Fondation **tara océan** explore and share

LOG-METADATA

tara EUROPA

LOG_SAMPLES_ YYYY 2024 MM 04 DD 20 _STATION- # 1 # 3 # 1 _METADATA

BATHYMETRY 13.5

LATITUDE 42,6265

LONGITUDE 11,0516

START UTC HH:MM 06 00

END UTC HH:MM 11 30

STATION NAME Maremma

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	38.0866	15.5743	1 ☐ 2 ☒ 3 ☐	2.02 1.98 1.98	
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS with LS1. start good weather and then about 20 knots wind! Not much biomass, so we let the big net ≃ 30 minutes.

- 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: 3.5m

LOG-EVENT_ROSETTE

STATION	1	3	1	CAST #	

NORMAL SITE ☒ SERVICE SITE ○

[UTC]

	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)			DECIMAL DEGREE (+/- XX.XXXX)		
START	2024	04	20	08	00	N	42	. 6265	E	11	. 0516
END	2024	04	20	06	03	N	42	. 6242	E	11	. 0500

OPERATORS INITIALS:

CABLE OUT (m)	6	SOUNDER IN (m)	13,7	WIND SPEED (kn)	80
SCANMAR (m)		SOUNDER OUT (m)	14.4	WIND DIRECTION	12,6
PLACE NAME				SEASTATE **START**	2
CTD raw file name	ST131_20240420			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 3 1

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	20	6	15	N 42.6243	E 011.0435
END	2024	04	20	6	40	N 42.6238	E 011.0377

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 1

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	20	06	24	N 42 . 37.426	E 11 . 02.489
END	2024	04	20	07	00	N 42 . 37.440	E 11 . 01.771

INVESTIGATOR(S) Celine 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

S320 S023
P320 P023
S<02

T-HG **Vial-40mL** **RT >10°C**	112580994	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112580993	### 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 1

☑ NORMAL SITE ○ SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	20	6	55	N 42.6239	E 011.0321
END	2024	04	20	7	15	N 42.6250	E 011.0241

INVESTIGATOR(S): Fede 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

2L

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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LOG-EVENT_NET

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STATION 1 3 1

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	20	07	44	N 42.6256	E 11.0369
END	2024	04	20	08	20	N 42.6303	E 11.0143

INVESTIGATOR(S)

○ DAY ○ NIGHT

SOUNDER IN (m)	15.7	CABLE OUT (m)		SEASTATE **START**	SOME SWELL
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 200 MAX 200

NET FLOWMETER /VOLUMETER in L for 20-µM START 95540 END 96760

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 3 1

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	20	09	24	+ 42° . 6303	+ 011° . 0344
END	2024	04	20	09	39	+ 42° . 6265	+ 011° . 0365

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	13,2	CABLE OUT (m)		SEASTATE **START**	2
SOUNDER OUT (m)	15	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 77203 END 82094

82255

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS The net was just taken out of the water at 09"39 at 42°,6265 / 011,0365 but not enough biomass so we put it again until 09:56 at 42°,6166 / 11,0418°.

***volumeter always in litres**

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LOG-EVENT_NET

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STATION 1 3 1

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	20	10	08	N 42° . 6152	E 011° . 0397
END	2024	04	20	10	41	+ 42° . 6055	011° . 0449.

INVESTIGATOR(S) TB

☒ DAY ○ NIGHT

SOUNDER IN (m)	271	CABLE OUT (m)		SEASTATE **START**	2
SOUNDER OUT (m)	36	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 06151 END 11786

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 3 1

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	20	10	48	+ 42 . 6010	+ 011 . 0431.
END	2024	04	20	11	18	+ 42° . 6052	+ 011° . 0392

INVESTIGATOR(S) CD

☒ 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 11786 END 17069

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS

volumeter always in litres

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STATION 1 3 1

NORMAL SITE ☑ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	20	11	00	N 42 . 6243	E 011 . 0435
END	2024	04	20	11	20	W 48 . 6238	E 011 . 0377

INVESTIGATOR(S) Iole Di Capua

EVENT TYPE

☑ SML ○ MICROTOPS ○ BOW POLE ○ hTSRB

○ A20 PUMP ○ A40 PUMP ○ ASM Normal site ○ ASM Service site

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