

## UPLAND FIELD VEGETATION

FIELD NO.: 177 PLOT NO.: 6 DATE: 2 July

## LOCATION

Base point landmark: *Stake marking corner of grid 178*

Polar coordinate direction: 193 ° ~~124~~ 124 pages

Avr. slope: 0 Slope position: Hilltop

Aspect: \_\_\_\_\_

Comments on topography and environment:

Flat, hilltop

Comments on vegetation structure:

Herbaceous w/ *Rubus* growing throughout

No trees. } found  
No shrubs. }

## TRANSECTS

TRANSECTS  
Cover of woody vegetation *none present*  
spp. code cover along transect (cm)

[illegible]

FIELD NO. 177 PLOT NO.: 6 DATE: 2 July

## QUADRATS

% cover of herbaceous and creeping vegetation

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(x=present in the plot but not the quadrats, += >0 but <1 %  
cover)
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species/present	percentage
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[illegible]

## TREES

DBH measurement, in cm

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



## UPLAND FIELD VEGETATION

FIELD NO.: 177 PLOT NO.: 7 DATE: 18 July

## LOCATION

Base point landmark: *Leid corner 178*

Polar coordinate direction: 266 <sup>0</sup> 54 pages

Avg. slope: none Slope position: hilltop

Aspect: normal

Comments on topography and environment:

Flat

Comments on vegetation structure:

Completely herbaceous, ~~the~~  
except single v. small shrub

## TRANSECTS

Cover of woody vegetation

spp. code	cover along transect (cm)
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Pyru ma X

TREES *none present*

DBH measurement, in cm

app. code	0-2	2-4	4-6	6-8	8-10	>10
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[illegible]

FIELD NO.

177

PLOT NO.:

7

DATE:

10 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

litter &amp; bare soil

mosses

lichens

<i>Galium mollugo</i>	50	30	15	8	22	30	5	10
<i>Lotus corniculatus</i>	18	25	10	2	22	3	15	12
<i>Pheum pratense</i>	35	30	70	75	25	12	15	20
<i>Agropyron repens</i>	5							+
<i>Doctylis glauca</i>	35							
<i>Trifolium agrarium</i>	+	2	+	2		2	+	10
<i>Plantago lanceolata</i>	2	5			+	+	+	+
<i>Potentilla recta</i>	2	5	3	3	2	+		2
<i>Hieracium</i> sp. (flor?)	8	+		7	10	+	20	25
<i>Taraxacum officinale</i>	+		2					
<i>Stellaria graminea</i>	+					?		
<i>Silene (cucubalus)</i>	+		+	+				
<i>Dianthus armeria</i>			+					
<i>Veronica officinalis</i>				+				
<i>Solanum carolinense</i>						+		
<i>Trifolium repens</i>								+
<i>Hypericum perforatum</i>	X							
<i>Andropogon scoparius</i>	X							

Density of woody seedlings none present



FIELD NO.: 177 PLOT NO.: 8 DATE: 10 July

Base point landmark:

Polar coordinate direction: 330 <sup>0</sup> 43 paces

Avg. slope: none Slope position: hill top

Aspect: Slightly N-facing

Comments on topography and environment:

flat

Comments on vegetation structure:

Herbaceous vegetation

Shrubs small, extremely rare

## Cover of woody vegetation

sp. code	cover along transect (cm)
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Српска 15

Loni mo x

*Fraxus serotina* X

TREES none present

DBH measurement, in cm

spp. code	0-2	2-4	4-6	6-8	8-10	>10
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[illegible]

FIELD NO. 177 PLOT NO.: 6 DATE: 10 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

mosses

lichens

<i>Andropogon elatius</i> → grass 1778A	45	15						
<i>Lotus corniculatus</i>	20		8	3	10	50	28	15
<i>Galium mollugo</i>	35	20	30	35	40	22	10	40
<i>Dactylis glomerata</i>	3		2				5	
<i>Hieracium</i> sp. (fl.)	2	3	30	25	5		+	20
<i>Oxycoccus carota</i>	+							
<i>Potentilla recta</i>	3	12		2	2	5	+	
ACSA	+							
<i>Phleum pratense</i>	<del>15</del>	15	45	30	40	25	50	45
<i>Linaria vulgaris</i>		+					+	
<i>Poa</i> sp. (comp?)		45	25	50	35			
<i>Potentilla simplex</i>			5					2
<i>Rumex acetosella</i>			3					
<i>Veronica officinalis</i>			+					
<i>Stellaria graminea</i>			+					
<i>Taraxacum officinale</i>			+			+	+	
<i>Silene cucubalus</i>			2			+	+	10
<i>Hypericum perforatum</i>				+				
<i>Trifolium agrarium</i>					5			
<i>Solidago</i> sp. 1						5		
<i>Erigeron</i> sp. (comp?) X								
<i>Achillea millefolium</i> X								
<i>Dianthus armeria</i> X								
<i>Centaurea maculosa</i> X								
<i>Bromus</i> sp. (inermis) X								

Density of woody seedlings

ACSA	1							



## UPLAND FIELD VEGETATION

FIELD NO.: 177 PLOT NO.: 9 DATE: 10 July

## LOCATION

Base point landmark: *grid corner 170*

Polar coordinate direction: 225° 10 pages

Avg. slope: none Slope position: hilltop

Aspect: Slightly E facing

Comments on topography and environment:

flat

Comments on vegetation structure:

on vegetation structure:  
Herbaceous vegetation cover almost complete  
Shrubs small, few, and very rare

Shrubs small, few, and very rare

## TRANSECTS

Cover of woody vegetation

spp. code	cover along transect (cm)
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Cornu ra 35

TREES *none present*

DBH measurement, in cm

spp. code	0-2	2-4	4-6	6-8	8-10	>10
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[illegible]

FIELD NO. 177 PLOT NO.: 9 DATE: 10 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								
mosses	+		+					
lichens								
<i>Galium mollugo</i>	12	15	12	10	12	30	20	40
<i>Cotus corniculatus</i>	15	25	10	12	20	15	8	30
<i>Phleum pratense</i>	35	30	25	5	60	55	50	35
<i>Dactylis glomerata</i>	3			15				
<i>Poa compressa</i>	18	+	5		18		20	15
rosette <i>Hieracium</i> sp.	45	35	45	15	2	3	30	25
<i>Trifolium agrarium</i>	18	2	4	22	3	12	18	15
<i>Plantago lanceolata</i>	2	+		3				
<i>Silene cucubalus</i>	2							
<del><i>Dianthus armeria</i></del> <i>Dactylis glomerata</i>	3							
<i>Rubus</i> sp. "H"		5						
<i>Rumex acetosella</i>		5					20	27
<i>Fragaria virginiana</i>			5	+			18	
<i>Dianthus armeria</i>			+	2	2			
<i>Oxalis stricta</i>			+					
<i>Carex</i> sp.				3			+	
<i>Bromus</i> sp. (inermis <del>AE</del> E)				10				5
<i>Potentilla recta</i>				3	2	10	12	15
<i>Taraxacum officinale</i>				+		+	+	+
<i>Solidago</i> sp. 1					5	2		
<i>Solanum carolinense</i>					+	+		
<i>Anthoxanthum odoratum</i>					2			
<i>Linaria vulgaris</i>					+			
<i>Parthenocissus quinque</i>						+		
<i>Andropogon scoparius</i>							10	

Density of woody seedlings *none found*

<i>Junco</i> sp. (tenuis <del>E</del> E)							5	
<i>Hypericum perforatum</i> X								
<i>Achillea millefol.</i> X								



## UPLAND FIELD VEGETATION

FIELD NO.: 177 PLOT NO.: 10 DATE: 12 July

## LOCATION

Base point landmark:

Polar coordinate direction: 286 <sup>0</sup> ~~60~~ 60 paces

Avg. slope: none Slope position: hilltop

Aspect: *none*

Comments on topography and environment:

Flat, hilltop; rocky ~~soil~~, thin soil

Comments on vegetation structure:

Almost exclusively herbaceous vegetation  
only a few small shrub individuals, rare  
90%

## TRANSECTS

Cover of woody vegetation

spp. code	cover along transect (cm)
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Corn ra 20

TREES

DBH measurement, in cm

spp. code	0-2	2-4	4-6	6-8	8-10	>10
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[illegible]

FIELD NO. 177 PLOT NO.: 10 DATE: 12 July

QUADRATS

% cover of herbaceous and creeping vegetation

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

species/present	percentage							
<del>Solanum</del> <i>carolinense</i>								+
litter & bare soil				5	15	2		
mosses			2	+	2	+		
<del>Solidago</del> <i>rugosa</i>								+
<i>Phlox pilulifera</i>	20	30	30	15	12	22	25	20
<i>Agropyron repens</i>	+							
<i>Galium mollugo</i>	<del>25</del> 25	12	18	15	22	15	42	10
<i>Lotus corniculatus</i>	8	15	12	8	8	6	6	
<i>Rumex acetosella</i>	12	8	10	4			3	3
<i>Poa sp.</i>	5	10						+
<i>Oxalis stricta</i>	+	4			+			
<i>Trifolium agrarium</i>	+	+	10		8	+		
<i>Pentstemon lanceolatus</i>	2		+					
<i>Hieracium sp.</i>	20	+					<del>25</del>	70* (includes Hier. flor below)
composite rosette	+	2	+		+	+		
<i>Potentilla simplex</i>	+			+				
<i>Linaria vulgaris</i>		+						+
ACSA		+						
<i>Potentilla recta</i>		+	10	5	12	10	5	+
<i>Dactylis glomerata</i>			3	8				
<i>Fragaria virginiana</i>			4				14	4
<i>Andropogon scoparius</i>			2					
<i>Silene cucubalus</i>			2					
<i>Solidago sp. 1</i>			+	+	+	2	+	
<i>Taraxacum officinale</i>			+			+		
<i>Hieracium florentinum</i>				10			25	*
<i>Trifolium sp.</i>				+				
<i>Veronica officinalis</i>				+	16			
<i>Solidago juncea</i> X								

Density of woody seedlings

ACSA	1							
<i>Poa compressa</i>					+	2		2
<i>Oenothera armeria</i>						+		+
<i>Hypericum perforatum</i> X								
<i>Achillea millefolium</i> X								