Fondation tara océan explore and share

LOG-SAMPLES_W-LAB-142-1

tara EUROPA

C1

LOG_SAMPLES_ YYYY: 2023 MM: 11 DD: 09 _STATION- #: 099 _W-LAB-142-1

OPERATOR(S): OB

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	112494010	112494011	[ ] 20L [ ] 50L 11 L	[ ] 15' [ ] 60' 13 min.	112494012	[ ] 10L [ ] 20L 11 L
Z00 R02 m	112494013	112494014	[ ] 20L [ ] 50L 11 L	[ ] 15' [ ] 60' 13 min.	112494015	[ ] 10L [ ] 20L 11 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	112494016	112494017	[ ] 20L [ ] 50L 15 L	[ ] 15' [ ] 60' 45 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	112555889	112555890	[ ] 20L [ ] 50L 15+15=30 L	[ ] 15' [ ] 60 25+5=30 60 min.
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60 min.

Depth Replicate		COMMENTS S###
Z00	R01 m	13 min filtration + 3/4 min purge no volume meter I just look at mark on the canbays
Z00	R02 m	
Z02	R01 m	
Z02	R02 m	

Depth	COMMENTS P###
Z00 m	no volume meter only 45 min filtration filter saturated
Z02 m	

Depth	COMMENTS S###L
Z00 m	no volume meter
Z02 m	

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LOG-SAMPLES_DECK-BGC

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D1/B1

LOG_SAMPLES_ YYYY: 2023 MM: 09 DD: 09 _STATION- #: 099 _DECK-BGC

OPERATOR(S): DP

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 0 m	112553391	112553392	112553393		112556165	###-Z00 SAL
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3		###-Z02 DICTA	###-Z02 SAL
		+ 150 µl HCl			+ 300 µl $HgCl_2$	

Depth	CDOM/FDOM Bottle-60mL FRG +4°C	DOC Vial-40mL FRG +4°C	NUT Bottle-60mL FRZ -20°C			
Z00 R01 0 m	112553397	112553388	112553394			
Z00 R02 0 m	112553398	112553389	112553395			
Z00 R03 0 m	112553399	112553390	112553396			
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			

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LOG-SAMPLES_TARDIS-SCP

tara EUROPA

D2

LOG_SAMPLES_ YYYY: 2023 MM: 11 DD: 09 _STATION- # # #: 009 _TARDIS-SCP

OPERATOR(S): DP

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	112553402	[ ] 1L [X] 2L	[ ] 60' [X] 120'	112553406	[ ] 1L [X] 2L	[ ] 60' [X] 120'
0 m			L	min.		L	min.
Z00	R02	112553403	[ ] 1L [X] 2L	[ ] 60' [X] 120'	112553407	[ ] 1L [X] 2L	[ ] 60' [X] 120'
0 m			L	min.		L	min.
Z00	R03	112553404	[ ] 1L [X] 2L	[ ] 60' [X] 120'	112553408	[ ] 1L [X] 2L	[ ] 60' [X] 120'
0 m			L	min.		L	min.
Z00	R04	112553405	[X] 1L [ ] 2L	[X] 60' [ ] 120'	112553409	[X] 1L [ ] 2L	[X] 60' [ ] 120'
nullQ BL m			L	min.		L	min.
Z02	R01	###-Z02 PPL-1	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-1	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
m			L	min.		L	min.
Z02	R02	###-Z02 PPL-2	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-2	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
m			L	min.		L	min.
Z02	R03	###-Z02 PPL-3	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-3	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
m			L	min.		L	min.
Z02	R04	###-Z02 PPL-4	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-4	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
m			L	min.		L	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	112553400	[X] 16L	[X] 30	112553401	[X] 16L	[X] 30
m		L	min.		L	min.
Z02	###-Z02 MB320	[ ] 16L	[ ] 30	###-Z02 MB033	[ ] 16L	[ ] 30
m		L	min.		L	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	

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LOG-SAMPLES_S-LAB-OTHER

tara EUROPA

E1

LOG_SAMPLES_ YYYY: 2023 MM: 11 DD: 09 _STATION- #: 099 _S-LAB-OTHER

OPERATOR(S): F.V

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	112494900	112494924	112494938	112494945	112494957	112494951
Z00	R02 m	112494901	112494925	112494939	112494946	112494958	112494952
Z00	R03 m	112494902	112494926	112494940	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04 m	112494903	112494927	Glycerol prealiquot - RT			
Z00	R05 m	112494904	112494928		DGAS * 12 mL exetainer +4°C	DGAS * +4°C	DGAS * +4°C
Z00	R06 m	112494905	112494929		112499284	112499287	112499290
Z00	R07 m	112494906	112494930		112499285	112499288	112499291
Z00	R08 m	112494907	112494931		112499286	112499289	112499292
Prealiquot		No prealiquot	Glycerol prealiquot - RT		* +100µL $ZnCl_2$ →		

Depth Replicate		eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm
Z00	m	112556152	X 30L L	[ ] 30 17 min.	=> Collect filtrate for SS protocol onland : V<0.45	
Z02	m	###-Z02 eDNA	[ ] 30L 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	

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LOG-SAMPLES_S-LAB-DECKNET-5

tara EUROPA

E2

LOG_SAMPLES_ YYYY MM DD: 2023 11 09 _STATION- # # #: 0 9 9 _S-LAB-DECKNET-5

OPERATOR(S): F.V

Depth	DECKNET Volume (Litres)	Time start FILLING ##:##	Time end NET OUT ##:##	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00 m	[ ] 100 L 110 L	13 : 53	14 : 11	112494872	112494873
Z02 m	[ ] 100 L L	:	:	### Z02 SG5-1	### Z02 SG5-2

Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C
Z00 m	112556157	112556158
Z02 m	### Z02 FM5-1	### Z02 FM5-2

*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	

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LOG-SAMPLES_SML-SEA-SURFACE-MICROLAYER

tara EUROPA

E3

YYYY	MM	DD	HH	MM		# # #		OPERATOR(S) INITIALS
2023	11	09	14	30	_STATION-	099	_SML	F.V

Water Collection

Number of dips: 13

Volume Collected (L) 600

Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)	112494963	112494964		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	112494971	112494972	112494973	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	112494980	112494981	112494982	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	112494989	112494990	112494991	

YYYY	MM	DD	HH	MM		# # #		OPERATOR(S) INITIALS
					_STATION-		_SML	

Water Collection

Number of dips:

Volume Collected (L)

Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)	### SML-FC-1	### SML-FC-2		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	### SML-CP-1	### SML-CP-2	### SML-CP-3	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	### SML-320-1	### SML-320-2	### SML-320-3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	### SML-023-1	### SML-023-2	### SML-023-3	

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LOG-SAMPLES_S-LAB-25

tara EUROPA

F1

LOG_SAMPLES_ YYYY: 2023 MM: 11 DD: 09 _STATION- #: 099 _S-LAB-25-1

OPERATOR(S): NR

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 3.92 2. 4.55 3. 4.78		112556227	100 mL	N°: XX111 Weight: 36,433	
Z02 m	1. 2. 3.		TRIPLICATES 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	112495001	300 mL	[ ] 30' [ ] 40' 3 max min
Z00 m	112556228	300 mL	Z00 R02 m	###-Z00 HP-2	mL	[ ] 30' [ ] 40' max min
Z02 m	###-Z02 PA	mL	Z00 R03 m	###-Z00 HP-3	mL	[ ] 30' [ ] 40' max min
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	112556229	300 mL	N°: XX166 Weight: 37,274	112556232	300 mL	N°: XX135 Weight: 37,116
Z00 R02 m	112556230	300 mL	N°: XX337 Weight: 37,006	112556233	300 mL	N°: XX057 Weight: 36,526
Z00 R03 m	112556231	300 mL	N°: XX391 Weight: 37,414	112556234	300 mL	N°: XX393 Weight: 36,511
Z02 R01 m	###-Z02 PM-1	mL	N°: Weight:	###-Z02 FOI-1	mL	N°: Weight:
Z02 R02 m	###-Z02 PM-2	mL	N°: Weight:	###-Z02 FOI-2	mL	N°: Weight:
Z02 R03 m	###-Z02 PM-3	mL	N°: Weight:	###-Z02 FOI-3	mL	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	

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LOG-SAMPLES_S-LAB-NET-20

tara EUROPA

F2

YYYY MM DD

LOG-SAMPLES_ 2023 11 09 _STATION- # # # 099 _S-LAB-NET-20

OPERATOR(S) AR AG

	Net 20 µm			[x] Decknet [ ] Deployed at sea		
SAMPLE SPLITTING	**# of cod-ends** [x] 1 [ ] 2	**Total volume** [x] 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	112495002	[x] 1/8	[x] 200 mL [x] 15 mn	112495003	[x] 1/8	[x] 200 mL [x] 15 mn
FCAM20 Bottle-250mL LIVE	112556237	[x] 1/8	[x] 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	112556238	[x] 1/8	[x] 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	112556239	[x] 1/8	[x] 200 mL [x] 15 mn			
MB20 Vial-4mL FRZ -20°C	112556240	[x] 1/8	[x] 200 mL			
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C	112556235	[x] 45 mL		112556236	[x] 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		

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LOG-SAMPLES_S-LAB-NET-200

tara EUROPA

F3

LOG-SAMPLES_ YYYY 2013 MM 11 DD 09 _STATION- # 0 # 9 # 9 _S-LAB-NET-200

OPERATOR(S) M AC

Horizontal
WPII-200

SAMPLE SPLITTING	COD-END #1					
PROTOCOLS	**Barcode**	**Fraction of total volume**	**Aliquot Volume (mL)**			
F200 Bottle-250mL + borax/formol RT >10°C	112556241	[●] 1 (100%)	[●] 250 mL			
SAMPLE SPLITTING	**COD-END #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)**
S200 Cryo-5mL LN2 #1	112495004	~~[ ] 1/8~~	[ ] 200 mL 60 [●] 15 mn	112495005	[ ] 1/8	[ ] 200 mL 60 [●] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	112556242	[ ] 1/8	[ ] 200 mL 70 [●] 15 mn			

	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		

Fondation tara océan explore and share

LOG-SAMPLES_S-LAB-NET-680

tara EUROPA

F4

LOG-SAMPLES_ YYYY: 2023 MM: 11 DD: 09 _STATION- #: 099 _S-LAB-NET-680

OPERATOR(S): NR NG

	Régent 680					
SAMPLE SPLITTING	NET TOW #1 Total volume [●] 1600 mL			NET TOW #2 Total volume [●] 1600 mL		
PROTOCOLS	Barcode	Fraction of total volume	Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol	112556243	[ ] 50 % [●] 100 %	[●] 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	[ ] 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect				112556244 S680-L	[ ] 50 % [●] 100 %	[ ] 200 mL [●] 15 mn

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