligible - SHPO			
145	PP0855	56402	M Ranch Gates, Corrals, Fences		State	Fair	POR:
				Eligible - SHPO			
146	PP0856	56403	M Ranch Road	Determined	State	Fair	POR
				Eligible - SHPO			
147	PP0940	56390	L Ranch House	Determined	State	Good	POR
				Eligible - SHPO			
148	PP0941	56391	L Ranch Dairy House	Determined	State	Fair	POR
1.40	DD00.42	5,6202	T.D. 1.11. D	Eligible - SHPO	G	г.	DOE:
149	PP0942	56392	L Ranch Horse Barn	Determined	State	Fair	POR
1.50	DD00.42	5,6202	T. D. J. C. IS D.	Eligible - SHPO	G	г.	DOE:
150	PP0943	56393	L Ranch Calf Barn	Determined	State	Fair	POR
151	DD00.4.4	5,000.4	I. D I. Müllis. D.	Eligible - SHPO	Cura	E.:	DOD
151	PP0944	56394	L Ranch Milking Barn	Determined	State	Fair	POR
	1	1	1	Eligible - SHPO	1	Ì	1

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
152	PP0945	56395	L Ranch Shed	Determined Eligible - SHPO	State	Poor	PORE
153	PP0946	56396	L Ranch Garage	Determined Eligible - SHPO	State	Fair	PORE
154	PP0947	56397	L Ranch East Barn	Undetermined	Not Evaluated	Fair	PORE
155	PP0955	56398	L Ranch Gates, Corrals, Fences	Determined Eligible - SHPO	State	Fair	PORE
156	PP0956	56399	L Ranch Road to Sacramento Landing	Determined Eligible - SHPO	State	Fair	PORE
157	PP1090	56389	Old Pierce Point Road	Determined Eligible - SHPO	State	Fair	PORE
158	PP1100	56387	Lairds Landing House	Determined Eligible - SHPO	State	Fair	PORE
159	PP1101	56388	Lairds Landing Shed	Determined Eligible - SHPO	State	Fair	PORE
160	PP1102	56386	Lairds Landing Road	Undetermined	Not Evaluated	Fair	PORE
161	PP1120	56379	I Ranch Old Milking Barn	Determined Eligible - SHPO	State	Good	PORE
162	PP1121	56380	I Ranch Creamery	Determined Eligible - SHPO	State	Good	PORE
163	PP1122	56381	I Ranch Main Residence	Determined Eligible - SHPO	State	Good	PORE
164	PP1123	56382	I Ranch Feed Shed	Determined Eligible - SHPO	State	Good	PORE
165	PP1134	56383	, ,	Determined Eligible - SHPO	State	Fair	PORE
166	PP1135	56384	I Ranch Road	Determined Eligible - SHPO	State	Fair	PORE
167	PP1220	9241	Pierce Ranch Main House	Documented	State	Good	PORE
168	PP1221	9242	Pierce Ranch Tank House	Documented	-State	Good	PORE
169	PP1222	9243	Pierce Ranch Wash House	Entered - Documented	-State	Good	PORE
170	PP1223	9244	Pierce Ranch School House	Documented	-State	Good	PORE
171	PP1224	20000		Documented	-State	Good	PORE
172	PP1225	9245	Pierce Ranch Carriage Shed	Documented	-State	Good	PORE
173	PP1226	9246	Pierce Ranch Carpenter Shop	Entered - Documented	State	Good	PORE
174	PP1227	9247	Pierce Ranch Blacksmith Shop	Entered - Documented	State	Good	PORE
175	PP1228	9248	Pierce Ranch McClure Calf Shed	Entered - Documented	State	Good	PORE
176	PP1229	9249	Pierce Ranch Hay Barn	Entered - Documented	State	Good	PORE
177	PP1230	9250	Pierce Ranch New Dairy House	Entered - Documented	State	Good	PORE
178	PP1231	9251	Pierce Ranch Horse Barn	Entered - Documented	-State	Good	PORE

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
179	PP1232	9252	Pierce Ranch Old Garage	Entered Documented	-State	Good	PORE
180	PP1233	9253	Pierce Ranch Old Wagon Shed		-State	Good	PORE
181	PP1234	9254	Pierce Ranch Chicken House		-State	Good	PORE
182	PP1235	9255	Pierce Ranch Chicken House "B"		-State	Good	PORE
183	PP1236	9256	Pierce Ranch Old Dairy House		-State	Fair	PORE
184	PP1238	9257	Pierce Ranch Corrals and Fences	Entered Documented	-State	Fair	PORE
185	PP1239	9258	Pierce Ranch Cistern	Entered - Documented	-State	Good	PORE
186	PP1240	56320	Pierce Ranch Lath House		-State	Good	PORE
187	PP1241	56321	Pierce Ranch Road to White Gulch Landing	Entered Documented	-State	Fair	PORE
188	PP1242	56322	Pierce Ranch Road to Lower Pierce Ranch	Entered Documented	-State	Fair	PORE
189	PP1243	56323	Pierce Ranch Entrance Road		-State	Good	PORE
190	PP1244	56324	Pierce Ranch Cattle Guard		-State	Fair	PORE
191	PP1245	56325	Pierce Ranch Ruins of Schooner Landing	Determined Eligible - SHPO	State	Poor	PORE
192	PP1246	56326	Pierce Ranch Ruins of Quail Clubhouse	Determined Eligible - SHPO	State	Fair	PORE
193	PP1247	56327		Determined Eligible - SHPO	State	Fair	PORE
194	PP1248	56328	Pierce Ranch Feed Storage House		-State	Fair	PORE
195	PP1249	56319			-State	Fair	PORE
196	PP1250	56318	Pierce Ranch National Register Plaque		Not Significant	Good	PORE
197	OV0101	10160	Wilkins Ranch Main House	Determined Eligible - SHPO	Local	Good	GOGA
198	OV0102	22277	Wilkins Ranch Granary	Determined Eligible - SHPO	Local	Fair	GOG
199	OV0104	10163	Wilkins Ranch Creamery	Determined Eligible - SHPO	Local	Fair	GOG
200	OV0105	10164	Wilkins Ranch Main Barn	Determined Eligible - SHPO	Local	Fair	GOG
201	OV0106	10162	Wilkins Ranch Shed/Garage	Determined Eligible - SHPO	Local	Fair	GOG
202	OV0107	10161	Wilkins Ranch Horse Barn	Determined Eligible - SHPO	Local	Fair	GOG
203		22278	Wilkins Ranch Bull House	Undetermined		Fair	GOG
204	OV0111	22279	Wilkins Ranch Well House	Undetermined	Not Evaluated	Fair	GOG

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
205	OV0112	56444	Wilkins Ranch Fences, Gates, Corrals	Determined Eligible - SHPO	Local	Fair	GOGA
206	OV0113	56445	Wilkins Ranch Roads	Determined Eligible - SHPO	Local	Fair	GOGA
207	OV0501	10165	Randall Ranch Sarah Seaver Randall House		Local	Fair	GOGA
208	OV0601	10167	Giacomini Ranch House	Determined Eligible - SHPO	Local	Good	GOGA
209	OV0602	22271	Giacomini Ranch Carriage House	Determined Eligible - SHPO	Local	Fair	GOGA
210	OV0603	22272	Dairy	Determined Eligible - SHPO	Local	Fair	GOGA
211	OV0606		Giacomini Ranch Horse Barn	Determined Eligible - SHPO	Local	Poor	GOGA
212	OV0607		Giacomini Ranch Barn	Determined Eligible - SHPO	Local	Fair	GOGA
213		10171	Giacomini Ranch Creamery	Determined Eligible - SHPO	Local	Fair	GOGA
214		10172		Determined Eligible - SHPO	Local	Fair	GOGA
215	OV0612	56469	Giacomini Ranch Water Tank	Undetermined	Not Evaluated	Fair	GOGA
216	OV0613	56470	Fences, Corrals	Determined Eligible - SHPO	Local	Fair	GOGA
217	OV0907	56468	Parsons Ranch Gates, Corrals, Fences	Determined Eligible - SHPO	Local	Fair	GOGA
218	OV0908	56446	Parsons Ranch Roads	Determined Eligible - SHPO	Local	Good	GOGA
219	OV1001	10177	Five Brooks Pinkerton Residence	Undetermined	Not Evaluated	Good	GOGA
220	OV1002	56461	Five Brooks Pinkerton Large Shed	Undetermined	Not Evaluated	Fair	GOGA
221	OV1003		Five Brooks Pinkerton Tractor Shed		Not Evaluated	Fair	GOGA
222	OV1004	56463	Five Brooks Pinkerton Outhouse	Undetermined	Not Evaluated	Fair	GOGA
223	OV1005	56464	Five Brooks Pinkerton Pumphouse	Undetermined	Not Evaluated	Fair	GOGA
224	OV1201	10178	Stewart Ranch Main House	Determined Eligible - SHPO	Local	Good	GOGA
225	OV1202	22712	Stewart Ranch Shed Storage	Determined Eligible - SHPO	Local	Fair	GOGA
226	OV1204	22714	Stewart Ranch Carriage House	Determined Eligible - SHPO	Local	Fair	GOGA
227	OV1205	22715	Stewart Ranch House No. 3 "Squatters House"	Determined Eligible - SHPO	Local	Fair	GOGA
228	OV1207	56465	Stewart Ranch Laundry	Determined Eligible - SHPO	Local	Fair	GOGA
229	OV1208	56466	Stewart Ranch Gates, Fences, Corrals	Determined Eligible - SHPO	Local	Fair	GOGA
230	OV1210	22716	Stewart Ranch House No. 1	Determined Eligible - SHPO	Local	Fair	GOGA

	Struct. #	LCS#	Structure Name	NR Status	Significance Level	Cond.	Park
231	OV1211	22717	Stewart Ranch Equipment Shed/Shop	Undetermined	Not Evaluated	Fair	GOGA
232	OV1212	10179	Stewart Ranch Old Barn	Determined Eligible - SHPO	Local	Good	GOGA
233	OV1213	22718	Stewart Ranch Silo	Undetermined	Not Evaluated	Fair	GOGA
234	OV1214	1	Stewart Ranch Barn/Stables	Determined Eligible - SHPO	Local	Good	GOGA
235	OV1217	22720	Stewart Ranch Grade A Barn	Determined Eligible - SHPO	Local	Fair	GOGA
236	OV1219	22721	Stewart Ranch Open Front Shed	Determined Eligible - SHPO	Local	Fair	GOGA
237	OV1220	22722	Stewart Ranch Water Storage Tank	Undetermined	Not Evaluated	Fair	GOGA
238	OV1505	10159	Truttman Ranch Grade A Dairy Barn	Determined Eligible - SHPO	Local	Fair	GOGA
239	OV1512	22284	Truttman Ranch Grain Shed	Undetermined	Not Evaluated		GOGA
240	OV1516	10152	Truttman Ranch Bunk House	Determined Eligible - SHPO	Local	Fair	GOGA
241	OV1520	10156	Truttman Ranch Hay Barn	Determined Eligible - SHPO	Local	Poor	GOGA
242	OV1530	56430	Truttman Ranch Fences, Gates, Corral	Determined Eligible - SHPO	Local	Good	GOGA
243	OV1531	56431	Truttman Ranch Roads	Determined Eligible - SHPO	Local	Good	GOGA
244	OV1600	10150	Olema Valley East Copper Mine		Not Evaluated	Fair	GOGA
245	OV1601	57571	Olema Valley Copper Mine Ruins	Undetermined	Not Evaluated	Fair	GOGA
246	OV1602	57572	Olema Valley Copper Mine Road	Undetermined	Not Evaluated	Fair	GOGA
247	OV1700	10151	Olema Valley West Copper Mine	Undetermined	Not Evaluated	Fair	GOGA
248	OV3001	56435	McIsaac Ranch Main House	Undetermined	Not Evaluated	Fair	GOGA
249	OV3002	56436	McIsaac Ranch Shafter House	Undetermined	Not Evaluated	Fair	GOGA
250	OV3003	56437	McIsaac Ranch Barn	Undetermined	Not Evaluated	Fair	GOGA
251	OV3004	56438	McIsaac Ranch Calf Barn	Undetermined	Not Evaluated	Poor	GOGA
252	OV3005	56439	McIsaac Ranch Shelter Shed	Undetermined	Not Evaluated	Fair	GOGA
253	OV3006		McIsaac Ranch Water Tank	Undetermined	Not Evaluated		GOGA
254	OV3007	56441	McIsaac Ranch Roads	Undetermined	Not Evaluated		GOGA
255	OV3008	56442	McIsaac Ranch Gates, Corrals, Fences	Undetermined	Not Evaluated	Fair	GOGA
256	OV3009	56443	McIsaac Ranch Tocaloma Bridge	Undetermined	Not Evaluated	Fair	GOGA
257	OV3101	56447	Zanardi Ranch Main House	Undetermined	Not Evaluated	Good	GOGA
258	OV3102	56448		Undetermined	Not Evaluated	Fair	GOGA
259	OV3103	56449	Creamery/Dwelling Zanardi Ranch Old Milking Barn	Undetermined	Not Evaluated	Fair	GOGA
260	OV3104	56450	Zanardi Ranch Horse Barn	Undetermined	Not Evaluated	Fair	GOGA
261	OV3105		Zanardi Ranch Shed Garage	Undetermined	Not Evaluated		GOGA
262		56452	Zanardi Ranch Cooler Shed	Undetermined		Good	GOGA

	Struct. #	LCS #	Structure Name	NR Status	Significance Level	Cond.	Park
263	OV3107	56453	Zanardi Ranch Shed next to Garage	Undetermined	Not Evaluated	Fair	GOGA
264	OV3108	56454	¥	Undetermined	Not Evaluated	Fair	GOGA
265		56455		Undetermined	Not Evaluated	Fair	GOGA
266	OV3110	56456	Zanardi Ranch Old Shed in Yard	Undetermined	Not Evaluated	Fair	GOGA
267	OV3111	56457	Zanardi Ranch Small House	Undetermined	Not Evaluated	Fair	GOGA
268	OV3112	56458	Zanardi Ranch 1923 Shed	Undetermined	Not Evaluated	Fair	GOGA
269	OV3113	56459	Zanardi Ranch Water Tank	Undetermined	Not Evaluated	Fair	GOGA
270	OV3114	56460	Zanardi Ranch Gates, Corrals, Fences	Undetermined	Not Evaluated	Fair	GOGA
271	OV3200	56472	Lagunitas Creek/Tomales Bay Railroad Grade	Undetermined	Not Evaluated	Fair	GOGA
272	OV3300	56473	Old Olema Trail	Undetermined	Not Evaluated	Fair	GOGA
273	OV8001	57587	Rogers Ranch Old Milking Barn	Undetermined	Not Evaluated	Fair	GOGA
274	OV8002	57588	Rogers Ranch Old Dairy House	Undetermined	Not Evaluated	Poor	GOGA
275	OV8003	57589	Rogers Ranch Wagon Shed	Undetermined	Not Evaluated	Fair	GOGA
276	OV8004	57590	Rogers Ranch Garage/Shed	Undetermined	Not Evaluated	Good	GOGA
277	OV8005	57591	Rogers Ranch Fire Truck Shed	Undetermined	Not Evaluated	Fair	GOGA
278	OV8006	57592	Rogers Ranch Gates, Corrals, Fences	Undetermined	Not Evaluated	Good	GOGA
279	OV9001	57593	McFadden Ranch Hay Barn	Undetermined	Not Evaluated	Good	GOGA
280	OV9002	57594	McFadden Ranch Grade A Barn	Undetermined	Not Evaluated	Good	GOGA
281	OV9003	57595	McFadden Ranch Old Dairy	Undetermined	Not Evaluated	Fair	GOGA
282	OV9004	57596	McFadden Ranch Garage	Undetermined	Not Evaluated	Good	GOGA
283	OV9005	57597	McFadden Ranch Shed	Undetermined	Not Evaluated	Fair	GOGA
284	OV9006	57598	McFadden Ranch Road	Undetermined	Not Evaluated	Good	GOGA
285	OV9007	57599	McFadden Ranch Gates, Fences, Corrals	Undetermined	Not Evaluated	Good	GOGA
286	TB3503	57574		Determined Eligible - SHPO	Local	Poor	GOGA
287	TB3504	57579		Determined Eligible - SHPO	Local	Poor	GOGA
288	TB3505	57575	Hamlet Bean Cabin	Determined Eligible - SHPO	Local	Poor	GOGA
289	TB3506	57576	Hamlet Boat Ways	Determined Eligible - SHPO	Local	Poor	GOGA
290	TB3507	57577	Hamlet Storage Shed	Determined Eligible - SHPO	Local	Poor	GOGA
291	TB3510	57578	Hamlet Jensen House	Determined Eligible - SHPO	Local	Poor	GOGA
292	TB3511	57580		Determined Eligible - SHPO	Local	Poor	GOGA
293	TB3513	57581	Hamlet Middle Fisherman's	Determined Eligible - SHPO	Local	Poor	GOGA
294	TB3515	57582	Hamlet North Fisherman's	Determined Eligible - SHPO	Local	Poor	GOGA
295	TB3521	57585	Hamlet Water Tank House	Determined Eligible - SHPO	Local	Fair	GOGA

	Struct. #	LCS#	Structure Name	NR Status	Significance	Cond.	Park
					Level		
296	TB3522	57586	Hamlet Old County Road	Determined	Local	Fair	GOGA
				Eligible - SHPO			
297	TB3523	57573	Hamlet Remains of Railroad	Determined	Local	Fair	GOGA
			Grade	Eligible - SHPO			

Appendix C: Other Projects Considered in Cumulative Impacts Analysis

Projects Included in the Cumulative Analysis of the FMP

- The proposed McClure dairy barn and resource enhancement project, located in the North District of Point Reyes NS, involves construction of an 81,000 square foot loafing barn and development of manure holding ponds to enhance water quality. The project would enhance the viability of the ranch and exclusionary fencing will increase natural resource protection in the project area. One housing unit will be added to the complex.
- The Pacific Coast Learning Center has been initiated in existing buildings in Olema Valley at the former Hagmaier Ranch. The site is used for office space, housing, and fire fighting and maintenance equipment. No new construction has occurred and park and visitor use has occurred on the site for over 20 years.
- Sewage systems upgrades have been conducted at one residential unit on NPS lands and three new systems in residential units are planned for this fiscal year. The three units are all located in upper Olema Valley. The NPS headquarters buildings are receiving a new sewage system.
- Riparian protection projects in Olema Valley for coho salmon and steelhead restoration.
 These projects include riparian exclusionary fencing on Blueline Creek, Giacomini Creek,
 Cheda Creek, and other tributaries. The park should receive funding in FY05 for additional
 creek restoration in the Limantour Beach area.
- The Giacomini Ranch Wetlands Restoration Project planning is underway. The project involves restoring to wetlands approximately 560 acres of grazed land. The property was purchase in 2000. The wetlands restoration will be completed in FY07 or FY08 after public review and the completion of an EIS.
- Cultural resource preservation projects have been conducted in the Olema Valley within the last five years. The historic bunkhouse at Truttman Ranch, northern Olema Valley, has been reroofed and rehabilitated. The Giacomini Ranch house, in southern Olema Valley, and main barn have received preservation treatments to ensure long-term preservation. In 1997, the main barn at the Wilkins Ranch was stabilized. The main barn at Truttman will be stabilized in FY2001.
- The MCI building in the North District of Point Reyes National Seashore is receiving rehabilitation and will provide office space for district rangers. Ranger staff will be moved from existing office. Fire staff will also use the office space. No additional construction will occur.
- The Point Reyes Hostel has developed a proposal for upgrading housing, a new sewage system, and for providing additional overnight lodging. The proposal will increase lodging capability from 44-52 persons. Housing for staff will increase from 2 to 4 units.
- The Red Barn at park headquarters has been rehabilitated for curatorial storage and classroom space. There will also be office space for existing Marine Sanctuary staff

- An average of 20 Wildland Urban Interface projects per year are being conducted in conjunction with FireSafe Marin, Marin County Fire Department, and other community organizations. These projects are primarily vegetation treatments along roadways for evacuation routes, creation of defensible space around homes, and fuel load reductions in strategic areas.
- The Point Reyes Lighthouse has been rehabilitated by repairing key structures such as the stairway and other site features. The Lighthouse is receiving a new water system and buildings are being repaired and painted.
- The Historic Lifeboat Station is scheduled in FY05 to receive approximately \$1.0 million to restore the boat launching facility. The project involves the rehabilitation of pilings and railway rescue boat launching structures.
- The Vision Fire, a large wildlife that occurred in October of 1995 was started by an illegal campfire, and burned approximately 12,500 acres and destroyed roughly 45 structures on Inverness Ridge.

Literature Cited

References

Anonymous

2000 The Riparian Bird Conservation Plan: California Partners in Flight and The Riparian Habitat Joint Venture.

Agee, James K.

1993 Fire Ecology of the Pacific Northwest Forests. Washington, D.C.: Island Press.

Agriculture, U.S. Department of

1978 Effects of Fire on Fauna: A State of Knowledge Review. Washington, D.C.: U.S. Department of Agriculture, National Forest Service.

2000 Wildland Fire in Ecosystems. *In* U.S. Department of Agriculture, Rocky Mountain Research Station, General Technical Report RMRS-GTR_42. J.K. Smith, ed, Vol. 1. Fort Collins, CO: U.S. Department of Agriculture.

Ahlgren, I.F., and Ahlgren, C.E.

1960 Ecological Effects of Forest Fires. Botanical Review 26:483-533.

Allen, S.

1994 The Distribution and Abundance of Marine Birds and Mammals in the Gulf of the Farallones and Adjacent Waters. Dissertation, University of California, Berkeley.

Anderson, Hal E.

1982 Aids to Determining Fuel Models for Estimating Fire Behavior. General Technical Report INT-122. U.S. Department of Agriculture.

Anderson, R. Scott

2001 Fire History and Vegetation Change at Point Reyes National Seashore and Vicinity, California. Flagstaff, AZ: Center for Environmental Sciences and Education and Quaternary Sciences Program, Northern Arizona University.

Arno, Stephen F., and Hammerly, Ramona P.

1977 Northwest Trees. Seattle, WA: The Mountaineers.

Arno, Stephen F.

2000 Fire in Western Forest Ecosystems. *In* Wildland Fire in Ecosystems: Effects of Fire on Flora. J.K. Brown and J.K. Smith, eds. Pp. 97-120. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.

BAAQMD

2003 Climate, Physiography, and Air Pollution Potential- Bay Area and its Subregions (Referenced by County), Bay Area Air Quality Management District, May 2000.

2003 Annual Bay Area Air Pollution Summaries (1999, 2000, and 2001), Bay Area Air

Quality Management District, May 2000.

Barbour, Michael G.

1987 Community Ecology and Distribution of California Hardwood Forests and Woodlands. Proceedings of the Symposium on Multiple-use Management of California's Hardwood Resources, November 12-14, 1986, San Luis Obispo, CA, 1987, pp. 18-25. U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

1988 Californian Upland Forests and Woodlands. *In* North American Terrestrial Vegetation. M.G. Barbour and W.D. Billings, eds. Pp. 131-164. Cambridge, MA: Cambridge University Press.

Barro, Susan C., and Conard, Susan G.

1987 Use of Ryegrass Seedings as an Emergency Revegetation Measure in Chaparral Ecosystems. Pp. 12. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Bartolome, James W.

1987 California Annual Grassland and Oak Savannah. Rangelands 9(3):122-125.

Bartolome, James W., Muick, Pamela C., and McClaran, Mitchel P.

1987 Natural Regeneration of Californian Hardwoods. Proceedings of the Symposium on Multiple-use Management of California's Hardwood Resources, November 12-14, 1986, San Luis Obispo, CA, 1987, pp. 26-31. U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Baer Team

1996. Mount Vision Fire Incident Burned Area Emergency Rehabilitation (BAER) Plan. Department of the Interior. BAER Team, North Zone. Revised March 1996.

Bay Area Air Quality Management District

2003a Climate, Physiography, and Air Pollution Potential – Bay Area and its Subregions

2003b. Annual Bay Area Air Pollution Summaries. (1999, 2000, & 2001) Bay Area Air Quality Management District, May 2000. http://www.baaqmd.gov/pie/apsums.htm

Bell, Gordon B.

1958 The Uses of Meteorological Data in Large-Scale Air Pollution Surveys. Menlo Park, CA: Stanford Research Institute.

Biswell, Harold H.

1956 Ecology of California Grasslands. Journal of Forestry 9:19-24.

1974 Effects of Fire on Chaparral. *In* Fire and Ecosystems. T. Kozlowski and C.E.

Ahlgren, eds. Pp. 321-364. New York, NY: Academic Press.

1989 Prescribed Burning in California Wildlands Vegetation Management. Berkeley, CA: University of California Press.

Bolsinger, Charles L.

1988 The Hardwoods of California's Timberlands, Woodlands, and Savannas. Pp. 148. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station.

Booker, F.A., Deitrich, W.E., and Collins, L.M.

1993 Runoff and Erosion after the Oakland Firestorm, Expectations and Observations. California Geology November/December.

Bowcutt, Frederica S.

1999 A Floristic Study of Sugarloaf Ridge State Park, Sonoma County, California. Aliso 18(1):19-34.

Brannon, E.L., Whitman, R.P. and Quinn, T.P.

1981. Report on the influence of suspended volcanic ash on the homing behavior of adult Chinook salmon. Final report to Washington State University. Washington Water Research Center. Pullman, WA.

Bratovich, P. M. and D. W. Kelley.

1988. Investigations of salmon and steelhead in Lagunitas Creek, Marin County, California, Volume 1; migration, spawning, embryo incubation and emergence, juvenile rearing, emigration. Report prepared for the Marin Municipal Water District, Corte Madera, CA. 187 p.

Brown, L. R., P. B. Moyle, and R. M. Yoshiyama.

1994. Historical decline and current status of coho salmon in California. N. Am. J. Fish. Manage. 14:237-261.

Brown, Ray W., Chambers, Jeanne C., and Wheeler, Ray M.

1988 Adaptations of Deschampsia cespitosa (tufted hairgrass) for Revegetation of High Elevation Disturbances: Some Selection Criteria. High Altitude Revegetation Workshop Number 8, Fort Collins, CO, 1988, pp. 147-172. Colorado Water Resources Research Institute.

Brown, P., Kaye, M.W., and Buckley, D.

1999 Fire History in Douglas-Fir and Coast Redwood Forests at Point Reyes National Seashore, California. Northwest Science 73(3):205-216.

Brown, James K.

2000 Introduction and Fire Regimes. *In* Wildland Fire in Ecosystems: Effects of Fire on Flora. J.K. Brown and J.K. Smith, eds. General Technical Report RMRS-GTR-42, Vol. 2. Ogden, UT: Department of Agriculture, Forest Service, Rocky Mountain Research Station.

Burns, Russell M., and Honkala, Barbara H.

1990 Silvics of North America, Volume 2: Hardwoods. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Brown, T. K., and L. Bright.

1997 Wildlife habitat preservation and enrichment during and after fires. In Proceedings, 1st conference on fire effects on rare and endangered species and habitats; 1995 Nov. 13-16; Coeur d'Alene, ID. Greenlee, J. M. ed. Fairfield, WA: International Association of Wildland Fire: 65-68.

California Air Resources Board

2003 California Air Resources Board, Fact Sheet, Smoke Management and Public Health. Sacramento, CA: California Air Resources Board.

California Department of Fish and Game (CDFG)

1968 Field notes from Bruce Thompson and Jim Michaels – July 1968.

2002 Culvert Criteria for Fish Passage. CDFG white Paper. Revised May 2002.

California Department of Forestry

1996 California Fire Plan: A Framework for Minimizing Costs and Losses from Wildland Fires

Callaway, Ragan M., and D'Antonio, Carla M.

1991 Shrub Facilitation of Coast Live Oak Establishment in Central California. Madrono 38(3):158-169.

Callaway, Ragan M., and Davis, Frank W.

1993 Vegetation Dynamics, Fire, and the Physical Environment in Coastal Central California. Ecology 74(5):1567-1578.

Carmen, William J., Koenig, Walter D., and Mumme, Ronald L.

1987 Acorn Production by Five Species of Oaks Over a Seven Year Period at the Hastings Reservation, Carmel Valley, California. Proceedings of the Symposium on Multiple-use Management of California's Hardwood Resources, November 12-14, 1986, San Luis Obispo, CA, 1987, pp. 429-434. U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Chow, N., and Allen, S.

1996 The Northern Spotted Owls at Point Reyes National Seashore, 1995-1996: National Park Service.

1998 Spotted Owl Diet and Habitat Analysis Project: Point Reyes National Seashore, National Park Service.

Christensen, N.L.

1994 Fire and Soil in Mediterranean Shrublands. *In* The Role of Fire in Mediterranean-Type Ecosystems. J.M. Moreno and W.C. Ocechel, eds. New York, NY: Springer-Verlag.

Clark, J.C., Brabb, E.E., Greene, H.G., and Ross, D.C.

1984 Geology of Point Reyes Peninsula and implications for San Gregorio fault history, in Crouch, J.K., and Bachman, S.B., eds., Tectonics and sedimentation along the California margin: Society of Economic Paleontologists and Mineralogists, Pacific Section, Los Angeles, Calif., p. 67-86.

Clark, J.C., and Brabb, E.E.

1997 Geology of the Point Reyes National Seashore and Vicinity, CA: A digital database. USGS Open File Report 97-456 includes map, metadata and descriptive document. http://geopubs.wr.usgs.gov/open-file/of97-456.

Clark, Robert G.

2001 Soils, Water and Watersheds. *In* Fire Effects Guide (NFES 2394). M. Miller, ed. Boise, ID: National Wildlife Coordinating Group, National Interagency Fire Center.

Collins, Laurel M., et al.

1996 After the Vision Fire, Restoration, Safety and Stewardship for the Inverness Ridge Communities: Environmental Action Committee of West Marin.

Collins, Laurel M., and Brannon, Ketcham

2001 Fluvial Geomorphic Response of a Northern California Coastal Stream to Wildfire.

Commission, Marin Economic

2002 Marin Profile 2001. San Rafael, CA: Marin County Community Development Agency.

Cook, S.F.

1943 The conflict between the California Indians and White civilization, I: The Indian versus the Spanish mission. Ibero-americana 21. Berkeley.

Covington, W.W., et al.

1994 Historical and Anticipated Changes in Forest Ecosystems in the Inland West of the United States. Journal of Sustainable Forestry 2:13-63.

Critchfield, William B., and Little, Elbert L., Jr.

1966 Geographic Distribution of the Pines of the World. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Cronquist, Arthur, Holmgren, Arthur H., and Holmgren, Noel H.

1977 Intermountain Flora: Vascular Plants of the Intermountain West, USA. Volume 6:

The Monocotyledons. New York, NY: Columbia University Press.

Dale, Nancy

1986 Flowering Plants: The Santa Monica Mountains, Coastal and Chaparral Regions of Southern California. Santa Barbara, CA: Capra Press.

DaSilva, Paul G., and Bartolome, James W.

1984 Interaction Between a Shrub, Baccharis pilularis subsp. consanguinea (Asteraceae), and an Annual Grass, Bromus mollis (Poaceae), in Coastal California. Madrono 31(2):93-101.

Daubenmire, R.

1970 Steppe Vegetation of Washington. Pullman, WA: Washington State University, College of Agriculture, Washington Agriculture Experiment Station.

Davis, Frank W., et al.

1989 Recovery of the Chaparral Riparian Zone after Wildfire. Protection, Management, and Restoration for the 1990s: Proceedings of the California Riparian Systems Conference, September 22-24, 1988, Davis, CA, 1989. U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Davis, L.H.

1992 The Ecology of Chorizanthe valida Wats. (Polygonaceae): The Rare Sonoma Spineflower at Point Reyes National Seashore, Marin County, California. Thesis, Sonoma State University.

DeBano, Leonard, Neary, Daniel G., and Ffolliott, Peter F.

1998 Fire's Effects on Ecosystems. New York, NY: John Wiley & Sons, Inc.

DeBell, Dean S., and Turpin, Thomas C.

1983 Red Alder. *In* Silvicultural Systems for the Major Forest Types of the United States. R.M. Burns, ed. Washington, D.C.: U.S. Department of Agriculture.

DeBenedetti, Steven H., and Parsons, David J.

1979 Natural Fire in Subalpine Meadows: A Case Description from the Sierra Nevada. Journal of Forestry 77(8):477-479.

1984 Postfire Succession in a Sierran Subalpine Meadow. American Midland Naturalist 111(1):118-125.

DeRonde, C.

1982 The Resistance of Pinus Species to Fire Damage. South African Forestry Journal 122:22-27.

DeRonde, Neels

1990 How to Minimize Losses after Wildfire by the Application of Damage Evaluation Techniques in Pine Stands. International Conference of Forest Fire Research, November 19-22, 1990, Coimbra, Portugal, 1990.

Duncan, F.L.

1992 Botanical Reflections of the Encuentro and the Contact Period in Southern Marin County, California. Dissertation, University of Arizona.

Environmental Action Committee Phoenix Team

1996 After the Vision Fire, Restoration, Safety and Stewardship for the Inverness Ridge Communities. Prepared for the Environmental Action Committee of West Marin.

Environmental Protection Agency

1996 Wildfires and Prescribed Burning. Chapter 13.1, Supplement B. Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition. October 1996.

Evens, Jules G.

1993 The Natural History of the Point Reyes Peninsula. Point Reyes, CA: Point Reyes National Seashore Association.

Evans, William G.

1971. The attraction of insects to forest fires. In Proceedings, Tall Timbers Conference on ecological animal control by habitat management.

Fehring, K., and Adams, D.

2001 Northern Spotted Owl Surveys in Marin County, California. Stinson Beach, CA: Point Reyes Bird Observatory.

Fellers, Gary, U.S. Geological Survey scientist; personal communication, 2003.

Fellers, G.M., and Freel, K.L.

1995 A Standardized Protocol for Surveying Aquatic Amphibians. Pp. 123: National Park Service.

Fellers, G.M., Pratt, David, and Griffin, Jennifer L.

2003 Fire Effects on the Point Reyes Mountain Beaver (Aplodontia rufa phaea) at Point Reyes National Seashore. Point Reyes, CA: Western Ecological Research Center, USGS.

Finney, M.A., and Martin, R.E.

1989 Fire History in a Sequoia Sempervirens Forest at Salt Point State Park, California. Canadian Journal of Forestry 19:1451-1457.

Finney, M.A.

1990 Fire History from the Redwood Forest of Bolinas Ridge and Kent Lake Basin in the Marin Municipal Water District. *In* Vegetation and Fire Management Baseline

Studies: The Marin Municipal Water District and the Marin County Open Space District (Northridge Lands), Marin County, California: Leonard Charles and Associates and Wildland Resource Management.

Fisher, D.T.; Smith, S.V.; Churchill, R.R.

1996 Simulation of a century of runoff across the Tomales Watershed, Marin County, California. Journal of Hydrology. 186:253-73.

Fleischner, Thomas L.

1994 Ecological Costs of Livestock Grazing in Western North America. Conservation Biology 8(3):629-644.

Fong, D.

1999 1997 California Freshwater Shrimp (Syncaris pacifica) Surveys within Point Reyes National Seashore and Golden Gate National Recreation Area.

Fowells, H.A.

1965 Silvics of Forest Trees of the United States. Volume 271. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Frakes, Rob V.

1973 The Ryegrasses. *In* Forages, the Science of Grassland Management. M.E. Heath, D.S. Metcalfe, and R.F. Barnes, eds. Pp. 307-313. Ames, IA: Iowa State University Press.

Franklin, J.F. and C.T. Dyrness

1973 Natural Vegetation of Oregon and Washington. USDA Forest Service General Technical Report PNW-8. Pacific Northwest Forest and Range Experiment Station, Portland, Oregon.

Frankline, Jerry F., and Dyrness, C.T.

1973 Natural Vegetation of Oregon and Washington. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station.

Frankline, Jerry F.

1979 Vegetation of the Douglas-fir Region. *In* Forest Soils of the Douglas-fir Region. P.E. Heilman, H.W. Anderson, and D.M. Baumgartner, eds. Pp. 93-112. Pullman, WA: Washington State University, Cooperative Extension Service.

Frankline, Jerry F., Cormack, Kermit, Jr., and Denison, William

1981 Ecological Characteristics of Old-growth Douglas-fir Forests. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station.

Freed. Daniel

2001 Lightning storms blasts fire lookout. Point Reyes Light, September 27, 2001.

Fritz, E.

1932 The Role of Fire in the Redwood Region. Journal of Forestry 29(6):939-950.

Galloway, A.J.,

1977 Geology of the Point Reyes Peninsula, Marin County, California: California Division of Mines and Geology Bulletin 202, 72 p.

Garcia, Sergio L., et al.

1991 Acorn Yield During 1988 and 1989 on California's Central Coast. Proceedings of the Symposium on Oak Woodlands and Hardwood Rangeland Management, October 31-November 2, 1990, Davis, CA, 1991, pp. 161-163. U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station.

Garza, C.

2003. Personal communication. Director of the NOAA-Fisheries Genetics Lab, Santa Cruz, CA.

Gautier, Clayton R.

1983 Sedimentation in Burned Chaparral Watersheds: Is Emergency Revegetation Justified? Water Resources Bulletin 19(5):793-802.

Gehring, Janet L., and Linhart, Yan B.

1992 Population Structure & Genetic Differentiation in Native & Introduced Populations of Deschampsia caespitosa (Poaceae) in the Colorado Alpine. American Journal of Botany 79(2):1337-1343.

Gerstung, Eric. 1997

Associate Fishery Biologist, California Department of Fish and Game, Region 3, memorandum October 14, 1997.

Giddings, Al. Lt. Game Warden,

1992 California Department of Fish and Game (retired), Region 3, memorandum, 1992.

Gilbert, G.K. 1908. Characteristics of the rift and earth movement on the fault, Tomales Bay to Bolinas Lagoon. In Lawson et.al. - Report of the State Earthquake Investigation Commission: Carnegie Institution of Washington Publication 87. v.1. p. 30-35, 66-87.

Green, Lisle R.

1981 Burning by Prescription in Chaparral. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Greenlee, J. 1983. Vegetation, Fire History and Fire Potential of Big Basin Redwoods State Park, California. California Department of Parks and Recreation.

Greenlee, Jason M., and Langenheim, Jean H.

1990 Historic Fire Regimes and Their Relation to Vegetation Patterns in the Monterey

Bay Area of California. The American Midland Naturalist 124(2):239-253.

Griffin, James R., and Critchfield, William B.

1972 The Distribution of Forest Trees in California. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Griffin, James R.

1977 Oak Woodland. *In* Terrestrial Vegetation of California. M.G. Barbour and J. Malor, eds. Pp. 383-415. New York, NY: John Wiley and Sons.

1982 Pine Seedlings, Native Ground Cover, and Lolium multiflorum on the Marble-Cone Burn, Santa Lucia Range, California. Madrono 29(3):177-188.

Grime, J.P.

1979 Plant Strategies & Vegetation Processes. Chichester, UK: John Wiley & Sons.

Group, National Wildfire Coordinating

2001 Fire Effects Guide. Boise, ID: National Interagency Fire Center, Great Basin Area Cache.

Gulmon, S.L.

1979 Competition and Coexistence: Three Annual Grass Species. American Midland Naturalist 101(2):403-416.

Haeussler, S., and Coates, D.

1985 Autecological Characteristics of Selected Species that Compete with Conifers in British Columbia: A Literature Review. Victoria, BC: Ministry of Forests, Information Services Branch.

Halligan, J.P.

1974 Relationship Between Animal Activity and Bare Areas Associated with California Sagebrush in Annual Grassland. Journal of Range Management 27(5):358-362.

Hamilton, S.J., S.F. McDonald, M.P. Gaikowski, and K.J. Buhl.

1996 Toxicity of fire retardant chemicals to aquatic organisms: Progress report. Pages 132-144 In Proceedings International Wildland Fire Foam Symposium and Workshop (compiled by G.S. Ramsey), Thunder Bay, Ontario, Canada, May 3-5, 1994. Published by Natural Resources Canada, Petawawa National Forestry Institute, Information Report PI-X- 123.

Harrington, Constance A.

1984 Factors Influencing Initial Sprouting of Red Alder. Canadian Journal of Forest Research 14:357-361.

Heady, Harold F., Foin, Theodore C., and Hektner, Mary M.

1977 Coastal Prairie and Northern Coastal Scrub. In Terrestrial Vegetation of

California. M.G. Barbour and J. Major, eds. Pp. 733-760. New York, NY: John Wiley and Sons.

Herbert, D.M.W., and Merkens, J.C.

1961. The effect of suspended mineral solids on the survival of trout. International Journal of Air and Water Pollution. 5:46-55.

Hermann, Richard K., and Lavender, Denis P.

1990 Pseudotsuga menziesii (Mirb.) Franco Douglas-fir. *In* Silvics of North America. R.M. Burns and B.H. Honkala, eds. Pp. 527-540. Agricultural Handbook 654, Vol. 1: Conifers. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Hickman, J.C., ed.

1993 The Jepson Manual Higher Plants of California. Berkeley, CA: University of California Press.

Hironaka, M., Fosberg, M.A., and Winward, A.H.

1983 Sagebrush-grass Habitat Types of Southern Idaho. Moscow, ID: University of Idaho, Forest, Wildlife, and Range Experiment Station.

Hitchcock, A.S.

1951 Manual of the Grasses of the United States. Washington, D.C.: U.S. Department of Agriculture, Agricultural Research Administration.

Hobbs, R.J., and Mooney, H.A.

1987 Leaf and Shoot Demography in Baccharis shrubs of Different Ages. American Journal of Botany 74(7):1111-1115.

Holland, Robert F.

1986 Preliminary Descriptions of the Terrestrial Natural Communities of California. Pp. 156. Sacramento, CA: California Department of Fish and Game.

Holstein, Glen

1984 California Riparian Forests: Deciduous Islands in an Evergreen Sea. California Riparian Systems: Ecology, Conservation, and Productive Management, Davis, CA, 1984, pp. 2-22. University of California Press.

Howell, J.T.

1970 Marin Flora. Berkeley, CA: University of California Press.

Interagency Federal Wildland Fire Policy Review Working Group

2001 Review and Update of the 1995 Federal Wildland Fire Management Policy.

Jacobs, D.F., Cole, D.W., and McBride, J.R.

1985 Fire History and Perpetuation of Natural Coast Redwood Ecosystems. Journal of Forestry 83(8):494-497.

Jensen, Debra B., et. al.

1993 In Our Own Hands, A strategy for Conserving California's Biological Diversity. University of California Press.

Kartesz, John T., and Meacham, Christopher A.

1999 Synthesis of the North American Flora. Washington, D.C.: U.S. Fish and Wildlife Service.

Kaufman, G.A., Kaufman, D.W., and Finck, E.J.

1988 Influence of Fire and Topography on Habitat Selection by *Peromyscus maniculatus* and *Reithrodontomys magalotis* in Augrazed Tall Grass Prairie. Journal of Mammology 69(2):342-352.

Keeley, Jon E., and Keeley, Sterling C.

1984 Postfire Recovery of California Coastal Sage Scrub. The American Midland Naturalist 111(1):105-117.

Keeley, Jon E.

2002 Native American Impacts on Fire Regimes of the California Coastal Ranges. Journal of Biogeography 29(3):303-320.

Kelly, Roger.

2003 Personal Communication with Gordon White. April.

Kenady, Reid M.

1978 Regeneration of Red Alder. Utilization and Management of Alder: Proceedings of a Symposium, April 25-27, 1977, Ocean Shores, WA, 1978, pp. 183-191. U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station.

Ketcham, Brannon.

2000 Water Quality Monitoring Report: Point Reyes National Seashore, National Park Service.

2003. PRNS hydrologist; personal communication July 2003

Ketcham. B.J. and Brown, G.G.

2003. Coho Salmon (*Oncorhynchus kisutch*) in Pine Gulch Creek, Marin County, CA. 2002 Monitoring Report. Coho Salmon and Steelhead Trout Restoration Program. PORE-NR-WR-03/01. 18pp. Plus appendices.

Kirby, R.E., Lewis, S.J., and Sexson T.N.

1988 Fire in North America Wetland Ecosystems and Fire-Wildlife Relations: An Annotated Bibliography. US Fish and Wildlife Service. Biological Report 88(1), 149 pages.

Kirkpatrick, J.B., and Hutchinson, C.F.

1980 The Environmental Relationships of Californian Coastal Sage Scrub and Some of its Component Communities and Species. Journal of Biogeography 7:23-38.

Klinger, Rob, and Messer, Ishmael

2001 The Interaction of Prescribed Burning and Site Characteristics on the Diversity and Composition of a Grassland Community on Santa Cruz Island, California. Proceedings of the Invasive Species Workshop: The Role of Fire in the Control and Spread of Invasive Species; Fire Conference 2000: The First National Congress on Fire Ecology, Prevention, and Management, November 27-December 1, 2000, San Diego, CA, 2001. Vol. Misc. Publ. No. 11, pp. 66-80. Tall Timbers Research Station.

Konigsmark, Ted

1998 Geologic Trips, San Francisco and the Bay Area. Gualala, CA: GeoPress.

Langstroth, Robert Peter

1991 Fire and Grazing Ecology of Stipa pulchra Grassland: A Field Study at Jepson Prairie, California. Thesis, University of California, Davis.

Launer, A.E., et al.

1992 The Endangered Myrtle's Silverspot Butterfly: Present Status and Initial Conservation Planning. Journal of Research on the Lepidoptera 31(1-2):132-146.

Launer, A.E., and Murphy, D.D.

1992 Field Studies and Management Recommendations for Myrtle's Silverspot Butterfly at Point Reyes National Seashore. Palo Alto, CA: Center for Conservation Biology, Stanford University.

Launer, A.E., Fox, et al.

1998 Recent Studies on Myrtle's Silverpot Butterfly at the Tule Elk Range and Vicinity (Point Reyes National Seashore). Stanford, California. Stanford University: 21pp.

Lawrence, G.E.

1966 Ecology of Vertebrate Animals in Relation to Chaparral Fire in the Sierra Nevada Foothills. Ecology 47(2):278-290.

Lawson, Dawn M., Zedler, Paul H., and Seiger, Leslie A.

1997 Mortality and Growth Rates of Seedlings and Saplings of Quercus agrifolia and Quercus engelmannii: 1990-1995. Proceedings of a Symposium on Oak Woodlands: Ecology, Management, and Urban Interface Issues, March 19-22, 1996, San Luis Obispo, CA, 1997, pp. 642-645. U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station.

Lewis, H.

1973 Patterns of Indian Burning in California: Ecology and Ethnohistory. Ramona, CA:

Ballena Press.

Linhart, Yan B.

1978 Maintenance of Variation in Cone Morphology in California Closed-cone Pines: The Roles of Fire, Squirrels, and Seed Output. Southwestern Naturalist 23(1):29-40.

Little, Elbert L., Jr.

1979 Checklist of United States Tress (Native and Naturalized). Volume 541. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Livingston, D.S.

1995 A Good Life: Dairy Farming in the Olema Valley: National Park Service.

Lotan, J.E., Alexander, Martin E., and Arno, Stephen F.

1981 Effects of Fire on Flora: A State-of-knowledge Review. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Lyon, L.J., and Marzluff, J.M.

1985 Fire Effects on a Small Bird Population. *In* Fire's Effect on Wildlife Habitat. J.E. Lotan and J.K. Brown, eds. Pp. 16-22. Missoula, MT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station.

Malm, W.C.

2000 Introduction to visibility. #CA-2350-97. Ft. Collins, CO: Colorado State University, Cooperative Institute for Researchin the Atmosphere: T097-04, T098-06.

Maranon, T., and Bartolome, James W.

1993 Reciprocal Transplants of Herbaceous Communities between Quercus agrifolia Woodland and Adjacent Grassland. Journal of Ecology 81(4):673-682.

Marin County Community Development Agency

1980 Marin County Local Coastal Program, Unit 1: Marin County Comprehensive Planning Development.

1994 Marin Countywide Plan: Marin County Comprehensive Planning Development.

1995 1975/1983/1997 Bolinas Community Plan. Bolinas, CA

2003 Key Trends, Issues and Strategies Report

Marin County Economic Commission

2001 Marin Profile 2001: A Survey of Economic, Social and Environmental Factors

Marin County Fire Department

1996 Press Release, October 7

2000 Marin County's Fire Plan: A Wildland Fire Risk Assessment Model

Marin Municipal Water District.

2003. Lagunitas Creek salmon spawner survey report -2002-2003. prepared by E. Ettlinger, Reily, J. and Andrew, G.M.. 14 pp + figures.

Martin, R.E., and Sugnet, P.W.

1984 Fire History and Post-Fire Stand Dynamics of the Inverness Bishop Pine at Point Reyes National Seashore. Berkeley, CA: Department of Forestry and Resource Management, University of California.

McBride, J.R., and Heady, Harold F.

1968 Invasion of Grassland by Baccharis pilularis DC. Journal of Range Management 21:106-108.

McBride, J.R.

1974 Plant Succession in the Berkeley Hills, California. Madrono 22(7):317-380.

McBride, J.R., and Strahan, Jan

1984 Fluvial Processes and Woodland Succession Along Dry Creek, Sonoma County, California. California Riparian Systems: Ecology, Conservation, and Productive Management: Proceedings of a Conference, September 17-19, 1981, Davis, CA, 1984, pp. 110-119. University of California Press.

McBride, J.R., et al.

1991 Seedling Establishment of Coast Live Oak in Relation to Seed Caching by Jays. Proceedings of the Symposium on Oak Woodlands and Hardwood Rangeland Management, October 31-November 2, 1990, Davis, CA, 1991, pp. 143-148. U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station.

McDonald, Philip M.

1981 Adaptations of Woody Shrubs. Reforestation of Skeletal Soils: Proceedings of a Workshop, November 17-19, 1981, Medford, OR, 1981, pp. 21-29. Oregon State University, Forest Research Laboratory.

McDonald, Philip M., and Laacke, Robert J.

1990 Pinus radiata D. Don Monterey pine. *In* Silvics of North America. R.M. Burns and B.H. Honkala, eds. Pp. 433-441. Conifers Agricultural Handbook, Vol. 1. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

McDonald, Philip M.

1999 Diversity, Density, and Development of Early Vegetation in a Small Clear-cut Environment. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station.

McGraw, J.M., and Levin, A.L.

1997 The Roles of Soil Type and Shade Intolerance in Limiting the Distribution of the

Edaphic Endemic *Chorizanthe pungens var. hartwegiana* (Polygonaceae). Madrono 45:119-127.

McLeay, D.J. and five coauthors.

1982 Effects on arctic grayling of short-term exposure to Yukon placer mining sediments: laboratory and field studies. Canadian Technical Report of Fisheries and Aquatic Sciences. 1171.

McMahon, T.E., and D.S. deCalesta.

1989 Effects of fire on fish and wildlife. Pages 223-250 in J.D. Walstad, S.R. Radosevich, and D.V. Sandberg (eds.) Natural and prescribed fire in Pacific Northwest Forests. Oregon State University Press. Corvallis.

McNabb, D.H. and Swanson, F.J.

1990 Effects of fire on soil erosion *in* Natural and Prescribed fire in Pacific Northwest Forests, Oregon State University, Corvallis, OR.

Mensing, Scott A.

1998 560 Years of Vegetation Change in the Region of Santa Barbara, California. Madrono 45(1):1-11.

Michigan State University

2001 Money Generation Model Analysis for Point Reyes National Seashore. Department of Park, Recreation & Tourism Resources.

Millar, Constance I.

1986 The Californian Closed Cone Pines (Subsection Oocarpae Little and Critchfield): A Taxonomic History and Review. Taxon 35(4):657-670.

Millar, Constance I., and Libby, William J.

1989 Disneyland or Native Ecosystem: Genetics and the Restorationist. Restoration and Management Notes 7(1):18-24.

Miller, Richard E., Williamson, Richard L., and Silen, Roy R.

1974 Regeneration and Growth of Coastal Douglas-fir. *In* Environmental Effects of Forest Residues Management in the Pacific Northwest: A State-of-Knowledge Compendium. O.P. Cramer, ed. Pp. J1-J41. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station.

Miller, Margaret M., and Miller, Joseph W.

1976 Succession After Wildfire in the North Cascades National Park Complex. Proceedings of the Annual Tall Timbers Fire Ecology Conference: Pacific Northwest, October 16-17, 1974, Portland, OR, 1976, pp. 71-83. Tall Timbers Research Station.

Miller, William B., and Weis, Arthur E.

1999 Adaptation of Coyote Brush to the Abiotic Environment and its Effects on

Susceptibility to a Gall-Making Midge. Oikos 84(2):199-208.

Miller, M.

2000 Fire Autecology. *In* Wildland Fire in Ecosystems: Effects of Fire on Flora. J.K. Brown and J.K. Smith, eds. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.

Morrison, Peter H., and Swanson, Frederick J.

1990 Fire History and Pattern in a Cascade Range Landscape. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station.

Muick, Pamela C., and Bartolome, James W.

1987 Factors Associated with Oak Regeneration in California. Proceedings of the Symposium on Multiple-use Management of California's Hardwood Resources, November 12-14, 1986, San Luis Obispo, CA, 1987, pp. 86-91. U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Munz, Philip A.

1973 A California Flora and Supplement. Berkeley, CA: University of California Press.

Nadkarni, Nalini M., and Odion, Dennis C.

1986 Effects of Seeding an Exotic Grass Lolium multiflorum on Native Seedling Regeneration Following Fire in a Chaparral Community. Proceedings of the Chaparral Ecosystems Research Conference, May 16-17, 1985, Santa Barbara, CA, 1986, pp. 115-121. University of California Water Resources Center.

National Marine Fisheries Service (NOAA-Fisheries).

1996. Threatened status for central California coast Evolutionarily Significant Unit – Final Rule. 31 October 1996. Federal Register 61(212):56138-56149.

1999. Designated critical habitat: central California Coast and Southern Oregon/northern California coasts Coho salmon. Federal Register 64(86): 24049-24062.

2001. Guidelines for Salmonid Passage at Stream Crossings. National Marine Fisheries Service – Southwest Region 14pp.

National Park Service (NPS)

1980 General Management Plan, Environmental Analysis, Golden Gate National Recreation Area and Point Reyes National Seashore, California: Department of the Interior, National Park Service.

- 1992 Statement of Management, Golden Gate National Recreation Area.
- 1993 Point Reyes Fire Management Plan.
- 1993a Statement for Management, Point Reyes National Seashore.

1997 Point Reyes National Seashore Visitor-Use Survey Report: 1997: Point Reyes National Seashore, National Park Service.

1998 Point Reyes National Seashore Visitor-Use Survey Reports: 1998: Point Reyes National Seashore, National Park Service.

1998a Director's Order 77-1: Wetlands: Department of the Interior, National Park Service.

1999 Continuity of Operations Plan for Point Reyes National Seashore: Point Reyes National Seashore, National Park Service.

1999a Director's Order 41, Wilderness Preservation and Management, April, 1999, and Reference Management, Wilderness Preservation and Management, July, 1999: Department of the Interior, National Park Service.

1999b Point Reyes Resource Management Plan.

1999c Transportation Study, Final Report. Point Reyes National Seashore. October, 1999.

2000 National Park Service Management Policies 2001: U.S. Department of the Interior, National Park Service.

2001 Vegetation Map. Golden Gate National Recreation Area and Point Reyes National Seashore.

2001a Point Reyes National Seashore 2001 Visitor Survey Data Card Report: National Park Service.

2001b National Park Service- Point Reyes National Seashore, Bear Valley- Point Reyes National Seashore Weather Summary Since 1964: National Park Service.

2001c Rare Plant Database; Point Reyes National Seashore files.

2002 DO-18, Fire Management Guidelines. Washington, D.C.: Department of the Interior, National Park Service.

2002 Point Reyes National Seashore Annual Performance Plan for Fiscal Year 2003: National Park Service.

2002a National Park Service Visitor Service Report (March 2002, June 2002, September 2002, and December 2002): National Park Service.

2002b Spotted Owl Database, Point Reyes National Seashore.

2002c Point Reyes Prescribed Burn and Mechanical Treatment Preliminary Monitoring Results 1990-2002.

2003 Point Reyes National Seashore Bear Valley Weather Summary since 1964

2003a Fire Monitoring Handbook. Washington, D.C.: Department of the Interior, National Park Service.

2003b Vision Fire Symposium at Point Reyes National Seashore

National Wildfire Coordinating Group (NWCG)

2001. Fire Effect Guide. National Interagency Fire Center. Great Basin Area Cache. Boise Idaho. June 21, 2001

Natural Resource Conservation Service

1985 Soil Survey of Marin County, California: United States Department of Agriculture.

Neubacher, Don, PRNS Superintendent

2003. Personal communication, July 2003.

Newcombe, C.P. and MacDonald, D.D.

1991 Effects of suspended sediments on aquatic ecosystems. North American Journal of Fisheries Management. 11: 72-82.

Newcombe, C.P. and Jensen, J.O.T.

1995 Channel suspended sediment and fisheries: a synthesis for quantitative assessment of risk and impact. North American Journal of Fisheries Management. 16: 693-727.

Nichols, R.; Menke, J.

1984 Effects of chaparral shrubland fire on terrestrial wildlife. In: DeVries, Johannes J., ed. Shrublands in California: literature review and research needed for management. Contribution No. 191. Davis, CA: University of California, Water Resources Center: 74-97.

Norris, Robert M., and Webb, Robert W.

1990 Geology of California. New York, NY: John Wiley & Sons, Inc.

Odion, Dennis C., Bornstein, Carol J., and Carroll, Mary C.

1988 Revegetation in the Santa Barbara Region: Enduring Dilemmas and Potential Solutions. Proceedings of the Second Native Plant Revegetation Symposium, April 15-18, 1987, San Diego, CA, 1988, pp. 76-91. University of Wisconsin, Society of Ecological Restoration and Management.

Olson, David F., Jr.

1974 Baccharis L. baccharis. *In* Seeds of Woody Plants in the United States. C.S. Schopmeyer, ed. Pp. 244-246. Agricultural Handbook 450. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Olson, David F., Jr., Roy, Douglass F., and Walters, Gerald A.

1990 Sequoia sempervirens (D. Don) Endl. redwood. *In* Silvics of North America. R.M. Burns and B.H. Honkala, eds. Pp. 541-551. Agricultural Handbook 654, Vol. 1, Conifers. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Onda, Y., W.E. Dietrich, and F. Booker,

1996 The overland flow generation mechanism in Mt. Vision fire area, Northern California, in Abstracts for the American Geophysical Union Fall Meeting December 15. Pg 209.

Ornduff, R., and Norris, V.

1997 Rebirth of a Bishop Pine Forest: First Year After the Mount Vision Fire. Fremontia 25(3):22-28.

Oster, Ken

1999 Natural Resources Conservation Service: Resource Management Plan, Point Reyes National Seashore: National Park Service.

2003 Emailed Letter to Wendy Poinsot, NPS from Ken Oster, Area Resource Soil Scientist. W. Poinsot, ed: Natural Resource Conservation Service.

Owston, Peyton W., and Stein, William I.

1974 Pseudotsuga Carr. Douglas-fir. *In* Seeds of Woody Plants in the United States. C.S. Schopmeyer, ed. Pp. 674-683. Agricultural Handbook 450. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Parikh, Anuja, and Gale, Nathan

1998 Coast Live Oak Revegetation on the Central Coast of California. Madrono 45(4):301-309.

Paysen, Timothy E., Derby, Jeanine A., and Black, Hugh, Jr.

1980 A Vegetation Classification System Applied to Southern California. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Paysen, Timothy E., Ansley, R. James, and Brown, J.K.

2000 Fire in Western Shrubland, Woodland, and Grassland Ecosystems. *In* Wildland Fire in Ecosystems: Effects of Fire on Flora. J.K. Brown and J.K. Smith, eds. Pp. 121-159. Gen. Tech. Rep. RMRS-GTR-42, Vol. 2. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.

Peek, J.M., et al.

1985 Bighorn Sheep and Fire: Seven Case Histories. *In* Fire's Effects on Wildlife Habitat. J.E. Lotan and J.K. Brown, eds. Pp. 36-43. Missoula, MT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station.

Peterlein, C.R.

2002 Distribution, Protection, and Reproductive Success of Snowy Plovers at Point Reyes National Seashore in 2002. Stinson Beach, CA: Point Reyes Bird Observatory.

Peterson, David L., and Arbaugh, Michael J.

1989 Estimating Postfire Survival of Douglas-fir in the Cascade Range. Canadian Journal of Forest Research 19:530-533.

Philbrick, Ralph N., and Haller, J.R.

1977 The Southern California Islands. *In* Terrestrial Vegetation of California. M.G. Barbour and J. Malor, eds. Pp. 893-906. New York, NY: John Wiley and Sons.

Plumb, Timothy R.

1980 Response of Oaks to Fire. Proceedings of the Symposium on the Ecology, Management, and Utilization of California Oaks, June 26-28, 1979, Claremont, CA, 1980, pp. 202-215. U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Plumb, Timothy R., and McDonald, Philip M.

1981 Oak Management in California. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Plumb, Timothy R., and Gomez, Anthony P.

1983 Five Southern California Oaks: Identification and Postfire Management. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Preston, Richard J., Jr.

1948 North American Trees. Ames, IA: Iowa State College Press.

Pyne, Stephen J., Andrews, Patricia L., and Laven, Richard D.

1999 Introduction to Wildland Fire. New York, NY: John Wiley & Sons, Inc.

Ream, Catherine H.

1981. The effects of fire and other disturbances on small mammals and their predators; an annotated bibliography. Gen Tech. Rep. INT-106 Ogden, Utah: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station.

Reinhardt, E. D.

1997 US Forest Service. First Order Fire Effects Model: FOFEM 4.0 user's guide. U.S. Dept. of Agriculture, Forest Service, Intermountain Research Station, Ogden, UT.

Ripple, William J.

1994 Historic Spatial Patterns of Old Forests in Western Oregon. Journal of Forestry 92(11):45-49.

Robichaud, Peter R., Beyers, Jan L., and Neary, Daniel G.

2000 Evaluating the Effectiveness of Postfire Rehabilitation Treatments (Technical Report RMRS-GTR-63). Fort Collins, CO: Rocky Mountain Research Station, U.S. Forest Service.

Robichaud, Peter R.

2000 Forest Fire Effects on Hillslope Erosion: What We Know. Watershed Management Council Newsletter 9(1).

Rowntree, Lester B.

1994 Afforestation, Fire, and Vegetation Management in the East Bay Hills of the San Francisco Bay Area. Yearbook, Association of Pacific Coast Geographers 56:7-30.

Ruhlen, M., and Abbott, S.

2000 Distribution, Protection, and Reproductive Success of Snowy Plovers at Point Reyes National Seashore in 2000. Stinson Beach, CA: Point Reyes Bird Observatory.

Rundel, Philip W.

1986 Structure and Function in California Chaparral. Fremontia 14(3):3-10.

Russell, E.W.B.

1983 Pollen Analysis of Past Vegetation at Point Reyes National Seashore, California. Madrono 30(1):1-11.

Ryan, Kevin C., and Nonan V. Noste

1985 Evaluating Prescribed Fires. In: Proceedings of Symposium and Workshop on Wilderness Fire, J. E. Lotan et al., eds., pp. 230-238. USDA, Forest Service, Intermountain Research Station General Technical Report 182.

Sampson, Arthur W., Chase, Agnes, and Hedrick, Donald W.

1951 California Grasslands and Range Forage Grasses. Berkeley, CA: University of California College of Agriculture, California Agricultural Experiment Station.

Sandberg, David V., et al.

2001 General Technical Report, Wildland Fire in Ecosystem, Effects of Fire on Air Quality. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station.

Scherer, A.M., Grove K.A, and Davis J.A.

2003 GIS analysis of Quarternary Marine Terraces, Point Reyes Peninsula, California. San Francisco State University. Poster presented at 2003 Geological Society of America Conference, Seattle, WA.

Schettler, Suzanne, and Smith, Michael N.

1980 Nursery Propagation of California Oaks. Proceedings of the Symposium on the Ecology Management and Utilization of California Oaks, June 26-28, 1979, Claremont, CA, 1980, pp. 143-148. U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Schoenherr, Allan A.

1991 A Natural History of California. Berkeley, CA: University of California Press.

Schwilk, D. W. and J. E. Keeley.

1998. Rodent populations after a large wildfire in California chaparral and coastal sage scrub. Southwestern Naturalist 43: 480-483.

Schopmeyer, C.S.

1975 Alnus B. Ehrh. alder. *In* Seeds of Woody Plants in the United States. C.S. Schopmeyer, ed. Pp. 206-211. Agricultural Handbook 450. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Self, D.W. and Ranlett, J.F.

1984 Inland Fish and Fish Habitats of Point Reyes National Seashore. Results of Seashore supported field surveys in July & August 1984.

Serpa, L.

1991. California freshwater shrimp (*Syncharis pacifica*) survey for US Fish and Wildlife Service, 44p.

Shuford, W.D.

1993 The Marin County Breeding Bird Atlas: A Distributional and Natural History of Coastal California Birds. Bolinas, CA: Bushtit Books.

Sims, H.P., and Buckner, C.H.

1973 The Effect of Clearcutting and Burning of Pinus banksiana Forests on the Populations of Small Mammals in Southeastern Manitoba. American Midland Naturalist 90(1):228-231.

Slaymaker, Charles Monroe.

1982 A Model for the Study of Coast Miwok Ethnogeography.

Smith, J. Harry

1968 Growth and Yield of Red Alder in British Columbia. *In* Biology of Alder. J.M. Trappe, J.F. Franklin, R.F. Tarrant, and G.M. Hansen, eds. Pp. 273-286. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range

Experiment Station.

Smith, Jane Kapler, ed.

2000. Wildland fire in ecosystems; effects of fire on fauna. Gen. Tech. Rep. RMRS-GTR-42-vol-1. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky mount Research Station. 83 p.

Soil Conservation Service, USDA

1985 Soil Survey of Marin County California. Washington, D.C.: Soil Conservation Service, United States Department of Agriculture.

Sonoma State University

1997 Point Reyes National Seashore Visitor Survey, 1997. Dana Ferry and Coby La Fayette, authors.

Spies, Thomas A., and Franklin, J.F.

1988 Old Growth and Forest Dynamics in the Douglas-fir Region of Western Oregon and Washington. Natural Areas Journal 8(3):190-201.

Stallcup, Richard.

2000 Field Checklist of Birds for Point Reyes National Seashore. Point Reyes, CA: Point Reyes National Seashore Association.

Stanturf, John A., et al.

2002 Fire in the Southern Forest Landscape. Asheville, NC: Southern Research Station, U.S. Forest Service.

State Water Resources Control Board (SWRCB).

1995 Fishery Protection and water rights issues in Lagunitas Creek. Order No. WR 95-17.

Stein, William I.

1974 Umbellularia (Nees) Nutt. California-laurel. *In* Seeds of Woody Plants in the United States. C.S. Schopmeyer, ed. Pp. 835-839. Agricultural Handbook 450. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Stephenson, John R., and Calcarone, Gena M.

1999 Mountain and Foothills Ecosystems: Habitat and Species Conservation Issues. *In* Southern California Mountains and Foothills Assessment. J.R. Stephenson and G.M. Calcarone, eds. Pp. 15-60. Gen. Tech. Rep. PSW-GTR-172. Albany, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station.

Stuart, J.D.

1986 Fire History of an Old-growth Forest of Sequoia sempervirens (Taxodiaceae) Forest in Humboldt Redwoods State Park, California. Madrono 34(2):128-141.

Sullivan, T.J., Peterson, D.L. and C.L. Blanchard.

2001 Assessment of Air Quality and Air Pollutant Impacts in Class I National Parks in California. Prepared in Cooperation with the Air Resources Division, National Park Service, Denver, CO. April 2001.

Taskey, R.D., Curtis, C.L., and Stone, J.

1989 Wildfire, Ryegrass Seeding, and Watershed Rehabilitation. Proceedings of the Symposium on Fire and Watershed Management, October 26-28, 1988, Sacramento, CA, 1989, pp. 115-124. U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station.

Team, BAER

1996 Mount Vision Fire Incident Burned Area Emergency Rehabilitation (BAER) Plan: Department of the Interior.

Team, EAC Phoenix

1996 After the Vision Fire, Restoration, Safety, and Stewardship for the Inverness Ridge Communities: Environmental Action Committee of West Marin.

Thompson, K., and Grime, J.P.

1979 Seasonal Variation in the Seed Banks of Herbaceous Species in Ten Contrasting Habitats. Journal of Ecology 67:893-921.

Trihey and Associates, Inc. 1996. Lagunitas Creek coho salmon spawner survey report fall and winter 1995. Marin Municipal Water District, Corte Madera, CA. 17p.

1997 Lagunitas Creek coho salmon spawner survey report fall and winter 1996-97. Marin Municipal Water District, Corte Madera, CA. 17p.

Twedt, Brian

2003 Unpublished draft analysis on of the Fire Effects Data for Point Reyes National Seashore, Point Reyes National Seashore, CA.

University of Michigan

2001 Money Generation Model Analysis, Department of Park Recreation and Tourism, Ann Arbor, MI.

U.S. Census Bureau

2000 Census 2000; Marin County

U.S. Department of Agriculture, National Resource Conservation Service 2002 PLANTS Database, Vol. 2002: U.S. Department of Agriculture, National Resource Conservation Service.

U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory

2000 Wildland Fire in Ecosystems: Effects of Fire on Fauna. General Technical Report

RMRS-GTR-42-Volume 1.

2003 Fire Effects Information System, Vol. 2003: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory.

U.S. Fish and Wildlife Service

1984 National Wetlands Inventory Information.

1990 Endangered and threatened wildlife and plants; determination of threatened status for the Pacific coast population of the western snowy plover, final rule. Washington D.C..

19903 Endangered and threatened wildlife and plants; determination of threatened status for the northern Spotted Owl, final rule. Washington D.C. Federal Register 55 (123):26114-26194.

1997 Endangered and Threatened Wildlife and Plants; Determination of Endangered Status for Nine Plants from the Grasslands or Mesic Areas of the Central Coast of California, Final Rule: US Fish and Wildlife Service.

1998 Seven Coastal Plants and the Myrtle's Silverspot Butterfly Recovery Plan. Pp. 141. Portland, OR: US Fish and Wildlife Service.

1999 Endangered and Threatened Wildlife and Plants; Final Determinations of Critical Habitat for the California Red-legged Frog; Final Rule: US Fish and Wildlife Service.

1990a Endangered and threatened wildlife and plants; designation of critical habitat for the Pacific Coast population of the western snowy plover.

2000 Draft Recovery Plan for the California Red-legged Frog (*Rana aurora draytonii*). Pp. 258. USFWS, Portland, OR.

2001 Recovery Plan for the California Red-legged Frog (*Rana aurora draytonii*). Region 1. USFWS, Portland, OR.

U.S. Geological Survey, National Biological Service.

1995 Effects of Fire on Threatened and Endangered Plants: An Annotated Bibliography. Information and Technology Report, August 1995.

U.S. Geological Survey Northern Prairie Wildlife Research Center,

1988 Fire in North American Wetland Ecosystems and Fire-Wildlife Relations: An Annotated Bibliography.

Van Dyke, Eric, Holl, Karen D., and Griffin, James R.

2001 Maritime Chaparral Community Transition in the Absence of Fire. Madrono 48(4):221-229.

Vogl, R.J., et al.

1991 The Closed Cone Pines and Cypress. *In* Terrestrial Vegetation of California. M.G. Barbour and J. Major, eds, Vol. 9. Berkeley, CA: University of California, California Native Plant Society Special Publication.

Weatherspoon, C. Phillip; Husari, Susan J.; van Wagtendonk, Jan W.

1992 Fire and fuels management in relation to owl habitat in forests of the Sierra Nevada and southern California. In Verner, Jared; McKelvey, Kevin S,: Noon, Barry R.; Gutierrez, R.J.; Gould, Gordon I., Jr.; Beck, Thomas W.., tech. Coords. The California spotted owl. A technical assessment of its current status. Gen. Tech. Rep. PSW-GTR-133. Albany, CA; US Department of Agriculture, Forest Service, Pacific Southwest Research Station; 247-260.

Westman, W.E., O'Leary, J.F., and Malanson, G.P.

1981 The Effects of Fire Intensity, Aspect, and Substrate on Post-fire Growth of Californian Coastal Sage Scrub. *In* Components of Productivity of Mediterranean Climate Regions- Basic and Applied Aspects. N.S. Margaris and H.A. Mooney, eds. Pp. 151-179. The Hague, Netherlands: Dr. W. Junk Publishers.

Westman, W.E.

1983 Xeric Mediterranean-type Shrubland Associations of Alta and Baja California and the Community/Continuum Debate. Vegetatio 52:3-19.

Whalen, R.J.

1994 The Ecology of Fire. Cambridge, UK: Cambridge University Press.

Whitman, R.P., Quinn, T.P., and Brannon, E.L.

1982 Influence of suspended volcanic ash on homing behavior of adult Chinook salmon. Transactions of the American Fisheries Society. 111: 63-69.

Williams, K., and Hobbs, R.J.

1989 Control of Shrub Establishment by Springtime Soil Water Availability in an Annual Grassland. Oecologia 81(1):62-66.

Williams, Ted

2001 America's Largest Weed. Audubon. January 2001.

Wirtz, William O., II

1977 Vertebrate post-fire succession. Proceedings of the symposium on environmental consequences of fire and fuel management in Mediterranean ecosystems. Gen Tech Rep. WO-3. Washington, DC: U.S. Department of Agriculture, Forest Service.

Wise, L.

1992 Memorandum - Lagunitas Creek coho spawner survey; Appendix K *In.* Habitat recommendations for Lagunitas Creek, Don Kelley and Associates and Entrix, Inc. for Marin Municipal Water District, Corte Madera, CA.

Wong, Roger

2003 Fire Management Officer, Point Reyes National Seashore. Personnel Communication with Don Neubacher, PRNS Superintendent.

Woods, I.G.

1995 Human Land-use and the Decline of the Myrtle's Silverspot Butterfly: Habitat Degradation due to Grazing Pressue, Stanford University.

Worthington, Norman P.

1957 Silvical Characteristics of Red Alder. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station.

Worthington, Norman P., Ruth, Robert H., and Matson, Elmer E.

1962 Red Alder: Its Management and Utilization. Washington, D.C.: U.S. Department of Agriculture, Forest Service.

Wright, Henry A., and Bailey, Arthur W.

1982 Fire Ecology: United States and Southern Canada. New York, NY: John Wiley & Sons.

Zedler, Paul H., and Scheid, Gerald A.

1988 Invasion of Carpobrotus edulis and Salis lasiolepis after Fire in a Coastal Chaparral Site in Santa Barbara County, California. Madrono 35(3):196-201.

Zinke, P.J.

1990 The Redwood Forest and Associated North Coast Forests. *In* Terrestrial Vegetation of California. M.G. Barbour and J. Major, eds, Vol. Special Publication Number 9. Berkeley, CA: University of California, California Native Plant Society.

Zhang, H., Niemi, T.M., Fumal, T., Seitz, G.

2003. Paleoseismology of the northern San Andreas Fault at Vedanta marsh site, Olema CA. Paper 19-28. poster presented at the 2003 INQUA Congress, Reno, Nevada. July 2003.