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LOG-METADATA

tara EUROPA

LOG_SAMPLES_ YYYY 2023 MM 08 DD 05 _STATION- # 0 # 5 # 9 _METADATA

BATHYMETRY 40 m

LATITUDE N 58,257

LONGITUDE + 11,453

START UTC HH:MM 06 19

END UTC HH:MM 10 30

STATION NAME Kristineberg 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	23.35 ~~35.99~~ ~~31.66~~	19.01 ~~16.89~~	1 [ ] 2 [●] 3 [ ]	0,63 0,64 0,60	4,13
[2] Z= m			1 [ ] 2 [ ] 3 [ ]		
[3] Z= m			1 [ ] 2 [ ] 3 [ ]		

- COMMENTS (SWEDEN) : This Station was synchronised with the local boat Alice from the Marine Station to do in the same time the 5 µm and 20 µm net with the truck team. We had problem with the rosette ~~wit~~-connection problem so we were not able to close the bottle or ~~had~~ have data from the CTD. We decided to start the station with the eDNA, the A20 pump and A40 ~~and the~~ We decided at the middle of the station close manually the bottles of the rosette. Ariane (the artist on-board) dived and close one by one the niskin bottle. We also had problem with the net because of the presence of big jellyfish and broke a regent net. Apart from these problems the weather was beautiful with no waves. The new chief scientist and op. E was ~~formed~~ trained during this station and Morgane replaced Doug. Odette resumed her role as op C following Eric.

- 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 x2

● BOW POLE

~~○ MERCURY~~

● SML

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STATION 0 5 9

● NORMAL SITE ○ SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	08	05	06	19	58 . 15.382	11 . 27.151
END	20	08	05	06	49	58 . 15.82	11 . 27.113

INVESTIGATOR(S) E. Boss

EVENT TYPE
○ SML ○ MICROTOPS ● BOW POLE ○ hTSRB
○ A20 PUMP ○ A40 PUMP ○ ASM Normal site ○ ASM Service site
○ Aliens in ports ✓ eDNA

COMMENTS / PROTOCOL NAMES

Filter removed from packaging early.
15-20 l

Bow Pole Time: 09:57 UTC

T-HG **Vial-40mL** **RT >10°C**	112558884 T-HG-1	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112558885	### 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 0 5 9   NORMAL SITE ☒   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	07	05	6	27	58.257487	11.451707
END	2023	07	05	6	51	58.260520	11.452512

INVESTIGATOR(S) OB

EVENT TYPE ○ SML ○ MICROTOPS ○ BOW POLE ○ hTSRB

[✓ ☒ ~~A20 PUMP~~] ● ~~A40 PUMP~~ ○ ASM Normal site ○ ASM Service site

○ Aliens in ports ○ eDNA

COMMENTS / PROTOCOL NAMES 0.1C

S 320-S } Ro1 - Ro2
S023 _S }

S320 _L
S 023_P

P320
P 023

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

LOG-EVENT_NET

STATION | 0 | 5 | 9 |

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	08	05	06	50	N 58 . 260352	E 11 . 4525
END	2023	08	05	06	56	N 58 . 2624	E 11 . 4525

INVESTIGATOR(S) Clara

☒ DAY ○ NIGHT

SOUNDER IN (m)		CABLE OUT (m)		SEASTATE START	
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 48'017 END 48'227

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS A40

*volumeter always in litres

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STATION 0 5 9

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	08	05	07	10	58 . 15.599	11 . 27.389
END	2023	08	05	07	36	58 . 15.702	11 . 27.395

INVESTIGATOR(S) E. Boss

● DAY ○ NIGHT

SOUNDER IN (m)		CABLE OUT (m)		SEASTATE **START**	Calm
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 END

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS 40 L filtered

***volumeter always in litres**

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LOG-EVENT_ROSETTE

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STATION 0 5 9 CAST # 1

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	08	05	7	58	N 58 . 257	E 011° . 453
END	2023	08	05	8	03	N 58 . 260	E 011° . 459

OPERATORS INITIALS: CT ; TS ; EB ; MG ; OB CBD

CABLE OUT (m):

SOUNDER IN (m): 38,5 m

WIND SPEED (kn): 7 nds

SCANMAR (m):

SOUNDER OUT (m):

WIND DIRECTION: SSW

PLACE NAME: Kristineberg shore (2nde time)

SEASTATE START: 1

CTD raw file name:

SEASTATE END: 1

UVP raw file name:

Other information: SWEDEN

Bottle #	1	2	3	4	5	6	7	8	9	10	11	12
Bottle Volume (L)	8	8	12	12	12	8	8	12	12	8	8	8
Depth Label	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
Target Depth (m)												
CTD Depth (m)												

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STATION 0 5 9 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	08	05	8	26	N 58° . 260	E 011° . 453
END	20	08	05	8	31	N 58° . 261	E 011° . 458

INVESTIGATOR(S) Clara ; Morgane ☒ DAY ○ NIGHT

SOUNDER IN (m)	51 m	CABLE OUT (m)		SEASTATE **START**	1
SOUNDER OUT (m)	55 m	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	30980	END	31790

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS Big jellyfishs removed from the sample.
A lot of pleurobrachia in this sample. Too many to keep the complete sample... we just keep ~~the~~ 1/3 of the total sample and throw the rest in the sea.

***volumeter always in litres**

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STATION 0 5 9

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	08	05	8	45	N 58 . 260	E 011° . 453
END	20	08	05	8	50	N 58 . 261	E 011 . 458

INVESTIGATOR(S) Clara ; Morgane

☒ DAY ○ NIGHT

SOUNDER IN (m) 51

CABLE OUT (m)

SEASTATE **START** 1

SOUNDER OUT (m)

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 31791 END 32598

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS The net broke because of the quantity of jellyfish. we was not able to use this sample so we used the 2/3 of the first net sample to do the S680-L. This is not a quantitative sample !

**volumeter always in litres*

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STATION 0 5 9

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- xx.xxxx)	DECIMAL DEGREE (+/- xx.xxxx)
START	20	08	05	9	16	N 58° . 259	E 11 . 453
END	20	08	05	9	18	N 58° . 265	E 11 . 468

INVESTIGATOR(S) Clara ; Morgane

☒ DAY ○ NIGHT

SOUNDER IN (m)	48	CABLE OUT (m)		SEASTATE START	1
SOUNDER OUT (m)		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 65840 END 66219

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS One big jellyfish in one cod-end. removed of the sample.

*volumeter always in litres