Appendix E—Forms

This appendix includes eight forms you can modify to fit your own needs:

- **Site Assessment Form**—This form can be used to prepare a detailed site assessment. The form was developed by Glacier National Park.

- **Campground Vegetation Inventory**—This form will help you assess individual campsites for restoration treatments. The form was developed by Glacier National Park.

- **Restoration Daily Project Log**—This log provides a daily record that will prove invaluable for planning other projects when you need to estimate how much time is required to complete certain tasks.

- **Onsite Restoration Information**—This form can be used to document initial restoration treatments. The form was developed by the Wenatchee National Forest’s Wenatchee River Ranger District.

- **Restoration Site Maintenance and Monitoring Record**—This form will help you document ongoing maintenance and monitoring. Data recorded here may supplement data on the revegetation monitoring form. This form was developed by the Wenatchee River Ranger District.

- **Revegetation Monitoring Form**—This form tracks vegetative recovery. It was developed by the Wenatchee National Forest’s Wenatchee River Ranger District.

- **Seed Collection Form**—This form documents the attributes of each seed lot. It was developed by the Wallowa-Whitman National Forest. A similar form can be developed for other types of plant material.

- **Plant Material Transportation, Storage, Extraction, and Preparation Log (excludes seed)**—This form is used for shipping plant materials to nurseries and tracks the steps taken to process the materials. The form was developed by the Forest Service’s Pacific Northwest Region nursery program.
Site Assessment Form

Site name and location: ____________________________________________________________

Date: ____________________________________________________

Examiner’s name: ________________________________________________

General description of site (include history and use): ________________________________________________________________
                                                                                                                      
                                                                                                                      
                                                                                                                      
                                                                                                                      
                                                                                                                      
                                                                                                                      
                                                                                                                      
                                                                                                                      
Site location (Section, township, and range or UTM): ____________________________________________________________
                                                                                                                      
                                                                                                                      
                                                                                                                      
                                                                                                                      
                                                                                                                      
Elevation: _____________ Aspect: _______________ Slope/relief: ________________________________________
Soils and Geology

Soil type: ( ) Alluvial, flood plain, beach soils ( ) Wet soils ( ) Glacial soils
( ) Bedrock soil—metamorphic ( ) Bedrock soil—sedimentary

Soil description (from Natural Resources Conservation Service soil survey):
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Characteristics of soil profile:

O—Organic layer: Depth _______ Texture ___________ Color ___________ % Rock/gravel ________

A—Surface layer: Depth _______ Texture ___________ Color ___________ % Rock/gravel ________

B—Subsurface layer: Depth _______ Texture ___________ Color ___________ % Rock/gravel ________

Soil surface cover (total should equal 100%): Bare soil _____ Gravel _____ Rock (> 3 cm diam.) _____ Litter _____
Wood _____ Moss/lichen _____ Basal vegetation _____ Other ______

Describe soil surface status:
( ) Soil surface is stable; vegetation cover is adequate to prevent erosion in excess of natural rates.
( ) Soil surface is stable but vegetative cover is inadequate and increased erosion is likely.
( ) Soil surface is unstable because of trampling (compaction) and vegetation loss.
( ) Soil surface is unstable because of steepness, trampling, and vegetation loss.

Describe erosion type (rill, gully, slump, etc.), cause, and depth/extent over the site:
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
Appendix E—Forms

General Vegetation Composition and Structure

Habitat type: ________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Community area: ( ) Upland ( ) Alpine/subalpine ( ) Wetland/riparian ( ) Other ____________________________
________________________________________________________________________________
________________________________________________________________________________

Dominant cover form: ( ) Aquatic species ( ) Broadleaf trees ( ) Conifers ( ) Shrubs ( ) Herbaceous cover
( ) Krummholz ( ) Moss/lichens ( ) Nonvegetated (rock or scree) ( ) Other ____________________________
________________________________________________________________________________
________________________________________________________________________________

Dominant species in upper layer (> 6.5 ft): _____________________________________________________________
________________________________________________________________________________

Dominant species in middle layer (2.5–6.5 ft): __________________________________________________________
________________________________________________________________________________

Dominant species in lower layer (< 2.5 ft): _____________________________________________________________
________________________________________________________________________________

Life form size—Dominant trees:
% seedling (< 1.0 in d.b.h.) ______ % sapling (1–4.9 in d.b.h.) ______ % Pole (5–8.9 in d.b.h.) ______
% medium (9–20.9 in d.b.h.) ______ % large (21–32.9 in d.b.h.) ______ % very large (33+ in d.b.h.) ______

Life form size—Dominant shrubs: % low (< 2.5 ft )_____ % medium (2.5–6.5 ft)_____ % tall (6.5+ ft)_____

Structural class:
( ) Stand initiation: growing space is reoccupied following a stand-replacing disturbance
( ) Stem exclusion/open canopy: ground-level competition limits establishment of new tree seedlings; primarily medium or smaller trees
( ) Stem exclusion/closed canopy: establishment of new tree seedlings limited by competition for light and resources
Appendix E—Forms

( ) Understory reinitiation: initiation of younger tree stand as older trees occupy less than full growing space; dead trees present; two or more canopy strata

( ) Young multistrata: multiaged stand with a mix of tree sizes and canopy strata; no large trees

( ) Old forest multistrata: multiaged stand with a mix of tree sizes and canopy strata; includes large, old trees

( ) Old forest single-stratum: broken or continuous canopy of large, old trees; understory absent with only a few seedlings or saplings

Microclimate: ( ) Not applicable ( ) Cold-air drainage or frost pocket ( ) Upslope warm airflow

( ) Wind-blasted environment that maintains vegetation in deformed state

( ) Snow catchment area that retains snow 2 to 4 weeks longer than surrounding areas with the same aspect

Special features: ( ) Not applicable ( ) Talus ( ) Scree ( ) Avalanche chute

( ) Wet meadow, grass dominated; surface wet in spring, moist in midsummer

( ) Marsh, sedge dominated; soil surface wet in midsummer

( ) Swamp, shrub dominated

( ) Bog mire, mosses, acidic wet peat soil

( ) Fen mire, reeds/sedges, alkaline wet peat soil

( ) Swale, depression/bench with no surface water, but moist soil evident in vegetation type

( ) Seep, depression/bench with surface water and vegetation found in moist environments

( ) Community adjacent to surface water (within 3 vertical feet and 100 horizontal feet of lake, stream, pond, etc.)

Vegetation change:

( ) Community is stable; will not change significantly in canopy closure, structure, species composition; similar to climax community

( ) Community is seral and changing toward climax community; will change significantly in canopy closure, structure, and species composition

( ) Community is changing away from climax community; will change significantly in canopy closure, structure, and species composition

( ) Community is seral and stable; dominant species will not change significantly

( ) Cannot tell if community is changing
Forest health:

Describe general vigor of tree species present, history of disease or obvious decline in health of tree populations, any signs of disease/pest infestations (conks, punk knots, stem decay, cankers, boring dust, pitch tubes, dead terminals, needle casts, flagging, etc.):

_____________________________________________________________________________________________
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Exotic species present (species and abundance) and control recommendations:

_____________________________________________________________________________________________
_____________________________________________________________________________________________
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_____________________________________________________________________________________________
Appendix E—Forms

Rare Species and Cultural Resources

Species of special concern: Identify any endangered or threatened species or species of special concern that are present:
Species name: ____________________________________ Percent cover ________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
Section 7 consultation in reference to the Endangered Species Act required before mitigation? ( ) Yes ( ) No

Cultural resources: Enter the type of feature or structure (house, barn, firering, archeological site, etc., and the name, if
known: _____________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
Section 106 consultation in reference to the Historic Preservation Act required? ( ) Yes ( ) No

Animal Use

Describe animals using or frequenting the site (horses, cattle, other stock, elk, deer, moose, bighorn sheep, beavers, bears,
rodents, raptors, other birds, lions, wolves, etc.). Is this site a known travel corridor for wildlife (identify species)? ______
_____________________________________________________________________________________________
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Disturbance History

Check the types of disturbance that have impacted this site:

( ) Understory burn ( ) Wildfire with suppression activities ( ) Prescribed fire (planned ignition)

( ) Prescribed fire (unplanned ignition) ( ) Herbicide application ( ) Other weed removal activities

( ) Recreational foot traffic, day use ( ) Camping ( ) Stock use ( ) Browsing ( ) Rodents

( ) Game trails ( ) Forest diseases ( ) Insect infestation ( ) Other ____________________

Disturbance intensity: ( ) Not applicable ( ) Low (5–20% bare ground)

( ) Moderate (20–40% bare ground ) ( ) High (40–100% bare ground)

Describe visible impacts (exposed roots, damaged or scarred tree trunks, broken limbs, felled trees, etc.):

_____________________________________________________________________________________________

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Estimate size (square feet) of area requiring treatment: __________________________________________
Appendix E—Forms

Rehabilitation Recommendations

Site management recommendations (closure, use restrictions, etc.):

_____________________________________________________________________________________________
_____________________________________________________________________________________________
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Describe previous rehabilitation work and results:

_____________________________________________________________________________________________
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Site and planting preparations (describe recommendations for scarification, soil amendments, mulch, etc.):

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Plant salvage (list species in the area available for salvage—define strategy for lifting and storage):

_____________________________________________________________________________________________
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Soil salvage potential and borrow sites available (describe soil resources available and quantify any deficits, if applicable):
_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
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_____________________________________________________________________________________________
Barriers necessary to restrict use: ( ) None needed ( ) Fence ( ) Vehicle barrier ( ) Brush or logs ( ) Signs ( ) Rocks ( )
Other ________________________________________________________________________________________
Describe where barriers are needed: _________________________________________________________________
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Suggested revegetation species and quantity from site:

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<th>Trees</th>
<th>Shrubs</th>
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<tr>
<td><strong>Forbs</strong></td>
<td><strong>Grasses</strong></td>
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Appendix E—Forms

Plant materials collection and propagation recommendations: _________________________________________________
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Comments for project implementation: _________________________________________________________________
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Species Inventory

Abundance—Indicate whether the species is D (dominant), F (frequent), or O (occasional).

<table>
<thead>
<tr>
<th>Native trees</th>
<th>Abundance</th>
<th>Revegetative species</th>
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<tr>
<th>Native shrubs</th>
<th>Abundance</th>
<th>Revegetative species</th>
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</table>
Appendix E—Forms

Abundance—Indicate whether the species is D (dominant), F (frequent), or O (occasional).

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<thead>
<tr>
<th>Native grasses</th>
<th>Abundance</th>
<th>Revegetative species</th>
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<th>Exotic forbs</th>
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Abundance—Indicate whether the species is D (dominant), F (frequent), or O (occasional).

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<th>Native forbs</th>
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<th>Exotic grasses</th>
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Campground Vegetation Inventory

Name of campground: ________________________________________
Date: _______________________ Reported by: __________________________

UTMs—Mapping notes: ________________________________________________________________________________
______________________________________________________________________________________________
______________________________________________________________________________________________
______________________________________________________________________________________________

Measurement of impact: ________________________________________________________________________________

Description of soil condition (topsoil depth, color, organic matter and litter content, and any other notable features):
______________________________________________________________________________________________
______________________________________________________________________________________________
______________________________________________________________________________________________

Dominant vegetative species: __________________________________________________________________________
______________________________________________________________________________________________
______________________________________________________________________________________________
______________________________________________________________________________________________

Suggested revegetation species: _______________________________________________________________________
______________________________________________________________________________________________
______________________________________________________________________________________________

Suggestions for further restoration (including materials list):
______________________________________________________________________________________________
______________________________________________________________________________________________
______________________________________________________________________________________________
Site No. 1

UTMs—Mapping notes: 

Measurement of impact:

Description of treatment implemented:

Description of soil condition (topsoil depth, color, organic matter and litter content, and any other notable features): ______

Dominant vegetative species:

Suggested revegetation species:

Suggestions for further restoration (including materials list):
Site No. 2

UTMs—Mapping notes: ________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Measurement of impact: ______________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Description of treatment implemented: _________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Description of soil condition (topsoil depth, color, organic matter and litter content, and any other notable features): ______
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Dominant vegetative species: _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Suggested revegetation species: _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Suggestions for further restoration (including materials list): ________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
Site No. 3

UTMs—Mapping notes:
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Measurement of impact: _________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Description of treatment implemented: _____________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Description of soil condition (topsoil depth, color, organic matter and litter content, and any other notable features): ________
__________________________________________________________________________
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Dominant vegetative species: _____________________________________________________
__________________________________________________________________________
__________________________________________________________________________

Suggested revegetation species: __________________________________________________
__________________________________________________________________________
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Suggestions for further restoration (including materials list):
__________________________________________________________________________
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Site No. 4

UTMs—Mapping notes: ________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Measurement of impact: ______________________________________________________________
________________________________________________________________________________

Description of treatment implemented: _________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Description of soil condition (topsoil depth, color, organic matter and litter content, and any other notable features): ______
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Dominant vegetative species: _________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Suggested revegetation species: _______________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Suggestions for further restoration (including materials list): _______________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
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Appendix E—Forms

**Pit Toilet (Low Rider)**

**UTMs—Mapping notes:**

_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________

**Measurement of impact:**

_____________________________________________________________________________________________

**Description of treatment implemented:**

_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________

**Description of soil condition (topsoil depth, color, organic matter and litter content, and any other notable features):**

_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________

**Dominant vegetative species:**

_____________________________________________________________________________________________
_____________________________________________________________________________________________

**Suggested revegetation species:**

_____________________________________________________________________________________________
_____________________________________________________________________________________________

**Suggestions for further restoration (including materials list):**

_____________________________________________________________________________________________
_____________________________________________________________________________________________
Appendix E—Forms

**Food Hanging Pole**

UTMs—Mapping notes: ____________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

Measurement of impact: ____________________________________________________________________________

_____________________________________________________________________________

Description of treatment implemented: ________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

Description of soil condition (topsoil depth, color, organic matter and litter content, and any other notable features): ______

_____________________________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

Dominant vegetative species: ____________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

Suggested revegetation species: _________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

_____________________________________________________________________________

Suggestions for further restoration (including materials list):

_____________________________________________________________________________

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Appendix E—Forms

Other notes or comments:

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General condition of campground—condition of all facilities, such as hitchrails, food hanging poles, toilets, etc.:
Restoration Project Daily Log

Date:_________
Hours worked:______________

Crew:________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________

Number of visitors (people/stock/groups):
_____________________________________________________________________________________________
_____________________________________________________________________________________________

Campsites occupied (by site number and how many other occupied sites are visible from each occupied site):
_____________________________________________________________________________________________
_____________________________________________________________________________________________

Accomplishments:
_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
_____________________________________________________________________________________________
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Comments and observations:
_____________________________________________________________________________________________
_____________________________________________________________________________________________
Onsite Restoration Information

(Use this form to document initial restoration treatments)

Location:__________________________________________________________________________________________

Restoration site and segment:___________________ Date:____________________

Approx. plot size:_______________________ Observer:____________________________________________________

1. Method of site preparation (stabilization and soil treatments):

_____________________________________________________________________________________________

_____________________________________________________________________________________________

_____________________________________________________________________________________________

_____________________________________________________________________________________________

2. Type of plant material:

a) Wildling plugs (number and species present)

_____________________________________________________________________________________________

_____________________________________________________________________________________________

_____________________________________________________________________________________________

_____________________________________________________________________________________________

b) Seeding (species and amount seeded)

_____________________________________________________________________________________________

_____________________________________________________________________________________________

_____________________________________________________________________________________________

_____________________________________________________________________________________________

c) Nursery stock (number by species/stock type)

_____________________________________________________________________________________________

_____________________________________________________________________________________________
4. Local materials used:
   a) Boulders
   b) Logs
   c) Stumps cut flush to the ground

3. Sketch restoration site on back: include size, location, trails and photopoints.

4. Remarks:
## Restoration Site Maintenance and Monitoring Record

Site: _____ Site segment: ______

Location: ____________________________________________

Date: _________ Person taking observations: __________________________

<table>
<thead>
<tr>
<th>Signs/stakes</th>
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<tbody>
<tr>
<td>Erosion control blankets</td>
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<tr>
<td>Erosion</td>
<td></td>
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<tr>
<td>Human disturbance</td>
<td></td>
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<tr>
<td>Weeds (nonnatives)</td>
<td></td>
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</tbody>
</table>

### Seedlings:
- Number by species
- Average diameter (in)
- Seeding and/or flowering (Y or N)
Appendix E—Forms

### Additional seedlings added:
- Species, number, location

### Wildling plugs added:
- Species, number, location

### Additional seeds added:
- Species, location

### Other native seedlings identified:
- Number, species, location

Document any additional or extensive work on the reverse side.
Revegetation Monitoring Form

Location____________________________________________________________________________________
Plot No.________ Date________ Observer_______________________________________________________________

<table>
<thead>
<tr>
<th>Species</th>
<th>No. of plants</th>
<th>Vigor class</th>
<th>Coverage class</th>
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1Coverage classes:
(1) 0–5%  (2) >5–25%  (3) >25–50%  (4) >50–75%  (5) >75–100%

2Vigor classes:
(1) Plants appear unhealthy, probably not able to reproduce.
(2) Plants appear essentially healthy, but do not appear to be able to reproduce.
(3) Plants appear healthy, plants apparently spreading, but may be reproducing only vegetatively.
(4) Plants appear to be sexually reproducing, plants spreading.
(5) Plants appear robust, reproducing sexually, population spreading.
Seed Collection Form

*Asterisk indicates data that does not have to be recorded in the field. This information can be added later, but be sure to do so.

1. Scientific name______________________________________________________________

2. Common name_________________________________________________________________

3. *Species code___________ 4. *Seed lot code____________________


7. *Legal description____________________ 8. *Quad name__________________________

9. Road number(s)________________________________________________________________

10. Creek or site name____________________________________________________________

11. Directions to relocate the area:________________________________________________

________________________________________________________________________________

________________________________________________________________________________

________________________________________________________________________________

________________________________________________________________________________

(Attach a quad or road map of the collection area on the back of the form)

12. Elevation(s)________________ 13. Slope(s)________________%

14. Aspect(s) (N, S, E, W)________

15. Habitat description(s)_________________________________
### Appendix E—Forms

16. Plant association(s) __________________________________________________________

   *Name (Use key or leave blank)*

17. Number of plants in each population ________________________________

18. Number of populations in this seed lot __________________________

19. Collector's name _______________________________________________________

20. Collection date __________   21. Hours spent collecting ________________

22. Comments __________________________________________________________

### Drying and Transport


25. *Nursery name* ___________________________  26. *Date shipped* __________

27. *District contact person* ________________________
Seed Collection Form Instructions

1. Scientific name: Be absolutely sure of the identification. Use the names in standard floras for area.
2. Common name: Use the names from standard floras for the area or those used in stand exams.
3. Species code: This is the code used for stand exams. Use the correct four- to six-letter code. Leave this field blank if you don’t know the code.
4. Seed lot code: This code is from Nursery Lot Form 158. See the instructions accompanying that form.
5. Watershed name and code: Get a map of these names and codes from the district hydrologist.
6. Subwatershed name and code: Get a map of these names and codes from the district hydrologist.
7. Legal description: The township, range, and section from which the seed was collected. More than one entry may be needed for large batches of seed.
8. Quad name: The U.S. Geological Survey quad map name. More than one entry may be needed for large batches of seed.
9. Road number(s): List the main roads closest to the area where the seed was collected.
10. Creek or site name: General name of the area.
11. Directions to find the area: These can be fairly general.
12. Elevation(s): If more than one population is included, give the range of elevations, or list each elevation.
13. Slope(s): If more than one population is included, give the range of slopes, or list each slope.
14. Aspect(s): If more than one population is included, give the range of aspects, or list each aspect.
15. Habitat description: General habitat information, such as meadow or forest.
16. Plant association: Use the appropriate guide to determine the association name. If more than one population is collected, list each association name. If in doubt, leave this field blank.
17. Number of plants in each population: Estimate the number of plants that were harvested in each population. This line will have just one entry because it will be the same for all populations in a seed lot.
18. Number of populations in a seed lot: Number of populations, separated by 1/4 mile, where seed was collected.
19. Collector’s name: The person (or persons) who did the collecting.
20. Collection date: Date the material was collected. Important for tracking success rates.
21. Hours spent collecting: Time spent actually collecting seed (not traveling).
22. Comments: Any extra information that may be helpful.

Drying and Transport

23. Drying method: Record whether the seed was dried in sun or shade and how the seed was dried.
24. Drying time: How many days the material was dried.
25. Nursery name: Name of the nursery where the material was sent.
26. Date shipped: Date the material was sent to the nursery.
27. District contact person: Name of the person the nursery should contact if there are any questions.
Appendix E—Forms

Plant Material Transportation, Storage, Extraction, and Preparation Log (Excludes Seed)

<table>
<thead>
<tr>
<th>A. Completed at collection site</th>
<th>B. Completed at nursery</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Collection site log No.: __________</td>
<td>12. Date received: __________</td>
</tr>
<tr>
<td>2. Geographic ID: (creek, lake, trail, etc.)</td>
<td>13. No. of plant materials received: __________</td>
</tr>
<tr>
<td></td>
<td>14. Received by: __________ (name)</td>
</tr>
<tr>
<td></td>
<td>15. Nursery log-in No.: __________</td>
</tr>
<tr>
<td>3. Forest: __________</td>
<td>16. Storage of plant materials:</td>
</tr>
<tr>
<td></td>
<td>Building: __________</td>
</tr>
<tr>
<td>4. Ranger district: __________</td>
<td>Bay: __________</td>
</tr>
<tr>
<td></td>
<td>Tier: __________</td>
</tr>
<tr>
<td>5. Date shipped: __________</td>
<td>Rack: __________</td>
</tr>
<tr>
<td></td>
<td>Tubs/buckets/etc. __________</td>
</tr>
<tr>
<td>6. No. of plant materials shipped: __________</td>
<td>17. Nursery preparation date: __________</td>
</tr>
<tr>
<td>(whips, roots, bulbs, etc.)</td>
<td>a) No. of cuttings</td>
</tr>
<tr>
<td>7. Transport mode: __________</td>
<td>Length of cuttings: __________</td>
</tr>
<tr>
<td></td>
<td>Minimum caliper: __________</td>
</tr>
<tr>
<td>8. Shipped by whom: __________</td>
<td>18. Root or bulb preparation: __________</td>
</tr>
<tr>
<td></td>
<td>19. Dip treatments for storage: __________</td>
</tr>
<tr>
<td>9. Shipping destination: __________</td>
<td>Date dipped: __________</td>
</tr>
<tr>
<td></td>
<td>20. Pre-sow dips: __________</td>
</tr>
<tr>
<td>10. History:</td>
<td></td>
</tr>
<tr>
<td>Collection date: __________</td>
<td></td>
</tr>
<tr>
<td>Insect/disease damage: __________</td>
<td></td>
</tr>
<tr>
<td>Storage of materials: __________</td>
<td></td>
</tr>
<tr>
<td>11. Contact persons: __________</td>
<td></td>
</tr>
<tr>
<td>E-mail and phone: __________</td>
<td></td>
</tr>
</tbody>
</table>
C. Completed at the Collection Site and Verified by the Nursery

Species type:___________________________________________________________________________________

21. Plant material lot code (Use large, written numbers, the long code)

Species: This is the four- to six-digit alpha/numeric code for the scientific name of the plant. Refer to PNW Publication *Northwest Plant Names and Symbols for Ecosystem Inventory and Analysis* (PNW General Technical Report PNW–46; 1976). If you only know what genus it is, fill in the first five letters of the genus; for example SALIX or RIBES.

Forest: A two-digit numeric code. For the Wallowa-Whitman this will always be 16.

Seed Zone: Zone of origin.

District: A two-digit numeric code.

Type of Collection: The *Forest Service Handbook* states that numbers from 700 and up will be used for non-seed collections. For hardwood cuttings this number will always be 711.

Elevation Band: These elevation groupings are in 500-foot bands, and the code is the first two digits of the upper limit of each band.

- 2,000-2,500 = Band 25
- 2,500-3,000 = Band 30
- 3,000-3,500 = Band 35

Year of Collection: A two-digit numerical code for the year. 1993 = 93.
The nursery fills in the entries below.

Tree lot short code: _______________________

Date planted: ___________________________ 0–1: _______ 0–2: _______

No. of days callused: _____________________

22. Inventory amount: ____________________

23. Lifting date: _________________________ Packing date: ____________________

24. Net pack: _________________________ Package by: ___ Box ___ Bag ___ Both

25. Ship date: _______________ Shipped by: ____ Refrigerated truck _____ Hot trailer

Other (specify): _________________________

Nursery treelot number: ______

26. Remarks from nursery for forest/collection site followup:
   a. Section A of form not completed or not completed correctly _______
   b. Plant material of very poor quality, should NOT have been collected _______
   c. Plant material damaged, apparently stored, or shipped under unsatisfactory conditions _______
   d. Plant material collected at wrong time of year _______
   e. Plant tags not completed in compliance with instructions _______
   f. Plant material lot not on inventory plan or exceeds planned amount _______
   g. Plant materials not packaged properly _______
   h. Too much debris mixed with plant material _______
   i. Individual lots not properly segregated on shipping vehicle _______
   j. Other (specify) _______
About the Authors

Lisa Therrell is a wilderness manager on the Okanogan and Wenatchee National Forests in Washington. She also has worked as a wilderness planner, wilderness ranger, park ranger, and educator. Lisa has a bachelor’s degree in biology and environmental studies. In her spare time, she can be found botanizing and gardening, as well as teaching yoga and enjoying outdoor pursuits. For over 20 years, planning and implementing restoration projects has been the most rewarding part of Lisa’s job.

David Cole, Ph.D., is a research scientist with the Aldo Leopold Wilderness Research Institute in Missoula, MT. He has been studying the ecological impacts of wilderness recreation for 30 years. Recently, he has been working to find more effective ways to restore damaged sites.

Victor Claassen, Ph.D., wildland restorationist, teaches at the University of California Davis in the Land, Air, and Water Resources Department of the College of Agriculture and Environmental Sciences. He grew up on a family farm in Kansas and has always had soil in his veins. Victor is especially interested in soil fertility in wildland systems.

Chris Ryan, wilderness specialist, is the wilderness, wild and scenic rivers, and outfitters program leader for the Forest Service’s Northern Region in Missoula, MT. She has worked in some of the Forest Service’s finest wilderness areas throughout her 25-year career.

Mary Ann Davies is a project leader at the Forest Service’s Missoula Technology and Development Center (MTDC). She received a bachelor’s degree in mechanical engineering with a minor in industrial and management engineering from Montana State University in 1988. She worked in the Forest Service’s Pacific Northwest Region with facilities, tramways, recreation, and fire. Before coming to MTDC in 1998, she worked 5 years with the Rocky Mountain Research Station’s fire chemistry and the fire behavior groups in Missoula, MT. Mary Ann works on projects in the nurseries, fire, recreation, and watershed, soil, and air programs.