



YYYY	MM	DD	#	#	#	
LOG_SAMPLES_	2023	07	09	_STATION-	046	_W-LAB-142-1
OPERATOR(S)			Eric L.			

Depth Replicate	S320 Cryo-5mL LN2 #1	S023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	S<02 Cryo-5mL FRG +4°C	Filtration Volume (Litres)
Z00 R01 m	112497514	112497515	[ ] 20L [ ] 50L <i>10</i> L	[ ] 15' [ ] 60' min.	112497595	X 10L [ ] 20L L
Z00 R02 m	112497516	112497517	[ ] 20L [ ] 50L <i>10</i> L	[ ] 15' [ ] 60' min.	112497596	X 10L [ ] 20L L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' min.	###-Z02 S<02	[ ] 10L [ ] 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' min.	###-Z02 S<02-2	[ ] 10L [ ] 20L L
Depth Replicate	P320 Cryo-5mL LN2 #1	P023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m	112497518	112497519	[ ] 20L [ ] 50L <i>10</i> L	[ ] 15' [ ] 60' min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' min.		
Depth Replicate	S320-L 15mL falcon -20°C + 10 mL Nucleoprotect	S023-L 15mL falcon -20°C + 10 mL Nucleoprotect	Filtration Volume (Litres)	Filtration Duration (minutes)		
Z00 m	112497520	112497521	[ ] 20L [ ] 50L <i>10</i> L	[ ] 15' [ ] 60' min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' min.		



**Depth**  
**Replicate**

**COMMENTS**

S###

Z00 R01

m

Z00 R02

m

Z02 R01

m

Z02 R02

m

**Depth**

**COMMENTS**

P###

Z00

m

Z02

m

**Depth**

**COMMENTS**

S###L

Z00

m

Z02

m



YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2023 07 09** \_STATION- **0 4 6** \_DECK-BGC

OPERATOR(S) **Lia**

Depth	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C		DICTA Bottle-500mL RT >10°C	SAL Bottle-125mL RT >10°C
Z00 m	 112558075	 112558076	 112558077		 112558246	 112557641
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3		###-Z02 DICTA	###-Z02 SAL
+ 150 µl HCl						+ 300 µl HgCl <sub>2</sub>
Depth	CDOM/FDOM Bottle-60mL FRG +4°C	DOC Vial-40mL FRG +4°C	NUT Bottle-60mL FRZ -20°C			
Z00 R01 m	 112558078	 112558081	 112558084			
Z00 R02 m	 112558079	 112558082	 112558085			
Z00 R03 m	 112558080	 112558083	 112558086			
Z02 R01 m	###-Z02 DOM-1	###-Z02 DOC-1	###-Z02 NUT-1			
Z02 R02 m	##-Z02 DOM-2	##-Z02 DOC-2	##-Z02 NUT-2			
Z02 R03 m	##-Z02 DOM-3	##-Z02 DOC-3	##-Z02 NUT-3			
+ 150 µl HCl						



Depth	COMMENTS TOC	COMMENTS DICTA	COMMENTS SAL
Z00 m			
Z02 m			
Depth Replicate	COMMENTS CDOM/FDOM	COMMENTS DOC	COMMENTS NUT
Z00 R01 m			
Z00 R02 m			
Z00 R03 m			
Z02 R01 m			
Z02 R02 m			
Z02 R03 m			



YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2023** **07** **09** \_STATION- **0 4 6** \_TARDIS-SCP  
 OPERATOR(S) **Kia**

Depth	PPL Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m	112558087	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.	112558091	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R02 m	112558088	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.	112558092	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R03 m	112558089	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.	112558093	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R04 m	112558090	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.	112558094	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z02 R01 m	###-Z02 PPL-1	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-1	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z02 R02 m	###-Z02 PPL-2	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-2	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.
Z02 R03 m	###-Z02 PPL-3	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-3	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.
Z02 R04 m	###-Z02 PPL-4	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-4	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.
Depth Replicate	MB320 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	MB033 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 m	112558095	[ ] 16L 18 L	[ ] 30 25'43 min.	112558096	[ ] 16L 18 L	[ ] 30 25'43 min.
Z02 m	###-Z02 MB320	[ ] 16L L	[ ] 30 min.	###-Z02 MB033	[ ] 16L L	[ ] 30 min.



Depth	Comments
Z00 R01	m
Z00 R02	m
Z00 R03	m
Z00 R04	m
Z02 R01	m
Z02 R02	m
Z02 R03	m
Z02 R04	m



LOG_SAMPLES_	YYYY 2023	MM 07	DD 09	# 0	# 4	# 6	_S-LAB-OTHER
OPERATOR(S)	HB						

Depth Replicates	HC Cryo-5mL LN2 #1	HC-G Cryo-5mL LN2 #1	CP-G Cryo-5mL LN2 #1	SG Cryo-5mL LN2 #1	FC-P Cryo-2mL LN2 #3	FC-G Cryo-2mL LN2 #3
Z00 R01 m	 112497544	 112497560	 112497568	 112497571	 112497573	 112497575
Z00 R02 m	 112497545	 112497561	 112497569	 112497572	 112497574	 112497576
Z00 R03 m	 112497547	 112497562	 112497570	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C
Z00 R04 m	 112497546	 112497563	Glycerol prealiquot - RT			
Z00 R05 m	 112497548	 112497564		DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
Z00 R06 m	 112497549	 112497565		 112558238	 112558241	 112558237
Z00 R07 m	 112497550	 112497566		 112558239	 112558242	 112558244
Z00 R08 m	 112497551	 112497567		 112558240	 112558243	 112558245
Prealiquot	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m	 112558180	[ ] 30L 30 L	[ ] 30 35 min.		=> Collect filtrate for SS protocol onland : V<0.45	
Z02 m	###-Z02 eDNA	[ ] 30L 30 L	[ ] 30 min.			



Depth Replicate	COMMENTS
Z00 R01	m
Z00 R02	m
Z00 R03	m
Z00 R04	m
Z00 R05	m
Z00 R06	m
Z00 R07	m
Z00 R08	m



LOG_SAMPLES_	YYYY	MM	DD	#	#	#
	2023	07	09	_STATION-		0 4 6
OPERATOR(S)	HB			_S-LAB-DECKNET-5		

Depth	DECKNET Volume (Litres)	Time start FILLING ##:##	Time end NET OUT ##:##	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00	[ ] 100 L m 105 L	05 : 40	06 : 10	112497577 SG5-1	112497578 SG5-2
Z02	[ ] 100 L m	:	:	### Z02 SG5-1	### Z02 SG5-2
Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C			
Z00	m	112558181	112558182		
Z02	m	### Z02 FM5-1	### Z02 EM5-2		

\*pre-aliquoted 5 mL PFA/GLUT  
store at -20°C

\* pre-aliquoted Glycine betaine  
store at 4°C



Depth	COMMENTS	
	SG5	
Z00	R01	
	m	
Z00	R02	
	m	
Depth	COMMENTS	
	FM5	
Z00	R01	
	m	
Z00	R02	
	m	



YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2023 07 09** \_STATION- **0 4 6** \_S-LAB-25-1  
 OPERATOR(S) **D.D.**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. <b>0.90</b> 2. <b>0.93</b> 3. <b>0.95</b>	###-Z00 PM-CTRL	[ ] 65 [ ] 135 [ ] 270 <b>[ ] 635</b> [ ] 1080 [ ] 2270	N°: Weight:		
Z02 m	1. 2. 3.	TRIPLECTES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)	
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m	112497522	[ ] 30' [ ] 40' max min	
Z00 m	 112558119	[ ] 65 [ ] 135 [ ] 270 <b>[ ] 635</b> [ ] 1080 [ ] 2270	Z00 R02 m	###-Z00 HP-2	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	
Z02 m	###-Z02 PA	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	Z00 R03 m	###-Z00 HP-3	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	
Depth	PM Petridish FRZ -20°C	Filtration Volume (mL)	N° filtre + weight (mg)	FOI Petridish FRZ -20°C	Filtration Volume (mL)	N° filtre + weight (mg)
Z00 R01 m	 112558120	[ ] 65 [ ] 135 [ ] 270 <b>[ ] 635</b> [ ] 1080 [ ] 2270	N°: <b>33</b> Weight: <b>36.696</b>	 112558123	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: <b>18</b> Weight: <b>36.279</b>
Z00 R02 m	 112558121	[ ] 65 [ ] 135 [ ] 270 <b>[ ] 635</b> [ ] 1080 [ ] 2270	N°: <b>275</b> Weight: <b>36.847</b>	 112558124	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: <b>TR231</b> Weight: <b>36.765</b>
Z00 R03 m	 112558122	[ ] 65 [ ] 135 [ ] 270 <b>[ ] 635</b> [ ] 1080 [ ] 2270	N°: <b>270</b> Weight: <b>37.219</b>	 112558125	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: <b>27</b> Weight: <b>36.225</b>
Z02 R01 m	###-Z02 PM-1	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:	###-Z02 FOI-1	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:	###-Z02 FOI-2	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:	###-Z02 FOI-3	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01  m		
Z00 R02  m		
Z00 R03  m		
Z02 R01  m		
Z02 R02  m		
Z02 R03  m		

Depth Replicate	COMMENTS PA - HP
Z00  m	
Z02  m	



YYYY	MM	DD	#	#	#
LOG-SAMPLES_	2023	07	09	_STATION-	0 4 6 _S-LAB-NET-20
OPERATOR(S)	J.D.				

Net 20  $\mu\text{m}$

[ ] Decknet  
[ ] Deployed at sea

SAMPLE SPLITTING	# of cod-ends [ ] 1    [ ] 2	Total volume [ ] 1600 mL	Aliquots vol. [ ] 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
S20 Cryo-5mL LN2 #1	112497532	<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL [ ] 15 mn	112497533	<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL [ ] 15 mn
FCAM20 Bottle-250mL LIVE	112558148	<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL 			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	112558149	<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	112558150	<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL [ ] 15 mn 270 mL			
MB20 Vial-4mL FRZ -20°C	112558151	<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
FM20 Falcon-50mL FRG +4°C Pre aliquoted PFA+GLUTA store at -20°C	112558152	<input checked="" type="checkbox"/> 45 mL		112558153	<input checked="" type="checkbox"/> 45 mL	



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
S20 Cryo-5mL LN2 #1		
FCAM20 Bottle-250mL LIVE		
E20 Falcon-15mL FRZ -20°C		
S20-L Falcon-5mL FRZ -20°C		
MB20 Vial-4mL FRZ -20°C		
FM20 Falcon-50mL FRG +4°C		

	YYYY	MM	DD	#	#	#			
	LOG-SAMPLES_	2023	07	09	_STATION-	0	4	6	_S-LAB-NET-200
OPERATOR(S)	D.D.								

Horizontal  
WPII-200

SAMPLE SPLITTING

COD-END #1

PROTOCOLS

F200  
Bottle-250mL  
+  
borax/formol  
RT >10°C

Barcode

Fraction of total volume

Aliquot Volume (mL)

250 mL



112558154

*Lots of Ganoß.*

SAMPLE SPLITTING

COD-END #2

Total volume  
[ ] 1600 mL

Aliquots vol.  
[ ] 200 mL

PROTOCOLS

S200  
Cryo-5mL  
LN2 #1

Barcode

Fraction of total volume

Aliquot Volume (mL)

Barcode

Fraction of total volume

Aliquot Volume (mL)

[ ] 1/8



112497534

30mL

[ ] 200 mL

[ ] 15 mn



112497535

[ ] 1/8

40mL

[ ] 200 mL

[ ] 15 mn

S200-L  
Falcon-5mL  
FRZ -20°C  
+ 5mL Nucleo



112558155

[ ] 1/8

30mL

[ ] 200 mL

[ ] 15 mn

*Lots of Ganoß!*



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1		
S200-L Falcon-5mL FRZ -20°C		



	YYYY	MM	DD	#	#	#
LOG-SAMPLES_	2023	07	09	_STATION-	0 4 6	_S-LAB-NET-680
OPERATOR(S)	D.D.					

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [ ] 1600 mL	Fraction of total volume	Bottle volume (mL)	Total volume [ ] 1600 mL	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol	Barcode 112558156	[ ] 50 % [ ] 100 %	250 mL		→ Lots of Diversity + Syngnathus (released)	
F2000 Bottle-250mL RT >10°C + borax/formol	Barcode ### EPI F2000	hand-picked #ind=	[ ] 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect				Barcode 112558157	250mL [ ] 50 % [ ] 100 %	[ ] 200 mL [ ] 400 mL [ ] 600 mL [ ] 800 mL [ ] 15 mn

↳ Lots of Diversity  
+ Syngnathus



SAMPLE SPLITTING	COMMENTS	COMMENTS
PROTOCOLS		
F680 Bottle-250mL RT >10°C		
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C		