



Resource Inventory Notes

Introduction

Greetings! This is the first of a series of notes on natural resource inventory methods. The intent is similar to that of the old "Forest Control by Continuous Inventory" newsletter, formerly published by the USDA Forest Service. Basically, we want this paper to serve as a place to exchange ideas on field and office resource inventory techniques. As you can tell from the title, we will not limit ourselves to timber inventory. We want to know and to let you know what's going on in recreation, range, wildlife and watershed surveys as well.

As we see it now, the notes will have four parts:

1. A place for discussion of a topic.
2. A current literature section.
3. A section for announcing meetings.
4. A section miscellaneous for notes.

Contributions will be welcomed. Please keep them short - no more than one or two pages. Articles will be reviewed for general interest and utility and, if accepted, will be used as written.

Material is also solicited for the current literature section. A short abstract (3 or 4 sentences), along with the address where the publication can be obtained, will be appreciated.

If you have any workshops, meetings, or symposia on inventories planned, let us know. Send us the title, the dates, the place, a brief description of the meeting, and the name and address of a person to contact for ad-

ditional information. Be sure to allow one or two months between the time you send the announcement and the time it gets out to the reader.

The miscellaneous section will be used as needed to cover items that don't fall into these three categories. It could be used to pass on items of general interest, ideas, or inventory tips, or for asking questions on inventory problems.

All correspondence for "Resource Inventory Notes" should be sent to:

USDA Forest Service, S&PF
Resource Management Staff
6816 Market Street
Upper Darby, Pa. 19082.

Criticisms, ideas, and suggestions for improvement will be welcomed. At present we hope to publish the notes on a bimonthly basis.

Current Literature

Having troubles determining how well you stand is regenerating? Do your stumps sprout? You might want to get a copy of "Sampling redwood seedling and sprout regeneration: an improved technique" by James L. Lindquist.

Jim describes a technique using a combination of milacre and angle-gauge plots to estimate the number of seedlings and stump sprouts per acre.

The use of point sampling reduces the variation normally encountered with quadrant sampling. Even though the publication addresses itself to redwood, the procedures outlined should apply to any stump-sprouting species. The publication can be ordered from:

USDA Forest Service
Pacific Southwest Forest and Range
Experiment Station
P.O.Box 245
Berkeley, California 94701.

Ask for Research Note PSW-294.

A detailed Natural Resource Inventory Checklist, in the form of five booklets and a wall chart, is available from:

Montana Agricultural Experiment Station
Montana State University
Bozeman, Montana 59815

Ask for Research Report #50 and Capsule Information Series No. 2. The checklist has been made to help identify locally critical issues and to select those details needed in natural resource inventories, including air resources, water resources, soils, plant and animal ecology, and geology.

The School of Agriculture, Southern Illinois University, Carbondale, Illinois 62901, outlines "A resource inventory method to support land use planning" in its Department of Forestry Publication No. 14. The application of computer mapping is discussed. A good bibliography on resource inventories is also provided.

Want to inventory woody debris or logging slash? Drop a card to:

USDA Forest Service
Intermountain Forest and Range
Experiment Station
507 25th Street
Ogden, Utah 84401

Ask for General Technical Report INT-16 entitled "Handbook for inventorying downed woody material" by James K. Brown.

Meetings

Tentative plans are being made for a session on "Land Capability classification and integrated inventories for land use planning" at the 1975 National SAF convention in Washington, D.C. on October 1. For further information contact:

Glenn H. Deitschman
USDA Forest Service
1221 S. Maine Street
Moscow, Idaho 83843.

Miscellaneous

Richard S. Driscoll has been recently named as work unit leader of the Forest Service's newly formed National Renewable Resource Supply and Evaluation Techniques Research Work Unit at Ft. Collins, Colorado. One of the objectives of this project is to develop new and improved inventory techniques for assessing all forest and rangeland renewable resources. Dick formerly headed the Range Inventory and Evaluation Project at the Rocky Mountain Forest and Range Experiment Station.

Do you want to receive your own personal copy of resource inventory notes? Send us your name and address and we'll put you on our mailing list.

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