



Rite in the Rain®

ALL-WEATHER
JOURNAL

Nº 393



















Nov 2014

Tanguro

[illegible]

Field goals:

- Bulk density at every U'Connell plot
- take gas fluxes comparing CENA/UMN protocols

	BD	gas
F1		
F2		
F3		
S1		
S2/sd		
S3/sm		
M1		
M2		
M3		

plastic field baggies = $\frac{73.0 \text{ g}}{10 \text{ bags}}$

N20

Equipe: Scott, Xthru
Date: Nov-10-2014

Location: SD

GRS —

Walk: 30

Photo ~~18~~

St T: 1:15

End = 2:15

Tmp: 48, 45, 45

Tmp = 39, 43, 45

T	T	Ch	Tmp	Plants	Order
0	0:00	A	30	Plants none, I	E, N
0	2:04/45	B	30	no plants none, I	NE
0	2:03/34	C	28	no plants none, I	E, N
0	6:04/31	D	33	no plants none, I	E, N
0	8:04/30	E	33	no plants none, I	E, N
15	15:01/24	A	30		E, N
15	17:02/31	B	30		E, N
15	19:03/23	C	27		E, N
15	21:08/35	D	34		E, N
15	23:07/30	E	33		E, N
30	30:03/24	A	30		E, N
30	32:05/33	B	30		E, N
30	34:06/25	C	28		E, N
30	36:04/26	D	33		E, N
30	38:17/44	E	33		E, N
45	45:01/23	A	30		E, N
45	47:03/24	B	29		E, N

T	T	Ch	Tmp	Order
45	49:06/25	C	28	E, N
45	51:07/27	D	34	E, N
45	53:02/22	E	34	E, N

N20

Equipe: Scott, Xthru
Date: Nov-10-2014

Location: Area 1 = F1

Photo ~~18~~

GRS —

Walk — E 15

St: 3:00, 35, 30, 34

End: 4:05, 25, 29, 29

T	T	Ch	Tmp	Order
0	0:02	A	26	E, N
0	2:06	B	23	E, N
0	4:19	C	23	E, N
0	6:11	D	26	E, N
0	8:12	E	25	E, N
15	15:12	A	25	E, N
15	17:12	B	25	E, N
15	19:08	C	23	E, N
15	21:22	D	26	E, N
15	23:00	E	25	E, N
30	30:13	A	25	E, N
30	32:10	B	25	E, N
30	34:14	C	23	E, N
30	36:00	D	26	E, N
30	38:10	E	25	E, N

Return on being

T	T	Ch	Temp	order
45	45:02	A	25	E, N
45	47:16	B	25	E, N
45	49:04	C	23	E, N
45	51:05	D	26	E, N
45	53:10	E	25	E, N

N20 Equip: Part, xtime
Date: 12-Nov-2014
Location: M1

Photo: ☒ GPS- Walk: 65
St: 8am, 24, 32, 31 End: 9:00, 32, 42, 41

T	T	Ch	Temp	Plantas	orden
0	0:03	A	27	*	E, N
0	2:04	B	27	N	E, N
0	4:04	C	27	*	E, N
0	6:35	D	27	N	E, N
0	8:17	E	25	*	E, N
15	15:15	A	28		E, N
15	17:05	B	27		E, N
15	19:09	C	29		E, N
15	21:04	D	28		E, N
15	23:04	E	25		E, N

T	T	Ch	Temp	orden
30	30:02	A	27	E, N
30	32:09	B	28	E, N
30	34:04	C	29	E, N
30	36:05	D	27	E, N
30	38:11	E	25	E, N
45	45:04	A	28	E, N
45	47:12	B	27	E, N
45	49:08	C	29	E, N
45	51:07	D	27	E, N
45	53:07	E	26	E, N

N20 Equip: Part, xtime
Date: 12-Nov-2014

Location: FZ (curva)

Photo: ☒ GPS- Walk-30R
St: 9:51, 26, 29, 30 End: 10:54, 27, 30, 29

T	T	Ch	Temp	orden
0	0:07	A	20	E, N
0	2:06	B	25	E, N
0	4:07	C	25	E, N
0	6:07	D	25	E, N
0	8:07	E	25	E, N

T	T	Ch	Temp	Order
15	15:12	A	20	E, N
15	17:04	B	26	E, N
15	19:06	C	25	E, N
15	21:05	D	26	E, N
15	23:05	E	25	E, N
30	30:07	A	20	E, N
30	32:05	B	26	E, N
30	34:05	C	25	E, N
30	36:07	D	25	E, N
30	38:05	E	25	E, N
45	45:03	A	21	E, N
45	47:05	B	26	E, N
45	49:07	C	25	E, N
45	51:08	D	25	E, N
45	53:08	E	25	E, N

N₂O M3 - didn't do gas samples, but did collect BD samples

N₂O Equipt: Bart, Xpress Kathijo Date: 13-NOV-2014

Location: S1

Photo ☒ GPS - Walk: 55
St: 1:50, 37, 35, 36 End: 2:50, 46, 45, 40

T	T	Ch	Temp	Order	Plantas
0	0:05	A	29	only non-eva	*
0	2:05	B	31	E, N	*
0	4:11	C	31	E, N	* miller
0	6:09	D	23	E, N	*
0	8:12	E	25	E, N	*
15	15:07	A	29	—	
15	17:05	B	30	E, N	
15	19:22	C	31	E, N	
15	21:00	D	23	E, N	
15	23:03	E	25	E, N	
30	30:02	A	30	—	
30	31:58	B	29	E, N	
30	34:01	C	31	E, N	
30	36:07	D	24	E, N	
30	38:04	E	25	E, N	
45	45:01	A	30	—	
45	47:02	B	29	E, N	
45	49:01	C	31	E, N	
45	51:03	D	24	E, N	
45	53:01	E	25	E, N	

non-eva e opened stopcock in air

Rite in the Rain

Quadrat: South, Sauterren, X-Hum

Date: 14-Nov-2015

Location: S3

GPS: Walk: 60

Start: 8am, 22, 23, 23 End: 9, 26, 26, 26

N ₂ O	T	Ch	Thp	Plants	Order
0	0:07	A	25	N	E/N
0	2:11	B	23	S*	E/N
0	4:07	C	26	N	E/N
0	6:15	D	20	P*	E/N
0	8:09	E	25	P*	E/N
15	15:07	A	25		E/N
15	17:05	B	22		E/N
15	19:06	C	25		E/N
15	21:11	D	20		E/N
15	23:10	E	24		E/N
30	30:09	A	25		E/N
30	32:06	B	24		E/N
30	34:09	C	25		E/N
30	36:09	D	20		E/N
30	38:07	E	26		E/N
45	45:06	A	25		E/N
45	47:05	B	23		E/N
45	49:07	C	25		E/N
45	51:07	D	24		E/N
45	53:09	E	26		E/N

N₂O

M2 - Didn't do gas samples, but did collect BBD samples

N₂O

Quadrat: South, Sauterren, X-Hum
Date: 14-Nov-2015
Location: P3

Photo: GPS - Walk: 20 L
Start: 10:20, 26, 25, 19 End: 12:25, 25, 19, 11:20 am

N ₂ O	T	Ch	Thp	Order
0	0:07	A	25	E/N
0	2:07	B	26	E/N
0	4:10	C	21	E/N
0	6:12	D	23	E/N
0	8:09	E	24	E/N
15	15:07	A	20	E/N
15	17:05	B	28	E/N
15	19:10	C	21	E/N
15	21:06	D	23	E/N
15	23:06	E	23	E/N
30	30:05	A	25	E/N
30	32:09	B	25	E/N
30	34:04	C	21	E/N
30	36:07	D	23	E/N
30	38:02	E	23	E/N

I	I	C	Order	Time
45	45:04	A	E ₁ N	25
45	47:05	B	E ₁ N	25
45	49:05	C	E ₁ N	21
45	51:03	D	E ₁ N	23
45	53:05	E	E ₁ N	23