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

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	06	03	_STATION-	1	5	8	_METADATA

BATHYMETRY: 23 m

LATITUDE: 44.9293

LONGITUDE: 12.6145

START UTC HH:MM: 05 : 00

END UTC HH:MM: 10 : 00

STATION NAME: Po estuary

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)~~ CTD-Rosette-surface
[1] Z= m	17.8282	19. 8338	1 ☐ 2 ☐ 3 ☒	5,40 5,39 5,41	14.2867 !
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS In front of the river mouth, very high turbidity and chlo a. Again bloom of diatoms but other phyto in the flowcam. Small zoo in the 200µm and fish larvae in the 680 with much less zooplankton than yesterday, and sea horses. Raining a little in the morning.

- 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: 1.5m

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LOG-EVENT_ROSETTE

tara EUROPA

STATION 1 5 8 CAST #

NORMAL SITE ● SERVICE SITE ○

⚓ at anchor. little rain (very light).

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	03	05	03	N 44.9293	E 12.6145
END	2024	06	03	05	09.	N 44.9293	E 12.6145

OPERATORS INITIALS: SC.DM.MO.LB

CABLE OUT (m)	15	SOUNDER IN (m)	23	WIND SPEED (kn)	8,4
~~SCANMAR (m)~~ depth (m).	15	SOUNDER OUT (m)	23.	WIND DIRECTION	060
PLACE NAME	Delta Del Po.			SEASTATE **START**	2
CTD raw file name	ST158_20240603			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)												
CTD Depth (m)												

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LOG-EVENT_OTHER

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STATION 1 5 8

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	03	5	02	N 44.9293	E 12.6143
END	2024	06	03	5	30	N 44.9294	E 12.6143

INVESTIGATOR(S) OB

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 OB

S320 } R01-R02
S023 }

P320
P023

S320-L
S023_L

T-HG **Vial-40mL** **RT >10°C**	112561935	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112561934	### 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 5 8

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	03	06	52	44.929513	12.614257
END	2024	06	03	06	55	44.929496	12.614202

INVESTIGATOR(S) AB

● DAY ○ NIGHT

SOUNDER IN (m)	23	CABLE OUT (m)		SEASTATE **START**	0-1
SOUNDER OUT (m)		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 125240 END 125310

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

volumeter always in litres

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LOG-EVENT_NET

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STATION 1 5 8

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	03	08	05	N 44 . 9326	E 012 . 61 11
END	2024	06	03	08	08	N 44 . 9336	E 012 . 6111

INVESTIGATOR(S) Manch / Sclenn

● DAY ○ NIGHT

SOUNDER IN (m)	22	CABLE OUT (m)	/	SEASTATE **START**	2
SOUNDER OUT (m)	22	SCANMAR (m)	/	SEASTATE **END**	2

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 99408 END 000 61

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

*volumeter always in litres

LOG-EVENT_NET_recto_V22032023

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LOG-EVENT_NET

tara EUROPA

STATION 1 5 8

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	03	08	30	N 44 . 9344	E 012 . 6115
END	2024	06	03	08	45	N 44 . 9265	E 012 . 6119

INVESTIGATOR(S) Mauch/Etienne

● DAY ○ NIGHT

SOUNDER IN (m)	22	CABLE OUT (m)	/	SEASTATE **START**	2
SOUNDER OUT (m)	22	SCANMAR (m)	/	SEASTATE **END**	2

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 00063 END 03620

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS

Lots of fish larvae. Also lot of Ctenaires. I did not take all the ctenaires in the F680 bottle because it would have been too much. I put ≃ 1/5 of the ctenaire.

volumeter always in litres

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LOG-EVENT_NET

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STATION 1 5 8

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	03	08	57	N 44.9271	E 012.6098
END	2024	06	03	09	17	N 44.9238	E 012.6061

INVESTIGATOR(S) Mauch /Solenne

● DAY ○ NIGHT

SOUNDER IN (m)	22	CABLE OUT (m)	—	SEASTATE **START**	2
SOUNDER OUT (m)	21	SCANMAR (m)	—	SEASTATE **END**	2

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 03620 END 08374

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS Lots of fish larvae.

*volumeter always in litres