

APPENDIX F— FEDERALLY LISTED AND CANDIDATE SPECIES MANAGEMENT, CONSERVATION, AND RESTORATION MEASURES

INTRODUCTION

This appendix summarizes the programmatic management direction for the Cottonwood RMP and the conservation and restoration measures that the BLM will implement for federally listed and candidate animals, fish and plants. The overall management direction of the RMP is described in the first half of the appendix, and the management, conservation, and restoration measures (**Tables F-1 through F-5**) are included in the second half of this appendix.

MANAGEMENT DIRECTION AND GUIDANCE FOR THE RMP

Under Section 202 of FLPMA and 43 CFR 1600, the BLM is required to prepare and implement RMPs that provide a framework to guide the management of public lands. An RMP makes land use allocations, sets broad production goals, and establishes restrictions on resource programs to protect important resource values. In the development of RMPs, FLPMA states that the BLM must follow a number of principles and processes.

Management guidance for resource programs includes laws, Executive Orders, regulations, US Department of the Interior manuals, BLM manuals, and instruction memoranda (Idaho State Office). Together, these form the basis for the continuing management guidance and decisions that apply to public land resources and programs in the Cottonwood RMP. The overall management guidance, applicable state and federal laws, and policy are summarized in Chapter 1 of the Proposed RMP/Final EIS. General management policy for the Cottonwood RMP is provided by FLPMA.

RMP PROGRAMS

The major tool for managing public lands in the CFO management area is the application of management, conservation, and restoration direction under the framework of 32 programs, which are identified previously in the RMP. The programs provide specific management direction for each major resource or use (i.e., Resources, Resource Uses, Special Designations, and Social and Economic Conditions). The programs are intended to provide a CFO-wide perspective on the management of the public lands resource. Several programs may be grouped together where applicable, or if not listed would use the applicable management actions listed in the Special Status Species program at the beginning of table for each species (**Tables F-1 through F-5**).

APPLICATION OF CONSERVATION MEASURES AND IMPLEMENTATION STRATEGY

The BLM will implement the appropriate management, conservation or restoration as part of the review process for ongoing, new, and renewable federal activities. Measures specific to supporting recovery for species are also identified. Implementation actions provide greater detail regarding how and where specific actions will be implemented and the processes that will be followed. Highlights of the conservation measures and implementation actions that generally apply to all species follow below and details are presented later in this appendix.

Project-level inventories will be completed in suitable habitat during project planning if inventory information is not available or adequate to determine whether or not impacts to the species or habitat are likely to occur. For some of the species, the State Office will develop technical guidance, issued as Instruction Memorandum, concerning special status species project-level inventory and assessment requirements. If direct or indirect negative impacts to the species or its habitat are anticipated as a result of new and ongoing BLM discretionary actions, the activity will be modified to avoid or minimize anticipated negative impacts and, where feasible, to promote recovery of listed species and conservation of candidate species. Where needed, the BLM will complete Endangered Species Act Section 7 consultation for new activities that may affect the species and its habitat. The conservation measures for each of the species include a provision to implement adaptive management as needed to achieve conservation objectives. This will be accomplished by conducting site-specific implementation and effectiveness monitoring to track progress toward achieving the management objectives. The BLM, National Marine Fisheries Service, and USFWS will meet annually or as needed to review the implementation progress for the conservation measures, determine if current management actions are meeting management goals, and modify implementation actions as needed if progress toward goals is inadequate.

Management actions to implement the conservation measures will be adjusted as needed to ensure that management objectives are met for each species. The implementation actions would also include specific information regarding the BLM's responsibilities and a timeframe for implementation. Timeframes are based on the need for timely information required to conduct the consultations for ongoing and new federal actions. Timeframes would be influenced by each species' relative level of endangerment, the importance of BLM lands to the species relative to overall species distribution, the level of risk faced by the BLM until consultations are complete, and budget considerations.

SPECIES-SPECIFIC CONSERVATION MEASURES AND IMPLEMENTATION ACTIONS

Conservation measures were created for each species, based on that species' conservation and recovery needs. An abbreviated list of conservation and recovery measures are included for federally listed fish (**Table F-3**), because specific measures are identified in the Approved Cottonwood RMP (*Aquatic Resources, Fish, and Special Status Fish* [AF]) and other appendices (**Appendix B**, Conservation and Restoration Watersheds; **Appendix D**, Aquatic and Riparian Management Strategy; and **Appendix H**, Desired Conditions and Watershed and Aquatic Condition Indicators. Other programs in the Approved Cottonwood RMP also may have specific reference to conservation measures that would be applicable for federally listed and candidate species, specifically *Wildlife and Special Status Wildlife* (WS) and *Special Status Plants* (SP) sections. Management actions and conservation measures are included in the following tables:

Table F-1: Canada Lynx;

Table F-2: Northern Idaho Ground Squirrel;

Table F-3: Sockeye Salmon, Spring/Summer Chinook Salmon, Fall Chinook Salmon, Steelhead Trout, and Bull Trout;

Table F-4: MacFarlane's Four-O'clock and Spalding's Catchfly; and

Table F-5: Yellow-Billed Cuckoo.

Because each species has unique requirements, terms such as "suitable habitat" are defined for federally listed animals and plants in **Appendix G**, Species-specific Habitat Definitions.

Table F-1
Canada Lynx (*Lynx canadensis*) – Management, Conservation, and Restoration Measures for CFO

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
<p>Special Status Animal and Plant Management Note: Common to All Programs</p>	<p>The conservation measures contained throughout this table implement important elements included in the <i>Canada Lynx Conservation Assessment and Strategy</i> (Ruediger et al. 2000), and Recovery Outline for Lynx (USFWS 2005b). The conservation measures reflect the BLM’s commitment to support species recovery, meet Endangered Species Act objectives, and strive to support recovery efforts in any future developed Recovery Plan and revisions.</p> <p>1) In cooperation with Idaho Department of Fish and Game, Forest Service, Tribes, USFWS, and others:</p> <p>a) Continue to cooperate in determining the distribution of populations and suitable habitats.</p> <p>b) Following current monitoring protocols, cooperate in conducting lynx surveys and habitat monitoring.</p>	<p>The implementation actions reflect the BLM’s commitment to support species recovery and meet Endangered Species Act objectives. Actions apply to BLM lands and activities only. Habitat terms used throughout this document are defined in Appendix G: Species-Specific Habitat Definitions.</p> <p>1) Following actions to be completed in cooperation with others:</p> <p>a) Mapping and data inventory:</p> <p>i) Continue to identify, record, and map the following habitats: foraging habitats, denning habitats, Lynx Analysis Units and other suitable habitat on BLM lands. For additional information regarding lynx habitat, see Appendix G, Species Specific Habitat Definitions.</p> <p>ii) Maintain a spatial database of species population and habitat information for BLM lands and Lynx Analysis Units.</p> <p>b) Cooperate with USFWS, Forest Service, and other partners to accomplish lynx surveys and habitat monitoring.</p>	<p>1) As stated below:</p> <p>a) CFO, in coordination with Forest Service. SO support for mapping as needed.</p> <p>b) CFO in coordination with Forest Service and USFWS.</p>

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	c) Participate in research essential to conservation of the species. Cooperate in determining specific limiting factors in terms of habitat needs and characteristics.	c) the BLM will participate as funding allows.	c) CFO in coordination with Forest Service and USFWS.
	d) Cooperate in the maintenance and improvement of habitat in key foraging areas, for example, snowshoe hare habitat, and other suitable lynx habitats.	d) Take advantage of opportunities as they arise. Manage suitable habitat to maintain and promote snowshoe hare winter habitat, denning habitat, and connectivity between suitable lynx habitats and Lynx Analysis Units.	d) CFO in coordination with Forest Service and USFWS.
	e) Working with other agencies, compile a general list of BMPs that would apply to all programs, to the extent that such a list would assist with consultation and species recovery. The intent of implementing BMPs is to avoid or minimize negative impacts.	e) Use guidance and BMPs to avoid or minimize adverse effects to lynx and support species recovery.	e) CFO in coordination with State Office, Forest Service and USFWS.
	2) Ensure that ongoing federal actions support or do not preclude species recovery.	2) Ongoing BLM activities:	2) CFO (all actions)
	a) Use <i>Canada Lynx Conservation Assessment and Strategy</i> (Ruediger et al. 2000), and future developed Recovery plan or updates for guidance in the identification of BMPs to avoid or minimize adverse effects to lynx or suitable habitat and for implementation of conservation measures.	a) As needed, review ongoing activities occurring within Lynx Analysis Units. b) Determine if direct or indirect negative impacts to the species or its suitable habitat are occurring as a result of ongoing discretionary BLM actions. If so, modify the activity to avoid or minimize negative impacts and, where feasible, promote species recovery. c) As needed, complete Section 7 consultation for ongoing activities that may affect this species and its habitat.	

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	3) Ensure that new federal actions support or do not preclude species recovery.	3) New BLM activities: a) Project-level inventories will be completed in suitable habitat during project planning if inventory information is not available or adequate. b) If direct or indirect negative impacts to the species or its habitat are anticipated as a result of new BLM actions, modify the activity to avoid or minimize anticipated negative impacts and, where feasible, promote species recovery. c) As needed, complete Section 7 consultation for new activities that may affect this species and its habitat.	3) CFO (all actions)
	4) Protect lynx from disturbance that might result in displacement during critical periods.	4) Avoid implementing activities near den sites during the breeding season and follow guidance for foraging areas during the wintering season.	4) CFO
	5) Maintain or restore lynx habitat connectivity within and between Lynx Analysis Units, and in linkage areas.	5) New BLM activities: a) New or expanded permanent developments and vegetation management projects must maintain or restore habitat connectivity in and between Lynx Analysis Units and in linkage area. b) Identify potential highway crossings and fencing when highway or forest highway construction or reconstruction is proposed.	5) As identified below: a) CFO in coordination Forest Service b) CFO and USFWS in coordination with appropriate other road management agencies (Forest Service, County, State, and federal).

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		c) Changes in Lynx Analysis Unit boundaries shall be based on site-specific habitat information and after review by Forest Service, USFWS, and the BLM Idaho State Office.	c) CFO in coordination with Forest Service
	6) Implement adaptive management as needed to achieve conservation objectives.	6) Conduct site-specific implementation and effectiveness monitoring. Adjust management as needed to ensure that management objectives are met.	6) CFO
	7) Support conservation easements, cooperative management efforts, and other programs on adjacent nonfederal lands to support recovery of the Canada lynx.	7) Take advantage of opportunities as they arise.	7) CFO
	8) Map locations of “over-snow motorized” designated and groomed routes occurring within Lynx Analysis Units.	8) Map the location and intensity of snow-compacting activities, and designated and groomed routes that occur within Lynx Analysis Units. The baseline period will include snow compacting activities and designated and groomed routes that were occurring during the period 1998 to 2000. The mapping is to be completed within one year of the Record of Decision (ROD) on this RMP, and changes in activities and routes are to be monitored every five years.	8) CFO
Air Resources	None	None	None

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Soil and Water Resources: Riparian/Wetland Areas (includes weed management)	1) Within Lynx Analysis Units (lynx habitat), activities in the Soil and Water Resources, Riparian/Wetland Management (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Projects involving the application of pesticides (herbicides, insecticides, etc.) in riparian/wetlands that may affect the species will be analyzed at the project level and designed such that pesticide applications will support conservation and recovery and minimize risks of exposure.	2) Site-specific stipulations will be developed locally using the following criteria: a) Evaluate the benefits and risks of vegetation treatment, including the following: application methods; pesticides, carriers, and surfactants used; needed treatment buffers; and use of non-chemical weed control (for example, bio-controls, hand pulling). If management objectives can be effectively accomplished using non-chemical methods, such is the preferred alternative. b) Apply appropriate spatial and temporal buffers to avoid species' exposure to harmful chemicals and human disturbance within and adjacent to key habitat areas. c) Implement appropriate revegetation and weed control measures to reduce the risks of non-native species infestations following any ground/soil disturbing actions in or near suitable habitat.	2) CFO in consultation with USFWS (all actions)
	3) Where needed and feasible, coordinate with adjacent land owners and local governments	3) Take advantage of opportunities as they arise.	3) CFO

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	regarding control of invasive plants in riparian areas through cooperative weed management programs.		
	4) Conserve or restore riparian habitats in functional condition to maintain their integrity for use as travel and/or foraging areas.	4) Management actions: a) Emphasize eradication of non-native invasive species in riparian areas that occur within Lynx Analysis Units. b) Avoid issuing commercial firewood cutting permits in suitable habitats in riparian forests. If permits are issued, ensure that such activities are consistent with the long-term maintenance of functional riparian habitats occurring in lynx habitat in Lynx Analysis Units. c) As needed, close suitable habitat in riparian forests to non-commercial firewood cutting and post the closure.	4) CFO (all actions)
Upland Vegetation Management: Rangelands (includes weed management)	1) Activities in the Upland Vegetation Management: Rangelands (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Projects involving the application of pesticides in uplands adjacent to lynx habitat or in restoration areas will be designed and implemented in accordance with the approach described in the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	2) See Soil and Water Resources: Riparian/Wetland Areas (includes weed management) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	2) CFO

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Forest and Woodland Management and Forest Products (includes weed management)	1) Within lynx habitats, activities in the Forest and Woodland Management (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage vegetation to mimic or approximate natural succession and disturbance processes while maintaining habitat components necessary for the conservation of Canada lynx.	2) Within Lynx Analysis Units manage vegetation to mimic or approximate natural succession and disturbance processes while maintaining habitat components necessary for the conservation of Canada lynx. Unless a broad scale assessment has been completed that substantiates different historic levels of stand initiation structural stages (early seral), limit disturbance in each Lynx Analysis Unit as follows: a) If more than 30 percent of the lynx habitat in a Lynx Analysis Unit is currently in a stand initiation structural stage that does not yet provide winter snowshoe hare habitat, then no additional habitat may be regenerated by vegetation management projects. b) Fuel treatment projects that create stand initiation structural stage will be included in the 30 percent calculation – meaning that if a fuel treatment project within the Wildland Urban Interface (WUI) creates more than 30 percent, then other projects that want to regenerate more would have to be modified or deferred until the standard can be met.	2) CFO in coordination with USFWS and Forest Service (all actions)

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>c) Cumulative total of fuel treatment projects that do not meet the vegetation standards shall not exceed 6% of mapped lynx habitat in the Lynx Analysis Unit amendment area (Defined in the Draft Northern Rockies Lynx Amendment). This standard applies to all vegetation management projects and fuel treatment projects outside the WUI.</p> <p>d) Fuel treatment projects in the WUI should be designed to promote lynx conservation.</p>	
	<p>3) Provide for snowshoe hare habitat within Lynx Analysis Units.</p>	<p>3) Provide a mosaic of habitat conditions through time that support dense horizontal cover, and high densities of snowshoe hare. Provide winter snowshoe hare habitat in both the stand initiation structural stage and in mature, multi-story conifer vegetation.</p> <p>a) Short term adverse effects may occur to promote long term benefits for high quality snowshoe hare habitats.</p>	<p>3) CFO in coordination with Forest Service (all actions)</p>
	<p>4) Provide for proper amounts and distribution of denning habitat within Lynx Analysis Units.</p>	<p>4) Denning habitat should be distributed in each Lynx Analysis Unit in the form of pockets of large amounts of large woody debris, either down logs or root wads, or large piles of small wind thrown trees (jack-strawed piles). If denning habitat appears to be lacking in the Lynx Analysis Unit, then projects should be designed to retain some coarse woody debris, piles, or residual trees to provide denning habitat in the future.</p>	<p>4) CFO in coordination with Forest Service (all actions)</p>

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	5) Projects involving the application of pesticides in forested areas and woodlands adjacent to riparian and wetland areas that provide suitable lynx habitat will be designed and implemented in accordance with the approach described in the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	5) See Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	5) CFO
	6) Within Lynx Analysis Units, focus vegetation management in areas to improve winter snowshoe hare habitat.	6) Within Lynx Analysis Units, focus vegetation management in areas that have potential to improve winter snowshoe hare habitat but presently have poorly developed understories that lack dense horizontal cover. a) Timber management projects shall not regenerate more than 15 percent of lynx habitat on Forest Service or BLM lands in a Lynx Analysis Unit in a ten-year period. b) Precommercial thinning projects that reduce snowshoe hare habitat may occur from the stand initiation structural stage (early seral) until the stands no longer provide winter snowshoe hare habitat only: i) Within 200 feet of administrative sites, dwellings or outbuildings; or ii) For research studies or genetic tree tests evaluating genetically improved reforestation stock; or iii) Where a project is not likely to adversely affect lynx; or iv) Where a project is likely to have short	6) CFO in coordination with Forest Service (all actions)

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>term adverse effects on lynx or its habitats, but would result in long-term benefits to lynx and its habitat.</p> <p>v) For conifer removal in aspen, or daylight thinning around individual aspen trees, where aspen is in decline; or</p> <p>vi) For daylight thinning of planted rust-resistant white pine where 80% of the winter snowshoe hare habitat is retained; or</p> <p>vii) To restore whitebark pine.</p> <p>c) Vegetation management projects that reduce snowshoe hare habitat in multi-story mature or late successional forests may occur only:</p> <p>i) Within 200 feet of administrative sites, dwellings, outbuildings, recreation sites, and special use permit improvements, including infrastructure within permitted ski area boundaries; or</p> <p>ii) For research studies or genetic tree tests evaluating genetically improved reforestation stock; or</p> <p>iii) For incidental removal during salvage harvest (e.g. removal due to location of skid trails).</p> <p>iv) Timber harvest is allowed in areas that have potential to improve winter snowshoe hare habitat but presently have poorly developed understories that lack dense horizontal cover (e.g. uneven age</p>	

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>management systems could be used to create openings where there is little understory so that new forage can grow.</p> <p>d) Vegetation management projects should be planned to recruit a high density of conifers, hardwoods, and shrubs where such habitat is scarce or not available. Priority should be given to stem-exclusion, closed-canopy structural stage stands for lynx or their prey (e.g. mesic, monotypic lodgepole stands). Winter snowshoe hare habitat should be near denning habitat.</p> <p>e) Habitat for alternate prey species, primarily red squirrel, should be provided in each Lynx Analysis Unit.</p>	
	<p>7) Report types and amounts of vegetation treatments affecting lynx habitat within Lynx Analysis Units.</p>	<p>7) Document and report treatments affecting lynx habitat within Lynx Analysis Units as follows:</p> <p>a) Annually report the acres of vegetation management projects that occurred in winter snowshoe hare habitat during the previous fiscal year. Report the type of activity, acres, and location (unit, Lynx Analysis Unit). CFO submits treatment reports to State Office and USFWS.</p> <p>b) Report the acres of fuel treatment projects that occurred in lynx habitat within the wildland urban interface, when the project decision is approved. Report whether or not the fuel treatment met the vegetation standards. If standard(s) are not met, report which</p>	<p>7) CFO (all actions), State Office, and USFWS.</p>

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		standard(s), how many acres were affected, and why they were not met. CFO submits treatment reports to State Office and USFWS.	
Wildlife and Wildlife Habitat Management	1) Activities within the Wildlife and Wildlife Habitat Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Coordinate with Idaho Department of Fish and Game, Forest Service, and USFWS to improve snowshoe hare habitat within Lynx Analysis Units.	2) Coordinate and implement projects to improve snowshoe hare habitat, where appropriate.	2) CFO in coordination with Idaho Department of Fish and Game, Forest Service, and USFWS
Fish and Aquatic Habitat Management	1) Activities within the Fish and Aquatic Habitat Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) See Appendix B, Appendix D, and Appendix H for additional watershed, riparian, and aquatic conservation measures that would promote functional riparian habitats within Lynx Analysis Units.	2) Coordinate and implement management actions to improve riparian habitats/travel corridors.	2) CFO
Fire Management: Fire Suppression	1) Activities within the Fire Management: Fire Suppression program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery. Human life and firefighter safety and property take priority over species protection.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	2) Fire suppression efforts will be conducted, as possible, to conserve and restore lynx habitat within Lynx Analysis Units.	2) Fire management activities: a) Review Fire Management Plan for adequacy in addressing conservation measures. Modify the plan if needed. b) Apply MIST within Lynx Analysis Units, as appropriate. Consult with resource advisors to determine where MIST tactics should be applied to avoid or minimize negative impacts. c) Do not locate fire base camps, staging areas, and fueling areas in or adjacent to known den sites. Avoid conducting other related activities in these areas.	2) Responsibilities follow: a) FMO and CFO b) FMO and Incident Commander for fire c) FMO and CFO
Fire Management: Emergency Stabilization and Rehabilitation (includes weed management)	1) Activities within the Fire Management: Emergency Stabilization and Rehabilitation (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Implement Emergency Stabilization and Rehabilitation activities to promote lynx habitat rehabilitation.	2) Emergency Stabilization and Rehabilitation activities: a) If needed and if natural recovery would not achieve habitat objectives, implement Emergency Stabilization and Rehabilitation activities to promote rehabilitation of suitable habitat. b) As needed, protect disturbed areas using temporary closures or other measures until	2) CFO (all actions)

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		desired vegetation is re-established and self-sustaining.	
	3) Fire rehabilitation projects involving the application of pesticides will be analyzed and implemented in accordance with the approach described in the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	3) See Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	3) CFO
Fire Management: Wildland Fire Use	1) Activities within the Fire Management: Wildland Fire Use program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Wildland fire use projects will be used to conserve and restore suitable lynx habitat.	2) Wildland fire use projects will be used to conserve and restore suitable habitats by avoiding or minimizing negative impacts to suitable habitat and other resources within Lynx Analysis Units. a) Do not create permanent travel routes that facilitate snow compaction in lynx habitat. Avoid construction of permanent firebreaks on ridges or saddles. b) Vegetation management projects should be used to recruit a high density of conifers, hardwoods, and shrubs where such habitat is scarce or not available. Priority should be given to stem-exclusion, closed-canopy structural stage stands for lynx or their prey (e.g. mesic, monotypic lodgepole stands).	2) CFO, Idaho Department of Fish and Game, Forest Service, and USFWS (all actions)

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		Winter snowshoe hare habitat should be near denning habitat.	
Fire Management: Prescribed Fire	1) Activities within the Fire Management: Prescribed Fire program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Prescribed fire projects will be designed to conserve suitable lynx habitat.	2) Prescribed fire projects will be designed to conserve suitable habitats by avoiding or minimizing negative impacts to suitable habitat, and use prescribed fire for enhancing habitats. a) Do not create permanent travel routes that facilitate snow compaction in lynx habitat. Avoid construction of permanent firebreaks on ridges or saddles. b) Vegetation management projects should be planned to recruit a high density of conifers, hardwoods, and shrubs where such habitat is scarce or not available. Priority should be given to stem-exclusion, closed-canopy structural stage stands for lynx or their prey (e.g. mesic, monotypic lodgepole stands). Winter snowshoe hare habitat should be near denning habitat.	2) CFO and FMO
Fire Management: Non-Fire Fuels Management (includes weed management)	1) Activities within the Fire Management: Non-Fire Fuels Management (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>Management program section to promote recovery.</p>		
	<p>2) Implement projects involving the application of pesticides in accordance with the approach described in the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.</p>	<p>2) See Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.</p>	<p>2) CFO</p>
	<p>3) Non-fire fuels projects will be designed to conserve and enhance lynx habitat within Lynx Analysis Units.</p>	<p>3) Non-fire fuels projects will be designed to conserve and enhance habitat within Lynx Analysis Units:</p> <p>a) Do not create permanent travel routes that facilitate snow compaction in lynx habitat. Avoid construction of permanent firebreaks on ridges or saddles.</p> <p>b) Vegetation management projects should be planned to recruit a high density of conifers, hardwoods, and shrubs where such habitat is scarce or not available. Priority should be given to stem-exclusion, closed-canopy structural stage stands for lynx or their prey (e.g. mesic, monotypic lodgepole stands). Winter snowshoe hare habitat should be near denning habitat.</p>	<p>3) CFO (all actions)</p>
<p>Fire Management: Community Assistance</p>	<p>1) Activities within the Fire Management: Community Assistance program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	<p>1) CFO and State Office</p>
	<p>2) Follow all measures included throughout the Fire Management program sections.</p>	<p>2) See actions within Fire Management program sections. Incorporate into community assistance agreements.</p>	<p>2) CFO</p>

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Cultural Management	1) Activities within the Cultural Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Paleontology Management	1) Activities within the Paleontology Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Visual Resources	None	None	None
Livestock Grazing Management: Leases	1) Activities within Livestock Grazing Management: Leases program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage livestock grazing to be compatible with improving or maintaining lynx habitat.	2) Manage livestock grazing to be compatible with improving or maintaining lynx habitat within Lynx Analysis Units. a) Standard and Guideline Evaluations and Lease renewal actions: i) For review of ongoing actions, see Special Status Animal and Plant Management program section item (2). ii) For new actions, see Special Status Animal and Plant Management program section item (3). b) In fire- and harvest-created openings, livestock grazing should be managed so that	2) CFO

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>impacts do not prevent shrubs and trees from regenerating.</p> <p>c) In aspen stands, livestock grazing should be managed to contribute to their longterm health and sustainability.</p> <p>d) In riparian areas and willow carrs, livestock grazing should be managed to contribute to maintaining or achieving a preponderance of mid- or late-seral stages, similar to conditions that would have occurred under historic disturbance regimes.</p> <p>e) In shrub-steppe habitats, livestock grazing should be managed in the elevation ranges of forested lynx habitat in Lynx Analysis Units, to contribute to maintaining or achieving a preponderance of mid- or late-seral stages, similar to conditions that would have occurred under historic disturbance regimes.</p>	
Livestock Grazing Management: Livestock Management Facilities	<p>1) Activities within the Livestock Grazing Management: Livestock Management Facilities program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	1) CFO
	<p>2) Manage livestock facilities to promote and maintain e lynx habitat. Maintain and promote suitable habitat and restore areas for the lynx while implementing rangeland health standards and guidelines.</p>	<p>2) For review of ongoing actions, see Special Status Animal and Plant Management program section item (2). For new actions, see Special Status Animal and Plant Management program section item (3). As appropriate to avoid or minimize negative</p>	2) CFO

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Mineral Management: Locatable Minerals	1) Activities within the Mineral Management: Locatable Minerals program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	impacts in lynx habitat, modify existing and avoid placement of new livestock facilities. 1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Approve plans of operations or allow notice level operations so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) Approval of plans of operations and notice-level operations: a) For review of existing plans of operation and notice-level operations (applying to areas either within Lynx Analysis Units and lynx habitat), see Special Status Animal and Plant Management program section item (2). To the extent allowed by law, modify plans of operation or notice-level operations that conflict with lynx management objectives in suitable habitat. For notice-level operations, notify the operator that modifications to proposed activities will be required to avoid negative impacts. b) For new plans of operation and notice-level operations (applying to areas within suitable habitat), see Special Status Animal and Plant Management program section item (3). To the extent allowed by law, avoid approving plans of operation or notice-level operations that conflict with lynx management objectives in suitable habitat. Consider the seasonal nature of the proposed activities, and whether this	2) CFO (all actions)

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		conflicts with lynx recovery needs. For notice-level operations, notify the operator that modifications to proposed activities will be required to avoid negative impacts. If a plan of operations is to be approved in suitable habitat, apply stipulations to support or to not preclude species recovery. A notice will require modification by the operator until BLM determines that it will not result in undue or unnecessary degradation.	
	3) Manage human activities such as exploration and development of minerals to reduce impacts on lynx and its habitat.	3) Manage human activities such as exploration for development of minerals to reduce impacts on lynx and its habitat. a) For mineral development sites and facilities in remote areas, discourage winter access and use to minimize snow compaction in Lynx Analysis Units and lynx habitat. b) For mineral development sites and facilities that are closed, a reclamation plan that restores lynx habitat should be developed. c) Winter access for mineral exploration and development should be limited to designated routes or designated over-the-snow routes.	3) CFO (all actions)
Mineral Management: Saleable and Leasable Minerals	1) Activities within the Mineral Management: Saleable and Leasable Minerals program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	2) Approve development of saleable or leasable minerals so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) Approval of saleable and leasable minerals: a) For review of existing mineral leases (applying to lynx habitat within Lynx Analysis Units), see Special Status Animal and Plant Management program section item (2). Modify existing mineral leases if negative impacts are occurring. b) For new sales or leases (applying to areas within Lynx Analysis Units and suitable habitat), see Special Status Animal and Plant Management program section item (3). Avoid development of saleable or leasable minerals in suitable habitat if negative impacts are expected. Consider the seasonal nature of the proposed activities, and whether this conflicts with bald eagle recovery needs. If a minerals lease or sale is to be issued in suitable habitat, apply stipulations to support or to not preclude species recovery.	2) CFO
	3) When offering leases within special status species habitat, specify a controlled surface use stipulation.	3) When offering leases within special status species habitat, then specify a controlled surface use stipulation (see Appendix L) to prevent degradation of habitat.	
Recreation Management	1) Activities within the Recreation Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Developed facilities (boat access, paved campgrounds, vault toilets, interpretive kiosks,	2) Management of existing and new facilities: a) For review of existing facilities see Special	2) CFO (all actions)

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	etc.): Manage existing and new recreation facilities so as to not preclude species habitat conservation and recovery. This includes management of the physical facilities, as well as disturbances to the species resulting from human uses.	<p>Status Animal and Plant Management program section item (2). As appropriate to avoid or minimize negative impacts, modify existing facilities.</p> <p>b) For new facilities, or for expansion of uses or seasons of use at existing facilities, see Special Status Animal and Plant Management program section item (3). In addition, avoid development of new recreation facilities or expansion of existing facilities within lynx habitat when such has negative effects.</p>	
	3) Dispersed use areas (informal areas, including camping areas and tie-up areas for pack animals and boats): Manage dispersed use sites so as not to preclude species habitat conservation and recovery. This includes limiting disturbances to the species resulting from human uses.	3) For review of ongoing activities, see Special Status Animal and Plant Management program section item (2). In addition, minimize human activity within Lynx Analysis Units if negative impacts are occurring. Close areas, either seasonally or year-round, as needed to protect the species and its habitat, and post and monitor the closure.	3) CFO
	4) Commercial and noncommercial recreation permits, including outfitter camps: Issue commercial and noncommercial recreation permits so as not to preclude species habitat conservation and recovery. This includes management of physical facilities (such as camps), as well as disturbances to the species resulting from human uses.	<p>4) Issuance and review of existing and new permits:</p> <p>a) For review of existing permits, see Special Status Animal and Plant Management program section item (2). If needed, modify existing permits that conflict with recovery for lynx.</p> <p>b) For new permits, see Special Status Animal and Plant Management program section item (3). Avoid issuing recreation</p>	4) CFO (all actions)

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		permits if negative impacts are expected. Consider the seasonal nature of the proposed activities, and whether this conflicts with lynx recovery needs. If a recreation permit is to be issued, apply stipulations to the permit to support or to not preclude species conservation and recovery.	
	5) Manage recreational activities to maintain lynx habitat and connectivity.	5) As needed, coordinate with Idaho Department of Fish and Game, USFWS, and the Forest Service to manage recreational activities to maintain lynx habitat and connectivity. a) Concentrate activities in existing developed areas, rather than developing new areas in lynx habitat. b) Recreation developments and operations should be planned in ways that both provide for lynx movement and maintain the effectiveness of lynx habitat.	5) CFO, in cooperation with Idaho Department of Fish and Game, USFWS, and Forest Service.
Transportation and Travel Management	1) Activities within the Transportation and Travel Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage roads, OHV routes and areas, as well as non-motorized trails, so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) Review of existing and new roads, OHV routes, and areas and non-motorized trails: a) For existing roads, designated OHV routes and areas, and designated non-motorized trails, see Special Status Animal and Plant Management program section item (2).	2) CFO (all actions)

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>Modify management of roads, routes, or trails within Lynx Analysis Units to not preclude species habitat conservation and recovery. Seek opportunities to close and revegetate OHV routes or non-motorized trails and use areas within Lynx Analysis Units, if negative impacts are occurring.</p> <p>b) For new roads, OHV routes and areas, and non-motorized trails, see Special Status Animal and Plant Management program section item (3). Avoid constructing new roads, trails, routes, and areas if negative impacts are expected. Consider the seasonal nature of the proposed activities, and whether this conflicts with lynx recovery needs.</p>	
	<p>3) Maintain regular compliance checks on OHV closures to protect suitable habitat and to identify problems as soon as possible and take immediate corrective measures.</p>	<p>3) Ongoing, day-to-day BLM activities.</p>	<p>3) CFO</p>
	<p>4) Maintain the lynx’s natural competitive advantage over other predators in deep snow, by discouraging the expansion of snow compacting activities in lynx habitat.</p>	<p>4) Maintain the lynx’s natural competitive advantage over other predators in deep snow, by discouraging the expansion of snow compacting activities in lynx habitat. Where appropriate the following should be implemented:</p> <p>a) New permanent roads should not be built on ridge-tops and saddles, or in areas identified as important for lynx habitat connectivity. New permanent roads and trails should be situated away from forested stringers.</p>	<p>4) CFO (all actions)</p>

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>b) Cutting brush along low-speed, low-traffic-volume roads should be done to the minimum level necessary to provide for public safety.</p> <p>c) On new roads built for projects, public motorized use should be restricted. Effective closures should be provided in road designs. When the project is over, these roads should be reclaimed or decommissioned, if not needed for other management objectives.</p> <p>d) Designated over-the-snow routes or play areas should not expand outside baseline areas of consistent snow compaction by Lynx Analysis Unit or in a combination of immediately adjacent Lynx Analysis Units unless designation serves to consolidate use and improve lynx habitat.</p> <p>e) This does not apply inside permitted ski area boundaries, to winter logging, to rerouting trails for public safety, to accessing private inholdings.</p> <p>f) Use the same analysis boundaries for all actions subject to this guideline.</p>	
	<p>5) Reduce adverse highway effects on lynx by working cooperatively with other agencies to provide for lynx movement and habitat connectivity, and to reduce the potential of lynx mortality.</p>	<p>5) Reduce adverse highway effects on lynx by working cooperatively with other agencies to provide for lynx movement and habitat connectivity, and to reduce the potential of lynx mortality. Where appropriate the following should be implemented:</p> <p>a) Methods to avoid or reduce effects to lynx should be used in lynx habitat when</p>	<p>5) CFO in coordination with other state and federal agencies (all actions)</p>

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>upgrading unpaved roads to maintenance levels 4 or 5, if the result would be increased traffic speeds and volumes, or a foreseeable contribution to increases in human activity or development.</p> <p>b) Methods to avoid or reduce effects on lynx should be used when constructing or reconstructing highways across federal land. Methods could include fencing, underpasses or overpasses.</p>	
Lands and Realty Management: Land Tenure Adjustment (land sale, exchanges, withdrawals, etc.)	1) Activities within the Lands and Realty Management: Land Tenure Adjustment (land sale, exchanges, withdrawals, etc.) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Where feasible and funding is available, acquire through land exchange or purchase private lands in suitable habitat areas that could enhance lynx.	2) Take advantage of opportunities as they arise. Priority should be given to lands that are adjacent to or near public lands and/or areas that provide important lynx habitat within Lynx Analysis Units.	2) CFO

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	3) Retain lynx habitat in federal ownership to the extent possible, while balancing other needs.	3) Review each land tenure decision in terms of species habitat. Retain lynx habitat in public ownership unless compelling circumstances necessitate the land tenure adjustment. Avoid the loss of suitable habitat from federal ownership. If property with suitable habitat is to be transferred out of federal ownership, permanent conservation easements may be attached to the transfer that would result in equal or greater protection than under federal management. Such measures must be approved by the State Director.	3) CFO and State Office
Lands and Realty Management: Land Use Permits and Leases	1) Activities within the Lands and Realty Management: Land Use Permits and Leases program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO and State Office
	2) Issue new land use permits and leases and review existing permits and leases at renewal so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) For new permits and renewal of existing permits (apply to areas within suitable habitat), see Special Status Animal and Plant Management program section item (3). Avoid issuing new permits or leases, or renewing existing permits or leases within Lynx Analysis Units if negative impacts are expected. a) Consider the seasonal nature of the proposed activities, and whether this conflicts with lynx recovery needs.	2) CFO (all actions)

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>b) If a permit or lease is to be issued or re-issued within Lynx Analysis Units, apply stipulations to the permit that support or do not preclude species recovery and that avoid or minimize negative impacts.</p> <p>c) Manage human activities within lynx habitat such as non-recreational special uses and placement of utility transmission corridors to reduce impacts on lynx and lynx habitat. Winter access for non-recreational special uses should be limited to designated routes or designated over-the-snow routes.</p>	
	<p>3) Provide for lynx habitat needs and connectivity when developing new or expanding existing developed ski areas.</p>	<p>3) Provide for lynx habitat needs and connectivity when developing new or expanding existing developed ski areas. The following should be implemented where appropriate:</p> <p>a) When developing or expanding ski areas, provisions should be made for adequately sized inter-trail islands that include coarse woody debris, so winter snowshoe hare habitat is maintained.</p> <p>b) When developing or expanding ski areas, nocturnal foraging should be provided consistent with the ski area’s operational needs, especially where lynx habitat occurs as narrow bands of coniferous forest across mountain slopes.</p> <p>c) When developing or expanding ski areas and trails, access roads and lift termini should</p>	<p>3) CFO (all actions)</p>

Table F-1
Canada Lynx (*Lynx canadensis*)—Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Lands and Realty Management: Rights-of-Way	1) Activities within the Lands and Realty Management: Rights-of-Way program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	be located to maintain and provide lynx diurnal security habitat. 1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Issue rights-of-way and review/renew existing rights-of-way so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) For new rights-of-way and renewal of existing rights-of-way (applying to areas within suitable habitat), see Special Status Animal and Plant Management program section items (2) and (3). a) Consider the seasonal nature of the proposed activities, and whether this conflicts with lynx recovery needs. b) If a right-of-way is to be issued or re-issued in suitable habitat, apply stipulations to the right-of-way that support or do not preclude species recovery and that avoid or minimize negative impacts.	2) CFO (all actions)
Special Designation Area Management	1) Activities within the Special Designation Area Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Explore the potential for new designations that would enhance species recovery within Lynx Analysis Units.	2) Take advantage of opportunities as they arise.	1) CFO

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
<p>Special Status Animal and Plant Management Note: Common to All Programs</p>	<p>The conservation measures contained throughout this table implement important elements included in the Recovery Plan for the northern Idaho ground squirrel. The conservation measures reflect the BLM’s commitment to support species conservation and meet Endangered Species Act objectives.</p> <p>1) In cooperation with Idaho Department of Fish and Game, USFWS, Forest Service, and others:</p> <p>a) Cooperate to identify and map populations and suitable habitats.</p>	<p>The implementation actions reflect the BLM’s commitment to support species recovery and meet Endangered Species Act objectives. Actions apply to BLM lands and activities only. Habitat terms used throughout this document are defined in Appendix G: Species-Specific Habitat Definitions.</p> <p>1) Following actions to be completed in cooperation with others:</p> <p>a) Mapping and data inventory:</p> <p>i) Identify, record, and map known populations, suitable habitat, restoration areas, and connectivity corridors on BLM lands.</p> <p>ii) the BLM’s objective will be to systematically inventory the remaining unsurveyed suitable habitat on BLM lands. The amount of habitat to be surveyed each year will be based on available annual funding.</p> <p>iii) In cooperation with Conservation Data Center, maintain a spatial database of species population and habitat information for BLM lands, if found on BLM lands.</p>	<p>1) As stated below:</p> <p>a) CFO, in coordination with USFWS, Idaho Department of Fish and Game, and Conservation Data Center (all actions). State Office support for mapping as needed.</p>

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>b) If populations are found on BLM lands, cooperate in monitoring northern Idaho ground squirrel population trends and habitat conditions.</p> <p>c) Cooperate in the management of suitable habitat areas to promote species recovery.</p>	<p>b) Cooperate with Idaho Department of Fish and Game and USFWS to conduct regular species monitoring.</p> <p>c) Habitat management and species recovery:</p> <p style="padding-left: 20px;">i) Develop management plans for areas if populations are found on BLM lands.</p> <p style="padding-left: 20px;">ii) Cooperate with other agencies as they develop management plans for metapopulations. This may include efforts to re-establish northern Idaho ground squirrel populations in suitable habitat on BLM lands.</p> <p style="padding-left: 20px;">iii) Cooperate with others to identify barriers to population connectivity. Where possible, preserve and develop connecting areas that could serve as corridors between populations and patches of suitable habitat.</p>	<p>b) CFO in coordination with Idaho Department of Fish and Game regional office and USFWS</p> <p>c) CFO in coordination with Idaho Department of Fish and Game regional office (all actions)</p>
	<p>d) Participate in research essential to conservation of the species. Cooperate in determining specific limiting factors in terms of habitat needs and characteristics. Cooperate in population viability analyses to ensure that conservation criteria objectives are being met.</p>	<p>d) Take advantage of opportunities as they arise.</p>	<p>d) CFO in coordination with Idaho Department of Fish and Game regional office.</p>
	<p>e) If northern Idaho ground squirrels are discovered on BLM lands, implement BMPs for the northern Idaho ground squirrel, if such measures are developed by other agencies and would apply to BLM programs.</p>	<p>e) Implement BMPs as described, if needed.</p>	<p>e) CFO</p>

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	2) If northern Idaho ground squirrels are discovered on BLM lands, ensure that ongoing federal actions support or do not preclude species recovery.	2) Ongoing BLM activities: a) If found on BLM lands, review ongoing activities in areas with known populations and associated suitable habitat. b) Determine if direct or indirect negative impacts to the species or its habitat are occurring as a result of ongoing discretionary BLM actions. If so, modify the activity to avoid negative impacts and, if feasible, promote species recovery. c) Where needed, complete Section 7 consultation for ongoing activities that may affect this species and its habitat.	2) CFO (all actions)
	3) If northern Idaho ground squirrels are discovered on BLM lands, ensure that new federal actions support or do not preclude species recovery.	3) New BLM activities: a) Project-level inventories will be completed in suitable habitat during project planning if inventory information is not available or adequate. b) If direct or indirect negative impacts to known populations of this species are anticipated as a result of a new BLM action, prohibit the activity. If negative impacts to suitable habitat are anticipated as a result of new BLM actions, modify the activity to avoid negative impacts and, if feasible, promote species recovery. c) Where needed, complete Section 7 consultation for new activities that may affect this species and its habitat.	3) CFO (all actions)

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	4) Protect northern Idaho ground squirrels from disturbances that would preclude recovery during critical periods.	4) Avoid disturbing activities in areas with known populations during the above-ground activity season (late February to early October), and avoid ground-disturbing activities at all times of the year in areas with colonies of northern Idaho ground squirrels and in suitable habitat.	4) CFO
	5) Implement adaptive management as needed to achieve conservation objectives.	5) Conduct site-specific implementation and effectiveness monitoring. Adjust management as needed to ensure that management objectives are met.	5) CFO in coordination with Idaho Department of Fish and Game regional office.
	6) Support conservation easements, cooperative management efforts, and other programs on adjacent nonfederal lands to support recovery of the northern Idaho ground squirrel.	6) Take advantage of opportunities as they arise.	4) CFO
Air Resources	None	None	None
Soil and Water Resources: Riparian/Wetland Areas (includes weed management)	1) Activities within the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO and State Office
	2) Projects involving the application of pesticides (herbicides, insecticides, etc.) in wetland and riparian areas adjacent to areas with suitable northern Idaho ground squirrel habitat will be designed and implemented in accordance with the approach described in the	2) See Forest and Woodland Management (includes weed management) program section.	2) CFO in consultation with USFWS (all actions)

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	Forest and Woodland Management (includes weed management) program section.		
Upland Vegetation Management: Rangelands (includes weed management)	1) Activities within the Upland Vegetation Management: Rangelands (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery. As a part of promoting conservation, the goals are to support growth of forbs and grasses needed by the northern Idaho ground squirrel, to avoid negative impacts, or to minimize impacts if avoidance is not possible.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Projects involving the application of pesticides in forested areas and woodlands will be analyzed at the project level. Particular attention will be paid to avoiding impacts in forest openings that may be detrimental to northern Idaho ground squirrels and native grasses and forbs in the understory. Such projects will be designed and implemented in accordance with the approach described in the Forest and Woodland Management (includes weed management) program section so that native forbs and grass recruitment is not inhibited.	2) See Forest and Woodland Management (includes weed management) program section.	2) CFO

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Forest and Woodland Management and Forest Products (includes weed management)	1) Activities within the Forest and Woodland Management (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Projects involving the application of pesticides that may affect the species will be analyzed at the project level and designed such that pesticide applications will support conservation and recovery and minimize risks of exposure.	2) Site-specific stipulations will be developed locally using the following criteria: a) Evaluate the benefits and risks of vegetation treatment, including the following: application methods; pesticides, carriers, and surfactants used; needed treatment buffers; and use of non-chemical weed control (for example, bio-controls, hand pulling). If management objectives can be effectively accomplished using non-chemical methods, such is the preferred alternative. b) Apply appropriate spatial or temporal buffers to avoid species' exposure to harmful chemicals. c) Areas near populations of ground squirrels will be considered priority areas for exotic species and noxious weed control. d) Implement appropriate revegetation and weed control measures to reduce the risks of non-native species infestations following any ground/soil disturbing actions in or near known populations.	2) CFO (all actions)
	3) Conduct weed control programs in suitable habitat to restore native forbs and grasses	3) Aggressively control invasive non-native plants, which replace high-nutrition native	3) CFO

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	needed by the northern Idaho ground squirrel, particularly in areas adjacent to or near forested openings.	flora with low-nutrient exotic species. Assure that adequate forage is available for northern Idaho ground squirrels throughout weed control areas.	
	4) Protect suitable habitat from encroachment by woody species, and enhance identified restoration areas and connectivity corridors.	4) Habitat protection actions: a) Consider timber harvest or issuance of commercial firewood cutting permits where appropriate to connect populations and enhance habitat. As part of the permits and activities, encourage retention of downed logs. b) Reduce conifer encroachment into suitable meadow habitat.	4) CFO (all actions)
	5) Where needed and feasible, coordinate with adjacent land owners and local governments regarding control of invasive non-native plants through cooperative weed management programs.	5) Take advantage of opportunities as they arise.	3) CFO
Wildlife and Wildlife Habitat Management	1) Activities within the Wildlife and Wildlife Habitat Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO and State Office
	2) Coordinate with Idaho Department of Fish and Game to improve habitat conditions in areas providing suitable habitat for northern Idaho ground squirrels.	2) Coordinate and implement projects to improve quality and quantity of suitable habitat for northern Idaho ground squirrels, where appropriate.	2) CFO in cooperation with Idaho Department of Fish and Game

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Fish and Aquatic Habitat Management	1) Activities within the Fish and Aquatic Habitat Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Fire Management: Fire Suppression	<p>1) Activities within the Fire Management: Fire Suppression program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery. Human life and firefighter safety and property take priority over species protection.</p> <p>2) Fire suppression efforts will be conducted, as possible, to protect or conserve northern Idaho ground squirrel habitat. If this species is found on BLM lands, fire suppression efforts will be conducted, as possible, to protect northern Idaho ground squirrel habitat. Place a high priority on protecting known populations.</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p> <p>2) Fire management activities:</p> <p>a) Review Fire Management Plan for adequacy in addressing conservation measures. Modify the plan if needed.</p> <p>b) Apply MIST in suitable habitat, as appropriate. Consult with resource advisors to determine where MIST tactics should be applied to avoid or minimize negative impacts.</p> <p>c) Do not locate fire base camps, staging areas, fueling areas, or other related activities in or adjacent to known populations. Avoid locating fire base camps and staging areas in suitable habitat.</p>	<p>1) CFO</p> <p>2) Responsibilities follow:</p> <p>a) FMO and CFO</p> <p>b) FMO, Resource Advisor, and Incident Commander for fire</p> <p>c) FMO, Resource Advisor, and CFO</p>

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	3) As needed, coordinate with Forest Service and Idaho Department of Lands personnel regarding fire suppression activities in or near areas with known populations.	3) Ongoing interagency coordination.	3) FMO, with support from CFO Resource Advisor
Fire Management: Emergency Stabilization and Rehabilitation	1) Activities within the Fire Management: Emergency Stabilization and Rehabilitation program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery. Human life and firefighter safety and property take priority over species protection.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) If this species is found on BLM lands, implement Emergency Stabilization and Rehabilitation activities to promote northern Idaho ground squirrel habitat rehabilitation.	2) Emergency Stabilization and Rehabilitation activities: a) If needed and if natural recovery would not achieve habitat objectives, implement Emergency Stabilization and Rehabilitation activities to promote rehabilitation of suitable habitat. Design seed mixes that emphasize native grasses and forbs and would promote establishment of species needed to achieve suitable northern Idaho ground squirrel habitat, if natural recovery of such vegetation is doubtful. b) As needed, protect disturbed areas using temporary closures or other measures until grasses and forbs are re-established and self-sustaining.	2) CFO (all actions)

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	3) Fire rehabilitation projects involving the application of pesticides in suitable habitat will be analyzed and implemented in accordance with the approach described in the Forest and Woodland Management (includes weed management) program section.	3) See Forest and Woodland Management (includes weed management) program section.	3) CFO
Fire Management: Prescribed Fire	1) Activities within the Fire Management: Prescribed Fire program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Prescribed fire projects will be designed to conserve suitable northern Idaho ground squirrel habitat.	2) When developing and implementing prescribed fire plans, avoid or minimize negative impacts to suitable habitat. Use prescribed fire as a tool for assisting with species conservation, if such activities improve northern Idaho ground squirrel habitat (for example, to control conifer encroachment). Do not include known populations in prescribed fire plans.	2) CFO and FMO
	3) Protect suitable habitat from encroachment by woody species, and implement appropriate vegetation treatments within restoration areas as needed.	3) Reduce conifer encroachment into suitable habitat, where and when appropriate. Create additional suitable habitat by treating restoration areas.	3) CFO
Fire Management: Non-Fire Fuels Management	1) Activities within the Fire Management: Non-Fire Fuels Management program will implement relevant conservation measures as described in the Special Status Animal and	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>Plant Management program section to promote recovery.</p> <p>2) Implement projects involving the application of pesticides in accordance with the approach described in the Forest and Woodland Management (includes weed management) program section.</p> <p>3) Promote establishment of plant species needed to achieve suitable northern Idaho ground squirrel habitat.</p>	<p>2) See Forest and Woodland Management: (includes weed management) program section.</p> <p>3) Avoid non-fire fuels management projects in or adjacent to known populations, unless such projects would enhance species recovery. Implement protection measures to avoid negative effects to known populations. In suitable habitat, consider using seed mixes that emphasize native grasses and forbs and would promote establishment of species needed to achieve suitable northern Idaho ground squirrel habitat.</p>	<p>2) CFO</p> <p>3) CFO</p>
	<p>4) Protect suitable habitat from encroachment by woody species, and enhance identified restoration areas.</p>	<p>4) Habitat protection actions:</p> <p>a) Consider non-fire fuels treatments where appropriate to connect populations and enhance habitat. Dependent on site characteristics, treatments should provide for retention of adequate amounts of downed logs.</p> <p>b) Reduce conifer encroachment into suitable habitat.</p>	<p>4) CFO (all actions)</p>
<p>Fire Management: Community Assistance</p>	<p>1) Activities within the Fire Management: Community Assistance program will implement relevant conservation measures as described in the Special Status Animal and</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	<p>1) CFO</p>

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	Plant Management program section to promote recovery.		
	2) Follow all measures included throughout the Fire Management program sections.	2) See actions within Fire Management program sections. Incorporate into community assistance agreements.	2) CFO
Cultural Management	1) Activities within the Cultural Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Paleontology Management	1) Activities within the Paleontology Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Visual Resources	None	None	None
Livestock Grazing Management: Leases	1) Activities within Livestock Grazing Management: Leases program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage livestock grazing and trailing to promote suitable habitat conditions. Maintain and promote suitable habitat for the northern Idaho ground squirrel while implementing rangeland health standards and guidelines.	2) Permit or lease renewal actions: a) For review of ongoing actions, see Special Status Animal and Plant Management program section item (2). In unsurveyed suitable habitat, schedule surveys so northern Idaho ground squirrel occurrence information is available for standards and	2) CFO (all actions)

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>guidelines assessments associated with permit and lease renewals. Use the survey prioritization process in Special Status Animal and Plant Management program section 1(b).</p> <p>b) For new actions, see Special Status Animal and Plant Management program section item (3).</p> <p>c) As appropriate to avoid or minimize negative impacts, modify livestock grazing permits and leases.</p>	
	3) Promote restoration of suitable habitat following fire, fire rehabilitation, restoration treatments, or other major disturbances.	3) As needed, protect disturbed areas using temporary closures or other measures until the key northern Idaho ground squirrel habitat components are re-established and self-sustaining.	3) CFO
	4) Maintain regular compliance checks on grazing allotments with known populations to identify problems as soon as possible and take immediate corrective measures.	4) Ongoing, day-to-day BLM action.	4) CFO
Livestock Grazing Management: Livestock Management Facilities	1) Activities within the Livestock Grazing Management: Livestock Management Facilities program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage livestock facilities to promote maintenance of suitable northern Idaho ground	2) For review of ongoing actions, see Special Status Animal and Plant Management	2) CFO

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	squirrel habitat while implementing rangeland health standards and guidelines.	program section item (2). For new actions, see Special Status Animal and Plant Management program section item (3). As appropriate to avoid negative impacts, modify existing and avoid placement of new livestock facilities in northern Idaho ground squirrel habitat.	
Mineral Management: Locatable Minerals	1) Activities within the Mineral Management: Locatable Minerals program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Approve plans of operations or allow notice level operations so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) Approval of plans of operations and notice-level operations: a) For review of existing plans of operation and notice-level operations, see Special Status Animal and Plant Management program section item (2). To the extent allowed by law, modify plans of operation or notice-level operations that negatively impact suitable habitat. For notice-level operations, notify the operator that modifications to proposed activities will be required to avoid negative impacts. b) For new plans of operation and notice-level operations, see Special Status Animal and Plant Management program section item (3). To the extent allowed by law, avoid approving plans of operation or notice-level	2) CFO (all actions)

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Mineral Management: Saleable and Leasable Minerals	1) Activities within the Mineral Management: Saleable and Leasable Minerals program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	operations that negatively impact suitable habitat. For notice-level operations, notify the operator that modifications to proposed activities will be required to avoid negative impacts. If a plan of operations is to be approved in suitable habitat, apply stipulations to support or to not preclude species recovery. A notice will require modification by the operator until BLM determines that it will not result in undue or unnecessary degradation. 1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Approve development of saleable or leasable minerals so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) Approval of saleable and leasable minerals: a) For review of existing mineral leases, see Special Status Animal and Plant Management program section item (2). Modify existing mineral leases if negative impacts are occurring. b) For new sales or leases, see Special Status Animal and Plant Management program section item (3). Avoid development of saleable or leasable minerals in suitable habitat, if negative impacts are expected. If a	2) CFO (all actions)

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		minerals lease or sale is to be issued in suitable habitat, apply stipulations to support or to not preclude species recovery.	
Recreation Management	1) Activities within the Recreation Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Developed facilities (paved campgrounds, vault toilets, interpretive kiosks, etc.): Manage existing and new recreation facilities so as not to preclude species habitat conservation and recovery. This includes management of the physical facilities, as well as disturbances to the species resulting from human uses.	2) Management of existing and new facilities: a) For review of existing facilities, see Special Status Animal and Plant Management program section item (2). As appropriate to avoid negative impacts, modify existing facilities. b) For new facilities, or for expansion of uses or seasons of use at existing facilities, see Special Status Animal and Plant Management program section item (3). In addition, avoid development of new recreation facilities or expansion of existing facilities in or adjacent to suitable habitat, if negative impacts are anticipated.	2) CFO (all actions)
	3) Dispersed use areas (informal areas, including camping areas and tie-up areas for pack animals): Manage dispersed use sites so as not to preclude species habitat conservation. This includes limiting disturbances to the species resulting from human uses.	3) For review of ongoing activities, see Special Status Animal and Plant Management program section item (2). In addition, minimize human activity in and adjacent to areas with known populations. Close areas, either seasonally or year-round, as needed if negative impacts are occurring to	3) CFO

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		protect the species and its habitat, and post and monitor the closure.	
	4) Commercial and noncommercial recreation permits, including outfitter camps: Issue commercial and noncommercial recreation permits so as not to preclude species habitat conservation and recovery. This includes management of physical facilities (such as camps), as well as disturbances to the species resulting from human uses.	4) Issuance and review of existing and new permits: a) For review of existing permits, see Special Status Animal and Plant Management program section item (2). If needed, modify existing permits that negatively impact suitable habitat. b) For new permits, see Special Status Animal and Plant Management program section item (3). Avoid issuing recreation permits if negative impacts are expected. Consider the seasonal nature of the proposed activities, and whether this conflicts with northern Idaho ground squirrel recovery. Prohibit new recreation activities in areas that are adjacent to or within known populations, if negative impacts are expected.	4) CFO (all actions)
	5) Coordinate with the Idaho Department of Fish and Game to educate the public regarding the status and conservation of the northern Idaho ground squirrel to discourage recreational shooting.	5) In cooperation with Idaho Department of Fish and Game, consider seasonal closures to protect the northern Idaho ground squirrel from being shot. Take advantage of other educational and enforcement opportunities as they arise.	5) CFO, in cooperation with Idaho Department of Fish and Game and USFWS

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Transportation and Travel Management	1) Activities within the Transportation and Travel Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO and State Office
	2) Manage roads, OHV routes and areas, as well as non-motorized trails, so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) Review of existing and new roads, OHV routes and areas, and non-motorized trails: a) For existing roads, designated OHV routes and areas, and designated non-motorized trails, see Special Status Animal and Plant Management program section item (2). Modify routes near known populations if negative impacts are occurring. Evaluate the need for seasonal OHV use restrictions in or adjacent to suitable habitat and, if needed, implement restrictions to reduce disturbance. Seek opportunities to close and revegetate OHV routes or non-motorized trails and use areas in or adjacent to suitable habitat, if negative impacts are occurring. b) For new roads, OHV routes and areas, and non-motorized trails, see Special Status Animal and Plant Management program section item (3). Avoid constructing new roads, trails, routes, and areas if negative impacts are expected. Consider the seasonal nature of the proposed activities, and whether this conflicts with northern Idaho ground squirrel recovery needs. In particular,	

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		avoid opening new roads, trails, routes, and areas in or adjacent to suitable habitat.	
	3) Maintain regular compliance checks on OHV closures to protect known populations and to identify problems as soon as possible and take immediate corrective measures.	3) Ongoing, day-to-day BLM activities.	3) CFO
Lands and Realty Management: Land Tenure Adjustment (land sale, exchanges, withdrawals, etc.)	1) Activities within the Lands and Realty Management: Land Tenure Adjustment (land sale, exchanges, withdrawals, etc.) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Where feasible and funding is available, acquire through land exchange or purchase private with known populations or that could enhance habitat for northern Idaho ground squirrels.	2) Take advantage of opportunities as they arise. Priority should be given to lands that are adjacent to or near public lands.	2) CFO
	3) Retain habitat for northern Idaho ground squirrel (if found on BLM lands) in federal ownership unless such a transfer would result in a net benefit to the species.	3) Review each land tenure decision in terms of species habitat. Retain known populations in public ownership. Avoid the loss of suitable habitat from federal ownership. If property with known populations is to be transferred out of federal ownership, permanent conservation easements will be attached to the transfer or other measures will be taken that would result in equal or greater protection than under federal management. Such measures must be approved by the State Director.	3) CFO and State Office

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Lands and Realty Management: Land Use Permits and Leases	1) Activities within the Lands and Realty Management: Land Use Permits and Leases program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Issue new land use permits and leases so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) For new permits and renewal of existing permits, see Special Status Animal and Plant Management program section item (3). Prohibit issuing new permits or leases, and avoid renewing existing permits or leases, within or adjacent to known populations if negative impacts are expected. If a permit or lease is to be issued or re-issued in suitable habitat, apply stipulations to the permit that support or do not preclude species recovery and that avoid negative impacts.	2) CFO
Lands and Realty Management: Rights-of-Way	1) Activities within the Lands and Realty Management: Rights-of-Way program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Issue rights-of-way so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) For new rights-of-way and renewal of existing rights-of-way, see Special Status Animal and Plant Management program section item (3). In areas with known populations, do not issue new rights-of-way if negative impacts are expected. In suitable	2) CFO

Table F-2
Northern Idaho Ground Squirrel (*Spermophilus brunneus brunneus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Special Designation Area Management	1) Activities within the Special Designation Area Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	habitat, only issue or re-issue rights-of-way with stipulations to avoid negative impacts to northern Idaho ground squirrel habitat. 1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) If this species is found on BLM lands, explore the potential for new designations that would enhance species recovery.	2) If the species is found, seek opportunities to create appropriate protective designations.	1) CFO

Table F-3

Sockeye Salmon (*Oncorhynchus nerka*), Fall Chinook Salmon (*Oncorhynchus tshawytscha*), Spring/Summer Chinook Salmon (*Oncorhynchus tshawytscha*), Steelhead Trout (*Oncorhynchus mykiss*), and Bull Trout (*Salvelinus confluentus*) – Management, Conservation, and Restoration Measures

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
<p>Special Status Fish Management Note: Common to All Programs</p>	<p>In addition to pertinent recovery plan actions, the conservation measures contained throughout this table implement important elements for sockeye salmon, fall chinook salmon, spring/summer chinook salmon, steelhead trout, and bull trout recovery. The conservation measures reflect the BLM’s commitment to support species recovery.</p> <p>1) In cooperation with National Marine Fisheries Service, USFWS, Idaho Department of Fish and Game, Tribes, Forest Service, and others:</p> <p>a) Continue to cooperate in determining the distribution of populations and suitable habitats.</p> <p>b) Following acceptable monitoring protocols, continue to cooperate in monitoring for species presence, population status, and habitat</p>	<p>The implementation actions reflect the BLM’s commitment to support species recovery and meet Endangered Species Act objectives. Actions apply to BLM lands and activities only.</p> <p>1) Following actions to be completed in cooperation with others:</p> <p>a) Mapping and data inventory:</p> <p>i) Use CFO, Idaho Department of Fish and Game, Tribes, National Marine Fisheries Service, USFWS, Forest Service, and other data to identify, record, and map known populations and suitable habitat on BLM lands.</p> <p>ii) Maintain a spatial database of species population and habitat information for BLM lands.</p> <p>iii) Participate in surveys and map new fish distribution as found. Systematic inventories will continue to be conducted in cooperation with other agencies.</p> <p>b) Cooperate with Idaho Department of Fish and Game, Tribes, National Marine Fisheries Service, USFWS, and Forest Service to conduct</p>	<p>1) As stated below:</p> <p>a) CFO, in coordination with Idaho Department of Fish and Game, Tribes, National Marine Fisheries Service, USFWS, and Forest Service (all actions)</p>

Table F-3

Sockeye Salmon (*Oncorhynchus nerka*), Fall Chinook Salmon (*Oncorhynchus tshawytscha*), Spring/Summer Chinook Salmon (*Oncorhynchus tshawytscha*), Steelhead Trout (*Oncorhynchus mykiss*), and Bull Trout (*Salvelinus confluentus*) – Management, Conservation, and Restoration Measures (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>condition on a regular basis.</p> <p>c) Participate in research essential to recovery of the species. Cooperate in determining specific limiting factors in terms of habitat needs and characteristics.</p> <p>d) Cooperate in the management and improvement of watershed, riparian, and aquatic habitat to promote species recovery.</p> <p>e) Working with other agencies, compile a general list of BMPs that would apply to all programs, to the extent that such a list would assist with species and aquatic and riparian habitat conservation. The intent of implementing BMPs is to avoid or minimize negative impacts.</p> <hr/> <p>2) Ensure that ongoing federal actions support or do not impede species recovery in the long term.</p>	<p>regular monitoring of populations and habitat conditions on BLM lands. See Appendix H – Desired Conditions and Watershed and Aquatic Condition Indicators for desired condition of watershed and aquatic condition indicators. Acceptable monitoring methods would be adaptive and include protocols that have been generally accepted by state, federal, and tribes to document existing desired conditions.</p> <p>c) The BLM will participate as funding allows.</p> <p>d) Where appropriate, update or develop management plans for suitable habitat, particularly in areas with known populations, with emphasis in restoration watersheds (see Appendix B – Conservation and Restoration Watersheds).</p> <p>e) BMPs:</p> <ul style="list-style-type: none"> i) CFO will coordinate with Idaho Department of Fish and Game, Tribes, National Marine Fisheries Service, USFWS, and Forest Service in the development of BMPs. ii) CFO to implement BMPs. <hr/> <p>2) Ongoing BLM activities:</p> <p>a) Review ongoing activities in locations that have the potential to affect known</p>	<p>2) CFO, in coordination with National Marine Fisheries Service,</p>

Table F-3

Sockeye Salmon (*Oncorhynchus nerka*), Fall Chinook Salmon (*Oncorhynchus tshawytscha*), Spring/Summer Chinook Salmon (*Oncorhynchus tshawytscha*), Steelhead Trout (*Oncorhynchus mykiss*), and Bull Trout (*Salvelinus confluentus*) – Management, Conservation, and Restoration Measures (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>populations.</p> <p>b) Determine if direct or indirect negative impacts that affect population size or recovery are occurring as a result of ongoing discretionary BLM actions. If so, modify the activity to avoid or minimize negative impacts so it causes no downward trend in populations or its habitats and, where feasible, promote species recovery. See Appendix D – Aquatic and Riparian Management Strategy for additional management direction.</p> <p>c) Where needed, complete Section 7 consultation for ongoing activities that may affect the species and its riparian and aquatic habitats.</p>	<p>USFWS, Idaho Department of Fish and Game, and Tribes (all actions)</p>
	<p>3) Ensure that new federal actions support or do not preclude species recovery.</p>	<p>3) New BLM activities:</p> <p>a) Project-level inventories and monitoring will be completed in suitable habitat during project planning if inventory information is not available or adequate.</p> <p>b) If direct or indirect negative impacts to the species or its habitat are anticipated as a result of new BLM actions, modify the activity to avoid or minimize negative impacts and, where feasible, promote species recovery. See Appendix D – Aquatic and Riparian Management Strategy for additional management direction.</p> <p>c) Avoid implementing activities that have the potential to adversely impact suitable habitat</p>	<p>3) CFO, in coordination with National Marine Fisheries Service, USFWS, Idaho Department of Fish and Game, and Tribes (all actions)</p>

Table F-3

Sockeye Salmon (*Oncorhynchus nerka*), Fall Chinook Salmon (*Oncorhynchus tshawytscha*), Spring/Summer Chinook Salmon (*Oncorhynchus tshawytscha*), Steelhead Trout (*Oncorhynchus mykiss*), and Bull Trout (*Salvelinus confluentus*) – Management, Conservation, and Restoration Measures (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>for species or result in “take”. It is acknowledged that short term adverse impacts to aquatic habitat and species may occur (even for desired restoration projects); such activities may be acceptable if they do not impede long term achievement of desired conditions and recovery for the species. d) Where needed, complete Section 7 consultation for new activities that may affect species and aquatic habitats.</p>	
	<p>4) Implement adaptive management as needed to achieve recovery objectives.</p>	<p>4) Conduct site-specific implementation and effectiveness monitoring. Adjust management as needed to ensure that management objectives are met. See Appendix H – Desired Conditions and Watershed and Aquatic Condition Indicators.</p>	<p>4) CFO</p>
	<p>5) Support land exchanges and acquisitions, conservation easements, cooperative management efforts, and other programs on adjacent nonfederal lands to support recovery for listed species.</p>	<p>5) Take advantage of opportunities as they arise.</p>	<p>5) CFO</p>
<p>Vegetation – Riparian and Wetlands Resources: (includes weed management)</p>	<p>1) Activities within Vegetation – Riparian and Wetlands Resources: (includes weed management) program will implement relevant conservation measures as described in the Special Status Fish Management program section to promote recovery. As a part of recovery, the goals are to promote desired conditions (proper functioning and good</p>	<p>1) Apply relevant conservation measures from the Special Status Fish Management program section at the beginning of this table.</p>	<p>1) CFO</p>

Table F-3

Sockeye Salmon (*Oncorhynchus nerka*), Fall Chinook Salmon (*Oncorhynchus tshawytscha*), Spring/Summer Chinook Salmon (*Oncorhynchus tshawytscha*), Steelhead Trout (*Oncorhynchus mykiss*), and Bull Trout (*Salvelinus confluentus*) – Management, Conservation, and Restoration Measures (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	condition riparian and wetland habitats) in watersheds with listed fish and to avoid negative impacts, or to minimize impacts if avoidance is not possible.		
	2) Projects involving the application of pesticides (herbicides, insecticides, etc.) that may affect the species will be analyzed at the project level and designed such that pesticide applications will support recovery and minimize risks of exposure.	2) Site-specific stipulations will be developed locally using the following criteria: a) Evaluate the benefits and risks of vegetation treatment, including the following: application methods; pesticides, carriers, and surfactants used; needed treatment buffers; and use of non-chemical weed control (for example, bio-controls, hand pulling). If management objectives can be effectively accomplished using non-chemical methods, such is the preferred alternative. b) Apply appropriate spatial and temporal buffers to avoid species' exposure to harmful chemicals. c) Implement appropriate revegetation and weed control measures to reduce the risks of non-native species infestations following any ground/soil disturbing actions in or near suitable habitat. d) Use least toxic chemicals to accomplish vegetation treatment objectives.	2) CFO in consultation with National Marine Fisheries Service and USFWS (all actions)
	3) Where needed and feasible, coordinate with adjacent land owners and local governments through cooperative riparian restoration management programs.	3) Take advantage of opportunities as they arise.	3) CFO

Table F-3

Sockeye Salmon (*Oncorhynchus nerka*), Fall Chinook Salmon (*Oncorhynchus tshawytscha*), Spring/Summer Chinook Salmon (*Oncorhynchus tshawytscha*), Steelhead Trout (*Oncorhynchus mykiss*), and Bull Trout (*Salvelinus confluentus*) – Management, Conservation, and Restoration Measures (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	4) Conserve and restore riparian vegetation in watersheds providing habitat for federally listed fish.	4) Management actions: a) Emphasize riparian restoration efforts in watersheds identified in Appendix B (Conservation and Restoration Watersheds). Riparian and aquatic restoration opportunities would also be promoted where opportunities exists or in partnership with others. b) See Appendix D (Aquatic and Riparian Management Strategy) and Appendix H (Desired Conditions and Watershed and Aquatic Condition Indicators) for appropriate management direction and desired conditions.	4) CFO (all actions)
Aquatic Resources, Fish, and Special Status Fish Management	1) Activities within the Aquatic Resources, Fish, and Special Status Fish Management program will implement relevant conservation measures as described in the Special Status Fish Management program to promote recovery. 2) Implement appropriate actions and activities to promote species recovery and good quality (proper functioning) riparian and aquatic habitats.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table. 2) Coordinate and implement management actions to improve riparian and aquatic habitats and species recovery. See Appendix B -Conservation and Restoration Watersheds, Appendix D -Aquatic and Riparian Management Strategy, and Appendix H – Desired Conditions and Watershed and Aquatic Condition Indicators for additional direction, strategy, and desired conditions.	1) CFO 2) CFO, Idaho Department of Fish and Game, Tribes, National Marine Fisheries Service, USFWS, and Forest Service.

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
<p>Special Status Animal and Plant Management Note: Common to All Programs</p>	<p>The conservation measures contained throughout this table implement important elements included in the Recovery Plans for the MacFarlane’s four-o’clock and Spalding’s catchfly. The conservation measures reflect the BLM’s commitment to support species recovery and meet Endangered Species Act objectives.</p> <p>1) In cooperation with Idaho Department of Fish and Game Conservation Data Center, USFWS, and others:</p> <p>a) Cooperate to develop consistent interagency inventory and monitoring methods, or use established USFWS protocols.</p> <p>b) Cooperate to identify and map populations and suitable habitats. Participate in surveys within suitable habitats, and map new populations as found.</p>	<p>The implementation actions reflect the BLM’s commitment to support species recovery and meet Endangered Species Act objectives. Actions apply to BLM lands and activities only. Habitat terms used throughout this document are defined in Appendix G: Species-Specific Habitat Definitions.</p> <p>1) Following actions to be completed in cooperation with others:</p> <p>a) Cooperate in the development of interagency inventory methods and data standards for mapping or database management.</p> <p>b) Surveys, mapping, and data management:</p> <p>i) Cooperate with Conservation Data Center and USFWS to record and map all plant occurrences, known populations, high-priority habitat areas, and suitable habitat for BLM lands.</p> <p>ii) The BLM’s objective will be to systematically inventory 2,000 acres of MacFarlane’s four-o’clock and 2,000 acres of Spalding’s catchfly suitable habitat per year. The amount of habitat to be surveyed each year will be based on available annual funding.</p>	<p>1) As stated below:</p> <p>a) CFO, in coordination with Conservation Data Center, USFWS, and other partners</p> <p>b) CFO, in coordination with Conservation Data Center and USFWS (all actions)</p>

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (*continued*)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>If funding permits, the CFO will target a systematic inventory of additional areas of the suitable habitat annually with a goal of surveying all suitable habitats for MacFarlane’s four-o’clock and Spalding’s catchfly within five years. Prioritize surveys and inventories to address areas of suitable habitat with a high likelihood of species occurrence. Inventories should be scheduled to complement other program needs such as the grazing permit or lease renewal schedule.</p> <p>iii) In cooperation with Conservation Data Center, maintain a spatial database of species population and habitat information for BLM lands.</p>	
	c) Following current monitoring protocols, cooperate in monitoring MacFarlane’s four-o’clock and Spalding’s catchfly population trends and habitat conditions.	c) Conduct regular monitoring of populations on BLM lands.	c) CFO
	d) Cooperate in the management of high-priority habitat areas and populations to promote species recovery.	d) Update or develop ACEC plans or other implementation-level plans as needed.	d) CFO in coordination with USFWS.
	e) Participate in research essential to recovery of the species. Cooperate in determining specific limiting factors in terms of habitat needs and characteristics. Cooperate in population viability analyses to ensure that recovery criteria objectives are being met.	e) The BLM will participate as funding allows.	e) CFO in coordination with Conservation Data Center and USFWS.

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>f) Support seed banks in a long-term seed storage facility.</p> <p>g) Working with other agencies, compile a general list of BMPs that would apply to all programs, to the extent that such a list would assist with consultation and species recovery. The intent of implementing BMPs is to avoid or minimize negative impacts.</p> <p>h) Support the establishment and maintenance of new populations in suitable MacFarlane’s four-o’clock and Spalding’s catchfly habitat. The goal of these activities is to maintain or enhance viable populations.</p>	<p>f) As needed, provide funding to a suitable repository to support a seed bank.</p> <p>g) BMPs: i) Coordinate development of BMPs with CFO and USFWS. ii) CFO to implement BMPs.</p> <p>h) Maintain and conserve the population of MacFarlane’s four-o’clock (BLM transplants) at Lucile Caves (designated ACEC/RNA), and develop two additional experimental transplant sites as funding allows to support recovery for the species. Investigate the feasibility and development of new Spalding’s catchfly populations through plantings as funding allows. Provide for protection and conservation of established populations to support recovery for the species.</p>	<p>f) CFO and State Office</p> <p>g) Responsibilities: i) CFO and USFWS ii) CFO</p> <p>h) CFO in coordination with and USFWS</p>
	<p>2) Ensure that ongoing federal actions support or do not preclude species recovery.</p>	<p>2) Ongoing BLM activities: a) As needed, review ongoing activities in high-priority habitat areas where local consultation has not yet been completed. b) Determine if direct or indirect negative impacts to the species or its habitat are occurring as a result of ongoing discretionary BLM actions. If so, modify the activity to avoid or minimize anticipated negative impacts and, where feasible, promote species</p>	<p>2) CFO (all actions)</p>

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		recovery. c) Where needed, complete Section 7 consultation for ongoing activities that may affect this species and its habitat.	
	3) Ensure that new federal actions support or do not preclude species recovery.	3) New BLM activities: a) Project-level inventories will be completed in suitable habitat during project planning if inventory information is not available or adequate. b) If direct or indirect negative impacts to the species or its habitat are anticipated as a result of new BLM actions, modify the activity to avoid or minimize anticipated negative impacts and, where feasible, promote species recovery. c) Where needed, complete Section 7 consultation for new activities that may affect this species and its habitat.	3) CFO (all actions)
	4) Implement adaptive management as needed to achieve conservation objectives.	4) Conduct site-specific implementation and effectiveness monitoring. Adjust management as needed to ensure that management objectives are met.	4) CFO
	5) Support conservation easements, cooperative management efforts, and other programs on adjacent nonfederal lands to support recovery of MacFarlane’s four-o’clock and Spalding’s catchfly.	5) Take advantage of opportunities as they arise.	5) CFO
Air Resources	None	None	None

Table F-4
MacFarlane's Four-O'clock (*Mirabilis macfarlanei*) and Spalding's catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Soil and Water Resources: Riparian/Wetland Areas (includes weed management)	1) Activities within the Soil and Water Resources: Riparian/Wetlands Areas (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Projects involving the application of pesticides (herbicides, insecticides, etc.) in wetland and riparian areas adjacent to grasslands with suitable MacFarlane's four-o'clock and Spalding's catchfly habitat will be designed and implemented in accordance with the approach described in the Upland Vegetation Management: Rangelands (includes weed management) program section.	2) See Upland Vegetation Management: Rangelands (includes weed management) program section.	2) CFO in consultation with USFWS (all actions)
Upland Vegetation Management: Rangelands (includes weed management)	1) Activities within the Upland Vegetation Management: Rangelands (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery. As a part of promoting recovery, the goals are to promote habitat conservation, to avoid negative impacts, or to minimize impacts if avoidance is not possible.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Projects involving the application of pesticides that may affect the species will be analyzed at the project level and designed such that pesticide applications will support	2) Site-specific stipulations will be developed locally using the following criteria: a) Evaluate the benefits and risks of vegetation treatment including the following:	2) CFO in consultation with USFWS (all actions)

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	conservation and recovery and minimize risks of exposure.	<p>application methods; pesticides, carriers, and surfactants used; needed treatment buffers; and use of non-chemical weed control (for example, bio-controls, hand pulling). If management objectives can be effectively accomplished using non-chemical methods, such is the preferred alternative.</p> <p>b) Apply appropriate spatial and temporal buffers to avoid species’ exposure to harmful chemicals.</p> <p>c) Emphasize eradication of competing non-natives in high-priority habitat areas as a top priority.</p> <p>d) Implement appropriate revegetation and weed control measures to reduce the risks of non-native species infestations following any ground/soil disturbing actions in or near known populations.</p>	
	3) Where needed and feasible, coordinate with adjacent land owners and local governments regarding control of invasive plants in upland areas through cooperative weed management programs. One of the BLM’s priorities within the cooperative weed management program will be protection of listed and candidate plants on BLM lands.	3) Take advantage of opportunities as they arise.	3) CFO

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Forest and Woodland Management and Forest Products (includes weed management)	1) Activities within the Forest and Woodland Management (includes weed management) program will implement relevant conservation measures as described in Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Projects involving the application of pesticides in forested areas and woodlands adjacent to suitable MacFarlane’s four-o’clock and Spalding’s catchfly habitat will be designed and implemented in accordance with the approach described in the Upland Vegetation Management: Rangelands (includes weed management) program section.	2) See Upland Vegetation Management: Rangelands (includes weed management) program section.	2) CFO
Wildlife and Wildlife Habitat Management	1) Activities within the Wildlife and Wildlife Habitat Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO and State Office
Fish and Aquatic Habitat Management	1) Activities within the Fish and Aquatic Habitat Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Fire Management: Fire Suppression	1) Activities within the Fire Management: Fire Suppression program will implement relevant conservation measures as described in the Special Status Animal and Plant	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>Management program section to promote recovery. Human life and firefighter safety and property take priority over species protection.</p> <p>2) Fire suppression efforts will be conducted, as possible, to protect MacFarlane’s four-o’clock and Spalding’s catchfly habitat. Place a high priority on protecting suitable habitat.</p> <p>3) As needed, coordinate with Forest Service and Idaho Department of Lands personnel regarding fire suppression activities in or near suitable habitat.</p>	<p>2) Fire management activities:</p> <p>a) Review Fire Management Plan for adequacy in addressing conservation measures. Modify the plan if needed.</p> <p>b) Apply MIST in suitable habitat, as appropriate. Consult with resource advisors to determine where MIST tactics should be applied to avoid or minimize negative impacts.</p> <p>c) Do not locate fire base camps, staging areas, and fueling areas within known populations. Avoid these and other related activities in or adjacent to high-priority habitat areas if negative impacts may occur.</p> <p>3) Ongoing interagency coordination.</p>	<p>2) Responsibilities follow:</p> <p>a) FMO and CFO</p> <p>b) FMO and/or Resource Advisor and Incident Commander for fire</p> <p>c) FMO and CFO</p> <p>3) FMO, with support from CFO resource advisor</p>
<p>Fire Management: Emergency Stabilization and Rehabilitation</p>	<p>1) Activities within the Fire Management: Wildland Fire Use program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.</p> <p>2) Implement projects involving the application of pesticides in accordance with the approach described in Upland Vegetation</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p> <p>2) See Upland Vegetation Management: Rangelands (includes weed management) program section.</p>	<p>1) CFO</p> <p>2) CFO</p>

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>Management: Rangelands (includes weed management) program section.</p> <p>3) Promote establishment of habitats that support MacFarlane’s four-o’clock and Spalding’s catchfly populations.</p>	<p>3) Avoid non-fire fuels management projects in or near known populations, unless such projects would enhance species recovery or are necessary for hazardous fuels reduction near the urban interface. Implement protection measures to avoid or minimize negative impacts to known populations. In suitable habitat, design native seed mixes that emphasize local stock and would promote species recovery.</p>	<p>3) CFO</p>
<p>Fire Management: Wildland Fire Use</p>	<p>1) Activities within the Fire Management: Wildland Fire Use program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.</p> <p>2) Wildland fire use projects (where allowed) will be designed to conserve suitable habitat.</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p> <p>2) When developing wildland fire use plans, avoid burning suitable habitat, and develop appropriate burn prescriptions that maximize the conservation of suitable habitat for MacFarlane’s four-o’clock and Spalding’s catchfly.</p>	<p>1) CFO</p> <p>2) CFO</p>
<p>Fire Management: Prescribed Fire</p>	<p>1) Activities within the Fire Management: Prescribed Fire program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	<p>1) CFO</p>

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	2) Prescribed fire projects will be designed to conserve or restore suitable MacFarlane’s four-o’clock and Spalding’s catchfly habitat.	2) When developing and implementing prescribed fire plans, avoid or minimize negative impacts to suitable habitat, and use prescribed fire as a tool for assisting with species conservation.	2) CFO and FMO
Fire Management: Non-Fire Fuels Management	1) Activities within the Fire Management: Non-Fire Fuels Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Implement projects involving the application of pesticides in accordance with the approach described in the Upland Vegetation Management: Rangelands (includes weed management) program section.	2) See Upland Vegetation management: Rangelands (includes weed management) program section.	2) CFO
	3) Promote establishment of habitats that support MacFarlane’s four-o’clock and Spalding’s catchfly populations.	3) Avoid non-fire fuels management projects in or near known populations, unless such projects would enhance species recovery or are necessary for hazardous fuels reduction near the urban interface. Implement protection measures to avoid or minimize negative impacts to known populations. In suitable habitat, design native seed mixes that emphasize local stock and would promote species recovery.	2) CFO
Fire Management: Community Assistance	1) Activities within the Fire Management: Community Assistance program will	1) Apply relevant conservation measures from the Special Status Animal and Plant	1) CFO

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	Management program section at the beginning of this table.	
	2) Follow all measures included throughout the Fire Management program sections.	2) See actions within Fire Management program sections. Incorporate into community assistance agreements.	2) CFO
Cultural Management	1) Activities within the Cultural Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Paleontology Management	1) Activities within the Paleontology Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Visual Resources	None	None	None
Livestock Grazing Management: Leases	1) Activities within the Livestock Grazing Management: Leases program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage livestock grazing and trailing to promote suitable habitat conditions. Maintain or enhance suitable habitat for MacFarlane’s four-o’clock and Spalding’s catchfly while implementing rangeland health standards and	2) Lease renewal actions: a) For review of ongoing actions, see Special Status Animal and Plant Management program section item (2). In unsurveyed suitable habitat, schedule surveys so	2) CFO

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	guidelines.	occurrence information is available for standards and guidelines assessments associated with lease renewals. Use the survey prioritization process in Special Status Animal and Plant Management program section 1(b). b) For new actions, see Special Status Animal and Plant Management program section item (3). c) As appropriate to avoid or minimize negative impacts, modify livestock grazing permits and leases.	
	3) Promote restoration of suitable habitat following fire, fire rehabilitation, restoration treatments, or other major disturbances.	3) As needed, protect disturbed areas using temporary closures or other measures until the risk of erosion or other impacts has passed and habitat components are re-established and self-sustaining.	3) CFO
	4) Maintain regular compliance checks on grazing allotments with known populations to identify problems as soon as possible and take immediate corrective measures.	4) Ongoing, day-to-day BLM action.	4) CFO
Livestock Grazing Management: Livestock Management Facilities	1) Activities within the Livestock Grazing Management: Livestock Management Facilities program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage livestock facilities to promote maintenance of suitable MacFarlane’s four-	2) For review of ongoing actions, see Special Status Animal and Plant Management	2) CFO

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	o’clock and Spalding’s catchfly habitat while implementing rangeland health standards and guidelines.	program section item (2). For new actions, see Special Status Animal and Plant Management program section item (3). As appropriate to avoid or minimize negative impacts, modify existing and avoid placement of new livestock facilities in high-priority habitat areas.	
Mineral Management: Locatable Minerals	1) Activities within the Mineral Management: Locatable Minerals program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Approve plans of operations or allow notice level operations so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) Approval of plans of operations and notice-level operations: a) For review of existing plans of operation and notice-level operations, see Special Status Animal and Plant Management program section item (2). To the extent allowed by law, modify plans of operation or notice-level operations that may have negative impacts on the species or its habitat. For notice-level operations, notify the operator that modifications to proposed activities will be required to avoid negative impacts. b) For new plans of operation and notice-level operations, see Special Status Animal and Plant Management program section item (3). To the extent allowed by law, avoid approving plans of operation or notice-level	2) CFO

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>operations that may have negative impacts on the species or its habitat. For notice-level operations, notify the operator that modifications to proposed activities will be required to avoid negative impacts. If a plan of operations is to be approved in or adjacent to high-priority habitat areas, apply stipulations to support or to not preclude species recovery. A notice will require modification by the operator until BLM determines that it will not result in undue or unnecessary degradation.</p>	
<p>Mineral Management: Saleable and Leasable Minerals</p>	<p>1) Activities within the Mineral Management: Saleable and Leasable Minerals program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	<p>1) CFO</p>
	<p>2) Approve development of saleable or leasable minerals so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.</p>	<p>2) Approval of saleable and leasable minerals: a) For review of existing mineral leases, see Special Status Animal and Plant Management program section item (2). Modify existing mineral leases if negative impacts are occurring. b) For new sales or leases, see Special Status Animal and Plant Management program section item (3). Avoid development of saleable or leasable minerals in or adjacent to high-priority habitat areas if negative impacts are expected. If a minerals lease or sale is to be issued in or adjacent to high-priority</p>	<p>2) CFO</p>

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		habitat areas, apply stipulations to support or to not preclude species recovery. A notice will require modification by the operator until the BLM determines that it will not result in undue or unnecessary degradation.	
Recreation Management	1) Activities within the Recreation Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Developed facilities (boat access, paved campgrounds, vault toilets, interpretive kiosks, etc.): Manage existing and new recreation facilities so as to not preclude species habitat conservation. This includes management of the physical facilities, as well as disturbances to the species resulting from human uses.	2) Management of existing and new facilities: a) For review of existing facilities see Special Status Animal and Plant Management program section item (2). As appropriate to avoid or minimize negative impacts, modify existing facilities. b) For new facilities, or for expansion of uses or seasons of use at existing facilities, see Special Status Animal and Plant Management program section item (3). In addition, avoid development of new recreation facilities or expansion of existing facilities in or adjacent to high-priority habitat areas if negative impacts are anticipated.	2) CFO
	3) Dispersed use areas (informal areas, including camping areas and tie-up areas for pack animals and boats): Manage dispersed use sites so as not to preclude species habitat conservation and recovery. This includes limiting disturbances to the species resulting	3) For review of ongoing activities, see Special Status Animal and Plant Management program section item (2). In addition, minimize human activity in and adjacent to high-priority habitat areas if negative impacts are occurring. Close areas,	3) CFO

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	from human uses.	either seasonally or year-round, as needed to protect the species and its habitat, and post and monitor the closure.	
	4) Commercial and noncommercial recreation permits, including outfitter camps: Issue commercial and noncommercial recreation permits so as not to preclude species habitat conservation. This includes management of physical facilities (such as camps), as well as disturbances to the species resulting from human uses.	4) Issuance and review of existing and new permits: a) For review of existing permits, see Special Status Animal and Plant Management program section item (2). If needed, modify existing permits that conflict with providing suitable habitat conditions. b) For new permits, see Special Status Animal and Plant Management program section item (3). Avoid issuing recreation permits if negative impacts are expected. In particular, avoid permitting new recreation activities in high-priority areas. If a recreation permit is to be issued, apply stipulations to the permit to support or to not preclude species conservation and recovery.	
Transportation and Travel Management	1) Activities within the Recreation Management: Travel Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage roads, OHV routes and areas, as well as non-motorized trails, so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species	2) Review of existing and new roads, OHV routes, and areas and non-motorized trails: a) For existing roads, designated OHV routes and areas, and designated non-motorized	2) CFO (all actions)

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	resulting from human uses.	trails, see Special Status Animal and Plant Management program section item (2). Modify routes in and adjacent to high-priority habitat areas if negative impacts are occurring. Implement restrictions to reduce disturbance. Seek opportunities to close and revegetate OHV routes or non-motorized trails and use areas in and adjacent to high-priority habitat areas if negative impacts are occurring. b) For new roads, OHV routes and areas, and non-motorized trails, see Special Status Animal and Plant Management program section item (3). Avoid constructing new roads, trails, routes, and areas if negative impacts are expected. In particular, avoid opening new roads, trails, routes, and areas in and adjacent to high-priority habitat areas.	
	3) Maintain regular compliance checks on OHV closures to protect known populations and to identify problems as soon as possible and take immediate corrective measures.	3) See Special Status Animal and Plant Management program section item (2).	3) CFO
Lands and Realty Management: Land Tenure Adjustment (land sale, exchanges, withdrawals, etc.)	1) Activities within the Lands and Realty Management: Land Tenure Adjustment (land sale, exchanges, withdrawals, etc.) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Where feasible and funding is available, acquire through land exchange or purchase	2) Take advantage of opportunities as they arise. Priority should be given to lands that	2) CFO

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	private lands that support known populations.	are adjacent to or near public lands and/or a population occurring on BLM and private lands.	
	3) Retain occupied habitat for MacFarlane’s four-o’clock and Spalding’s catchfly in federal ownership unless such a transfer would result in a net benefit to the species.	3) Review each land tenure decision in terms of species habitat. Avoid the loss of known populations from federal ownership. If property with known populations is to be transferred out of federal ownership, permanent conservation easements will be attached to the transfer or other measures will be taken that would result in equal or greater protection than under federal management. Such measures must be approved by the State Director.	2) CFO and State Office
Lands and Realty Management: Land Use Permits and Leases	1) Activities within the Lands and Realty Management: Land Use Permits and Leases program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Issue new land use permits and leases and review existing permits and leases at renewal so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) For new permits and renewal of existing permits, see Special Status Animal and Plant Management program section item (3). Avoid issuing new permits or leases, or renewing existing permits or leases, within or adjacent to high-priority habitat areas if negative impacts are expected. If a permit or lease is to be issued or re-issued in such areas, apply stipulations to the permit that support or do not preclude species recovery	2) CFO

Table F-4
MacFarlane’s Four-O’clock (*Mirabilis macfarlanei*) and Spalding’s catchfly (*Silene spaldingii*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		and that avoid or minimize negative impacts.	
Lands and Realty Management: Rights-of-Way	1) Activities within the Lands and Realty Management: Rights-of-Way program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Issue new rights-of-way and review existing rights-of-way at renewal so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) For new rights-of-way and renewal of existing rights-of-way (applying to areas within suitable habitat), see Special Status Animal and Plant Management program section items (2) and (3). Avoid issuing rights-of-way, or renewing existing rights-of-way, within or adjacent to high-priority habitat areas if negative impacts are expected. In these areas, re-issue exiting right-of-way with stipulations to minimize negative impacts. In suitable habitat, only issue or re-issue rights-of-way with stipulations to avoid negative impacts to MacFarlane’s four-o’clock or Spalding catchfly habitat.	2) CFO
Special Designation Area Management	1) Activities within the Special Designation Area Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Explore the potential for new designations that would enhance species recovery.	2) Take advantage of opportunities as they arise.	1) CFO

Table F-5
Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
<p>Special Status Animal and Plant Management Note: Common to All Programs</p>	<p>The conservation measures contained throughout this table implement important elements for yellow-billed cuckoo conservation. The conservation measures reflect the BLM's commitment to support species conservation.</p> <p>1) In cooperation with Idaho Department of Fish and Game, Tribes, USFWS, and others:</p> <p>a) Continue to cooperate in determining the distribution of populations and suitable habitats.</p> <p>b) Following current monitoring protocols, continue to cooperate in monitoring for species presence on a regular basis.</p> <p>c) Participate in research essential to conservation of the species. Cooperate in determining specific limiting factors in terms of habitat needs and characteristics.</p>	<p>The implementation actions reflect the BLM's commitment to support species recovery and meet Endangered Species Act objectives. Actions apply to BLM lands and activities only. Habitat terms used throughout this document are defined in Appendix G: Species-Specific Habitat Definitions.</p> <p>1) Following actions to be completed in cooperation with others:</p> <p>a) Mapping and data inventory:</p> <p style="margin-left: 20px;">i) Use Idaho Department of Fish and Game, Conservation Data Center, USFWS, and other data to identify, record, and map known populations and suitable habitat on BLM lands.</p> <p style="margin-left: 20px;">ii) Maintain a spatial database of species population and habitat information for BLM lands.</p> <p style="margin-left: 20px;">iii) Participate in surveys and map new populations as found. Systematic inventories will continue to be conducted in cooperation with other agencies.</p> <p>b) Cooperate with Idaho Department of Fish and Game and USFWS to conduct regular monitoring of populations on BLM lands. Assist in documenting whether cuckoos are using habitats and the type of use.</p> <p>c) The BLM will participate as funding allows.</p>	<p>1) As stated below:</p> <p>a) CFO, in coordination with Idaho Department of Fish and Game regional office. State Office support for mapping as needed.</p> <p>b) CFO in coordination with Idaho Department of Fish and Game and USFWS.</p> <p>c) CFO in coordination with USFWS and Idaho Department of Fish and Game.</p>

Table F-5
Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>d) Cooperate in the management and improvement of suitable habitat to promote species conservation.</p> <p>e) Working with other agencies, compile a general list of BMPs that would apply to all programs, to the extent that such a list would assist with species and habitat conservation. The intent of implementing BMPs is to avoid or minimize negative impacts.</p>	<p>d) Where appropriate, update or develop management plans for suitable habitat, particularly in areas with known populations, as well as in restoration areas.</p> <p>e) BMPs:</p> <p>i) CFO will coordinate with USFWS, Idaho Department of Fish and Game, and State Office in the development of BMPs.</p> <p>ii) CFO to implement BMPs.</p>	<p>d) CFO, with support from State Office</p> <p>e) Responsibilities:</p> <p>i) State Office, District Office, and CFO with USFWS and Idaho Department of Fish and Game.</p> <p>ii) CFO</p>
	<p>2) Ensure that ongoing federal actions support or do not preclude species recovery.</p>	<p>2) Ongoing BLM activities:</p> <p>a) Review ongoing activities in locations with known populations.</p> <p>b) Determine if direct or indirect negative impacts to the species or its habitat are occurring as a result of ongoing discretionary BLM actions. If so, modify the activity to avoid or minimize negative impacts and, where feasible, promote species conservation.</p>	<p>2) CFO (all actions)</p>
	<p>3) Ensure that new federal actions support or do not preclude species conservation.</p>	<p>3) New BLM activities:</p> <p>a) Project-level inventories will be completed in suitable habitat during project planning if inventory information is not available or adequate.</p> <p>b) If direct or indirect negative impacts to the species or its habitat are anticipated as a result of new BLM actions, modify the activity to avoid or minimize negative impacts and, where feasible, promote species conservation.</p> <p>c) Avoid implementing activities that have the</p>	<p>3) CFO (all actions)</p>

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		potential to disturb or displace known populations of cuckoos during the breeding season (May through September).	
	4) Implement adaptive management as needed to achieve conservation objectives.	4) Conduct site-specific implementation and effectiveness monitoring. Adjust management as needed to ensure that management objectives are met.	4) CFO
	5) Support conservation easements, cooperative management efforts, and other programs on adjacent nonfederal lands to support conservation of the yellow-billed cuckoo.	5) Take advantage of opportunities as they arise.	5) CFO
Air Resources	None	None	None
Soil and Water Resources: Riparian/Wetland Areas (includes weed management)	1) Activities within the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation. As a part of conservation, the goals are to promote multi-tiered forested riparian habitat development and maintenance in suitable habitat and restoration areas, to avoid negative impacts, or to minimize impacts if avoidance is not possible.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Projects involving the application of pesticides (herbicides, insecticides, etc.) that may affect the species will be analyzed at the project level and designed such that pesticide	2) Site-specific stipulations will be developed locally using the following criteria: a) Evaluate the benefits and risks of vegetation treatment, including the following:	2) CFO in consultation with USFWS (all actions)

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	applications will support conservation and minimize risks of exposure.	<p>application methods; pesticides, carriers, and surfactants used; needed treatment buffers; and use of non-chemical weed control (for example, bio-controls, hand pulling). If management objectives can be effectively accomplished using non-chemical methods, such is the preferred alternative.</p> <p>b) Apply appropriate spatial and temporal buffers to avoid species' exposure to harmful chemicals.</p> <p>c) Implement appropriate revegetation and weed control measures to reduce the risks of non-native species infestations following any ground/soil disturbing actions in or near suitable habitat.</p>	
	3) Where needed and feasible, coordinate with adjacent land owners and local governments regarding control of invasive plants in riparian areas through cooperative weed management programs.	3) Take advantage of opportunities as they arise.	3) CFO
	4) Conserve riparian vegetation in suitable habitat (for example, healthy willow stands and cottonwood trees) to maintain their integrity for use by yellow-billed cuckoos, and initiate management in restoration areas.	<p>4) Management actions:</p> <p>a) Emphasize eradication of non-native invasive species in riparian areas that compete with willow and cottonwood tree regeneration. Continue to identify problem areas (such as areas infested with tamarisk, Russian olive, and false indigo) and implement appropriate weed control measures.</p> <p>b) Avoid issuing commercial firewood cutting permits in suitable habitats in riparian forests. If permits are issued, ensure that such</p>	4) CFO (all actions)

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		activities are consistent with the long-term maintenance of suitable habitat and enhancement of restoration areas. c) As needed, close suitable habitat in riparian forests to non-commercial firewood cutting and post the closure.	
Upland Vegetation Management: Rangelands (includes weed management)	1) Activities in the Upland Vegetation Management: Rangelands (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Projects involving the application of pesticides in uplands adjacent to suitable yellow-billed cuckoo habitat or in restoration areas will be designed and implemented in accordance with the approach described in the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	2) See Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	2) CFO
Forest and Woodland Management (includes weed management)	1) Activities within the Forest and Woodland Management (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2)) Projects involving the application of pesticides in forested areas and woodlands adjacent to suitable yellow-billed cuckoo habitat or in restoration areas will be designed and implemented in accordance with the	2) See Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	2) CFO

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	approach described in the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.		
Wildlife and Wildlife Habitat Management	1) Activities within the Wildlife and Wildlife Habitat Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) In restoration areas, cooperate in creating opportunities for yellow-billed cuckoo occupancy by enhancing habitat.	2) Consider planting or other habitat enhancement measures to improve yellow-billed cuckoo habitat value.	2) CFO in cooperation with Idaho Department of Fish and Game
Fish and Aquatic Habitat Management	1) Activities within the Fish and Aquatic Habitat Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) See Appendix B (Conservation and Restoration Watersheds) and Appendix D (Aquatic and Riparian Management Strategy) for additional watershed, riparian, and aquatic conservation measures that would promote functional riparian habitats.	2) Coordinate and implement management actions to improve riparian and aquatic habitats. Emphasis conservation and restoration measures would focus on cottonwood community riparian habitats.	1) CFO
Fire Management: Fire Suppression	1) Activities within the Fire Management: Fire Suppression program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>conservation. Human life and firefighter safety and property take priority over species protection.</p> <p>2) Fire suppression efforts will be conducted, as possible, to protect yellow-billed cuckoo habitat.</p>	<p>2) Fire management activities:</p> <p>a) Review Fire Management Plan for adequacy in addressing conservation measures. Modify the plan if needed.</p> <p>b) Apply MIST in suitable habitat, as appropriate. Consult with resource advisors to determine where MIST tactics should be applied to avoid or minimize negative impacts.</p> <p>c) Do not locate fire base camps, staging areas, and fueling areas in suitable habitat. Avoid locating these and other related activities in suitable habitat.</p>	<p>2) Responsibilities follow:</p> <p>a) FMO and CFO</p> <p>b) FMO, Resource Advisors, and Incident Commander for fire</p> <p>c) FMO, Resource Advisors, and CFO</p>
	<p>3) Coordinate with Forest Service, Idaho Department of Lands, or other applicable agency personnel regarding fire suppression activities in or near suitable habitat.</p>	<p>3) Ongoing interagency coordination.</p>	<p>3) FMO, with support from CFO Resource Advisor</p>
Fire Management: Emergency Stabilization and Rehabilitation	<p>1) Activities within the Fire Management: Emergency Stabilization and Rehabilitation (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	<p>1) CFO</p>
	<p>2) Implement Emergency Stabilization and Rehabilitation activities to promote yellow-billed cuckoo habitat rehabilitation.</p>	<p>2) Emergency Stabilization and Rehabilitation activities:</p> <p>a) If needed and if natural recovery would not</p>	<p>2) CFO (all actions)</p>

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>achieve habitat objectives, implement Emergency Stabilization and Rehabilitation activities to promote rehabilitation of suitable habitat (emphasis on cottonwood stands). Plant locally appropriate trees and shrubs, if natural recovery of such vegetation is doubtful.</p> <p>b) As needed, protect disturbed areas using temporary closures or other measures until the cottonwood saplings (and other target tree and shrub species) are re-established and self-sustaining.</p>	
	<p>3) Fire rehabilitation projects involving the application of pesticides within or adjacent to suitable habitat areas will be analyzed and implemented in accordance with the approach described in the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.</p>	<p>3) See Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.</p>	<p>3) CFO</p>
<p>Fire Management: Wildland Fire Use</p>	<p>1) Activities within the Fire Management: Wildland Fire Use program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote recovery.</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	<p>1) CFO</p>
	<p>2) Wildland fire use projects (where allowed) will be designed to conserve suitable yellow-billed cuckoo habitat.</p>	<p>2) When developing wildland fire use plans, avoid burning suitable habitat, and develop appropriate burn prescriptions that maximize the conservation of suitable habitat for yellow-billed cuckoo.</p>	<p>2) FMO and CFO</p>

Table F-5
Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Fire Management: Prescribed Fire	1) Activities within the Fire Management: Prescribed Fire program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Prescribed fire projects will be designed to conserve suitable yellow-billed cuckoo habitat and restoration areas.	2) When developing and implementing prescribed fire plans, avoid or minimize negative impacts to suitable habitat, and use prescribed fire as a tool for enhancing restoration areas.	2) CFO and FMO
Fire Management: Non-Fire Fuels Management (includes weed management)	1) Activities within the Fire Management: Non-Fire Fuels Management (includes weed management) program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Implement projects involving the application of pesticides within or adjacent to suitable habitat or restoration areas in accordance with the approach described in the Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	2) See Soil and Water Resources: Riparian/Wetland Areas (includes weed management) program section.	2) CFO
	3) Promote establishment of vegetation needed to achieve suitable yellow-billed cuckoo habitat.	3) Incorporate conservation actions into the fuels projects, as needed. For example, design seed mixes or plant species that will enhance or promote the growth of cottonwoods, willows, or other target shrub and tree species.	2) CFO

Table F-5
Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Fire Management: Community Assistance	1) Activities within the Fire Management: Community Assistance program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Follow all measures included throughout the Fire Management program sections.	2) See actions within Fire Management program sections. Incorporate into community assistance agreements.	2) CFO
Cultural Management	1) Activities within the Cultural Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Paleontology Management	1) Activities within the Paleontology Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
Visual Resources	None	None	None
Livestock Grazing Management: Leases	1) Activities within Livestock Grazing Management: Leases program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage livestock grazing and trailing to promote growth and recruitment of healthy riparian vegetation communities (for example, willows and cottonwood trees). Maintain and	2) Permit or lease renewal actions: a) For review of ongoing actions, see Special Status Animal and Plant Management program section item (2).	2) CFO (all actions)

Table F-5
Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	promote suitable habitat and restore areas for the yellow-billed cuckoo while implementing rangeland health standards and guidelines.	b) For new actions, see Special Status Animal and Plant Management program section item (3). c) As appropriate to avoid or minimize negative impacts modify livestock grazing leases.	
	3) Promote restoration of suitable habitat following fire, fire rehabilitation, restoration treatments, or other major disturbances.	3) As needed, protect disturbed areas using temporary closures or other measures until the willow shrubs and cottonwood saplings (or other target riparian species) are re-established and self-sustaining.	3) CFO
	4) Maintain regular compliance checks on grazing allotments with known populations to identify problems as soon as possible and take immediate corrective measures.	4) Ongoing, day-to-day BLM action.	4) CFO
Livestock Grazing Management: Livestock Management Facilities	1) Activities within the Livestock Grazing Management: Livestock Management Facilities program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage livestock facilities to promote healthy riparian vegetation communities (for example, willows and cottonwood trees). Maintain and promote suitable habitat and restore areas for the yellow-billed cuckoo while implementing rangeland health standards and guidelines.	2) For review of ongoing actions, see Special Status Animal and Plant Management program section item (2). For new actions, see Special Status Animal and Plant Management program section item (3). As appropriate to avoid or minimize negative impacts, modify existing and avoid placement of new livestock facilities.	2) CFO

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Mineral Management: Locatable Minerals	1) Activities within the Mineral Management: Locatable Minerals program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Approve plans of operations or allow notice level operations so as not to preclude species and habitat conservation. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) Approval of plans of operations and notice-level operations: a) For review of existing plans of operation and notice-level operations, see Special Status Animal and Plant Management program section item (2). To the extent allowed by law, modify plans of operation or notice-level operations that conflict with yellow-billed cuckoo management objectives in suitable habitat. For notice-level operations, notify the operator that modifications to proposed activities will be required to avoid negative impacts. b) For new plans of operation and notice-level operations, see Special Status Animal and Plant Management program section item (3). To the extent allowed by law, avoid approving plans of operation or notice-level operations that conflict with yellow-billed cuckoo management objectives in suitable habitat. Consider the seasonal nature of the proposed activities, and whether this conflicts with yellow-billed cuckoo conservation needs. For notice-level operations, notify the operator that modifications to proposed activities will be required to avoid negative	2) CFO (all actions)

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Mineral Management: Saleable and Leasable Minerals	<p>1) Activities within the Mineral Management: Saleable and Leasable Minerals program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.</p>	<p>impacts. If a plan of operations is to be approved in suitable habitat, apply stipulations to support or to not preclude species conservation. A notice will require modification by the operator until BLM determines that it will not result in undue or unnecessary degradation.</p> <p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	1) CFO
	<p>2) Approve development of saleable or leasable minerals so as not to preclude species habitat conservation and recovery. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.</p>	<p>2) Approval of saleable and leasable minerals:</p> <p>a) For review of existing mineral leases, see Special Status Animal and Plant Management program section item (2). Modify existing mineral leases if negative impacts are occurring.</p> <p>b) For new sales or leases, see Special Status Animal and Plant Management program section item (3). Avoid development of saleable or leasable minerals in suitable habitat if negative impacts are expected. Consider the seasonal nature of the proposed activities, and whether this conflicts with yellow-billed cuckoo conservation needs. If a minerals lease or sale is to be issued in suitable habitat, apply stipulations to support or to not preclude species conservation.</p>	2) CFO (all actions)

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Recreation Management	1) Activities within the Recreation Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Developed facilities (boat access, paved campgrounds, vault toilets, interpretive kiosks, etc.): Manage existing and new recreation facilities so as to not preclude species habitat conservation. This includes management of the physical facilities, as well as disturbances to the species resulting from human uses.	2) Management of existing and new facilities: a) For review of existing facilities see Special Status Animal and Plant Management program section item (2). As appropriate to avoid or minimize negative impacts, modify existing facilities. b) For new facilities, or for expansion of uses or seasons of use at existing facilities, see Special Status Animal and Plant Management program section item (3). In addition, avoid development of new recreation facilities or expansion of existing facilities in suitable habitat, if negative impacts are expected to occur.	2) CFO (all actions)
	3) Dispersed use areas (informal areas, including camping areas and tie-up areas for pack animals and boats): Manage dispersed use sites so as not to preclude species habitat conservation. This includes limiting disturbances to the species resulting from human uses.	3) For review of ongoing activities, see Special Status Animal and Plant Management program section item (2). In addition, minimize human activity in suitable habitat, if negative impacts are occurring. Close areas, either seasonally or year-round, as needed to protect the species and its habitat, and post and monitor the closure.	3) CFO
	4) Commercial and noncommercial recreation permits, including outfitter camps: Issue commercial and noncommercial recreation permits in accordance with goals for promoting	4) Issuance and review of existing and new permits: a) For review of existing permits, see Special Status Animal and Plant Management	4) CFO (all actions)

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	species and habitat conservation. This includes management of physical facilities (such as camps), as well as disturbances to the species resulting from human uses.	<p>program section item (2). If needed, modify existing permits that negatively impact the species or suitable habitat conditions.</p> <p>b) For new permits, see Special Status Animal and Plant Management program section item (3). Avoid issuing recreation permits if negative impacts are expected. Consider the seasonal nature of the proposed activities, and whether this conflicts with yellow-billed cuckoo conservation needs. In particular, avoid permitting new recreation activities in suitable habitat. If a recreation permit is to be issued, apply stipulations to the permit to support or to not preclude species conservation.</p>	
	5)) Coordinate with the Idaho Department of Fish and Game to educate recreation users at boat ramps and at designated camp areas about the need to conserve yellow-billed cuckoo habitat.	5) Take advantage of opportunities as they arise.	5) CFO, in cooperation with Idaho Department of Fish and Game and USFWS
Transportation and Travel Management	1) Activities within the Transportation and Travel Management program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO
	2) Manage roads, OHV routes and areas, as well as non-motorized trails, so as not to preclude species habitat conservation. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) Review of existing and new roads, OHV routes, and areas and non-motorized trails: a) For existing roads, designated OHV routes and areas, and designated non-motorized trails, see Special Status Animal and Plant Management program section item (2).	2) CFO (all actions)

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
		<p>Modify routes, in locations with known populations, if negative impacts are occurring. Evaluate the need for seasonal OHV use restrictions within or adjacent to suitable habitat and, if needed, reduce or avoid disturbance to the species and its habitat. Implement use restrictions or closures to reduce disturbance to the species and its habitat. Seek opportunities to close and revegetate OHV routes or non-motorized trails and use areas in suitable habitats, if negative impacts are occurring.</p> <p>b) For new roads, OHV routes and areas, and trails, see Special Status Animal and Plant Management program section item (3). Avoid constructing new roads, trails, routes, and designating OHV areas if negative impacts are expected. Consider the seasonal nature of the proposed activities, and whether this conflicts with yellow-billed cuckoo conservation needs. In particular, avoid opening new roads, trails, routes, and areas in suitable habitat.</p>	
	<p>3) Maintain regular compliance checks on OHV closures to protect known populations and to identify problems as soon as possible and take immediate corrective measures.</p>	<p>3) Ongoing, day-to-day BLM activities.</p>	<p>3) CFO</p>
<p>Lands and Realty Management: Land Tenure Adjustment (land sale, exchanges, withdrawals, etc.)</p>	<p>1) Activities within the Lands and Realty Management: Land Tenure Adjustment (land sale, exchanges, withdrawals, etc.) program will implement relevant conservation measures as described in the Special Status</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	<p>1) CFO</p>

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO *(continued)*

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	<p>Animal and Plant Management program section to promote conservation.</p>		
	<p>2) Where feasible and funding is available, acquire through land exchange or purchase private lands that support known populations or could enhance habitat for yellow-billed cuckoo.</p>	<p>2) Take advantage of opportunities as they arise. Priority should be given to lands that are adjacent to or near public lands.</p>	<p>2) CFO</p>
	<p>3) Retain yellow-billed cuckoo habitat in federal ownership to the extent possible, while balancing other needs.</p>	<p>3) Review each land tenure decision in terms of species habitat. Retain suitable habitat in public ownership unless compelling circumstances necessitate the land tenure adjustment. If property with suitable habitat is to be transferred out of federal ownership, permanent conservation easements may be attached to the transfer that would result in equal or greater protection than under federal management. Such measures must be approved by the State Director.</p>	<p>3) CFO and State Office</p>
<p>Lands and Realty Management: Land Use Permits and Leases</p>	<p>1) Activities within the Lands and Realty Management: Land Use Permits and Leases program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.</p>	<p>1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.</p>	<p>1) CFO</p>
	<p>2) Issue new land use permits and leases and review existing permits and leases at renewal so as not to preclude species habitat conservation. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.</p>	<p>2) For new permits and renewal of existing permits, see Special Status Animal and Plant Management program section item (3). Avoid issuing new permits or leases, or renewing existing permits or leases, in suitable habitat if negative impacts are expected. Consider the seasonal nature of the</p>	<p>2) CFO</p>

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
Lands and Realty Management: Rights-of-Way	1) Activities within the Lands and Realty Management: Rights-of-Way program will implement relevant conservation measures as described in the Special Status Animal and Plant Management program section to promote conservation.	proposed activities, and whether this conflicts with yellow-billed cuckoo conservation needs. If a permit or lease is to be issued or re-issued in suitable habitat, apply stipulations to the permit that support or do not preclude species conservation and that avoid or minimize negative impacts.	1) CFO
	2) Issue rights-of-way and review/renew existing rights-of-way so as not to preclude species habitat conservation. This includes management of physical facilities, as well as disturbances to the species resulting from human uses.	2) For new rights-of-way and renewal of existing rights-of-way (applying to areas within suitable habitat), see Special Status Animal and Plant Management program section item (3). Avoid issuing rights-of-way, or renewing existing rights-of-way, in suitable habitat if negative impacts are expected. Consider the seasonal nature of the proposed activities, and whether this conflicts with yellow-billed cuckoo conservation needs. If a right-of-way is to be issued or re-issued in suitable habitat, apply stipulations to the right-of-way that support or do not preclude species conservation and that avoid or minimize negative impacts.	2) CFO
Special Designation Area Management	1) Activities within the Special Designation Area Management program will implement relevant conservation measures as described in the Special Status Animal and Plant	1) Apply relevant conservation measures from the Special Status Animal and Plant Management program section at the beginning of this table.	1) CFO

Table F-5

Yellow-Billed Cuckoo (*Coccyzus americanus*) – Management, Conservation, and Restoration Measures for CFO (continued)

RMP Programs Evaluated	Conservation and Restoration Measures	BLM Implementation Actions	BLM Responsibilities
	Management program section to promote conservation.		
	2) Explore the potential for new designations that would enhance species conservation, such as good-condition cottonwood/willow riparian areas.	2) Take advantage of opportunities as they arise.	2) CFO