Fondation **tara océan** explore and share

LOG-METADATA

tara EUROPA

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	06	25	_STATION-	1	3	5	_METADATA

BATHYMETRY 568m

LATITUDE 41,7727

LONGITUDE 11,8613

START UTC HH:MM 05 53

END UTC HH:MM 15 45

STATION NAME Tivere offshore

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	38.2590	15.9453	1 ☐ 2 ☒ 3 ☐	0.29 0.33 0.43	
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS offshore station, 550m bathymetry. Nice profile with a DCM ≃ 60-75m and stratified water column. Not much biomass at the surface, wind and sea going up during the morning. Amazing diversity in the 20µm net seen in the flowcam. All nets deployed 200m to the surface. A problem with the 200µm net, one cod-end has a hole, ~~[illegible] biomass than in the other [illegible]~~. 2nd depth at 76 meters. No SML, too much swell. So share biomass from one cod-end for All protocols.
- 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~~
DEPLOYED 200m

● ASM

● NET 200 µM

● NET 680 µM

● BOW POLE

● MERCURY

○ ~~SML~~

○ SECCHI DISK: ☐

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LOG-EVENT_ROSETTE

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STATION 1 3 5 CAST # 1 NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)			DECIMAL DEGREE (+/- XX.XXXX)		
START	2024	04	25	05	53	N	41	. 7727	E	011	. 8613
END	20			06	17		41	. 7778		011	. 8597

OPERATORS INITIALS

CABLE OUT (m)	560	SOUNDER IN (m)		WIND SPEED (kn)	7,2
SCANMAR (m)	558	SOUNDER OUT (m)		WIND DIRECTION	160
PLACE NAME				SEASTATE **START**	2
CTD raw file name	ST135_20240425			SEASTATE **END**	2
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	Z	Ⓩ	Z	Z	Z	Z	Z
Target Depth (m)	surf.											
CTD Depth (m)												

LOG-EVENT_OTHER

STATION 1 3 5 NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	25	06	18	N 41 .7778	E 11 .8596
END	2024	04	25	06	49	N 41 .7804	E 11 .8438

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 ~~[illegible]~~ P023

S320 S023

S<02

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 5

NORMAL SITE [✓] SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	25	6	25	N 41.7779	E 011.8587
END	2024	04	25	7	00	N 41.7814	E 011.8365

INVESTIGATOR(S) Toll Di' Gyue

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 5

NORMAL SITE ○ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	25	7	40	N 41.7785	E 011.8529
END	2024	04	25	7	48	N 41.7898	E 011.8482

INVESTIGATOR(S) Iola Di Gru

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

20L

T-HG **Vial-40mL** **RT >10°C**	112581135	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112581134	### 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_NET

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STATION 1 3 5

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	25	08	43	N 41 . 7759	E 011 . 8571
END	2024	04	25	09	03	N 41 . 7784	E 011 . 8460

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	552	CABLE OUT (m)	268	SEASTATE **START**	3
SOUNDER OUT (m)	566	SCANMAR (m)	206	SEASTATE **END**	3

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

WP20µm deployed

NET TOW TYPE ○ Horizontal ● Oblique

NET DEPTH (m) MIN 0 MAX 206

NET FLOWMETER /VOLUMETER in L for 20-µM START 12017 END 12 947

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

We deployed the WP2 20µm from 206m to surface.

volumeter always in litres

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STATION 1 3 5 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	25	09	41	N 41.7797	E 011.8533
END	2024	04	25	10	01	N 41.7832	E 011.8443

INVESTIGATOR(S) Marc/Solene ☒ DAY ○ NIGHT

SOUNDER IN (m)	530	CABLE OUT (m)	250	SEASTATE **START**	3
SOUNDER OUT (m)	511	SCANMAR (m)	203	SEASTATE **END**	3

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

NET TOW TYPE ○ Horizontal ● Oblique

NET DEPTH (m) MIN 0 MAX 203

NET FLOWMETER /VOLUMETER in L for 20-µM START 12951 END 15599

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS

volumeter always in litres

R

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STATION 1 3 5

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	25	11	40	N 41 . 7849	E 011 . 8521
END	2024	04	25	11	57	41 . 8455	011 . 8454

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)		CABLE OUT (m)	254	SEASTATE START	3
SOUNDER OUT (m)		SCANMAR (m)	207	SEASTATE END	3

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

NET TOW TYPE ○ Horizontal ● Oblique

NET DEPTH (m) MIN 0 MAX 207

NET FLOWMETER /VOLUMETER in L for 20-µM START 15601 END 18064

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS

***volumeter always in litres**

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STATION 1 3 5

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	25	12	49	N 41.7840	E 11.8442
END	20			13	03	41.7866	11.8396

INVESTIGATOR(S)

○ DAY ○ NIGHT

SOUNDER IN (m)	210	CABLE OUT (m)	230	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 20722 END 22825

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

***volumeter always in litres**

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STATION 1 3 5   CAST # 2   NORMAL SITE ☒   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	25	13	33	N 41 . 7763	E 11 . 8574
END	20			13	58	41 . 7802	11 . 8532

OPERATORS INITIALS

CABLE OUT (m)	560	SOUNDER IN (m)		WIND SPEED (kn)	10
SCANMAR (m)	545	SOUNDER OUT (m)		WIND DIRECTION	140
PLACE NAME				SEASTATE **START**	2
CTD raw file name	ST135_20240425_bis			SEASTATE **END**	2
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	Z	Z	Z	Z	Z	Z	Z
Target Depth (m)	76											
CTD Depth (m)												

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STATION 1 3 5 CAST # 3

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	25	15	13	N 41 . 7915	E 011 . 8518
END	2024	04	25	15	29	N 41 . 7938	E 011 . 8543

OPERATORS INITIALS:

CABLE OUT (m)	204	SOUNDER IN (m)	471	WIND SPEED (kn)	7,2
SCANMAR (m)	202	SOUNDER OUT (m)	466	WIND DIRECTION	250
PLACE NAME				SEASTATE **START**	2
CTD raw file name	ST135_20240425_TER			SEASTATE **END**	2
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~~	Z	Z	Z	Z	Z	Z	Z
Target Depth (m)	74											
CTD Depth (m)												