Fondation tara océan explore and share

LOG-METADATA

tara EUROPA

LOG_SAMPLES_ YYYY 2024 MM 06 DD 04 _STATION- # 1 # 5 # 9 _METADATA

BATHYMETRY 11.5

LATITUDE 45.1829

LONGITUDE 12.3406

START UTC HH:MM 05 45

END UTC HH:MM 11 00

STATION NAME Chioggia

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	31.5894	21.1241	1 ☐ 2 ☐ 3 ☒	26,6 25,4 24,9	4.8545
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS with LSI, very turbid water, in estuary. HHsRB. Very calm and sunny. At Anchor. Lots of aggregates in 200µm, fish larvae in 680 µm, and debris + phyto in the 20 µm. We did a transect from Brenda river ST159 until ADIGE river at 159 bis with a cast for 3x CDOM and 3x POM. 159 bis: 11,9/12/12 turbidity.

- 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: 0.5m !!

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STATION 159

● NORMAL SITE ○ SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	04	7	50	45.182889	12.339843
END	20	06	04	7	54	45.182	12.339

INVESTIGATOR(S) DC

○ DAY ○ NIGHT

SOUNDER IN (m)	13	CABLE OUT (m)		SEASTATE **START**	0
SOUNDER OUT (m)	13	SCANMAR (m)		SEASTATE **END**	0

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 125 420 END 125 570

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

**volumeter always in litres*

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STATION 1 5 9

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	04	08	54	N 45.1822	E 12.3427
END	2024	06	04	09	04	N 45.1843	E 12.3411

INVESTIGATOR(S) SC. MO. CB.

● DAY ○ NIGHT

SOUNDER IN (m) 13,3

CABLE OUT (m) surface

SEASTATE START 0/1

SOUNDER OUT (m) 13

SCANMAR (m) 0

SEASTATE END 0/1

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

NET TOW TYPE ● Horizontal ○ Oblique

NET DEPTH (m) MIN subsurface MAX idem.

NET FLOWMETER /VOLUMETER in L for 20-µM START 08378 END 10801

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS Lots of aggregates and zoo.

*volumeter always in litres

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STATION 1 5 9 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	04	09	49	+ 45° . 1855	+ 012° . 3427
END	2024	06	04	10	09	+ 45° . 1808	+ 012° . 3383

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	13,5	CABLE OUT (m)		SEASTATE **START**	1
SOUNDER OUT (m)	11,7	SCANMAR (m)		SEASTATE **END**	1

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 14374 END 19123

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS

*volumeter always in litres

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STATION 1 5 9

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	04	09	24	N 45 . 1863	E 012 . 3413
END	2024	06	04	09	39	N 45 . 1852	E 012 . 3436

INVESTIGATOR(S) SC. MO. LB.

● DAY ○ NIGHT

SOUNDER IN (m)	13	CABLE OUT (m)	surface	SEASTATE START	0/1
SOUNDER OUT (m)	14m	SCANMAR (m)	0	SEASTATE END	0/1

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

NET TOW TYPE ● Horizontal ○ Oblique

NET DEPTH (m) MIN subsurface MAX idem.

NET FLOWMETER /VOLUMETER in L for 20-µM START 10803 END 14373

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS Lots of fish larvae and wood pieces. 3 released also a "big" fish. ~~in the sea~~

volumeter always in litres

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LOG-SAMPLES_MERCURY

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B4

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	06	06	_STATION-	1	5	9	_MERCURY

OPERATOR(S) DC

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.MeHg 125-mL PETG bottle FRG +4°C	
Z00 m	###-Z00 p.MeHg				112586084	
Z02 m	###-Z02 p.MeHg				###-Z02 f.MeHg	

Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.THg 40-mL glass bottle FRG +4°C	
Z00 m	112524928	#34 127,4	570	13	###-Z00 f.THg	
Z02 m	###-Z02 p.THg				###-Z02 f.THg	

Depth	uf.THg 40-mL glass bottle RT					
Z00 m	###-Z00 uf.THg					
Z02 m	###-Z02 uf.THg					

Depth	COMMENTS	
ZOO m		