Fondation tara océan explore and share — LOG-METADATA — tara EUROPA

LOG_SAMPLES_ YYYY 2024 MM 04 DD 30 _STATION- # 1 # 3 # 8 _METADATA

BATHYMETRY: 30 m

LATITUDE: 40,7369

LONGITUDE: 014,4319

START UTC HH:MM: 05 39

END UTC HH:MM: 13 30

STATION NAME: SARNO SHORE

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	36.1737	18.5284	1 ☐ 2 ☐ 3 ☒	1,25 1,43 1,52	
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS LSI / VVClub water transfer was ready at 09:30 as planned but local boat was very late, pick-up at ≈ 12:15. Did the 20µm at same time. First station for new scientist team C, D, E, F. Vanessa was here for hand-over Florian. Very polluted AIR. Calm and nice weather. Drifting slowly. Very nice diatoms in the 20µm and kind of mucilage in the 200µm, very dense (only 1 minute deployment. Chlo a very high ≈ 9mg/m^3, and lower sal at surface

- 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: 5m !

Fondation **tara océan** explore and share

LOG-EVENT_ROSETTE

tara EUROPA

STATION 1 3 8 CAST # 1

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	30	05	39	+40°.7369	+014°.4319
END	2024	04	30	05	42	+40°.7363	+014°.4308

OPERATORS INITIALS

CABLE OUT (m)	22m	SOUNDER IN (m)	32m	WIND SPEED (kn)	8,6
SCANMAR (m)	23 m	SOUNDER OUT (m)	34m	WIND DIRECTION	050°
PLACE NAME	Sarno shore			SEASTATE **START**	1 rippled
CTD raw file name	ST138_20240430			SEASTATE **END**	1 rippled.
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	Z
Target Depth (m)												
CTD Depth (m)												

Fondation taraocéan explore and share

LOG-EVENT_OTHER

tara EUROPA

STATION 1 3 8

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	30	5	39	40.73699	14.4289
END	2024	04	30	9	00	40.7416	14.4289

INVESTIGATOR(S) JEANTHON

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

→ FiN eDNA 8h30

→ Fin filtrat° virus 9h20

T-HG Vial-40mL RT >10°C	### T-HG-1	### T-HG-2
MTE-BP Bottle-125mL RT >10°C	### MTE-S-1	### MTE-S-2

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

Fondation tara océan explore and share

LOG-EVENT_OTHER

tara EUROPA

STATION 1 3 8

NORMAL SITE ○ SERVICE SITE ●

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	30	07	55	+ 40 . 7413	+ 14 . 4405
END	20					.	.

INVESTIGATOR(S) DC + SC

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

Very Polluted Bay!

T-HG Vial-40mL **RT >10°C**	112581139	### T-HG-2
MTE-BP Bottle-125mL **RT >10°C**	112581138	### MTE-S-2

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

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 3 8

NORMAL SITE ○ SERVICE SITE ●

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	30	09	04	+40.7354	+14.4383
END	2024	04	30	09	10	+40.7350	+14.4393

INVESTIGATOR(S) DC + RR

● DAY ○ NIGHT

SOUNDER IN (m) 31

CABLE OUT (m)

SEASTATE **START** 1

SOUNDER OUT (m) 31

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 106150 END 106370

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

*volumeter always in litres

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 3 8 NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	30	12	06	N 40.7329	E 014.4336
END	2024	04	30	12	07	N 40.7323	E 014.4332

INVESTIGATOR(S) Mench/Solenne ☑ DAY ○ NIGHT

SOUNDER IN (m)	38	CABLE OUT (m)	—	SEASTATE **START**	1
SOUNDER OUT (m)	38	SCANMAR (m)	—	SEASTATE **END**	1

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

NET TOW TYPE ○ Horizontal ○ Oblique

NET DEPTH (m) MIN Surface MAX —

NET FLOWMETER /VOLUMETER in L for 20-µM START 40783 END 41013

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

***volumeter always in litres**

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 3 8 NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	30	12	24	N 40.7288	E 014.4310
END	2024	04	30	12	30	N 40.	E 014.

INVESTIGATOR(S) Mauch/Solenne ☒ DAY ○ NIGHT

SOUNDER IN (m)	44	CABLE OUT (m)	—	SEASTATE **START**	1
SOUNDER OUT (m)		SCANMAR (m)	Surface	SEASTATE **END**	1

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

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m)	MIN	Surface	MAX	—
NET FLOWMETER /VOLUMETER in L for 20-µM	START	41014	END	41888

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS

*volumeter always in litres

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 3 8   NORMAL SITE ○   SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	30	13	07	+ 40°.7323	+ 014°.4372
END	2024	04	30	13	12	+ 40°.7325	+ 014°.4402

INVESTIGATOR(S)

☒ DAY   ○ NIGHT

SOUNDER IN (m) 36m   CABLE OUT (m) Surface   SEASTATE START smooth

SOUNDER OUT (m) 33m   SCANMAR (m)   SEASTATE END smooth

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

NET TOW TYPE ○ Horizontal   ○ Oblique

NET DEPTH (m) MIN Surface   MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START 41889   END 42747

NET COD-END 680 ○ ZooScan   ● S680-L

COMMENTS

**volumeter always in litres*