

no 7

Mat

01

Lichen community sampling

Lichen quadrats are each 10cm by 10cm

Date: 4-12 Location:

Measurers:

Tree: 920-76gmu-76

Quadrat (cm above ground)	Total cover	Roughness
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Lichen

South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm):

Bole circ (cm):

Tree height (m): 7.5GPS: N 40° 08' 28" 41' W 111° 05' 56" 67'Canopy density: no illCore taken? yesGMMU-76Elev: 1366E: 167

Closest trees: 7.3 (201100), 2.0 (1508 E124C)
Large trees: 1.0 (1508 E124C), 1.0 (1508 E124C), 1.0 (1508 E124C)
Core taken? yes

Core taken? yes
Core taken? yes

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 10/24/13 Location: San Juan Measurers:

Tree: 41-07

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm): _____

Bole circ (cm): _____

Tree height (m): 6.1

GPS: N 41.0 08.285' W 111.0 56.544' Elev. 1364

Canopy density: 10.1% 20.9% 53.0% 11.0%

Core taken? ~~Yes~~ Yes

410 S&S+ Trees 12/20/3.5/0.5 Large Trees 17.7/2.0/3.5/0.5'

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 12-4-12 Location: 057th Measurers: Linnit, Linnit

Tree: L1-05 (Elm 35m 8m 45m 12.5m)

Quadrat (cm above ground)	Total cover	Rough mess	Lichen
South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm): —

Bole circ (cm): —

Tree height (m): 4.4

GPS: N 490 08.336 W 1110 56.527

Canopy density: N 96 W 20 S 96 E 21

Core taken? Y (2)

Closet Trees: 82, 19, 0.4, 43
Large Trees: 10, 19, 0.9, 43

85 (m)

(m)

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 4/11/12 Location: on tree Measurers:

Tree: 210006 (2NU29)

Quadrat (cm above ground)	Total cover	Roughness	
Lichen			
South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm):

Bole circ (cm):

Tree height (m): 6.9

GPS: N 41° 08.3' 15" W 111° 56' 53.5" Elev. 1368

Canopy density: N: 0 W: 63 S: 19 E: 63

Core taken? Yes

Closest: 46.9 (Hemlock), 13.5, 3.0 (Willow), 5.0 L0510, 736, 15.8, 30.8

tree to first crown 21.0

Lichen community sampling Lichen quadrats are each 10cm by 10cm
 Date: 12-31-01 Location: 6042th Measurers: Lanny/Lenny

Tree: L-L-01

Quadrat (cm above ground)	Total cover	Rough mess	Lichen
South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm): —

Bole circ (cm): —

Tree height (m): 7.9

GPS: N 41° 08.295' W 111° 56.760' ELEV: 1356

Canopy density: N: 66 W: 92 S: 21 E: 29

Core taken? YES

C/O east trees 6.6, 5.7, 5.4, 3.5

West trees 6.6, 5.7, 5.4, 3.5

100% F 13.0, 3.3

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 5/12 Location: on tree Measurers: Larnith, Luv

Tree: 800-19

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55			
South 80-90			Look in eyes.
North 45-55			
North 80-90			

DBH (cm):

Bole circ (cm):

Tree height (m): 11.6

GPS: N: 41° 08.786 W: 111° 56.629 Elev: 1359

Canopy density: N: 43 W: 130 S: 88 E: 28

Core taken? yes

10 East trees: 6.0 (Horn), 9.4, -0.3, Large Trees: 9.3, 13.0, -0.3, 14.0 3.0 (Horn)

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 12-3-12 Location: on path Measurers: Cami, Chad

Tree: 6m 59

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm):

Bole circ (cm):

Tree height (m): 6.2

GPS: N 41° 08' 29" W 111° 56' 51"

Canopy density: N: 23 W: 12 S: 29 E: 52

Core taken? YES

C/S East Trees: 3.5 (willow), 2.0 (willow), 1.5 (willow), 6.75 (willow) Large trees: 13.4, 4.7 (30ft) (m) 8.5, 1.8

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 12-4-12 Location: 001-201-032 (2) Measurers:

Tree: 820-32

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm):

Bole circ (cm):

Tree height (m): 5.4

GPS: N 410 08.288 W 1110 56.618 Elev. 1262

Canopy density: N: 86 W: 84 S: 96 E: 96

Core taken? Y

Closet Trees: 20.7, 6.9, 0.4, 2.2 Large Trees: 21.6, 9.0, 4.1, 11.9 (Chenier)

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 4/2 Location: Measurers:

Tree: 22-03

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55			
South 80-90			
North 45-55			closed trees 1.3, 1.8, 0.8 5.0 (4.0, 2.0, 2.0) 1.3, 1.8, 0.8 1.3, 1.8, 0.8 Large trees: 2.0, 6.1
North 80-90			
DBH (cm):			
Bole circ (cm):			
Tree height (m):	8.3		
GPS:	N 40° 08', 3.57	W 110° 56', 6.90	Elev. 1265
Canopy density:	N: 96	W: 76	S: 96 E: 88
Core taken?	yes		

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 12-4-12 Location: 0.2722 Measurers:

Tree: 300-16

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm):

Bole circ (cm):

Tree height (m): 5.4

GPS: N 41° 08.298' W 111° 56.614'

Canopy density: N 5.0 W 4.8 S 9.6 E 4.8 Elev: 1363

Core taken? Yes

Chlorophyll TCAD: 4.045, 10.600 Large trees: 4.0, 4.5, 10.6 0.0

Lichen community sampling Lichen quadrats are each 10cm by 10cm
 Date: 12-3-12 Location: 30722 Measurers: Lous, Lous, 2
 Tree: L6022

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55	φ 20	φ	
South 80-90	φ 25	φ	
North 45-55	φ 35	φ	
North 80-90	φ 20	φ	

DBH (cm): 3.9

Bole circ (cm): 28

Tree height (m): 3.0

GPS: N 41° 08.333 W 110° 56.527 Elev. 1360

Canopy density: N: 4 W: 70 S: 4 E: 0

Core taken? YES

C608451 Tree: 4.4, 13.3, 1.0, 2.2 Lous, Lous, 2
 (m) Lous

212

12-3-72

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: ~~3-3-72~~ Location: ~~405~~ Measurers:

Tree: L2-11 ~~507ah~~

Quadrat (cm above ground)	Total cover	% Roughness	Lichen
South 45-55	φ	10	φ
South 80-90	φ	5	φ
North 45-55	0.1	5	Lec. Black! 0.05 X. 3-1! 0.05 Cord! 0.05
North 80-90	φ	2	φ
DBH (cm): 6.1			
Bole circ (cm): 41.5			
Tree height (m): 3.0			
GPS: N 41° 08.373' W 110° 56.663' E 1201366			
Canopy density: N 13 W 10 S 12 E 10			
Core taken? Yes			
C/A 5454 Trees: 4.0, 5.0, 6.1 3.0 (Rhys?) Loge + 145, 7.8, 10.0, 10.0, 14.8			

12-3-12

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 3/12 Location: Santa Rosa Measures: L, m, t, Cand

Tree: L-L-12

Quadrat (cm above ground)	Total cover	% Roughness	Lichen
South 45-55	5	20	X, Gal: 5.0, Cand: 0.1
South 80-90	10	35	X, Gal: 8.0, Cand: 0.25, Foliose Brown-green: 0.1
North 45-55	69	45	Cand: 3.5, X, Gal: 8.50, L Lec. Black: 1.0, X, mcl. 1.5 → might just be X, Gal, X, mcl. 1.0, Foliose Brown-green: 0.5
North 80-90	30	20	X, Gal: 2.0, Cand: 2.1, Lec: 0.25
DBH (cm): 7.0			
Bole circ (cm): 34.0			
Tree height (m): 3.8			
GPS: N 41° 08.33' W 111° 56.78'			Elev: 1360 m
Canopy density: N: 50 W: 48 S: 23 E: 95			
Core taken? YES			
Clo 5.5, 5.7, 5.9, 6.1, 6.4, 6.6, 6.9			Large trees: 10, 14, 4.6, 1.9

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 3/12 Location: on tree Measurers: Cand, Carit

Tree: 22-13

Quadrat (cm above ground)	Total cover	% Roughness	Lichen
South 45-55	1	30	X. gel: 0.5 Lec Black: 0.1 Cand: 0.1
South 80-90	4	15	X. gel: 1.0 Lec. Black: 1.0 Cand: 2.0
North 45-55	1.5	40	X. gel: 0.25 Lec. Black: 0.1 Cand: 1.0
North 80-90	10	10	Lec. Black: 1.1 (almost all on smooth bark) Cand: 2 → also mostly on smooth bark X. gel: 0.5
DBH (cm): 4.3			
Bole circ (cm): 2.8			
Tree height (m): 2.8			
GPS: N 41° 08.378' W 110° 56.830' Elev: 1369			
Canopy density: N: 95 W: 80 S: 10 E: 96			
Core taken? Yes			
c/o Sect - Trees: 3, 1 (with 0.5, 0.5, 0.5, 0.6) Large trees: 15.6 (4.0, 1.0, 2.1, 6 (Fremont)) 3.2 (Fremont)			

12-3-12

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: ~~12-3-12~~ Location: Central Measured by: Lamin, 2ndTree: ~~12-14~~

Quadrat (cm above ground)	Total cover	Roughness
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Lichen

South 45-55	0	2	0
South 80-90	0	5	0
North 45-55	0.1	10	X, 3rd: 0.1
North 80-90	0	10	0

DBH (cm): 4.3

Bole circ (cm): 24.5

Tree height (m): 2.5

GPS: N 41° 08.38' W 111° 56.795'

Canopy density: N: 1 W: 0 S: 9 E: 8

Core taken? Yes

Closest trees: 4.5, 4.8, 2.6, 4.3 Logg. Trees: 8.0, 14.8, 10, 4.3

Elev: 1360

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 12-3-12 Location:

Measures:

Tree: 22-15

Quadrat (cm above ground)	Total cover	% Roughness
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Lichen

South 45-55	12	70	X. gal: 10 P. mel (dark green): 1.5 Cand: 0.1
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South 80-90	7	60	X. gal: 3.0 P. mel (dark green): 2.0 Cand: 1.0
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North 45-55	45	65	X. gal: 1.32.0 Lec. Black: 0.25 P. mel (dark green): 1.40 Cand: 1.15 X. mont: 1.50 Cup. moss: 0.25 Lec. 1.334: 0.1 P. ascend: 0.05 Rhizo (3): 0.1
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North 80-90	65	50	Cand: 0.5 + 1.0 C. holo: 0.1 X. mont: 3.0 X. gal: 3.0 Lec. Black: 0.25 + 0.25 P. mel (3) (dark green): 2.15 P. ascend: 0.1
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DBH (cm): 10.3

Bole circ (cm): 53.0

Tree height (m): 4.3

GPS: N 41° 08.333' W 111° 56.793'	Elev: 1358
Canopy density: N: 1 W: 42 S: 24 E: 12	
Core taken? Yes	
Closet Trees: 2.3, 12, 40, 42	109c Trees: 4.0, 14.3
cm	cm
	11.8, 4.2

Lichen community sampling Lichen quadrats are each 10cm by 10cm
 Date: 12-3-12 Location: 2:42 Measurers: CW, LMM, J
 Tree: 16-16

Quadrat (cm above ground)	Total cover	Rough mess.	Lichen
South 45-55	0.01	3.0	X.341: 0.01
South 80-90	0.1	2.0	X.341: 0.1
North 45-55	0.11	3.0	X.341: 0.01 Cand: 0.1 0.1 no apothecia collected
North 80-90	0.25	2.0	X.341: 0.25
DBH (cm): 3.0			
Bole circ (cm): 18			
Tree height (m): 2.7			
GPS: N 41° 08.356 W 111° 56.796'			Elev: 1368
Canopy density: N: 18 W: 196 S: 96 E: 61			
Core taken? YES			
C/SSEST Trees: 1.5, 4.4, 3.1, 1.8			Large Trees: 2.8, 4.6, 1.8, 1.8

(m)

(m)

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 12-3-12 Location: Wapinitz Measures: Cas, Can

Tree: L2-17

Quadrat (cm above ground)	Total cover	% Roughness	Lichen
South 45-55	0.1	15	X. gel: 0.1
South 80-90	0.1	10	X. gel: 0.1
North 45-55	1.0	25	X. gel: 0.25 Cand: 0.25 Rhino. 0.025; 0.1 the above 0.01
North 80-90	0.0	10	X. gel: 0.01
DBH (cm): 8.1			
Bole circ (cm): 32			
Tree height (m): 6.2			
GPS: N 41008.342 W: 1110 56.804 # Elev. 1360			
Canopy density: N: 71 W: 82 S: 95 E: 73			
Core taken? YES			
C10 3854 T1 005114, 41, 3.7, 1.5			
L230 T1 005120, 41, 4.1, 1.5			

24 Nov 12

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 12-12-12 Location: 20705175 Measures: Lichen 12m

Tree: 22-18

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55	0.01	15	X 321: 0.01
South 80-90	0	10	0
North 45-55	0.01	6.0	X 321: 0.01
North 80-90	0	20	0

DBH (cm): 4.4

Bole circ (cm): 17.5

Tree height (m): 4.6

GPS: N 41° 08.288' W 111° 56.639'

Elev: 1362

Canopy density: 20705175 E: 51

Core taken? Yes - 20705175

Core taken? Yes - 20705175

(cm)

Core taken? Yes - 20705175

(cm)

9.5/4.2

6.9

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 12-3-12 Location: Grntd Measurs:

Tree: 12-19 → double leader (ORH as both leaders)

Quadrat (cm above ground)	Total cover	Roughness	Lichen
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South 45-55	φ 25	φ	
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South 80-90	0.1	5	X. good, 0.1
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North 45-55	φ 10	φ	
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North 80-90	0.01	4.0	X. good: 0.01
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DBH (cm): 10.2 Total of both leads = what 111

Bole circ (cm): 13.0

Tree height (m): 4.4

GPS: N 41° 08' 28.9 W 111° 56' 6.9 Elev: 1364

Canopy density: N: 14 W: 96 S: 29 E: 96

Core taken? YES

C 10 S 45 S 12 Trees: 3, 6, 2, 0, 2, 2, 0, 4 Large Trees: 6, 0, 2, 0, 2, 2, 1, 9

Janice Note

Lichen community sampling Lichen quadrats are each 10cm by 10cm
 Date: 3-12 Location: *us 70* Measurers: *Carmit, Car*
 Tree: *LL-20*

Quadrat (cm above ground)	Total cover	Roughness	
<u>Lichen</u>			
South 45-55	<i>φ</i>	<i>40</i>	<i>φ</i>
South 80-90	<i>φ</i>	<i>15</i>	<i>φ</i>
			<i>Super Zec 0611</i>
North 45-55	<i>φ</i>	<i>5</i>	<i>φ</i>
North 80-90	<i>φ</i>	<i>5</i>	<i>φ</i>

DBH (cm): *8.1*
 Bole circ (cm): *30*
 Tree height (m): *3.8*
 GPS: *N 41° 08.318 W 111° 56.6431* Elev. *1357*
 Canopy density: *N: 0 W: 7.0 S: 0 E: 168*
 Core taken? *Yes*
Chesest Tree: *2.0, 1.25, 3.1, 3.7* *2.0, 1.3, 3.7*
(m) *(m)*

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 4/12 Location: W. K-2 Measurers:

Tree: L-02

over →

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm):

Bole circ (cm):

Tree height (m): 5.2

GPS: N 41° 08.342 W 120° 51.21 S 16 111° 56.638 E 12 1357

Canopy density: 10:20 10:21 5:6 12

Core taken? YES

Chasces + Trees: 5.300 (K2.5), 2.0 (K2.5), 3.1 Large Trees: 19.8, 6.5, 2.7, 3.1

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: ~~10/10/12~~ Location: ~~08/10/12~~ Measures:

Tree: ~~LL-24~~ 16' South SE 8-83 *Paisley*

Quadrat (cm above ground)	Total cover	% Roughness	Lichen
South 45-55	40	85	X. mont: 1.0 Cond: 0.25 P. Ysa ascend: 1.0 P. mel (brown-green foliose): 1.5 N. x. l. x. s. m. d. 69% 69% 69%
South 80-90	35	90	X. gal: 1.20 X. mont: 0.75 Cond: 0.25 ASS monoch: 69% Little Black Bull: 0.01 Bung Chever: 69% Choad Licker: 67%
North 45-55	50	65	X. gal: 1.30 X. mont: 1.40 Lec. Brown: 0.25 C. Holo: 0.25 Lec Black/K. Holo: 0.25 P. mel (Brown-green foliose): 3.0 Cond: 0.25 Utm. P. Ysa: 0.25 Green foliose: 0.25
North 80-90	3	70	X. gal: 1.30 P. mel (Brown-green foliose): 1.0 unk. grey foliose: 1.0 X. mont: 1.20 Lec. Brown: 0.25 Lec Black/K. Holo: 0.25

DBH (cm): 16.6

Bole circ (cm): 30.5

Tree height (m): 6.5

GPS: N 41° 08.331' W 111° 56.717'

Canopy density: N 1.94 W 1.63 S 1.48 E 1.96

Core taken? YC

Closest Tree: 20.5 (Hawthorn), 20 (K. Holo), 1.9 (Willow) Large Trees: 4.0, 1.6, 2.5

2.7

2.7

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 1-1-12 Location: untr 2 Measurers: Leo, Leo 2

Tree: L2-21

Quadrat (cm above ground)			Total cover	Roughness	Lichen
South 45-55	∅	35	∅		
South 80-90	∅	25	∅		
North 45-55	0.01	35	4321; 0.01		
North 80-90	∅	20	∅		
DBH (cm): 7.4					
Bole circ (cm): 41					
Tree height (m): 4.3					
GPS: N 41° 08.321 W 111° 56.651 Elev. 1354					
Canopy density: N:15 W:60 S:1 E:24					
Core taken? Yes					
C/O 345t Trees: 6.0, 1.1, 2.0, 2.0 Large Trees: 14.1, 3.0, 3.0, 2.0					

(m)

(m)

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 10/3/2013 Location: N. Utah Measurers: Lemitt, Leeb

Tree: 252-08

Quadrat (cm above ground)	Total cover	% Roughness	Lichen
South 45-55	0	5	0
South 80-90	0	10	0
North 45-55	0.25	10	X.3cm: 0.25
North 80-90	0.1	3	X.3cm: 0.1

DBH (cm): 4.1

Bole circ (cm): 22.5

Tree height (m): 3 m

GPS: N 41° 08.315' W 111° 56.630'

Canopy density: N=0, W=25, S=80, E=0 From 1.5-2m away from tree

Core taken?: Yes From about 15-20cm height. 3 Cores taken → one split, one good

Four closest trees: 250, 252, 11.2, 259 Distance to larger trees: 5.5, 19.4, 26.2, 4.1

(m) over 5 meters + >10cm diameter (DBH)

add 1 m x 1 m

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 11-3-11 Location: Wm Trk

Measurers:

Tree: 11-09

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55	0.25	70	X.gal = 0.25
South 80-90	2	75 75	X.gal = 2
North 45-55	7	70	Rhino = 0.1 → maybe a black Lec, Cald = 0.1 X.gal = 7
North 80-90	1.0	40	X.gal = 1.0
DBH (cm): 10			
Bole circ (cm): 48			
Tree height (m): 24.4 total			
GPS: N 41° 8.340 min W 111° 56.612 min			Elevation = 1361 m
Canopy density: 2196			2196 5194 E 195
Core taken? YES			
Closest trees 3.1, 1.3, 0.3, 0.8			1.0 gal Tree 2: 1.3, 4.9, 1.3, 0.3, 0.8
cm)			cm)

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 12-3-12 Location: 021223 Measurers:

Tree: 12-3-12 ~~12-3-12~~ 22-10

Quadrat (cm above ground)	Total cover	% Roughness	Lichen
South 45-55	ϕ	25	
South 45-55	ϕ	ϕ	
South 80-90	ϕ	10	ϕ
North 45-55	1.5	75	x. 341, 0.5 Cand, 0.5 Lec (3); 0.07 - possible
North 80-90	ϕ	2	ϕ
DBH (cm): 7.0			
Bole circ (cm): 30.1			
Tree height (m): 3.6			
GPS: N 41° 08.337' W 111° 56.649' Elev: 1362 m			
Canopy density: N: 5 W: 22 S: 86 E: 0			
Core taken? Yes			
C 10 Set + 100: 16, 7.1, 3.7, 0.8			
Cm			
Large + 100: 29, 11.3, 43.6, 3.3			
Cm			

6495 →

Lichen community sampling Lichen quadrats are each 10cm by 10cm
 Date: 4-12 Location: W. 1st Measures:
 Tree: L1-23

Quadrat (cm above ground)	Total cover	% Roughness	Lichen
South 45-55	0.5	20	X. 321: 0.5
South 80-90	0.1	25	X. 321: 0.1
North 45-55	0.75	35	X. 321: 1.5 Cand: 0.1
North 80-90	0.05	5	X. 321: 0.05
DBH (cm): 7.0			
Bole circ (cm): 31.5			
Tree height (m): 5.2			
GPS: N 41° 08.348 W 111° 56.729			Elev: 1368
Canopy density: N 19% W 9% S 20 E 12%			
Core taken? Yes			
Core S&T Trees: 4.1, 2.0, 1.3, 0.0, 0.0			Large Trees: 4.1, 1.3, 3.0, 0.0, 0.0

300468
R-nest
Tree: 300468 R-nest (1m South of 300468) - tag

Lichen community sampling Lichen quadrats are each 10cm by 10cm
Date: 12/12/13 Location: 300468 R-nest Measurers:

Quadrat (cm above ground)	Total cover	Roughness	Lichen
South 45-55			
South 80-90			
North 45-55			
North 80-90			
DBH (cm):			
Bole circ (cm):			
Tree height (m): 3.2			
GPS: N: 41° 08.308 W: 111° 56.655 E: 1324			
Canopy density: N: 96 S: 86 E: 1.0			
Core taken? YES			
Closest Trees: 8.0 (Willow), 1.0/3.2, 2.8 (m)			Large Trees: 12.8, 1.0, 10.1, 2.8 (m)

Lichen community sampling Lichen quadrats are each 10cm by 10cm

Date: 3-12-12 Location: WNF 25 Measurers:

Tree: 874-13

Quadrat (cm above ground)	Total cover	Rough ness	<u>Lichen</u>
South 45-55			
South 80-90			
North 45-55			
North 80-90			

DBH (cm):

Bole circ (cm):

Tree height (m):

GPS: N 41° 08.306'

Canopy density: N 12°

Core taken? Y/N

Closet

W 111° 56.621'

W 196° 59.0136'

W 196° 59.0136'

W 196° 59.0136'

Elev: 1361

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Large Trees: 1.4, 4.0, 0.5, 4.0

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