

Alpine Monitoring - Cover information for a single transect

Protected Area Name: Golden Ears

Transect (Site) Name: Transect Two

Transect (Site) ID (UTM coordinates, photos)

Transect Aspect: 46°

Date: July 27th 2023

Weather conditions: Partly cloudy, 17°C

Time: 10:42 / End 12:16

Observer/Recorders (Full first and last names of ALL observers): Riley, Dylan, Roisin, Kym, John R

General Observations:

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Percent cover in each plot

Plot #	UTM	Species-Sci name and/or Code	Common Name	bare ground (%)	rock (%)	litter (%)	Biocrust (%)	Scat (%)	Wood (%)	Other (%)
T2P1		LUET REC ATH 60%								
"		CARE NIG 15%								
"		LUZU PAR 2%								
"		HIER TRI 1%		HIER TRI = Herbaceous plant, diverse						
"		Moss (collected) 7%								
"		L. Her 10%								
"		Rock 15%								
"		JUNC PAR 1%								
T2P2		CARE NAR 50%	check 2019 Species name							
"		CARE NIG 1%	check 2019 species name							
"		LUZU PAR 1%								
"		MICR TOL 1%								
		JUNC PAR 3%								

*old yellow ribbons on plots removed & replaced with Pink flassing tape for transect one & Two -

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Weather conditions:

Time:

Observer/Recorders (Full first and last names of ALL observers):

General Observations:

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Percent cover in each plot

Plot #	UTM	Species-Sci name and/or Code	Common Name	bare ground (%)	rock (%)	litter (%)	Biocrust (%)	Scat (%)	Wood (%)	Other (%)
T2P2		Moss 25%								
"		Rock 20%								
"		MICR FER 0.2%								
T2P3	10U 538180 5426173	CARE NIG 50%								
"		MICR TOL 0.5%								
"		LUZU PAR 1%								
"		JUNC PAR 1%								
"		Moss 15%								
"		Rock 25%								
T2P4	10U 5381595 5426187	CARE NIG 4%	Slanted plot, lots of large rock							
"		Moss 25%								
"		Bare soil 4%								
"		CARE NAR 0.2%								

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Transect Aspect:

Date:

Weather conditions:

Time:

Observer/Recorders (Full first and last names of ALL observers):

General Observations:

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Percent cover in each plot

Plot #	UTM	Species-Sci name and/or Code	Common Name	bare ground (%)	rock (%)	litter (%)	Biocrust (%)	Scat (%)	Wood (%)	Other (%)
T2P4		Rock 67%								
T2P5	10V 0528403 5486193	POLY JUN 0.2%	Moss collection							
11		CARE NIG 100%								
T2P6	10V 5384110 5486208	Rock 0%	Now moss covered							
11		CARE NIG 90%								
11		Litter 10%								
11		Moss 3%								
T2P7	10V 5384117 5486211	ATHY ALP1 43%								
11		CARE NIG 15%								
11		Rock 35%								
11		MICRTOL 1%								
11		Moss 5%								
11		LUZUPAR 2%								

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Transect Aspect:

Date: July 27, 2023

Weather conditions:

Time:

Observer/Recorders (Full first and last names of ALL observers):

General Observations:

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Percent cover in each plot

Plot #	UTM	Species-Sci name and/or Code	Common Name	bare ground (%)	rock (%)	litter (%)	Biocrust (%)	Scat (%)	Wood (%)	Other (%)
T2P7		VALATR 1%								
"		DIPHALP 0.2%								
"		Litter 12%								
T2P8	100 538423 5486217	Rock 96%								
"		Moss 4%								
T2P9	100 0538431 5486221	PHYL E2MP 25%								
"		PHYLGLA 5%								
"		CASSMERI 25%								
"		Rock 6%								
"		Moss 14%								
"		Litter 15%								
"		Wood 10%								
"		Biocrust 0.5%								
"		Brown Lichen 2%								

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Transect Aspect:

Date:

Weather conditions:

Time:

Observer/Recorders (Full first and last names of ALL observers):

General Observations:

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Percent cover in each plot

Plot #	UTM	Species-Sci name and/or Code	Common Name	bare ground (%)	rock (%)	litter (%)	Biocrust (%)	Scat (%)	Wood (%)	Other (%)
T2 P10	100 538437 5486251	CASSMER1 50%								
11		Rock 20%								
		Moss 25%								
		Litter 5%								
		CLADONIA sp. 0.2%								
		Lichen 1%								
T1 P1	100 0533569 5486988	Snow 100%								
T1 P2	100 538359 5485990	CARE NIG 70%								
		CARE sp. 7%								
		POLYJUN = Moss 2%								
		JUNCPAR 0.5%								
		Moss 0.5%								
		Bare soil 12%								

Alpine Monitoring - Cover information for a single transect

Protected Area Name: Golden Ears

Transect (Site) Name: Transect One

Transect (Site) ID (UTM coordinates, photos)

Transect Aspect: 286°

Date: July 27, 2023

Weather conditions: Sunny, mix clouds

Time: Start: 13:27 / End: 14:30 (took about 1hr to find plots).

Observer/Recorders (Full first and last names of ALL observers): Jennifer Penny, Kym Welstead, Roisin Cumming, Riley Kennedy, & Dylan Paterson.

General Observations:

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Percent cover in each plot

Plot #	UTM	Species-Sci name and/or Code	Common Name	bare ground (%)	rock (%)	litter (%)	Biocrust (%)	Scat (%)	Wood (%)	Other (%)
T1P2		Litter 17%								
T1P3	100 358349 5485991	Rock 015%								
T1P3	100 358349 5485991	PHYL EMP 40%								
		LUETPEC 25%								
		CARE sp. 10%								
		Moss 13%								
		Bare ground 0%								
		Rock 2%								
		Litter 12%								
		Biocrust 6%								
		Storocolon 0.2%								
T1P4	100 0583341 5485994	LUETPEC 1%								
		VACCMEH 2%								

* Transect one Start in gravel area, plot one (T,P₁) in snow could not find nail measured 10m from start for guess of plot.

→ Dense Heather made challenging to find nails, each plot now marked on GPS. Used measure tape & compass to find plots.

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Transect Aspect:

Date:

Weather conditions:

Time:

Observer/Recorders (Full first and last names of ALL observers):

General Observations:

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Percent cover in each plot

Plot #	UTM	Species-Sci name and/or Code	Common Name	bare ground (%)	rock (%)	litter (%)	Biocrust (%)	Scat (%)	Wood (%)	Other (%)
T1P4		CARESP 2%								
"		Litter 5%								
T1P5	100 538331 5435995	PHYLEMP 60%								
"		ATHYALP1 27%								
"		LUETPEC 5%								
"		CARESP 2%								
"		Litter 3%								
T1P6	100 538322 5435998	PHYLEMP 75%								
"		LUETPEC 75%								
"		HIERTRE 0.2%								
"		Rock 0.2%								
"		Litter 10%								
"		Bare ground 5%								

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Date: July 27, 2023

Weather conditions:

Time:

Observer/Recorders (Full first and last names of ALL observers):

General Observations:

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Percent cover in each plot

Plot #	UTM	Species-Sci name and/or Code	Common Name	bare ground (%)	rock (%)	litter (%)	Biocrust (%)	Scat (%)	Wood (%)	Other (%)
T1P6		Wood 1%								
T1P7	100 538313 5485999	Viola 3%								
11		VALATR 3%								
11		LOZUPAR 2%								
11		Litter 2%								
11		Moss 12%								
11		Rock 88%								
T1P8	100 538306 5484008	PHYLEMP 35%								
		LUETPEC 27%								
		CARENIG								
		VAHLTER 0.5%								
		Wood 0.5%								
		Litter 10%								

Percent cover in each plot

[illegible]

Percent cover in each plot

[illegible]