

United States Forest Service R-6 OR/WA Bureau of Land Management
Department of R-5 CA
Agriculture

United States
Department of
Interior

Reply Refer To: 1900 (FS)/ 1736PFP (BLM) (OR-935) P

Date: December 30, 2002

EMS TRANSMISSION 01/10/2003
BLM-Instruction Memorandum No. OR-2003-030
Expires: 09/30/2004

To: Bureau of Land Management District Managers (Coos Bay, Eugene, Lakeview, Medford, Roseburg, Salem) and Field Managers (Klamath Falls and Tillamook, OR; and Arcata, Redding and Ukiah, CA) and Forest Service Forest Supervisors within the Area of the Northwest Forest Plan

Subject: Extension of Requirements for Great Gray Owl Data Entry into the Interagency Species Management System: General Surveys & Known Sites (Species Locations)

Standards for Great Gray Owl (GGO) General Survey data entry into the Interagency Species Management System (ISMS) are being developed. **The Survey and Manage program is requesting that GGO General Survey records continue to NOT be entered into ISMS for the 2003 Annual Species Review** (data entry deadline is January 31, 2003). This is the same policy that was promulgated in FS-Memorandum EMS Transmission 02-15-2002/BLM Information Bulletin No. OR-2002-101, Modification of Requirements for GGO Data Entry into ISMS. Local data stewards and ISMS users may be responsible for entering all GGO General Survey data at a later date.

Do enter the data on GGO Known Sites (species locations) into ISMS, including the Geographic Information System (gISMS) part of the data. Only those Known Sites that meet the criteria in the attached document (Instructions for Entering GGO Known Sites into ISMS) must be entered into ISMS for the January 31, 2003, data entry deadline.

Please refer to the Forest Service letter/BLM Information Bulletin No. OR-2003-006, dated October 16, 2002, for additional Survey and Manage data entry topics and deadlines.

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If you have any questions regarding this topic, please call Stephanie Sprague (503-326-4327), Kelli VanNorman (503-326-4325), or Janis VanWyhe (503-808-6296).

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1 Attachment

1 – [Instructions for Entering Great Gray Owl Known Sites into ISMS](#) (6 pp)

BLM Distribution

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Instructions for Entering Great Gray Owl Known Sites into ISMS

February 22, 2002

The Survey & Manage program has approved a recommendation by the Great Gray Owl (GGO) taxa team for the definition of Great Gray Owl "Known Site." This definition comes from the 1995 GGO Survey Protocol (pages 14-15, "Determining Occupancy Status"). The ISMS Team is forwarding these instructions.

For the purposes of ISMS data entry for the January 31, 2003 ASR deadline, a Great Gray Owl "Known Site" is determined by *one or more* of the following 4 criteria:

- 1) A male and a female GGO are heard and/or observed in proximity (within 0.10 mile) to each other on the same outing during the day. (**NOTE: Males are smaller than females, but have a deeper voice.)
- 2) A male GGO takes prey to a female.
- 3) A female GGO is seen on a nest.
- 4) A young live or dead GGO is observed [and can be determined by the presence of an adult GGO or other means that it is a definite GGO young (yellow eyes, etc)].

NOTE: Item 1.e on page 15 of the 1995 GGO Survey Protocol is NOT considered a GGO "Known Site". Furthermore, the only "Known Sites" that are to be entered into ISMS for the March 8th, 2002 ASR and all future deadlines are those that meet *one or more* of the above 4 criteria.

I. Instructions for Tabular Data Entry

In addition to entering minimum tabular data fields as directed by the survey protocol/field forms, please ALSO enter the following field for all GGO "Known Sites" that meet one or more of the above 4 criteria:

Data Field to Enter Repro Status = "Repro"	ISMS Block Fauna Observation Detail Block
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The following snapshots describe how to enter Repro Status = "Repro" in the Fauna FULL FORM. You MUST use the Fauna FULL FORM to do data entry for GGO "Known Sites".

Attachment 1-1

Entering Repro Status = "Repro" in the Fauna FULL FORM

Step 1: In the Fauna Full Form query for the Species Location ("Known Site") record of concern, and then click on the <Surveys> button. If you are entering a new "Known Site" record, use the Fauna Full Form.

The screenshot shows a software interface for managing fauna species locations. At the top, there is a menu bar with options: ^, v, Query, By Survey, Clear, Delete, List, Edit, Insert, Save, and Close. Below the menu is a title bar for the 'Fauna Species Locations' window. The main form area contains several sections of data entry fields:

- Location Identification:** *Loc ID: 22363, Alt Loc ID: (empty), Last Survey: 16-JUN-1998, Loc CN: 48009010556.
- Administrative Information:** *Admin Unit: FS0603, Gifford Pinchot National Forest; Sub Admin: FS060303, Mt. Adams Ranger District; Loc Name: TROUT CREEK.
- Physical Characteristics:** Landform: (empty), Loc Area: (empty) AC, Loc Length: (empty), Loc Width: (empty); Bedrock: (empty), Aspect: 170 Deg, Elev (avg): 2280 FT, Min: (empty), Max: (empty); Slope (avg): (empty) % Min: (empty) Max: (empty), Soil: (empty), Moisture: (empty); Slope Pos.: (empty), Horiz Relief: (empty), Vert Relief: (empty), Water Dist.: (empty); Map Source: (empty), Accuracy: <150ft, Loc Source: (empty), Loc Origin: (empty).
- Management and Status:** Site Mgmt Status: Managed Site, Change, History, 1994 Priority? U M.
- Directions:** AT JCT OF BASELINE & TRANSECT 6, GO 170 AZ FOR 25 M.
- Legal Description:** Fields for Township, Range, Section, and Quarter Section.
- Notes:** A text area for additional information.

In the bottom right corner of the form, there is a button labeled 'Surveys +' which is circled in red. To its left, there is a 'Base Meridian' dropdown menu.

Step 2: In the Fauna Observations Block, click on the <Obs Detail Data> button.

Species Location Surveys

Action Query Edit Block Item Record

^ v Query Clear Delete List Edit Insert Save Close At

Species Location Surveys Record 1

*Type: Pre-Disturbance ID: 313020 *Method: Line_Trans *Protoc

*Start Date: 16-JUN-1998 Correct?: U Time: End Date: Correct?: U TI

Total Visits: Hours: Area: AC *Observer(s): JEFF REAMS

Project: Condition: Trend: Status:

Notes:

Community Observations Record

*Cmty Classif: Unspecified_Classif Code Name: Other community type

Cmty Name: Other community type *Cmty Code: Other

Structure: Unspecified Age: yr Seral Stage: Distrib:

Stand Size: Stand Density: per AC Light Index:

Overstory: % Understory: % Total Cover: % Pref Cmty Field: A

Notes: DOUGLAS-FIR OVERSTORY, ACCI, BENE UNDERSTORY

Fauna Observations Feature Obs **Obs Detail Data**

*Species Code	Scientific Name	Common Name	Presence *Flag	To
PLLA	Plethodon larselli	Larch Mountain Salamander	Y	1

Start | Stephanie J.S. | Exceed | System | Species Locat | Species Lu... | Microsoft Pow | 9:04 AM

Step 3: You should now see the Fauna Observation Detail Data Block

The screenshot displays the 'Species Location Surveys' software interface. It features a menu bar at the top with options: Action, Query, Edit, Block, Item, Record. Below the menu is a toolbar with buttons: ^, v, Query, Clear, Delete, List, Edit, Insert, Save, Close, and At. The main window is divided into three sections, each with a purple header:

- Species Location Surveys:** This section contains fields for *Type: Pre-Disturbance, ID: 313020, *Method: Line_Trans, *Protoc, *Start Date: 16-JUN-1998, Correct?: U, Time:, End Date:, Correct?: U, TI, Total Visits:, Hours:, Area:, AC, *Observer(s): JEFF REAMS, Project:, Condition:, Trend:, Status:, and Notes:.
- Community Observations:** This section contains fields for *Cmty Classif: Unspecified_Classif, Code Name: Other community type, Cmty Name: Other community type, *Cmty Code: Other, Structure: Unspecified, Age: yr, Seral Stage:, Distrib:, Stand Size:, Stand Density: per AC, Light Index:, Overstory: % Understory: % Total Cover: % Pref Cmty Field: A, and Notes: DOUGLAS FIR OVERSTORY, ACCI, BENE UNDERSTORY.
- Fauna Observation Detail Data:** This section is circled in red and contains a table with the following columns: Time, ID Code, ID Mark, Quantity, Sex, Age, and Activity. The table has one row with the following data: 1, U, Juvenile/Imm:.

Step 4: Scroll to the right in the Fauna Observation Detail Data Block to see the field Repro Status. Select “Repro” from the picklist. Push the <Save> button before you close the form.

The screenshot displays the 'Species Location Surveys' software interface. The window title is 'Species Location Surveys'. At the top, there is a menu bar with 'Action', 'Query', 'Edit', 'Block', 'Item', and 'Record'. Below the menu bar is a toolbar with buttons for '^', 'v', 'Query', 'Clear', 'Delete', 'List', 'Edit', 'Insert', 'Save', 'Close', and 'Alt'. The main form is divided into three sections: 'Species Location Surveys', 'Community Observations', and 'Detail Data'. The 'Species Location Surveys' section contains fields for *Type (Pre-Disturbance), ID (313020), *Method (Line_Trans), *Protocol, *Start Date (16-JUN-1998), Correct? (U), Time, End Date, Correct? (U), Total Visits, Hours, Area, AC, *Observer(s) (JEFF REAMS), Project, Condition, Trend, and Status. The 'Community Observations' section contains fields for *Cmty Classif (Unspecified_Classif), Code Name (Other community type), Cmty Name (Other community type), *Cmty Code (Other), Structure (Unspecified), Age, Seral Stage, Distrib, Stand Size, Stand Density, per, AC, Light Index, Overstory (%), Understory (%), Total Cover (%), and Pref Cmty Field. The 'Detail Data' section is titled 'PLLA-Plithodon larselli' and has a 'Close' button. It contains a table with columns: ID Mark, Quantity, Sex, Age, Activity, Condition, and Repro Status. The first row of data shows: ID Mark, 1, U, Juvenile/Imm, Activity, Condition, and Repro Status (Repro). The 'Repro Status' field is circled in red. The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 9:09 AM.

II. Instructions for Spatial Data Entry

- 1) All GGO “Known Site” polygons should have a minimum radius of ¼ mile. But in gISMS, polygon radius is measured in METERS. 1/4 miles = 402.336 meters. So your "Known Site" polygon should have a minimum radius of 402.336 meters.
- 2) If polygons overlap, DO NOT merge these polygons into one “Known Site” polygon.
- 3) For “Known Sites” where a nest has been observed, the centroid of the polygon would be at the nest tree (for nests or nest structures).

Attachment 1-5

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- 4) If you have observed a dead young GGO, and it has been verified to be a GGO (i.e. has yellow eyes, is not decomposed so as to inhibit verification), the centroid of the polygon should occur at the spot where the dead young GGO was found. (Refer to 1995 Great Gray Owl Survey Protocol, pages 16-17 for a description of qualifications required for surveyors who make verifications.)
 - 5) If you have observed a live young GGO (that can be verified), a male and female heard and/or observed in proximity (within 0.10 mile) to each other on the same outing during the day, or a male taking prey to a female, *but a nest has not been observed*, the centroid of the polygon is to be determined by the biologist of record using professional judgment and the definitions referred to in the 1995 Great Gray Owl Survey Protocol.

III. Instructions for GGO Observations that DO NOT Meet “Known Site” Criteria

If you have already entered other GGO "occupancy" records that do not meet the above criteria as a "Known Site", leave those records in ISMS but DO NOT enter Repro Status = “Repro” for these “occupancy” records. Directions for entering or cleaning-up “occupancy” records will be forwarded at a later date.

Attachment 1-6

The Survey & Manage program has approved a recommendation by the Great Gray Owl taxa team for the definition of Great Gray Owl