Teton Stoneflies WYNDD-Tronst		3115				Date:_	5 Ang 20	17	
Time: Arrived:	5:00	Depa	arted: 17:0	O,	Collectors	Deb	+ Joe		
Stream: MI	ldle Tex	mg	lacial mn	Loca	tion Desc	ription:	+ Toe Garnet cany	5	
Coordinates: N_			V			7			
Elevation:		ft		name	on GP\$:_	(deb's:	MTG)		
Water quality (Re	ecorded with	a YSI I	Pro Plus Mulitpi	robe)			1		
Parameter		Value		Uni	its	Last cal	ibrated: 8 4	DO:	
Water temperatur	re	7	2.6	°C					
Barometric press	ure		mm		ıHg	Photos taken: Site Temp Probe			
DO			114	0.1		Weathe	Weather: Oway Cloudy		
DO			0.8	mg/L		Substrate type: loose cobbles bolders			
Specific conducti	ivity (SPC)		μS/c		cm	Number of Surbers collected: 3			
Conductivity			Z.2 µS/c		cm	n			
pН			1.3		-	Aspect: S SE		_	
ORP			nla mV		Slope: 5		Steep	_	
Air temp				°C	C Biofilm		rank: Little Me	dium	Green
									
ankuck Index	Excelle	ent	Good		F.	air	Poor	Score	1
Angularity	Lots of edg		Some edges, s	ome		edges (3)	All round (4)	2	1,92
Brightness (Dull = biofilm)	Most surfa	ces	Mostly dull, < bright (2)	35%	35% 50/50 dull & bright (3)		Mostly bright, >65% (4)	4	
Scour	<5% evide	nce of	5-30% of bed scoured (12)		30-50% of scoured (of bed	>50% of bed scoured (24)	24	
Consolidation of substrate	Lots of size		Moderately packed, some	size	Mostly lo	ose, not	Totally loose, easily moved (8)	(0	

Brightness	Most surfaces	Mostly dull, <35%	50/50 dull &	Mostly bright,	9
(Dull = biofilm)	dull (1)	bright (2)	bright (3)	>65% (4)	
Scour	<5% evidence of	5-30% of bed	30-50% of bed	>50% of bed	7,4
4	scour (6)	scoured (12)	scoured (18)	scoured (24)	U
Consolidation	Lots of sizes,	Moderately	Mostly loose,	Totally loose,	
of substrate	tightly packed (2)	packed, some size overlap (4)	much overlap (6)	easily moved (8)	٥
Aquatic Veg	Abundant veg,	Common veg or	Spotty, in	Perennial types,	7
	moss in swift	algae, lots in pools	backwater or	very scarce or	3
	water (1)	(2)	seasonal algae (3)	absent (4)	

Description of logger loc	ation: Same	as last tim	e. Ma	pos wandlar rock.
				Ms of waterful
Suspended Solids:	(l	y dias filter	3)	Nutrient samples collected:
Filter number	Ø 7	\$8	09	DOC collected:
Volume filtered (mL)	250	200	150	Chl a collected:

on3 (g): 0.035 0.036 0.036

Algae collected: \(\text{N = 3 (98)} \)

Teton	Stoneflies	2017			
W/W/II	OD Trongt	4 207	766	211	١.

Date:

Stream	Profile:
Sucam	Fiorne.

(left edge)

looking down stream

(right edge)7

Distance	0	1	2	3	Ч	5	6	7	8
Depth (cm)	١	2	5	5	6	4	5	4	4

Notes (continue on back):

Scrubbed top Surface of rock only

W. J. John MT3 (chla)

Teton Stoneflie WYNDD-Trons	stad 307-766-						5 Aug 6	4101	75	
ime: Arrived:	1:46	Depa	arted: 4:00	m^	Collector	idt,s	H, Rose Mark	s Amika T	odsa	
Stream: Delta	Lake I	ilet		Loc	ation Desc	ription: S	Bubaloine bal	Marain		
Stream: Delta Lake Inlet Location Description: Subalpine, below Margine, Where Harsting to level Coordinates: N 43.73327 W-110.77566 Datum:										
Elevation:	Elevation: 2814 Rm Site name on GPS. Delta Lake Thet									
Water quality (R	ecorded with	a YSI I	Pro Plus Mulitpro	obe)			21	71		
Parameter		Value		Un	its	Last ca	$\frac{8/4}{}$	DO: 0/5		
Water temperatu	re	á	1.7	°C			/			
Barometric press	sure	54	18.8	mn	ıHg			Temp Probe	-	
DO		1:	20	% s	saturation	Weathe	er: Swnny,	light br	ur	
DO		17	1.7	mg	/L	Substra	te type: blanifo	Copple		
Specific conduct	ivity (SPC)	8	4	μS/	'cm					
Conductivity		4	,8	μS/	'cm		ber of Surbers collected:			
pН	7		44		Aspect		oct:			
ORP		2	202,0 mV		V Slope:		6			
Air temp	0		°C		Biofilm					
				C		Biofilm	rank: Little Me	edium Gree		
nalmal: Indon						Biofilm	rank: Little Mo	edium Gree		
ankuck Index	Excelle	nt	Good		Tr.				n)	
.ankuck Index Angularity	Excelle Lots of edg		Good Some edges, so			Biofilm ir edges (3)	Poor All round (4)	Score		
		es (1)		me		edges (3)	Poor All round (4)			
Angularity Brightness (Dull = biofilm)	Lots of edge Most surface dull (1)	es (1)	Some edges, so round (2)	me	Rounded	edges (3)	Poor	Score		
Angularity Brightness	Lots of edge Most surface dull (1) <5% eviden	es (1)	Some edges, so round (2) Mostly dull, <3 bright (2) 5-30% of bed	me	50/50 dul bright (3) 30-50% c	edges (3)	Poor All round (4) Mostly bright, >65% (4) >50% of bed	Score		
Angularity Brightness (Dull = biofilm) Scour	Most surface dull (1) <5% evident scour (6)	es (1) es ace of	Some edges, so round (2) Mostly dull, <3 bright (2) 5-30% of bed scoured (12)	me	Solution Rounded 50/50 dull bright (3) 30-50% coured (edges (3) 1 & f bed 18)	Poor All round (4) Mostly bright, >65% (4) >50% of bed scoured (24)	Score		
Angularity Brightness (Dull = biofilm)	Lots of edge Most surface dull (1) <5% eviden	es (1) es (1) es (1) ses	Some edges, so round (2) Mostly dull, <3 bright (2) 5-30% of bed scoured (12) Moderately packed, some si	me 5%	50/50 dul bright (3) 30-50% c	edges (3) 1 & f bed 18) ose, not	Poor All round (4) Mostly bright, >65% (4) >50% of bed	Score		
Angularity Brightness (Dull = biofilm) Scour Consolidation	Most surface dull (1) <5% evident scour (6) Lots of size	es (1)	Some edges, so round (2) Mostly dull, <3 bright (2) 5-30% of bed scoured (12) Moderately	me 5%	Solution Rounded 50/50 dull bright (3) 30-50% c scoured (Mostly lo	edges (3) 1 & f bed 18) ose, not rlap (6)	Poor All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8)	Score		
Angularity Brightness (Dull = biofilm) Scour Consolidation of substrate	Most surface dull (1) <5% evident scour (6) Lots of size tightly pack Abundant vemoss in swi	es (1) es	Some edges, so round (2) Mostly dull, <3 bright (2) 5-30% of bed scoured (12) Moderately packed, some si overlap (4) Common veg or algae lots in po	me 5%	Solve to Sol	edges (3) 1 & f bed 18) ose, not rlap (6)	Poor All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose,	Score		
Angularity Brightness (Dull = biofilm) Scour Consolidation of substrate	Most surface dull (1) <5% evident scour (6) Lots of size tightly pack	es (1) es	Some edges, so round (2) Mostly dull, <3 bright (2) 5-30% of bed scoured (12) Moderately packed, some si overlap (4) Common veg or	me 5%	Rounded 50/50 dul bright (3) 30-50% of scoured (Mostly for much over	edges (3) 1 & f bed 18) ose, not hap (6)	Poor All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types,	Score		
Angularity Brightness (Dull = biofilm) Scour Consolidation of substrate	Most surface dull (1) <5% evident scour (6) Lots of size tightly pack Abundant verification water (1)	es (1) es ces ce of s, ed (2) eg, ft	Some edges, so round (2) Mostly dull, <3 bright (2) 5-30% of bed scoured (12) Moderately packed, some si overlap (4) Common veg or algae lots in po (2)	me 55% rools	Spotty, in backwater seasonal a	edges (3) 1 & f bed 18) ose, not riap (6)	Poor All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	Score		
Angularity Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg	Most surface dull (1) <5% evident scour (6) Lots of size tightly pack Abundant vertical moss in swith water (1) aber: 2015	es (1) es ace of s, ed (2) eg, ft	Some edges, so round (2) Mostly dull, <3 bright (2) 5-30% of bed scoured (12) Moderately packed, some si overlap (4) Common veg or algae, lots in po (2) Coordinates: U	me 5% ze r ols	Spotty, in backwater seasonal a	edges (3) 1 & f bed 18) ose, not rlap (6)	Poor All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	Score		
Angularity Brightness (Dull = biofilm) Scour Consolidation of substrate Aquatic Veg Temp logger num	Most surface dull (1) <5% evident scour (6) Lots of size tightly pack Abundant various in swit water (1) aber: 2015	es (1) es ace of s, ed (2) eg, ft	Some edges, so round (2) Mostly dull, <3 bright (2) 5-30% of bed scoured (12) Moderately packed, some si overlap (4) Common veg or algae, lots in po (2) Coordinates: U	me 5% ze r ols	Rounded 50/50 dul bright (3) 30-50% of scoured (Mostly for much over Spotty, in backwater seasonal as: N Sand	edges (3) 1 & f bed 18) ose, not riap (6)	Poor All round (4) Mostly bright, >65% (4) >50% of bed scoured (24) Totally loose, easily moved (8) Perennial types, very scarce or absent (4)	Score 2 2 12 6 2	Alles	

Chl a collected:

Algae collected:_

Volume filtered (mL)

Teton Stoneflies 2017

WYNDD-Tronstad 307-766-3115

Date: 8/5/17

Stream Profile:

(left edge)

looking down stream

(right edge)

Distance (@m)	0	.5.m	1mi	1.5 m	2 m	2.5m	34	17.	- N
Depth (cm)	10	21	29	39	22	10	Charles .		

Notes (continue on back):

Rock tracing

*2



Teton Stoneflies 2017 WYNDD-Tronstad 307-766-3115				Date: + Hus 2017					
Time: Arrived:	Time: Arrived: 11:15 an Departed: 12:45					s:dT,	SH, DF, JO	5_	4
Stream: G	. 1	1 5	ream	Loc	ation Desc	ription:	Cut of trail ba	ere Paintlos	ush Dive
Coordinates: N	43.79	75	2w	7	10.8	70719	1.0	S S CAN	
Elevation:	1950	ft	Site	nam	e on GPS:(20172		rocan.	_
	Recorded with	a YSI	Pro Plus Mulitpr	obe)			~1	e2 1	
Parameter		Value		Un	its	Last	calibrated: 8/4	DO: 8/7	J
Water temperatu	ıre		2.7	°C				-	
Barometric press	sure	5	37	mn	nHg			Temp Probe	<u> </u>
DO		13	25	% :	saturation	Weatl	her: Calm Clau	dy	
DO		١	1.9	mg	/L	Subst	rate type: Cobbl	2	
Specific conduct	ivity (SPC)	14	.6	μS	/cm	Numl	per of Surbers colle	rted: 3	
Conductivity		8	, 3 μS.		/cm		21/20		
pН		7	7.5		Aspect		et: 0		
ORP N	02	_	.78 mV		V Slope:		:(
Air temp	9		°C			Biofilm rank: Little M		edium Gre	en
Contourly In des									
fankuck Index	Excelle	nt	Good		Fa				
Angularity	Lots of edg		Some edges, so	me	Rounded		Poor All round (4)	Score	
Brightness	Most much		round (2)					d	
(Dull = biofilm)	Most surfac	es	Mostly dull, <3 bright (2)	5%	50/50 dul bright (3)			3	
Scour	<5% evider	ice of	5-30% of bed		30-50% o				
	scour (6)		scoured (12)		scoured (18)	scoured (24)	12	
Consolidation of substrate	Lots of size	,	Moderately		Mostly lo	-	Totally loose,		
	tightly pack	ea (2)	packed, some si overlap (4)	ze	much overlap (6)		easily moved (8)	4	
Aquatic Veg	Abundant v		Common veg or		Spotty, in		Perennial types,	1/2	
	moss in swi water (1)	nt	algae, lots in po	ols	backwater		very scarce or	3	
	water (1)		(2)		seasonal a	Hgae (3)	absent (4)		
Temp logger num	ber: <u>20153</u>	5861	_Coordinates: U	JTM	s: N 43.	7977	08 w-110.	807249	5
Description of log	gger location:	50	yt Separ	L	dappi	ng av	or edge		
Suspended Solids	. ho	2	15				Nutrient samples co	illected: 2	111000
Filter number	911	C			3			71	sorocan
Volume filtered	(mI)	1	2		2		DOC collected:		=
A Armine Interect	(JULL) Y	2/2	1 / 4 4		1 ~ 2				

600

600

Chl a collected:_

Algae collected:__

Teton	Stoneflies 2017
WYNI	DD-Tronstad 307-766-3115

Stream Profile:	(left edg	ge)		*loo	(right edge)			
Distance (cm)	\bigcirc	50	150	1570	200	235		

Distance (cm)	0	50	160	150	900	235	L*	
Depth (cm)	1	6	7	2	6	3		

Notes (continue on back):

Same of stream still snow covered. Shallow + wide in many places. Few inverts, Still large snow field.



Teton Stoneflic WYNDD-Tron	· · ·	-3115				Date	6 Aug	2017
Time: Arrived:	7 pm	_ Dej	parted: 8:15	_	Collector	s: AT S	4,56,DF+	Rose Marks
Stream: Pain	Horush · R	Pode	Glacier	Lo	cation Desc	cription;	S. side & Re	zintlomsh Conyan
Coordinates: N	43.7	85	43 v	V	110	7930	Datum:	MADES
Elevation:	805	f					mush Rock	
Water quality (I	Recorded with	ı a YSI	Pro Plus Mulitpr	obe)				
Parameter		Value		_	nits	Last ca	alibrated: 8/4	DO: 8//
Water temperati		0		°C	17.7			
Barometric pres	sure	5	17.	mı	mHg		taken: Site	
DO		10	00	%	saturation	Weath	er: Sunny C	lea + Calm
DO		9	18	mg	z/L	Substra	ate type: Cobl	<i>i</i> .
Specific conduct	tivity (SPC)	-	20.3	μS	/cm			
Conductivity		1	1.4	μS	/cm	мищо	er of Surbers collec	eted:
pН			7.8			Aspect		_
OKA NO		\bigcirc	34	mΝ	7	Slope:_	90	(SE)
Air temp		Coo	~	°C		Biofilm	rank: Little Me	edium Green
ankuck Index							i i i i i i i i i i i i i i i i i i i	odium Green
dirack maex	Excelle	nt	Good		Fa	ir	Poor	Score
Angularity	Lots of edge		Some edges, so round (2)	me	Rounded		All round (4)	Score
Brightness (Dull = biofilm)	Most surfac	es	Mostly dull, <3 bright (2)	5%	50/50 dul bright (3)		Mostly bright, >65% (4)	4
Scour	<5% eviden scour (6)	ce of	5-30% of bed scoured (12)		30-50% o scoured (1	f bed	>50% of bed scoured (24)	12
Consolidation of substrate	Lots of sizes		Moderately packed, some si overlap (4)	ze	Mostly loo	ose, not	Totally loose, easily moved (8)	4
Aquatic Veg	Abundant ve moss in swit water (1)		Common veg or algae, lots in po (2)		Spotty, in backwater seasonal a	or	Perennial types, very scarce or absent (4)	1/ .
Temp logger num	iber: <u>2017</u> L	1694	Coordinates: U	JТM			43 w- 110	79335
Description of log	gger location:			L				
Suspended Solids	: Pa	inthi	ush RG]	Nutrient samples col	llected: Vafulan the
Filter number			2		3	1	DOC collected:	

Chl a collected:

Algae collected:

Volume filtered (mL)

Date:_____

Stream Profile:

(left edge)

looking down stream

(right edge)

Distance (cm)	0	50	100	150	. 200	250	266	
Depth (cm)	0	5	12	8	N	4	0	

Right Lank

Notes (continue on back):

Logger from last year is buried in snow!

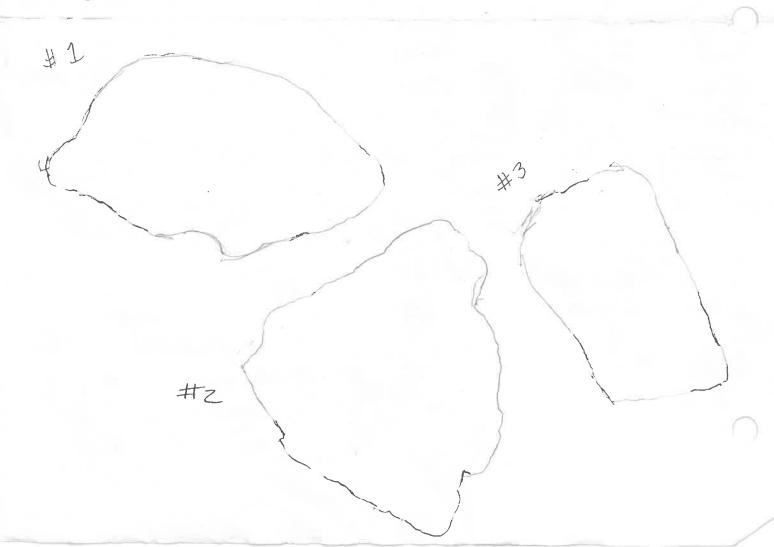
So we did not collect it. We deployed a

new losser downstream at the snow's edge.

Snow likely just melted off from where we

sampled. Propably a combo of rock

glacer water + snow melt.



Teton Stoneflies		2115	e-1,,			Date:_	8 Ang Zo	17		
WYNDD-Tronsta	15:00	Depa	rted: 17:00		Collectors:	De	b (sola!)	<u> </u>		
Stream:	V. Fork	TROM	Creek	Loca	tion Descr	iption:	alpine rea	ch-3	led. Smith	55
Coordinates: N		Same)w				Datum:_		1	
	(Same)		Site	name	on GPS:_	11 Mc	Teton" (debis			
Water quality (Re	corded with	a YSI P	ro Plus Mulitpro				9 .		. 3	
Parameter		Value		Uni	ts	Last cal	ibrated: +o day	DO:\		
Water temperatur	e		4.9	°C		Photos t	aken: Site	Temp Prof	he was	
Barometric pressi	ure	23	8	· mm	Hg	i notos t	aken. Site		0.0	1
DO -		1	00	% s	aturation	Weather	r: Party clos	rdy (1	ears er)
DO		- 1	, \	mg/	L	Substrat	r: fatty clos	cobble	otboildus.	
Specific conducti	vity (SPC)	5	3.5	μS/	cm	Numbe	r of Surbers collec	ted. 3		
Conductivity	h 1		5.2	μS/	cm	Numbe	Co. th		♦ 50 ×	•
pH			یا ، د			Aspect:	2000		. 7.	7
END-	2	_	.07	M.	MgL	Slope:_	South 100 ~2%		Car II	1
Air temp	",		2.0	°C			rank: Little	M. A. C.	Green	
A 1. C	V 11									
ankuck Index	Excell	ent	Good		Fa	ir	Poor	Score		
Angularity	Lots of edg		Some edges, so round (2)	me		edges (3)	All round (4)		The state of the s	
Brightness (Dull = biofilm)	Most surfa dull (1)	ces	Mostly dull, <3 bright (2)	35%	50/50 dul bright (3)		Mostly bright, >65% (4)			
Scour	<5% evide scour (6)	nce of	5-30% of bed sceared (12)		30-50% c scoured (of bed	>50% of bed scoured (24)	6	14	
Consolidation of substrate	Lots of siz tightly pac	-	Moderately packed, some s overlap (4)	size	Mostly lo		Totally loose, easily moved (8)	4	*	
Aquatic Veg	Abundant moss in sw water (1)		Common veg of algae, lots in per (2)		Spotty, in backwate seasonal	r or	Perennial types, very scarce or absent (4)	2		
Temp logger nun						Same	w - W -	۶,		
Description of lo	-		+	0041	derdov	River	ount in mic	delle	(same as	
Suspended Solid	s:	Uya	ias A1473)	10			Nutrient samples co	ollected:_	Due	
Filter number		In	11		12		DOC collected:		-> scoll.	١

red (mL) 500 500

arg map: 0.034 0.036

Volume filtered (mL)

400

Chl a collected: N=3

Algae collected: N=3× Um

Date: **Teton Stoneflies 2017** Rbank WYNDD-Tronstad 307-766-3115 *looking down stream* (right edge) Stream Profile: (left edge) Ø 50 Distance (cm) 130 001 0 12 [0 Depth (cm) 0 chla 2/3: Notes (continue on back):

ime: Arrived:	45	Departe	ed: 4:00	_ C	ollectors:	AT, O	6	0	
tream:	d Can	10]	Locati	ion Descrip	otion: <u></u>	p Darby	Caryon	
Coordinates: N		*	W		4		Datum:		€
Elevation:		ft	Site n	name o					
Water quality (Rec	orded with	a YSI Pro	o Plus Mulitpro	be)		T act polil	orated: 8/U	DO: 8/8	
Parameter		Value		Units °C	S	Last can	orated.	00	
Water temperature		2.4	2.9.			Photos ta	iken: SiteT	emp Probe_	
Barometric pressur	re	559,	4 557.8	mmI	-Ig				
DO	,	1/2	120 % saturation				ther: Clardy, Rained all many		
DO	1.4	11.2	11.9	mg/L Substrate type:				2	_
Specific conductiv	rity (SPC)	141.8	μS/c		Number	of Surbers collect	ed:		
Conductivity		80.4 81.9			m	Asnect:	150		
pН	,	8,7	000	1		rispect	320		
ORP	,	215	,4 206.8	mV		Slope:	Ja		
Air temp		inside	autside	°C		Biofilm	rank: Little Me	edium Gr	een')
fankuck Index	femeras.	4 Car	e care						
ankuck Index	To a sell		Good		Fa	ir	Poor	Score	
Angularity	Excell Lots of ed		Some edges, s round (2)	ome	Rounded		All round (4)	1	
Dulahánas	Most/surfa	aces	Mostly dull, <	35%	50/50 dul	1 &	Mostly bright,	1.	
Brightness (Dull = biofilm)	dull (1)		bright (2)		bright (3)		>65% (4)		
Scour	<5% evid	ence of	5-30% of bed		30-50% 0		>50% of bed scoured (24)	12	
	scour (6)	·	scoured (12)		scoured (Totally loose,		
Consolidation of substrate	Lots of size			Moderately packed, some size		erlap (6)	easily moved (8)	4	
Aquatic Veg	Abundant	veg,	Common veg		Spotty, in		Perennial types,	1	
	moss in s		algae, lots in	nools	backwate	r or	absent (4)	1 (
Aquatic Veg					backwate		very scarce or	/	

Description of logger location: In good helps moss called bediak below Cove

Suspended Solids:	Vind Can	L	
Filter number	1	2	3
Volume filtered (mL)	600	600	600

Nutrient samples collected: 2-20 mL

DOC collected:

Chl a collected: 5x

Algae collected:

Date:_____

Stream Profile:	(left ed	ge)		(right edge)					
Distance (cm)	0	25	50	75	100	125	155		1
Depth (cm)	3	3	G	7	, 2	1.5	2		

Notes (continue on back):

Algue Hydrurus feetidus - Golden algue - very thick han

See Thinks is dednin food

Geology at Wind care is limestone!

Lednia in moss, perhaps Zapada too

Tighest densities in rooms w/ moss on bedrack

The collected adults. Collected live individuals for

The collected adults. Collected live individuals for

The collected adults.

Wind H 2

Wind H 3

Wind H 3

Teton Stoneflies WYNDD-Tronsta	2017 ad 307-766-3	3115				Date:	13 Aug 2013	L all	except
Time: Arrived:	le:15	Depa	rted: 17:40	2	Collectors	. Deb+	Lydia -	DID TO	Scott
Stream: S.F.	sk Teto	1-5ND	wnel+ (a)co	Loca	tion Desci	uらい るい ription:	whelf-upper	2.46)	_
Coordinates: N_			W	-			Datum:		
Elevation:		ft	Site 1	name	on GPS:_	"AKS	NO" (Debs)		
Water quality (Re	ecorded with	a YSI P	ro Plus Mulitpro	obe)				/	
Parameter		Value		Uni	ts	Last cali	ibrated: 11th And	DO:	_
Water temperatur	e	9	,9	°C	IV I		aken: Site T		
Barometric pressi	ure	53	6.0	mm	Hg				
DO			110	% s	aturation	Weather	e type: <u>Cabble</u>	udy, wind	# Sound
DO		E	3.4	mg/	L	Substrat	e type: Cobble	bowder	- 1201
Specific conducti	vity (SPC)	U	24.7	μS/	cm		r of Surbers collect		
Conductivity			39.0	μS/	cm	Agnost	W		
pH	,		0.8			7 ispect.	- 20) (<u></u>	-htm!
ORP UT	12-17)	(), 14	LARRY	mg L	Slope:_	2-3% (ques	<u> </u>	
Air temp		l l	0.0	°C		Biofilm	rank: Little Me	dium Green	a
ankuck Index									
dikuck index	Excell	ent	Good		F	air	Poor	Score	
Angularity	Lots of edg		Some edges, so round (2)	ome	Rounded	edges (3)	All round (4)		
Brightness (Dull = biofilm)	Most surfa	ces	Mostly dull, <3 bright (2)	35%	50/50 du bright (3)		Mostly bright, >65% (4)	4	
Scour	<5% evide scour (6)	nce of	5-30% of bed scoured (12)		30-50% (scoured (>50% of bed scoured (24)	12	
Consolidation	Lots of siz	es.	Moderately		Mostly lo		Totally loose,		
of substrate	tightly pac		packed, some soverlap (4)	size	much ov		easily moved (8)	4	
Aquatic Veg	Abundant		Common veg		Spotty, in		Perennial types,	7	
	moss in sw water (1)	/ift	algae, lots in p (2)	ools	backwate seasonal	er or algae (3)	very scarce or absent (4)	4	
Temp logger nun		74699	Coordinates:	UTM	s: N		W	- has phit	
Description of lo			eav	9	for S	6H+	soe sut	- has phit	05 !
-									· DM
Suspended Solid	s:	Cla	sha's filt	42)		Nutrient samples co	ollected:	Kteres

DF01 DF02 BP03 400 600 600

Filter number

Volume filtered (mL)

DOC collected:

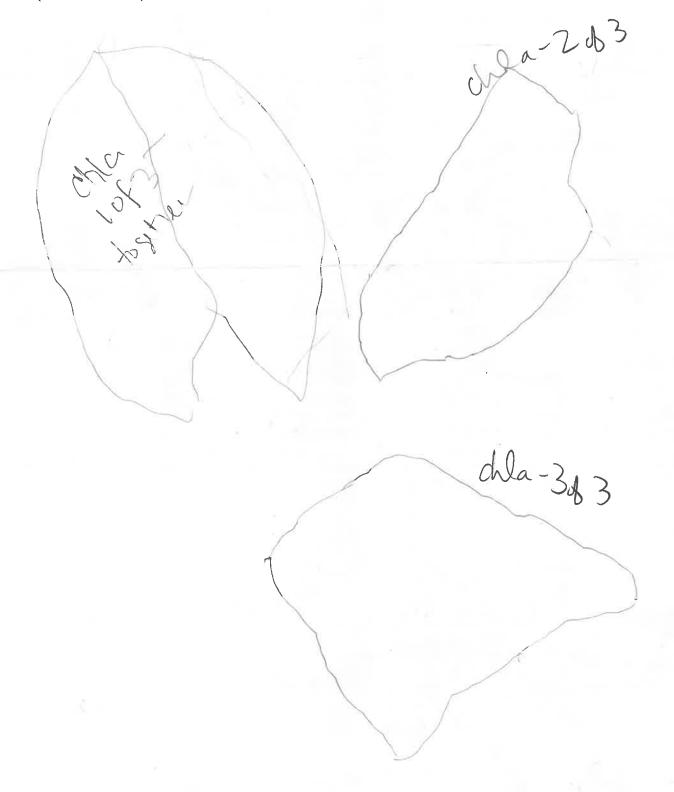
Chl a collected: N = 3

Algae collected: N = 3

Date: 13 Ang

Stream Profile:	(left ed	ge)		*look	ing down stream*	(right edge)
Distance (cm)	Ø	40	80	120	130	30 %
Depth (cm)		14	16	13	7	њ

Notes (continue on back):



	ton Stoneflies 2017 YNDD-Tronstad 307-766-3115					Date:_	12 Ang 201	7	
Time: Arrived:_	15:30) Depa	arted:		Collectors	Deb,	Lydla (Tre+S	cott did !	Suls early
Stream: AK	BOSIN	-south	icy seep	Loca	ation Desci	ription:	the "Oslginal	1 15 1	CU SOOD
Coordinates: N_		Y	v	V			Datum:_		w/ Lednia
Elevation:		ft	Site	name	on GPS:_	"AICBA	iss" (Debs)		
Water quality (Re	ecorded	l with a YSI I	Pro Plus Mulitp	robe)			librated: 11 Aug	120 N 7	
Parameter		Value		Un	its	Last ca	librated: Ma.	DO:	
Water temperatur	re		1.9	°C					
Barometric press	ure		541	mn	ıНg		taken: Site		
DO			114	% 9	saturation	Weathe	er: clouds, a f	en (si	5 dur m
DO			11.2	mg	/L	Substra	te type: <u>666</u>	20	
Specific conducti	ivity (S	PC)	197	μS	/cm	Numbe	er of Surbers collec	ted:	3 (Joe)
Conductivity			110	μS	/cm		N NW		
pH			8.1				The state of the s		
OBL [ND]	[N -		0,35	20/	MYL	Slope:_	med N 3% or	SO	
Air temp			17	°C		Biofilm	rank: Little Me	dium	Green
-/-									
fankuck Index	E	xcellent	Good		Fa	· i ·	Poor	Score	1 .
Amanlavita				0000	Rounded		All round (4)	Score	
Angularity	Lots	of edges (1)	Some edges, s round (2)		Rounded	euges (3)	All round (4)		
Brightness		surfaces	Mostly dull, <		50/50 dul		Mostly bright,	2	
(Dull = biofilm)	dull (evidence of	bright (2) 5-30% of bed		bright (3) 30-50% c		>65% (4) >50% of bed	-	
Scour	scour		scoured (12)		scoured (scoured (24)	6	(14)
Consolidation	+	of sizes,	Moderately		Mostly lo		Totally loose,		
of substrate	1	y packed (2)	packed, some overlap (4)	size	much ove		easily moved (8)	4	
Aquatic Veg		dant veg,	Common veg		Spotty, in		Perennial types,	ı	1
		in swift	algae, lots in p	ools	backwate		very scarce or	1	
	water	(1)	(2)		seasonal	algae (3)	absent (4)]
Temp logger num	nber: 📗	20155966_	Coordinates	UTM	Is: N		W	*	
Description of lo	gger lo	cation:	same as 1	ust 1	hime (r	ight Q	som ce	•	
						2		+	
Suspended Solids	s:	(Lydia's	filtes)				Nutrient samples co	ollected:_	- F Hred
Filter number	-	50	51		52		DOC collected:		Hz0
Volume filtered	(mL)	600	600)	750		Chl a collected:	SX V	100 mL

750

0,638

600

0.035

Chl a collected: 3X

Algae collected: 3

0.036

Date: 12 Aug 7017

Stream Profile:	(left ed	ge)		*look	ing down str	ream*	(right ed	(right edge)	
Distance (cm)	<i>1</i> 0	40	80	120	100	165		601 = 1	
Depth (cm)	Ø	9	-10	- 8	Q	4		102	

Notes (continue on back):

