Fondation tara océan explore and share

LOG-METADATA

tara EUROPA

LOG_SAMPLES_	YYYY: 2024	MM: 04	DD: 27
_STATION-	#: 1	#: 3	#: 7
_METADATA			

BATHYMETRY: 16m

LATITUDE: 41,8637

LONGITUDE: 12,1392

START UTC HH:MM: 06 19

END UTC HH:MM: 12 00

STATION NAME: Tivere 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	36.7724	15.8545	1 ☐ 2 ☐ 3 ☒	3.34 3.54 3.49	
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS Did another Tivere shore because the one from yesterday seemed like a "middle" position. Problem with the black water tank just before the station, the sailors had to empty it while at anchor, we waited 30-45 min after the last water reject to start the station: there was a bit of current to wash everything away.

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

☒ ROSETTE

● A20 PUMP FOR OMICS

● A20 PUMP FOR DECKNET 5 µM

● A40 PUMP FOR DECKNET 20 µM

● ASM

● NET 200 µM

● NET 680 µM

● BOW POLE

● MERCURY

● SML

☒ SECCHI DISK: 3m

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STATION 1 3 7 CAST #

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	27	06	19	N 41 . 8637	E 012 . 1392
END	2024	04	27	06	24	N 41 . 8637	E 012 . 1392

OPERATORS INITIALS: Manch / Solenne

CABLE OUT (m)	~~[illegible]~~ 9m	SOUNDER IN (m)	16	WIND SPEED (kn)	7
SCANMAR (m)	10m	SOUNDER OUT (m)	16	WIND DIRECTION	100°
PLACE NAME				SEASTATE **START**	2-3
CTD raw file name	ST137_20240427			SEASTATE **END**	2-3
UVP raw file name				Other information	

At Anchor 

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 20	Z	Z	Z	Z	Z	Z	Z
Target Depth (m)												
CTD Depth (m)												

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LOG-EVENT_OTHER

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STATION	1	3	7

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	27	06	26	N 41.8638	E 012.1393
END	2024	04	27	07	10	N 41.8638	E 012.1393

INVESTIGATOR(S) Céline Dimier

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

P320 P023
S320 S023
SC02

→ sampling at anchorage.
coastal station

T-HG **Vial-40mL** **RT >10°C**	112581137	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112581136	### 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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STATION 1 3 7

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	27	7	25	N 41 . 8638	E 012 . 1394
END	2024	04	27	7	55	// . //	// . //

INVESTIGATOR(S) Iole Di Capua

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

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

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STATION 1 3 7

NORMAL SITE ☑ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20 24	04	27	7	35	N 41.8638	E 012.1391
END	20 24	04	27	7	58	// . //	// . //

INVESTIGATOR(S) Jole Rke

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

2.5 L

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

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STATION 1 3 7

NORMAL SITE ☑ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	27	8	37	N 41 . 8638	E 012 . 1393
END	2024	04	27	8	50	// . //	// . //

INVESTIGATOR(S) Iole Di Capua

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

150° Wind 14-17 Km/h

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STATION 1 3 7

● NORMAL SITE ○ SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	27	08	53	+ 41 . 8639	+ 012 . 1395
END	20			09	21	.	.

INVESTIGATOR(S)

● DAY ○ NIGHT

SOUNDER IN (m)	16	CABLE OUT (m)		SEASTATE **START**	2
SOUNDER OUT (m)		SCANMAR (m)		SEASTATE **END**	2

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

NET TOW TYPE ● Horizontal ○ Oblique

NET DEPTH (m)	MIN	0	MAX	3
NET FLOWMETER /VOLUMETER in L for 20-µM	START	105120	END	106080

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS At Anchor. ≃ 15 knots wind.

*volumeter always in litres

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STATION 1 3 7

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2021	04	27	10	28	N 41 . 8582	E 012 . 1600
END	20			10	43	N 41 . 8686	012 . 1357

INVESTIGATOR(S)

○ DAY ○ NIGHT

SOUNDER IN (m)		CABLE OUT (m)		SEASTATE **START**	2
SOUNDER OUT (m)		SCANMAR (m)		SEASTATE **END**	2

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 31048 END 33945

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

volumeter always in litres

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STATION 1 3 7

NORMAL SITE [✓ ○] SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	27	11	03	N 41 . 8585	E 012 . 1350
END	2024	04	27	11	23	N 41 . 8704	E 042 . 1309

INVESTIGATOR(S)

[✓ ○] DAY ○ NIGHT

SOUNDER IN (m)		CABLE OUT (m)		SEASTATE **START**	2
SOUNDER OUT (m)		SCANMAR (m)		SEASTATE **END**	2

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 33948 END 37166

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS

***volumeter always in litres**

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STATION 1 3 7

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	27	11	40	N 41.8594	E 012.1316
END	2024	04	27	11	55	N 41.8680	E 012.1285

INVESTIGATOR(S)

○ DAY ○ NIGHT

SOUNDER IN (m)		CABLE OUT (m)		SEASTATE **START**	2
SOUNDER OUT (m)		SCANMAR (m)		SEASTATE **END**	2

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 37166 END 39634

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS

***volumeter always in litres**