

/This paper not to be cited without prior reference to the author./Etude du ZOOPLANCTON.par

Prof. POLK, J.P. MOMMAERTS et M. BOSSICART, Lab. v. Ecol. en Syst. (V.U.B.)

(croisière 01 - Janvier 1972.)

A. Composition qualitative du zooplancton

En apparence, nous remarquons une grande homogénéité dans la composition qualitative, en relation avec l'état latent de la période hivernale. Les nauplii de copépodes et les copépodes dominent en tout point (surtout *Acartia clausi*, *Paracalanus parvus*, *Temora longicornis*, mais aussi *Centropages hamatus*, *Calanus helgolandicus*, *Canuella perplexa*, *Euterpina acutifrons*, *Cyclopina littoralis*, *Caligus* sp., *Corycaeus anglicus*).

B. Composition quantitative du zooplancton

La représentation graphique nous montre une uniformité très grande, il y a, en effet, peu de différence entre le large et la côte.

C. Matières sèche et organique

Il y a une très grande uniformité dans la quantité autant que dans le rapport matière organique - matière sèche, sauf pour les points M01 et M16 où nous trouvons une grande quantité de matière minérale.

D. Comparaison entre les croisières 00 et 05

Toutes les 2 sont des croisières d'hiver à 11 mois d'intervalle.

- La composition qualitative est identique les 2 années consécutives (nauplii et copépodes, surtout *Acartia clausi*, *Paracalanus parvus*, *Temora longicornis*, mais aussi *Centropages hamatus*, *Calanus helgolandicus*, *Canuella perplexa*, *Euterpina acutifrons*, *Cyclopina littoralis*, *Caligus* sp., *Corycaeus anglicus*).
- Cependant notons la présence de polychètes en plus grand nombre pour la croisière 00 qui fut réalisée 30 jours plus tard.

- La composition quantitative est sensiblement identique (comprise entre 2.900 et 940 individus / m³), sauf pour les points M02 (480 individus / m³ à l'embouchure de l'Escaut) et M06 (9.180 individus / m³ avec abondance de rotifères) pour la croisière 00.

STATION 01 M01 020172 1400 00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 1730
 DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 2.79
 DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 1.68
 DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC: R= .66
 DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC: R= .39
 DRY MAT. (G/M3) PARTICLES > 40 MICRONS 2.678
 ASHES IDEN 2.155
 ORG. MAT. IDEN .523
 DIAGRAM CONSTRUCTION DRY MAT. :D= 5.356
 DIAGRAM CONSTRUCTION ORG. MAT. :D= 1.046

	TOT. NUMB./M3	TOT. AVG. REPR.	ANG. REPR.-10PC
PROTOZOA			
NOCTILUCA	1920		
OTHERS	460		
CNIDARIA	0	0	0
ACNIDARIA	40	8	144
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	20	4	72
CRUSTACEA	1680		
NAU. COP.	320	64	
COPEPODS	1360	275	
N+C CLAR.	0	0	0
OTHERS	0	0	0
BRYOZOA (L)	40	8	144
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 02 M02 020172 1815 00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 2220
 DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 3.12
 DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 1.88
 DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC: R= .66
 DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC: R= .39
 DRY MAT. (G/M3) PARTICLES > 40 MICRONS .224
 ASHES IDEN .154
 ORG. MAT. IDEN .07
 DIAGRAM CONSTRUCTION DRY MAT. :D= .448
 DIAGRAM CONSTRUCTION ORG. MAT. :D= .14

	TOT. NUMB./M3	TOT. AVG. REPR.	ANG. REPR.-10PC
PROTOZOA			
NOCTILUCA	2340		
OTHERS	60		
CNIDARIA	0	0	0
ACNIDARIA	20	3	72
NEMATHELMINT.	20	3	72
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	2140		
NAU. COP.	240	33	
COPEPODS	1850	304	
N+C CLAR.	20	3	72
OTHERS	0	0	0
BRYOZOA (L)	40	6	144
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 03

1103

030172

1125

00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 1700

DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 2.73

DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 1.64

DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC: R= .72

DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC: R= .43

DRY MAT. (G/M3) PARTICLES > 40 MICRONS .813

ASHES IDEM .583

ORG. MAT. IDEM .23

DIAGRAM CONSTRUCTION DRY MAT.: D= 1.626

DIAGRAM CONSTRUCTION ORG. MAT.: D= .46

	TOT. NUMB./M3	TOT. ANG. REPR.	ANG. REPR.-10PC
PROTOZOA			
NOCTILUCA	900		
OTHERS	80		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	1700		
NAU. COP.	50	16	240
COPEPODS	1580	334	
N+C CIRR.	0	0	0
OTHERS	40	8	120
PHYCZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 04

1104

030172

1410

00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 1160

DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 2.25

DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 1.36

DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC: R= .59

DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC: R= .35

DRY MAT. (G/M3) PARTICLES > 40 MICRONS .312

ASHES IDEM .175

ORG. MAT. IDEM .137

DIAGRAM CONSTRUCTION DRY MAT.: D= .624

DIAGRAM CONSTRUCTION ORG. MAT.: D= .274

	TOT. NUMB./M3	TOT. ANG. REPR.	ANG. REPR.-10PC
PROTOZOA			
NOCTILUCA	60		
OTHERS	40		
CNIDARIA	20	6	90
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	1140		
NAU. COP.	130	55	
COPEPODS	900	279	
N+C CIRR.	0	0	0
OTHERS	60	18	270
PHYCZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 05

M05

100171

1430 00

TOT. NUMB. INDIV./M3 (PART. EXCL.) 1940
 DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 2.92
 DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 1.76
 DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC: R= .59
 DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC: R= .35
 DRY MAT. (G/M3) PARTICLES > 40 MICRONS .131
 ASHES IDEM .066
 ORG. MAT. IDEM .065
 DIAGRAM CONSTRUCTION DRY MAT. :D= .262
 DIAGRAM CONSTRUCTION ORG. MAT. :D= .13

	TOT. NUMB./M3	TOT. AVG. REPR.	AVG. REPR.-10PC
PROTOZOA			
NOCTILUCA	220		
OTHERS	20		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	80	14	360
CRUSTACEA	1860		
NAU. COP.	420	77	
COPEPODS	1440	267	
N+C CLIP.	0	0	0
OTHERS	0	0	0
REYDZOA (L)	0	0	0
CHARTOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TENICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 06

M06

100172

2000 00.

TOT. NUMB. INDIV./M3 (PART. EXCL.) 1500
 DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 2.56
 DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 1.52
 DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC: R= .29
 DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC: R= .17
 DRY MAT. (G/M3) PARTICLES > 40 MICRONS .248
 ASHES IDEM .17
 ORG. MAT. IDEM .078
 DIAGRAM CONSTRUCTION DRY MAT. :D= .496
 DIAGRAM CONSTRUCTION ORG. MAT. :D= .156

	TOT. NUMB./M3	TOT. AVG. REPR.	AVG. REPR.-10PC
PROTOZOA			
NOCTILUCA	360		
OTHERS	20		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	160	35	
CRUSTACEA	1320		
NAU. COP.	540	105	
COPEPODS	780	311	
N+C CLIP.	0	0	0
OTHERS	0	0	0
REYDZOA (L)	20	2	360
CHARTOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TENICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 04

H 07

070172

12.30 00

TOT.VOLUME INDIV./M3 (PROT.EXCL.) 2540

DIAGRAM CONSTRUCTION (WITH MAX.AREA R=4CM):R= 3.36

DIAGRAM CONSTRUCTION (NO MAX.AREA):R= 2.03

DIAGRAM CONSTRUCTION (WITH MAX.AREA) DECAN.-10PC:R= .20

DIAGRAM CONSTRUCTION (NO MAX.AREA) DECAN.-10PC:R= .17

DRY MAT.(G/M3) PARTICLES > 40 MICRONS .228

ASHES IDEN .161

ORG. MAT. IDEN .067

DIAGRAM CONSTRUCTION DRY MAT.:D= .456

DIAGRAM CONSTRUCTION ORG.MAT.:D= .134

	TOT.VOLUME/M3	TOT.AVG.REPR.	AVG.REPR.-10PC
PROTOZOA			
NOCILUCA	220		
OTHERS	0		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	2500		
NAU.COP.	260	36	
COPEPODS	2300	320	
N+C CLER.	0	0	0
OTHERS	0	0	0
PHYCZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 08

H 08

070172

1000

00

TOT.VOLUME INDIV./M3 (PROT.EXCL.) 2000

DIAGRAM CONSTRUCTION (WITH MAX.AREA R=4CM):R= 2.36

DIAGRAM CONSTRUCTION (NO MAX.AREA):R= 1.73

DIAGRAM CONSTRUCTION (WITH MAX.AREA) DECAN.-10PC:R= .20

DIAGRAM CONSTRUCTION (NO MAX.AREA) DECAN.-10PC:R= .17

DRY MAT.(G/M3) PARTICLES > 40 MICRONS .238

ASHES IDEN .216

ORG. MAT. IDEN .022

DIAGRAM CONSTRUCTION DRY MAT.:D= .476

DIAGRAM CONSTRUCTION ORG.MAT.:D= .044

	TOT.VOLUME/M3	TOT.AVG.REPR.	AVG.REPR.-10PC
PROTOZOA			
NOCILUCA	340		
OTHERS	0		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	2000		
NAU.COP.	280	39	
COPEPODS	1760	316	
N+C CLER.	0	0	0
OTHERS	20	3	360
PHYCZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 09

N 09

140172

1045

00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 940

DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM):R= 2.03

DIAGRAM CONSTRUCTION (NO MAX. AREA):R= 1.22

DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC:R= .41

DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC:R= .25

DRY MAT. (G/M3) PARTICLES > 40 MICRONS .242

ASHES IDEN .171

ORG. MAT. IDEN .071

DIAGRAM CONSTRUCTION DRY MAT.:D= .484

DIAGRAM CONSTRUCTION ORG. MAT.:D= .142

	TOT. NUMB./M3	TOT. AVG. REPR.	AVG. REPR. - 10PC
PROTOZOA			
NOCTILUCA	80		
OTHERS	0		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	900		
MAY. COP.	440	168	
COPEPOD	460	176	
N+C CLAR.	0	0	0
OTHERS	0	0	0
PHYTOZOA (L)	20	7	180
CHATTOSTATRA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	20	7	180
PISCES (OVA)	0	0	0

STATION 16

N 16

130172

1400

00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 1140

DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM):R= 2.23

DIAGRAM CONSTRUCTION (NO MAX. AREA):R= 1.35

DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC:R= .29

DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC:R= .17

DRY MAT. (G/M3) PARTICLES > 40 MICRONS 1.327

ASHES IDEN 1.735

ORG. MAT. IDEN .028

DIAGRAM CONSTRUCTION DRY MAT.:D= 3.654

DIAGRAM CONSTRUCTION ORG. MAT.:D= .134

	TOT. NUMB./M3	TOT. AVG. REPR.	AVG. REPR. - 10PC
PROTOZOA			
NOCTILUCA	0		
OTHERS	0		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	20	6	360
ANNELIDA (L)	0	0	0
CRUSTACEA	1120		
MAY. COP.	380	120	
COPEPOD	740	233	
N+C CLAR.	0	0	0
OTHERS	0	0	0
PHYTOZOA (L)	0	0	0
CHATTOSTATRA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 17

M 17

12 01 72

1445

00

TOT.NUMB.INDIV./M3(Prot.Excl.) 930
 DIAGRAM CONSTRUCTION (WITH MAX.AREA R=4CM):R= 2.07
 DIAGRAM CONSTRUCTION (NO MAX.AREA):R= 1.25
 DIAGRAM CONSTRUCTION (WITH MAX.AREA) ORGAN.-10PC:R= .20
 DIAGRAM CONSTRUCTION (NO MAX.AREA) ORGAN.-10PC:R= .17
 DRY MAT.(G/M3) PARTICLES > 40 MICRONS .303
 ASHES IDEM .221
 ORG. MAT. IDEM .082
 DIAGRAM CONSTRUCTION DRY MAT. :D= .606
 DIAGRAM CONSTRUCTION ORG.MAT.:D= .164

	TOT.NUMB./M3	TOT.AVG.REPR.	AVG.REPR.-10PC
PROTOZOA			
NOCTILUCA	120		
OTHERS	40		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	960		
NAU.COP.	460	168	
COPEPODS	500	183	
N+C CLAR.	0	0	0
OTHERS	0	0	0
BRIOZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 18

M 18

12 01 72

1145

00

TOT.NUMB.INDIV./M3(Prot.Excl.) 3460
 DIAGRAM CONSTRUCTION (WITH MAX.AREA R=4CM):R= 3.89
 DIAGRAM CONSTRUCTION (NO MAX.AREA):R= 2.35
 DIAGRAM CONSTRUCTION (WITH MAX.AREA) ORGAN.-10PC:R= .20
 DIAGRAM CONSTRUCTION (NO MAX.AREA) ORGAN.-10PC:R= .17
 DRY MAT.(G/M3) PARTICLES > 40 MICRONS .464
 ASHES IDEM .415
 ORG. MAT. IDEM .043
 DIAGRAM CONSTRUCTION DRY MAT. :D= .393
 DIAGRAM CONSTRUCTION ORG.MAT.:D= .093

	TOT.NUMB./M3	TOT.AVG.REPR.	AVG.REPR.-10PC
PROTOZOA			
NOCTILUCA	140		
OTHERS	0		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	3460		
NAU.COP.	1360	161	
COPEPODS	2090	216	
N+C CLAR.	0	0	0
OTHERS	0	0	0
BRIOZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 19 M 19 110172 1430 00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 1800
 DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 2.81
 DIAGRAM CONSTRUCTION (N) MAX. AREA: R= 1.60
 DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC: R= .72
 DIAGRAM CONSTRUCTION (N) MAX. AREA) ORGAN.-10PC: R= .43
 DRY MAT. (G/M3) PARTICLES > 40 MICRONS .260
 ASHES IDEN ..122
 ORG. MAT. IDEN .147
 DIAGRAM CONSTRUCTION DRY MAT. :D= .538
 DIAGRAM CONSTRUCTION ORG. MAT. :D= .234

	TOT. NUMB./M3	TOT. AVG. REPR.	AVG. REPR.-10PC
PROTOZOA			
NOCTILUCA	60		
OTHERS	20		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	1700		
NAU. COP.	420	34	
COPEPODS	1260	252	
N+C CLAR.	0	0	0
OTHERS	20	4	60
FRYDZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	100	20	300
PISCES (OVA)	0	0	0

STATION 20 M 20 110172 1045 00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 2100
 DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 3.03
 DIAGRAM CONSTRUCTION (N) MAX. AREA: R= 1.83
 DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC: R= 0
 DIAGRAM CONSTRUCTION (N) MAX. AREA) ORGAN.-10PC: R= 0
 DRY MAT. (G/M3) PARTICLES > 40 MICRONS .200
 ASHES IDEN .178
 ORG. MAT. IDEN .031
 DIAGRAM CONSTRUCTION DRY MAT. :D= .413
 DIAGRAM CONSTRUCTION ORG. MAT. :D= .062

	TOT. NUMB./M3	TOT. AVG. REPR.	AVG. REPR.-10PC
PROTOZOA			
NOCTILUCA	0		
OTHERS	160		
CNIDARIA	0	0	*
ACNIDARIA	0	0	*
NEMATHELMINT.	0	0	*
MOLLUSCA (L)	0	0	*
ANNELIDA (L)	0	0	*
CRUSTACEA	1300		
NAU. COP.	200	154	
COPEPODS	500	154	
N+C CLAR.	0	0	*
OTHERS	0	0	*
FRYDZOA (L)	0	0	*
CHAETOGNATHA	0	0	*
ECHINOD. (L)	0	0	*
TUNICATA	300	51	
PISCES (OVA)	0	0	*

STATION 21

M21

13 01 72

1000

00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 1820

DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM):R= 2.82

DIAGRAM CONSTRUCTION (NO MAX. AREA):R= 1.7

DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC:R= .29

DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC:R= .17

DRY MAT. (G/M3) PARTICLES > 40 MICRONS .179

ASHES IDEM .141

ORG. MAT. IDEM .038

DIAGRAM CONSTRUCTION DRY MAT. :D= .358

DIAGRAM CONSTRUCTION ORG. MAT. :D= .076

	TOT. NUMB./M3	TOT. ANG. REPR.	ANG. REPR.-10PC
PROTOZOA			
NOCTILUCA	640		
OTHERS	0		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	1800		
NAU. COP.	630	134	
COPEPODS	1120	221	
N+C CIRR.	0	0	0
OTHERS	0	0	0
ERYZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 22

M22

06 01 72

1445

00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 3640

DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM):R= 4

DIAGRAM CONSTRUCTION (NO MAX. AREA):R= 2.41

DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAN.-10PC:R= .41

DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAN.-10PC:R= .25

DRY MAT. (G/M3) PARTICLES > 40 MICRONS .203

ASHES IDEM .123

ORG. MAT. IDEM .074

DIAGRAM CONSTRUCTION DRY MAT. :D= .406

DIAGRAM CONSTRUCTION ORG. MAT. :D= .148

	TOT. NUMB./M3	TOT. ANG. REPR.	ANG. REPR.-10PC
PROTOZOA			
NOCTILUCA	500		
OTHERS	21		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	3600		
NAU. COP.	640	63	
COPEPODS	2960	272	
N+C CIRR.	0	0	0
OTHERS	0	0	0
ERYZOA (L)	40	3	360
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 23

M23

060172

1115 00

TOT. NUMB. INDIV./M3 (PROT. EXCL.) 1720

DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 2.74

DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 1.65

DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAV.-10PC: R= .59

DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAV.-10PC: R= .35

DRY MAT. (G/M3) PARTICLES > 40 MICRONS .247

ASHES IDEM .153

ORG. MAT. IDEM .094

DIAGRAM CONSTRUCTION DRY MAT. :D= .494

DIAGRAM CONSTRUCTION ORG.MAT.:D= .188

	TOT. NUMB./M3	TOT. AVG. REPR.	AVG. REPR.-10PC
PROTOZOA			
NOCTILUCA	220		
OTHERS	0		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	1700		
NAU. COP.	60	12	270
COPEPODS	1640	343	
N+C CIRR.	0	0	0
OTHERS	0	0	0
ERYTHROZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	20	4	90
PISCES (OVA)	0	0	0

STATION 24

M24

050172

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TOT. NUMB. INDIV./M3 (PROT. EXCL.) 2000

DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 3.57

DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 2.15

DIAGRAM CONSTRUCTION (WITH MAX. AREA) ORGAV.-10PC: R= .41

DIAGRAM CONSTRUCTION (NO MAX. AREA) ORGAV.-10PC: R= .25

DRY MAT. (G/M3) PARTICLES > 40 MICRONS .105

ASHES IDEM .031

ORG. MAT. IDEM .024

DIAGRAM CONSTRUCTION DRY MAT. :D= .21

DIAGRAM CONSTRUCTION ORG.MAT.:D= .048

	TOT. NUMB./M3	TOT. AVG. REPR.	AVG. REPR.-10PC
PROTOZOA			
NOCTILUCA	60		
OTHERS	20		
CNIDARIA	20	2	130
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	2380		
NAU. COP.	360	44	
COPEPODS	2020	310	
N+C CIRR.	0	0	0
OTHERS	20	2	130
ERYTHROZOA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	0	0	0
PISCES (OVA)	0	0	0

STATION 25

M25

050172

1000

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TOT.NUMB.INDIV./M3(Prot.Excl.) 980

DIAGRAM CONSTRUCTION (WITH MAX.AREA R=4CM):R= 2.07

DIAGRAM CONSTRUCTION (NO MAX.AREA):R= 1.25

DIAGRAM CONSTRUCTION (WITH MAX.AREA) ORGAN.-10PC:R= .41

DIAGRAM CONSTRUCTION (NO MAX.AREA) ORGAN.-10PC:R= .25

DRY MAT.(G/M3) PARTICLES > 40 MICRONS .486

ASHES IDEN .212

ORG. MAT. IDEN .274

DIAGRAM CONSTRUCTION DRY MAT. :D= .972

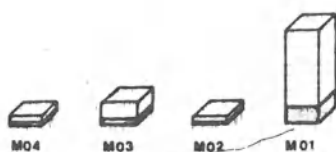
DIAGRAM CONSTRUCTION ORG.MAT.:D= .548

	TOT.NUMB./M3	TOT.ANG.REPR.	ANG.REPR.-10PC
PROTOZOA			
NOCTILUCA	620		
OTHERS	60		
CNIDARIA	0	0	0
ACNIDARIA	0	0	0
NEMATHELMINT.	0	0	0
MOLLUSCA (L)	0	0	0
ANNELIDA (L)	0	0	0
CRUSTACEA	940		
NAU.COP.	120	44	
COPEPODS	820	301	
N+C CLER.	0	0	0
OTHERS	0	0	0
FRYZOZA (L)	0	0	0
CHAETOGNATHA	0	0	0
ECHINOD. (L)	0	0	0
TUNICATA	40	14	360
PISCES (OVA)	0	0	0

CRUISE 5



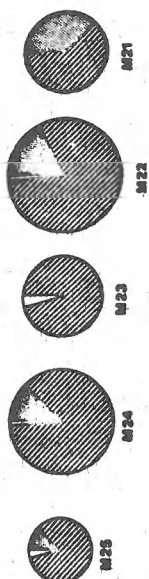
M15 M14 M13 M12 M11



ASGEWICHT

ORGANISCHE STOF [$>40\mu$]

TOTAAL : DROGGEWICHT [$>40\mu$]



CRUISE 5

M11

M12

M13

M14

M15

ZOOPLANKTON

