

C.I.P.S.

MODELE MATHEMATIQUE DE LA  
POLLUTION EN MER DU NORD.

TECHNICAL REPORT

1973/02 BIOL.02

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This paper not to be cited without prior reference to the author.

ETUDE DU ZOOPLANCTON :  
Croisière du 7-8-9 mai 1973. M 16.  
Variations temporelles.

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Time Sharing Service

ZOOPLANKTON EKOLOGIE EN SYSTEMATIEK V.U.B.

DATE OF CRUISE: 7-8-9 MAY 1973 M 16

STATION 16 M16 070573 2230 -2m

TOT. NUMB. INDIV./M3 89560  
DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 4  
DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 11.97

	TOT. NUMB./M3	TOT. ANG. REPR.
CNIDARIA	80	0
ACNIDARIA	260	1
NEMATHELMINT.	20	0
MOLLUSCA (L)	280	1
ANNELIDA (L)	1220	4
CRUSTACEA	86900	
NAU. COP.	35520	142
COPEPODITES	26840	107
COP. ADULTES	24540	98
OTHERS	0	0
BRYOZOA (L)	0	0
CHAETOGNATHA	20	0
ECHINOD. (L)	180	0
TUNICATA	560	2
PISCES (0-L)	40	0

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STATION 16 M16 080573 600 -2m

TOT. NUMB. INDIV./M3 15600  
DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 1.66  
DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 4.99

	TOT. NUMB./M3	TOT. ANG. REPR.
CNIDARIA	0	0
ACNIDARIA	0	0
NEMATHELMINT.	0	0
MOLLUSCA (L)	0	0
ANNELIDA (L)	440	10
CRUSTACEA	15140	
NAU. COP.	14180	327
COPEPODITES	680	15
COP. ADULTES	100	2
OTHERS	180	4
BRYOZOA (L)	0	0
CHAETOGNATHA	0	0
ECHINOD. (L)	0	0
TUNICATA	0	0
PISCES (0-L)	20	0

Time Sharing Service

STATION 16 M16 090573 1230 -2m

TOT. NUMB. INDIV./M3 20660  
DIAGRAM CONSTRUCTION (WITH MAX. AREA R=4CM): R= 1.92  
DIAGRAM CONSTRUCTION (NO MAX. AREA): R= 5.74

	TOT. NUMB./M3	TOT. ANG. REPR.
CNIDARIA	0	0
ACNIDARIA	0	0
NEMATHELMINT.	0	0
MOLLUSCA (L)	20	0
ANNELIDA (L)	160	2
CRUSTACEA	20300	
NAU. COP.	17800	310
COPEPODITES	2400	41
COP. ADULTES	80	1
OTHERS	20	0
BRYOZOA (L)	20	0
CHAETOGNATHA	0	0
ECHINOD. (L)	40	0
TUNICATA	100	1
PISCES (0-L)	20	0

Onderzoek CIPS  
 Cruise mai 1973

Point fixe N16.

	N16 22h30	070573 -2m	N16 6h.	080573 2m	N16 12h30	090573 -2m
<u>Vers gewicht</u> $\mu\text{g}/\text{m}^3$						
<u>Cnidaria</u>						
<u>Acnidaria</u>						
Ctenophora						
<u>Nemathelminthes</u>						
Rotatoria spec.						
Nematoda spec.						
<u>Mollusca</u>						
Gasteropoda (1)						
Lamellibranchia (1)	700				50	
<u>Annelida</u>						
Polychaeta spec.	10553	3806			1384	
Lanice spec.						
<u>Crustacea</u>						
Copepoda nauplii	140304	56011			70310	
Copepoda copepodiet	354288	8976			31680	
Copepoda adult.	1446390	4290			5152	
Cirripedia (1)		960				
Ostracoda						
Decapoda (1)		49860			24930	
Mysidacea						
Cumacea						
Isopoda						
Amphipoda						
Cladocera		24930				
<u>Bryozoa (1)</u>						
<u>Chaetognatha Sagitta spec.</u>	1930					
<u>Echinodermata Larvae spec.</u>						
<u>Tunicata Oikopleura</u>	48440.				8650	
<u>Pisces ( e - 1)</u>	48352	24126			24126	
<b>TOTAAL</b>	<b>2050857</b>	<b>177249</b>			<b>166282</b>	
<b>GEMIDDELDE</b>						
<u>Drooggewicht</u> $\mu\text{g}/\text{m}^3$	410171	35450			33256	
<u>Koolstof</u> $\mu\text{g}/\text{m}^3$	164068	14180			13302	
<u>Stikstof</u> $\mu\text{g}/\text{m}^3$	45119	3900			3658	
<u>Fosfor</u> $\mu\text{g}/\text{m}^3$	4102	354			333.	