

## UPLAND FIELD VEGETATION

FIELD NO. 123 Plot no.: 1 date: 1 July 1985

## LOCATION

Base point landmark:

Polar coordinate direction: 348° 930 paces

Avr. slope: 11° Slope position: upper slope

Aspect: SEfacing

Comments on topography and environment:

Slope nearly uniform throughout the plot  
No exposed bedrock

Comments on vegetation structure:

Comments on vegetation structure:  
Shrubs rare, herb cover nearly, but not totally complete  
Trees and saplings prominent in plot

## TRANSECTS

Cover of woody vegetation

spp. code

cover along transect (cm)

July

35

80

*Rhus glabra*



Cornu' vac

7

Rosa multiflora

x

\* mostly Cladonia evostatella

FIELD NO. 123 PLOT NO. 1 DATE: 1 July

QUADRATS

% cover of herbaceous and creeping vegetation  
(x=present in the plot but not the quadrats, += >0 but <1 % cover)

species/present percentage

rock 2

bare soil 12 8 5 3 4 2

mosses +

lichens\* 3 7 4 4 4

*Solidago* sp. 1 22 8 2 8 5 3

*Rumex acetosella* 2 15 5 2 10 2 20

*Hieracium* sp. 2 4 4 2 +

*Fragaria virginiana* 3 40 8 10 2 2 3

*S. gig/ S. canad* *Andropogon scoparius* 75 80 60 60 35 80 95 95

*Solidago* sp. 2 2 2 +

*Linaria vulgaris* + + 2

*Solidago* sp. 3 2

*Hypericum perforatum* +

*Poa compressa* 2

JUVI 40 50

*Silene cucubalus* X

*Eragrostis* sp. X

*Dianthus armeria* X

*Trifolium agrarium* X

*Chrysanthemum leucanthemum* X

Density of woody seedlings

JUVI 2

TREES

DBH measurement, in cm

spp. code 0-2 2-4 4-6 6-8 8-10 >10 cm

JUVI 1 1 1 1 1 14, 19, 4, 11

QUE 1

POTR 1



FIELD NO.: 123 PLOT NO.: 2 DATE: 3 July

Base point landmark: SE corner of stone wall field entrance

Polar coordinate direction: 294 0 92 paces

Avr. slope: 12° Slope position: upper slope

Aspect: NW facing

Hillside near top, levelling out @ upper end of plot

Trees, seedlings in herbaceous vegetation  
Shrubs rare

## Cover of woody vegetation

spp. code      cover along transect (cm)

[illegible]



FIELD NO. 123 PLOT NO.: 2 DATE: 3 July

QUADRATS

% cover of herbaceous and creeping vegetation

(x=present in the plot but not the quadrats, += >0 but <1 % cover)

species/present

\*primarily *Cladonia cristatella*

\*percentage, \**Chrysanthemum leucanthemum*

x *Pycnanthemum flexuosum*

x *Eupatorium*  
x *Diastylis*  
x *hypoxifolium*

litter +

rock								
bare soil	10	12	2	5	30		8	5
mosses		+						
lichens	5*	6*	+		5	+	+	
? <i>Hieracium</i> sp.		4						
<i>Fragaria virginiana</i>	5	+	2		4	+		
<i>Trifolium agrarium</i>	+				+			
<i>Rumex acetosella</i>	5	10	10	8	18	20	8	10
<i>Gerardia laevigata</i> ?	+							
<i>Solidago</i> sp. 1	30	12	25	10	10	8	2	2
<i>Solidago</i> sp. 2	2	4						
<i>Hieracium florantinum</i>	8	4	2			+		10
<i>Andropogon scoparius</i>	60	40	70	60	40	80	80	80
<i>Santhalia spicata</i>	+	+	+		15	+		
<i>Linaria vulgaris</i>			2	+			+	+
<i>Poa compressa</i>				30				
? <i>Lycopodium lucidulum</i>				2				
<i>Solidago</i> sp. 3								
<i>Achillea millefolium</i>					3			
JUVI						10		
<i>Silene cucubalus</i>						4		
Density of woody seedlings								
JUVI		1						

x *Eriogonum*  
x *Diastylis americana*

TREES

DBH measurement, in cm

spp. code	0-2	2-4	4-6	6-8	8-10	>10 cm
JUVI	NIL	1	1		11	11.5, 13, 12, 11.5, 7, 13

*Penstemon digitalis*

(see plot 1)  
(hairy)

*S. bicolor*  
E

Sns. wide



# UPLAND FIELD VEGETATION

FIELD NO.: 123 PLOT NO.: 3 DATE: 3 July

## LOCATION

Base point landmark: SE corner of field  
S corner of stone wall field entrance

Polar coordinate direction: 248 ° 52 paces

Avr. slope: 0 Slope position: hilltop

Aspect: none

Comments on topography and environment:

Flat, hilltop

Comments on vegetation structure:

Mostly a shrub thicket < 1m in ht, w/ Juniperus trees  
and sedge throughout. Herbaceous cover almost exclusively grasses  
and Composites

## TRANSECTS

Cover of woody vegetation

spp. code cover along transect (cm)

Rhus gl 12, 43, 60, 70; 50, 17, 57; 123, 25, 55, 90, 38

Corn ra 48, 120, 225, 50; 80, 25, 10, 15; 24, 80, 45  
45, 75, 35, 105

JuVI 25; 38; 277

Sali ri 70

FIELD NO. 123PLOT NO.: 3DATE: 3 July

## QUADRATS

% cover of herbaceous and creeping vegetation

(x=present in the plot but not the quadrats, += &gt;0 but &lt;1 % cover)

species/present

percentage

rock

bare soil

mosses

lichens

*Solidago* sp.1*Balbosa vulgaris**Veronica officinalis**Solidago graminifol**Eupatorium hyssopifol**Andropogon scopar**Fragaria virginiana**Rumex acetosella**Achillea millefol**Polygonum* ~~*circulare*~~

unknown sp.

*Oxalis stricta*Chrys.  
leucanth.  
EPycnanthemum  
flexuosum  
EConvolvulus  
sp.  
E

Density of woody seedlings

FRAM

## TREES

DBH measurement, in cm

spp. code

0-2

2-4

4-6

6-8

8-10

&gt;10 cm

Juvi

PRSE



# UPLAND FIELD VEGETATION

FIELD NO.: 123 PLOT NO.: 4 DATE: 8 July

## LOCATION

Base point landmark:

*Corner of field, S corner of stone wall entrance to field*

Polar coordinate direction: 341° 173 paces

Avg. slope: ~0 Slope position: hilltop/local depression

Aspect: slightly E facing

## Comments on topography and environment:

*flat, little or no slope; in lower area between ridges*

## Comments on vegetation structure:

*Shrubs, many < 1m, w/in herb matrix thickets*

*Large trees to 8m, common and dominant in the plot*

## TRANSECTS

Cover of woody vegetation

spp. code cover along transect (cm)

*Cornu ra 40, 230, 210, 35, 43, 73, 40, 15, 70, 55, 25*

*Rham ca 123, 58, 30*

*JUVI 450, 140, 280, 50, 200, 190*

*Cornu am 17,*

*99@6°*

*12 off 320°*



DATE: 8 July

## species/present

percentage

JUVI

>10 cm

14, 12, 13.5, 11.5, 14, 14

A



# UPLAND FIELD VEGETATION

FIELD NO.: 123 PLOT NO.: 5 DATE: 9 July

LOCATION SE corner of field, on woods road  
Base point landmark: SE corner of stone wall field entrance

Polar coordinate direction: 59 ° 105 paces

Avr. slope: 25° Slope position: upper slope

Aspect: E facing

Comments on topography and environment:

Near hilltop, mostly steep hillside  
no visible exposed bedrock

Comments on vegetation structure:

Part of the plot is a shrub thicket, the rest w/ shrubs  
and trees in herbaceous material. Trees mostly > 2m

## TRANSECTS

Cover of woody vegetation

spp. code cover along transect (cm)

Rhus gl 25, 150, 50

Juvi 535; 125; 170; 340

Copa ra 535; 125; 170; 340

PRSE 530; 40

Loni mo 60; 190

Rham ca 50; 25

COFL 10 (← tree, but knocked down)

Eleagnus argentea (commonis) X

FRAN seedling X

QUAZ seedling X

## TREES

DBH measurement, in cm

spp. code	0-2	2-4	4-6	6-8	8-10	>10
<u>Juvi</u>	<u>14</u>	<u>111</u>	<u>1</u>	<u>111</u>	<u>1</u>	<u>15.5, 12.5, 14, 17.5</u>
<u>QUVE</u>		<u>1</u>				
<u>PRSE</u>		<u>1</u>				
<u>ULAM</u>						<u>13.5</u>
<u>ACRU</u>		<u>1</u>				

FIELD NO. 123 PLOT NO.: 5 DATE: 9 July

QUADRATS

% cover of herbaceous and creeping vegetation

(x=present in the plot but not the quadrats, += >0 but <1 % cover)

species/present	percentage							
rock	+	+			+			
litter & bare soil	5	20	85	20		10		15
mosses								
lichens					+			
<i>Trifolium repens</i>	2			5	+			
<i>Solidago</i> sp. 1	8	20		20	10	60	10	
<i>Linaria vulgaris</i>	+			+				
<i>Rumex acetosella</i>	5	25				10		
<i>Veronica officinalis</i>	10		+					
<i>Eragrostis virginiana</i>	5	20	2	18	6	20		
PRSE	+							
composite rosette	2	2						
<i>Poa</i> sp.	25				5		85	65
<i>Andropogon scoparius</i>	45	25		50	55	25		
<i>Satureja vulgaris</i>		+		2		+		2
<i>Hieracium</i> sp. (flor)	3	3						
<i>Potentilla simplex</i>		5	2			25		
<i>Achillea millefolium</i>		+		25	+	+		
<i>Oxalis stricta</i>		+		+	+	+		
<i>Chrysanthemum tenu</i>		+						
<i>Blidago</i> sp.					4			
<i>Solidago rugosa</i>			5					
<i>Coxiostemon</i> rad			15	8	8		2	
<i>Galium mollugo</i>			+					
"Barbarea-type"			2					
<i>Parthenocissus quin</i>								5
"Polygonum-type" (= <i>Convolvulus</i> sp.)								8
<i>Eilene cucubalus</i>							2	
<i>Rubus</i> sp. (flag)							2	
JUVI								2

Density of woody seedlings

PRSE	2							
JUVI	1							

X *Rudbeckia hirta*  
*Hypoxis perforatum*

*Plantago lanceolata*