Fondation tara océan explore and share

LOG-METADATA

tara EUROPA

	YYYY	MM	DD		# # #
LOG_SAMPLES_	2024	05	03	_STATION-	1 4 1 _METADATA

BATHYMETRY: 51m

LATITUDE: 40,8354

LONGITUDE: 14,0007

START UTC HH:MM: 05 14

END UTC HH:MM: 10 30

STATION NAME: Monte di Cuma

Depth	SALINITY (from TSG U-Lab)	SEAWATER TEMPERATURE °C (from TSG in U-Lab)	TURBIDITY (1 = open ocean; 2 = coastal; 3 = estuary)	TURBIDITY DATA FNU (from S-Lab)	FLUORESCENCE µg.L^{-1} (from fluoroprobe in U-Lab)
[1] Z= m	37.8829	17.4136	1 ☐ 2 ☒ 3 ☐	0,99 1,42 1,53	
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS LSI, service site! No local boat so water transfer by us. Very strong conditions so we don't do the big nets. Drifted a lot. Also did a 20µm net for the ACN. Transfer done by Kiwi around 2pm in a little harbour. Very nice plankton in the 20µm net. Seastate to 4 and 25 knots during the sampling.

- LISTS OF DEPLOYMENTS BY STATION: ○ NORMAL SITE ● SERVICE SITE

☒ ROSETTE

● A20 PUMP FOR OMICS

● A40 PUMP FOR DECKNET 20 µM

○ ~~NET 200 µM~~

● BOW POLE

● SML

● A20 PUMP FOR DECKNET 5 µM

● ASM

○ ~~NET 680 µM~~

● MERCURY

○ SECCHI DISK: No

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LOG-EVENT_OTHER

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STATION 1 4 1

NORMAL SITE ○ [✓ SERVICE SITE]

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	03	05	05	40.8349	13.9931
END	2024	05	03	07	02	40.8366	13.9385

INVESTIGATOR(S)

EVENT TYPE
○ SML ○ MICROTOPS ○ BOW POLE ○ hTSRB
☒ A20 PUMP ○ A40 PUMP ○ ASM Normal site ○ ASM Service site
○ Aliens in ports ○ eDNA ○ Filtration 5µM

COMMENTS / PROTOCOL NAMES

Bowpole 08:50

T-HG Vial-40mL RT >10°C	112585512	### T-HG-2
MTE-BP Bottle-125mL RT >10°C	112585511	### MTE-S-2

ASM Whirl-Pak FRZ -20°C	### ASM-1	### ASM-2	### ASM-3	### ASM-4	### ASM-5	### ASM-6

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LOG-EVENT_ROSETTE

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STATION 1 4 1 CAST # 1 NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	03	05	14	N 40.8354	E 014.0007
END	2024	05	03	05	20	N 40.8352	E 014.0058

OPERATORS INITIALS: Solenne -

CABLE OUT (m)	45+-	SOUNDER IN (m)	45	WIND SPEED (kn)	22,0
SCANMAR (m)	ø depth 41.	SOUNDER OUT (m)	40	WIND DIRECTION	270
PLACE NAME				SEASTATE **START**	3/4
CTD raw file name	ST141_20240503			SEASTATE **END**	3/4
UVP raw file name				Other information	

Bottle #	1	2	3	4	5	6	7	8	9	10	11	12
Bottle Volume (L)	8	8	8	8	12	12	12	12	12	8	8	12
Depth Label	Z	Z	Z	Z	Z	Z0	Z	Z	Z	Z	Z	Z
Target Depth (m)												
CTD Depth (m)												

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LOG-EVENT_NET

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STATION 1 4 1

~~NORMAL SITE ●~~ [✓ SERVICE SITE ●]

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	03	07	51	+ 40 . 8375	+ 13 . 9868
END	20			08	24	+ 40 . 3888	+ 14 . 0201

INVESTIGATOR(S)

● DAY ○ NIGHT

SOUNDER IN (m)	55	CABLE OUT (m)		SEASTATE **START**	~~8~~ 4
SOUNDER OUT (m)	27	SCANMAR (m)		SEASTATE **END**	

NET TYPE ● Decknet 20* ○ WPII 200 ○ Regent 680 ○ Decknet 5

NET TOW TYPE ● Horizontal ○ Oblique

NET DEPTH (m) MIN MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START 107500 END 108615

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS 20 Knots wind

***volumeter always in litres**

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LOG-EVENT_NET

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STATION 1 4 1

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	03	9	10	N + 40 . 8353	E + 13 . 9891
END	20			10	00	40 . 8350	13 . 9946

INVESTIGATOR(S):

☒ DAY ○ NIGHT

SOUNDER IN (m)	55	CABLE OUT (m)		SEASTATE **START**	4
SOUNDER OUT (m)	50	SCANMAR (m)		SEASTATE **END**	

NET TYPE ☒ Decknet 20* ○ WPII 200 ○ Regent 680 ○ Decknet 5

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m) MIN MAX

NET FLOWMETER /VOLUMETER in L for 20-μM START 108628 END 110420

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS AML [redacted] Net

20-200μm

To be % in 6 bottles.

For AML = 1790 Liters

*volumeter always in litres

[redacted]