

**Appendix 6**

**Element Occurrence Records for *Peraphyllum ramosissimum* in the HMP Area.**

**PERAPHYLLUM RAMOSISSIMUM**

**SQUAWAPPLE**

Occurrence Number: 005

Survey Site Name: HIXON SHARPTAIL PRESERVE

County: Washington

USGS quadrangle: MANN CREEK NW

Latitude: 442728N Longitude: 1165415W

TOWNRANGE: SECTION: MERIDIAN: TRSNOTE:  
013N005W 14 BO SE4SW4

**Location:**

The occurrence is located about 0.5 mile south of Fairchild Reservoir. The reservoir is located approximately 14 miles NNE of Weiser, and is accessed via an unmarked, narrow, 4-wheel drive road that leads off the Mann Creek road about 0.5 mile south of the Adams Creek road.

Survey Date: 1996-05 First Observed: 1983 Last Observed: 1996-05

EORANK: B

**Population Data:**

1983: Plants common. 1989: Ca 200-300 individuals in fruit; good overall site quality. Observation by Roger Rosentreter, Idaho State BLM. 1996: Ca 200-300 individuals observed by Bob Moseley, Idaho CDC.

**Habitat Description:**

On S and W-facing slopes of popcorn-textured heavy clay soils; 25% slope. *Artemisia arbuscula*/*Agropyron spicatum* community with mixed shrubs. Associated with *Amelanchier alnifolia* and *Agropyron spicatum*.

Minimum Elevation: 3680 feet Maximum Elevation: 3800 feet Size: 5 AC

Land Owner/Manager: Bureau of Land Management; The Nature Conservancy

Ownership Comments: Lower Snake River District BLM, Cascade RA, and The Nature Conservancy's Hixon Sharptail Preserve.

**Comments:**

Protection Comments: Occurrence is located within the "Hixon Pasture" enclosure, a part of the Hixon Columbian sharp-tailed grouse Habitat Management Plan Area. A portion of the occurrences is contained within TNC's Hixon Sharptail Preserve.

**Management Comments:**

**Specimens:**

C. A. Wellner 2831 (ID) -- collection label reads "16 air miles NNE of Weiser, tributary of Sage Creek".

**PERAPHYLLUM RAMOSISSIMUM  
SQUAWAPPLE**

Occurrence Number: 006

Survey Site Name: DEER CREEK

County: Washington

USGS quadrangle: MANN CREEK NW

Latitude: 442614N Longitude: 1165244W

TOWNRANGE:	SECTION:	MERIDIAN:	TRSNOTE:
013N005W	25	BO	NE4

**Location:**

Approximately 15 miles NNE of Weiser. Occurrence area is accessible via foot from the Deer Creek road. This road is a spur off of the Mann Creek road.

Survey Date: First Observed: 1980'S Last Observed: 1980's

**EORANK:**

**Population Data:**

1980's: No population information. Listed as a known site by Rosentreter (1986).

**Habitat Description:**

No information available.

Minimum Elevation: 3550 feet Maximum Elevation: feet Size:

**Land Owner/Manager:**

Lower Snake River District BLM, Cascade RA.

**Ownership Comments:**

May also be on nearby private land.

**Comments:**

**Protection Comments:**

Located within the Hixon Columbian sharp-tailed grouse Habitat Management Plan Area.

**Management Comments:**

**Specimens:**

**PERAPHYLLUM RAMOSISSIMUM  
SQUAWAPPLE**

Occurrence Number: 007

Survey Site Name: SOUTH OF FAIRCHILD RESERVOIR

County: Washington

USGS quadrangle: MANN CREEK NW

Latitude: 442637N Longitude: 1165405W

TOWNRANGE:	SECTION:	MERIDIAN:	TRSNOTE:
013N005W	23	BO	SE4
013N005W	26	BO	NE4

Location: Approximately 14 miles NNE of Weiser, and 1.2 and 1.8 miles south of Fairchild Reservoir. Access is via foot from the end of the Deer Creek Road. This road is a spur off the Mann Creek Road.

Survey Date: 1996 05 30 First Observed: 1960-07-05 Last Observed: 1996-05-30

EORANK: C

Population Data: 1960-1983: No data from several collections. 1996: Two subpopulations. The northern subpopulation is comprised of about ten individuals. The southern subpopulation contains about 50 plants; with about 40 in a dense clump and 10 others widely scattered. All are severely hedged and less than three feet tall. Vigor is assessed as poor. All fruits aborted. Observation by Bob Moseley, Idaho CDC.

Habitat Description: Xeric sagebrush/bluebunch wheatgrass habitat type in mid-seral condition. Bulbous bluegrass and cheatgrass are common. Other associates include *Sambucus cerulea*, *Purshia tridentata*, *Agropyron spicatum*, *Balsamorhiza sagittata*, *Lupinus laxiflorus*, *Achillea millefolium*, and *Lomatium dissectum*. Dry, south-facing slope hillside.

Minimum Elevation: 3600 feet Maximum Elevation: 3650 feet Size: 2 ACRES

Land Owner/Manager: Bureau of Land Management; private land

Ownership Comments: Lower Snake River District BLM, Cascade RA; private land.

Comments: Bob Mosely clarified the location of this occurrence during field work conducted for the Hixon Columbian sharp-tailed grouse Habitat Management Plan Area vegetation map project.

Protection Comments: Located within the Hixon Columbian sharp-tailed grouse Habitat Management Plan Area.

Management Comments:

Specimens:

V. Saab 194 (CIC) - collected 9/1/83; T. Stevens 126 (CIC) - collected 7/5/60; R. D. Bratz s.n. (CIC) - collected 5/5/61.

**Appendix 7**

**Location of sharp-tailed grouse observations in the HMP Area.**

**Map 1. Portion of Midvale Hill 7.5' U.S.G.S. topographic quadrangle.**

**Map 2. Portion of Mann Creek NW 7.5' U.S.G.S. topographic quadrangle.**

27' 30"

3291T

**Map 1**

**Location of Columbian sharp-tailed grouse observation**

4922

3730T

3503T

Creek

3418T

3313T

4921

3387T

3364T

4920

**T13N, R4W, sec 30**

25

3455T

30

29

3451T

3306T

3402AT

3390T

3400T

4919

**Portion of Midvale Hill 7.5' U.S.G.S. topographic quadrangle**

4918

3118T

BM 3337

BM 3297

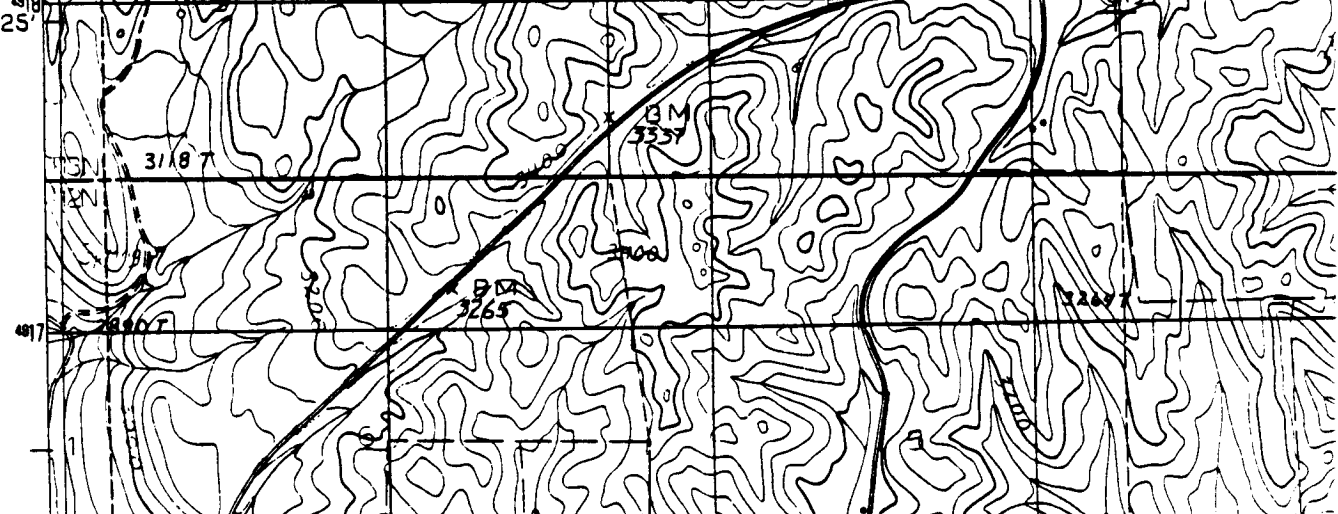
4917

3290T

BM 3265

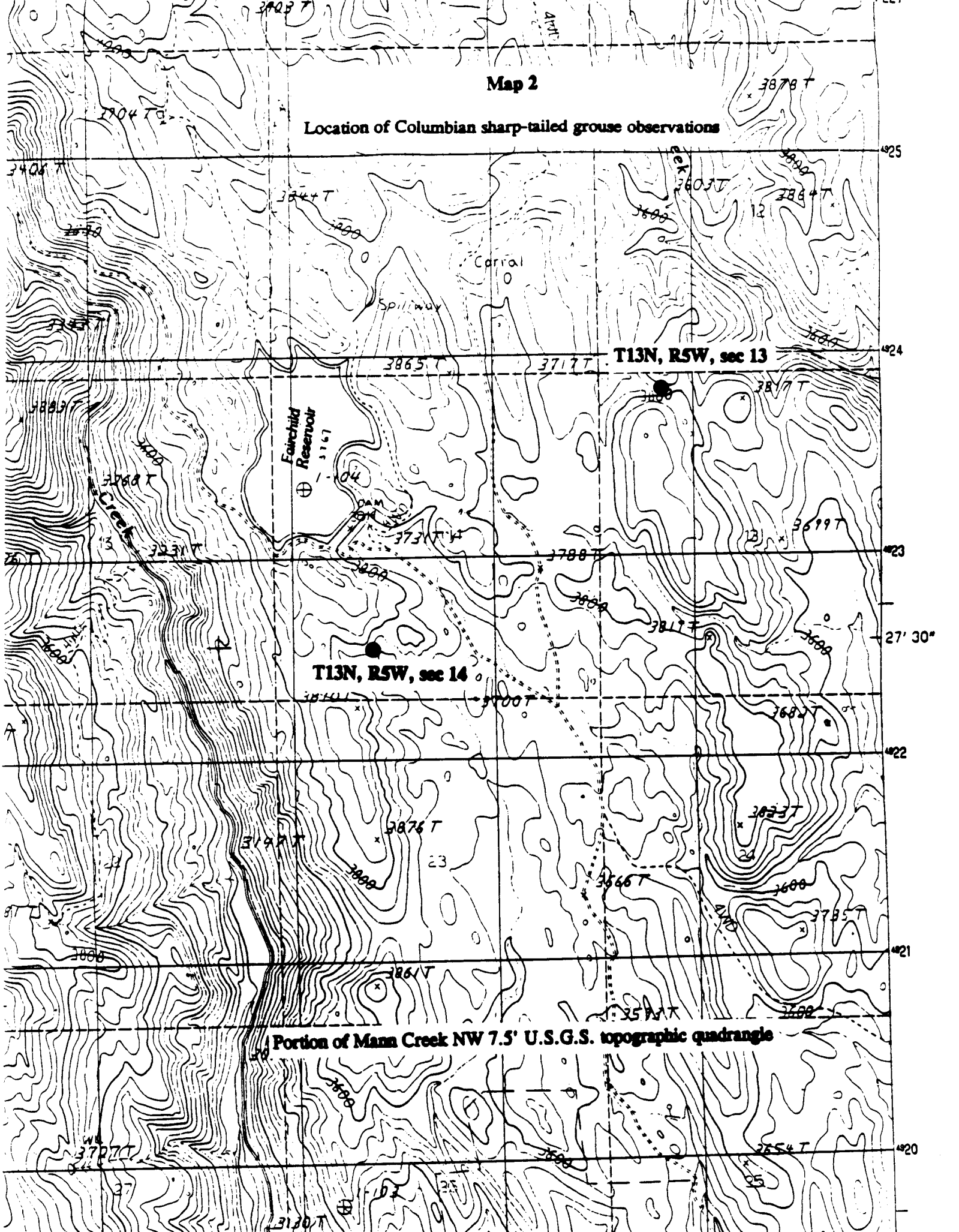
3247T

4917



Map 2

Location of Columbian sharp-tailed grouse observations



T13N, R5W, sec 13

T13N, R5W, sec 14

Portion of Mann Creek NW 7.5' U.S.G.S. topographic quadrangle

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