MICKEY BASIN ACSP12 SITE #2

OREGON NATURAL HERITAGE INFORMATION CENTER
RARE PLANT FIELD SURVEY FORM

Please complete all entries in the top section above the heavy line. Please complete as much as possible the more detailed section below the heavy line. You may use the back for comments or additional space. If possible, please attach a map of the location, preferably something of the same quality as a USGS 7.5' map.

Scientific Name: ACHNATHERUM SPECIOSUM

Date of Field Work: 06 07 08 (mo. day year) County: HARNEY Collection: ___Yes (_____), ✓No (coll #, herbarium)

Directions: ~2 MILE (EAST OF) PAST MICKEY HOT SPRINGS, TURN RIGHT (SOUTH). GO 2.4 MILES. SITE IS TOP ¼ OF LONG RIDGE TO THE NORTH OF ROAD.

Reporter: RAVEN WING Phone: (541) 495-2000

Address: 26218 EAST STEENS RD / PRINCETON, OR 97721

1. **LOCATION** - Attach separate map or sketch a map indicating exact site, scale and proximity to prominent features.
   - A. Plant found? ✓Yes ___No If no, reason: _____
   - B. Location: T 33 S R 36 E Sec 19 SW¼ of NE¼ of NE 1/4 (use back for more TRS)
   - C. Source of GPS coordinates (circle one): GPS (make & model GARMIN eTrex) or map (type & scale _____)
     GPS differentially corrected? ___Yes ___No W 118° 18.852' N 42° 40.175'
     Datum (circle): Nad 27, Nad 83, other _____. Easting/Longitude _____ Northing/Latitude _____
     Coordinate System (circle): UTM (Zone 10), UTM (Zone 11) or Latitude/Longitude
   - D. Owner/Manager: BLM
2. **SPECIES BIOLOGY**
   - A. Phenology: _____% in flower, 5 % in fruit, 95 % in leaf
   - B. Population size: Number of plants: 200 Area occupied: 40 ACRES
   - C. Age Class: _____% seedlings, _____% immature, _____% 1st year, 95 % mature, 5 % senescent
3. **HABITAT**
   - A. Plant communities/Habitat Description/Associated species: GREEN RABBITBRUSH, SPINY SKELETON WEED, ERIOGONUM
   - B. Aspect: SE (enter compass direction(s) or degrees)
   - C. Slope: _____slight (0°-20°), ✓moderate (20°-45°), ✓extreme (45°+), _____vertical
   - D. Topographic position: _____crest, ✓upper slope, _____mid-slope, _____lower slope, _____bottom
   - E. Light: ✓open, _____filtered, _____shade
   - F. Moisture: _____inundated, _____saturated, _____moist, ✓dry
   - G. Elevation range: 4500 to 4750 (choose unit: feet or meters)
   - H. Substrate/soil: SANDY, GRAVELLY, COBBLE & ROCK
   - I. Visible threats/potential disturbance: GRAZING
4. **DETERMINATION** - How was plant identified? (choose one or more, please fill in the source for each choice)
   _____keyed in flora, _____compared with specimen, ✓compared with photo/drawing,
   _____identified by someone else, _____other.
   Source (name of flora/which specimen/which drawing/name of identifier): HITCHCOCK
5. **PHOTOGRAPHS/SLIDES**
   Did you take a print or slide: ✓Yes (specify which) DIGITAL, _____No. May we obtain duplicates at our cost? ✓Yes ___No

Seed Test/Packaging Record

label goes here (1 1/8" X 3 1/2")
BLMOR-02008-09
ACSPIZ-OR020-MickeyHotSpgs-08
achnatherum speciosum
desert needlegrass

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 0	Date/Initials: 2-7-09 AC
OSU Sample Taken	# of pounds: .239	100 seed
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	94 %	REMARKS: ENTERED
Moisture Content	4.5 %	
Seed Count	189,700	

GERM ___ TZ 054 (100 seed only!) Strat Time: NC ___ 4C ___ 8C ___ 13C ___

PURITY ~99 % or NOXIOUS WEED only ___

MOISTURE CONTENT(use one of two methods below)

Dole Meter			**~~Moisture Analyzer~~** Hygro		
Dial Reading	M.C.	Grams	Temp °F °C	~~Time Used~~ RH	% M.C.
			68°	20 %	4.5 %

X-ray Results

94 % Filled

Results from 100 Seed X-ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. Of Sample: _____ gms
Wt. Of Impurities:
* Crops _____ gms
* Inerts _____ gms
* Weeds _____ gms
* Noxious _____ gms

Wt. Of all Impurities: _____ gms
Wt. Of Clean Seed _____ gms
TOTAL (Impurities + Clean Seeds) _____ **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = ~99 %

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).
.239 _____ _____ _____ _____
TOTAL of ALL Reps _____
Average _____

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = 2.39 = 1000 seed wt.
Seeds per Pound = 189,700

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.034	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	.034

ENTERED

Transaction Fee: _____ PLS = 189,700 x .94 x .99 = 176,535 x .034 = 6002 seeds Total

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks
	got it		

DATE	Start	Stop	Process	Initials
2-7-09	1320		226-test	AC
		1400	2270-pkg	AC

	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** _____ **Inventory Card** Y ___ **NA**

5/29/09 New INV crd w/ SOS#