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Mise à jour de tous les résultats de production primaire depuis la croisière de janvier 1971.

par
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PRODUCTION POTENTIELLE (production in vitro exprimée en mg C/m³/heure , encore appelée "capacité photosynthétique")

On donne pour les différents niveaux de prise correspondant à des irradiances ("IRRAD") bien précises (100 % ,35 % ,13 % ,4.5 %)⁽¹⁾ les valeurs de production potentielle totale ("TOTAL") ,du nannoplancton ("NANNO") , du microplancton ("NETPL") et le rapport production du microplancton / production du nannoplancton ("RATIO"). Pour chaque niveau sont également mentionnés la profondeur en mètres ("D") et les pourcentages ("PC") relatifs aux différentes catégories.

On peut ainsi reconstruire des profils verticaux qui sont en rapport avec la stratification verticale du phytoplancton.

On donne , quand cela est possible ,une moyenne pondérée ("WGHT MN") des valeurs de production des différents niveaux . Cette moyenne tient compte de ces valeurs et des distances entre les niveaux de prélèvement.

C'est à partir des moyennes pondérées que sont calculées les instructions pour le dessin des graphiques ("DIAGR. CONSTRUC (NO MAX AREA)") où "R" est le rayon d'un cercle dont la surface est proportionnelle à la production potentielle totale et où "A" est l'angle du secteur dont la surface est proportionnelle à la production potentielle du microplancton. Dans les cas où la moyenne pondérée n'a pu être calculée, c'est une valeur de sub-surface qui est prise comme référence (et en dernier ressort ,une valeur de surface).

Quand la production du nannoplancton est apparemment plus grande que celle du phytoplancton total , une deuxième ligne "DIAGR.CONSTR.NANNO (NO MAX AREA)" donne le rayon "R" du cercle dont la surface est proportionnelle à la production du nannoplancton.

(1) Pendant une première période (janvier 1971 jusque janvier 1972 inclu) les profondeurs de prise furent 100 % ,50% ,25 % ,10 % et 1 % , les niveaux les plus fréquemment échantillonnés étant 100 % ,10 % et 1 % . Dans ces cas ,les valeurs mentionnées comme relatives aux niveaux 100%,13% et 4.5% correspondent en fait aux niveaux 100%,10% et 1%.

PRODUCTION INTEGREE (production in situ probable calculée à partir des valeurs in vitro et exprimée en $\text{mg C/m}^2/\text{jour}$)

De la même manière qu'au paragraphe PRODUCTION POTENTIELLE , on donne la production intégrée pour les diverses catégories de phytoplancton ainsi que les instructions pour le dessin des graphiques.

On donne aussi la profondeur en mètres de la couche euphotique ("DEPTH 1 PC SURF. IRRAD.") et le coefficient d'extinction "E" de l'eau.

Ces valeurs ont été calculées en utilisant la formule de Steemann Nielsen (1951) où sont prises en considération les productions potentielles aux niveaux 100 % , 10 % et 1% d'irradiance , l'épaisseur de la couche euphotique et la longueur du jour solaire.

Elles sont différentes des valeurs données précédemment (environ deux fois plus petites) , une erreur de coefficient ayant été corrigée dans les programmes ($1/(5 \times 2)$ au lieu de $1/(5.2)$).

Nous nous proposons de reprendre toutes ces données dans un proche avenir en tenant compte de l'énergie réellement disponible (données de rayonnement global plutôt que de la longueur du jour solaire⁽¹⁾). Ces données de production intégrée restent donc provisoires .

(1) Dans notre rapport de synthèse présenté aux journées d'étude de novembre 1971, nous avons tenu compte à la fois de l'erreur de coefficient et du rayonnement global , de sorte que les valeurs portées en graphiques étaient pratiquement définitives.

PRODUCTION POTENTIELLE

CROISIERE 00 JANVIER - FEVRIER 1971

PRIMARY PRODUCTION EKOLOGISIE EN SYSTEMATIEK V.U.B.
COMPUTATION OF POTENTIAL PRODUCTION (MG C/M3/HOUR)

SAMPLING STATION 1 230171 1400

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	3.97(100)	2.42(60)	1.55(39)	.64
35.00 (0.0)	-	-	-	-
13.00 (1.0)	3.24(100)	2.35(72)	.89(27)	.37
4.50 (2.0)	3.74(100)	2.45(65)	1.29(34)	.52
WGHT MN	3.54(100)	2.39(67)	1.15(32)	.48
DIAGR.CONSTR.(NO MAX AREA):R= 2.37 A= 116				

SAMPLING STATION 2 280171 1430

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	2.60(100)	2.46(94)	.14(5)	.05
35.00 (0.0)	-	-	-	-
13.00 (0.0)	-	-	-	-
4.50 (1.0)	3.71(100)	2.91(78)	.80(21)	.27
DIAGR.CONSTR.(NO MAX AREA):R= 2.43 A= 77				

SAMPLING STATION 3 300171 1400

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	3.62(100)	1.78(49)	1.84(50)	1.03
35.00 (1.0)	3.83(100)	2.07(54)	1.76(45)	.85
13.00 (2.0)	3.64(100)	2.25(61)	1.39(38)	.61
4.50 (4.0)	3.55(100)	2.07(58)	1.48(41)	.71
WGHT MN	3.66(100)	2.10(57)	1.56(42)	.74
DIAGR.CONSTR.(NO MAX AREA):R= 2.41 A= 153				

SAMPLING STATION 4 310171 1015

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.97(100)	1.12(56)	.85(43)	.75
35.00 (4.0)	2.23(100)	1.04(46)	1.19(53)	1.14
13.00 (7.0)	2.04(100)	.97(47)	1.07(52)	1.10
4.50 (14.0)	1.93(100)	.89(46)	1.04(53)	1.16
WGHT MN	2.04(100)	.98(48)	1.06(51)	1.08
DIAGR.CONSTR.(NO MAX AREA):R= 1.8 A= 187				

SAMPLING STATION 91 20271 900 (OSTEND HARBOUR)

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.90	2.03	(0)	(0)
35.00 (0.0)	-	-	-	-
13.00 (0.0)	-	-	-	-
4.50 (0.0)	-	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 1.74 A=-25				

SAMPLING STATION 92 20271 930 (ONE MILE OFF OSTEND)

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	7.03(100)	6.75(96)	.28(3)	.04
35.0(.0)	-	-	-	-
13.0(.0)	-	-	-	-
4.5(.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 3.35 A= 14

SAMPLING STATION 5 20271 1330

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.35(100)	.77(32)	1.58(67)	2.05
35.0(2.0)	2.29(100)	.96(41)	1.33(58)	1.38
13.0(3.0)	2.47(100)	.73(29)	1.74(70)	2.38
4.5(6.0)	1.88(100)	.79(42)	1.09(57)	1.37
WGHT MN	2.25(100)	.80(35)	1.45(64)	1.81

DIAGR.CONSTR.(NO MAX AREA):R= 1.89 A= 231

SAMPLING STATION 6 40271 1200

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	3.56(100)	1.00(28)	2.56(71)	2.55
35.0(3.0)	3.36(100)	1.39(41)	1.97(58)	1.41
13.0(5.0)	3.45(100)	1.03(29)	2.42(70)	2.34
4.5(10.0)	3.90(100)	1.20(30)	2.70(69)	2.25
WGHT MN	3.55(100)	1.15(32)	2.40(67)	2.08

DIAGR.CONSTR.(NO MAX AREA):R= 2.38 A= 243

SAMPLING STATION 7 50271 930

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	4.62(100)	3.46(74)	1.16(25)	.33
35.0(.0)	-	-	-	-
13.0(.0)	-	-	-	-
4.5(.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 2.71 A= 90

CROISIERE 01 JUIN - JUILLET 1971

PRIMARY PRODUCTION ÉKOLOGIE EN SYSTEMATIEK V.U.B.
COMPUTATION OF POTENTIAL PRODUCTION (MG C/M3/HOUR)

SAMPLING STATION 6 230671 1205

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0)	21.82(100)	17.37(79)	4.45(20)	.25
35.00 (0)	-	-	-	-
13.00 (0)	-	-	-	-
4.50 (2.5)	27.94(100)	18.65(66)	9.29(33)	.45

DIAGR.CONSTR.(NO MAX AREA):R= 6.68 A= 119

SAMPLING STATION 9 240671 1215

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0)	3.62	5.13	(0)	(0)
35.00 (4.0)	3.57	3.88	(0)	(0)
13.00 (13.0)	3.83(100)	3.58(93)	.25(6)	.06
4.50 (27.0)	3.50	6.19	(0)	(0)
WGHT MN	3.66	4.44	(0)	(0)

DIAGR.CONSTR.(NO MAX AREA):R= 2.41 A=-77
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 2.66

SAMPLING STATION 7 250671 900

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0)	12.66(100)	2.91(22)	9.75(77)	3.35
35.00 (0)	-	-	-	-
13.00 (8.0)	12.91(100)	2.90(22)	10.01(77)	3.45
4.50 (16.0)	13.25(100)	3.51(26)	9.74(73)	2.77
WGHT MN	12.93(100)	3.05(23)	9.88(76)	3.23

DIAGR.CONSTR.(NO MAX AREA):R= 4.54 A= 275

SAMPLING STATION 1 280671 1230

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0)	20.22(100)	16.53(78)	4.46(21)	.22
35.00 (0)	-	-	-	-
13.00 (1.0)	26.97(100)	15.35(56)	11.62(43)	.75
4.50 (3.0)	24.80(100)	16.59(66)	8.21(33)	.47
WGHT MN	25.24(100)	15.95(63)	9.29(36)	.51

DIAGR.CONSTR.(NO MAX AREA):R= 6.35 A= 132

SAMPLING STATION 4 290671 1230

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0)	3.05(100)	2.38(78)	.67(21)	.22
35.00 (4.0)	3.52	3.70	(0)	(0)
13.00 (12.0)	3.93(100)	3.76(95)	.17(4)	.04
4.50 (24.0)	3.63	3.88	(0)	(0)
WGHT MN	3.67(100)	3.65(99)	.02(0)	.01

DIAGR.CONSTR.(NO MAX AREA):R= 2.42 A= 1

SAMPLING STATION 2 300671 1230

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	5.91(100)	3.24(54)	2.67(45)	.82
35.00 (.0)	-	-	-	-
13.00 (7.0)	3.60(100)	3.24(89)	.36(9)	.11
4.5(13.5)	3.49(100)	3.15(90)	.34(9)	.10
WGHT MN	4.17(100)	3.21(76)	.96(23)	.29

DIAGR.CONSTR.(NO MAX AREA):R= 2.58 A= 82

SAMPLING STATION 3 10771 1215

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	3.81	3.20	(0)	(0)
35.00 (3.0)	5.16(100)	4.38(84)	.78(15)	.17
13.00 (9.5)	4.92(100)	4.52(92)	.36(7)	.07
4.5(15.0)	5.06(100)	4.34(85)	.72(14)	.16
WGHT MN	4.93(100)	4.42(89)	.51(10)	.11

DIAGR.CONSTR.(NO MAX AREA):R= 2.8 A= 37

SAMPLING STATION 5 20771 930

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	17.07(100)	13.74(80)	3.33(19)	.24
35.00 (.0)	-	-	-	-
13.00 (.0)	-	-	-	-
4.5(3.6)	20.75(100)	8.99(43)	11.76(56)	1.30

DIAGR.CONSTR.(NO MAX AREA):R= 5.76 A= 204

SAMPLING STATION 8 50771 1230

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	3.49(100)	1.66(47)	1.83(52)	1.10
35.00 (6.5)	8.63(100)	2.24(25)	6.39(74)	2.80
13.00 (11.0)	6.18(100)	2.33(37)	3.85(62)	1.65
4.5(22.0)	3.70(100)	1.52(41)	2.18(58)	1.43
WGHT MN	5.77(100)	2.00(34)	3.77(65)	1.38

DIAGR.CONSTR.(NO MAX AREA):R= 3.03 A= 235

SAMPLING STATION 11 70771 1500

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.63(100)	1.20(45)	1.43(54)	1.19
35.00 (.0)	-	-	-	-
13.00 (7.0)	3.86(100)	2.20(56)	1.66(43)	.75
4.5(13.5)	8.26(100)	2.24(27)	6.02(72)	2.68
WGHT MN	4.60(100)	1.95(42)	2.65(57)	1.35

DIAGR.CONSTR.(NO MAX AREA):R= 2.71 A= 207

SAMPLING STATION 12 80771 1215

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	3.43(100)	2.21(64)	1.22(35)	.55
35.0(6.5)	5.32(100)	3.25(61)	2.07(38)	.63
13.0(11.0)	3.94(100)	3.72(94)	.22(5)	.05
4.5(22.0)	3.28(100)	3.00(91)	.28(8)	.09
WGHT MN	4.04(100)	3.19(78)	.85(21)	.26

DIAGR.CONSTR.(NO MAX AREA):R= 2.54 A= 75

SAMPLING STATION 13 80771 1500

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.82(100)	1.74(61)	1.08(38)	.62
35.0(8.0)	1.96(100)	1.58(80)	.38(19)	.24
13.0(13.5)	4.34(100)	1.74(40)	2.60(59)	1.49
4.5(27.0)	1.55	8.52	(0)	(0)
WGHT MN	2.82	3.39	(0)	(0)

DIAGR.CONSTR.(NO MAX AREA):R= 2.12 A=-73
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 2.32

SAMPLING STATION 14 90771 1225

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.37(100)	.59(24)	1.78(75)	3.01
35.0(4.5)	4.68(100)	2.10(44)	2.58(55)	1.22
13.0(15.0)	5.04(100)	2.89(57)	2.15(42)	.74
4.5(30.0)	5.00(100)	2.93(58)	2.07(41)	.70
WGHT MN	4.73(100)	2.52(53)	2.21(46)	.87

DIAGR.CONSTR.(NO MAX AREA):R= 2.75 A= 168

SAMPLING STATION 15 90771 1500

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	1.71(100)	1.65(96)	.06(3)	.03
35.0(5.0)	4.00(100)	3.44(85)	.56(14)	.16
13.0(16.0)	3.30(100)	3.19(96)	.11(3)	.03
4.5(32.0)	3.01(100)	2.25(74)	.76(25)	.33
WGHT MN	3.27(100)	2.89(88)	.38(11)	.13

DIAGR.CONSTR.(NO MAX AREA):R= 2.28 A= 41

CROISIERE 02 AOUT 1971

PRIMARY PRODUCTION EKOLOGIE EN SYSTEMATIEK V.U.B.
COMPUTATION OF POTENTIAL PRODUCTION (MG C/M3/HOUR)

SAMPLING STATION 16 170871 1115

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 .00	16.69(100)	2.16(12)	14.53(87)	6.72
35.00 .00	-	-	-	-
13.00 6.00	45.04(100)	3.31(7)	41.73(92)	12.60
4.5(11.5)	36.25(100)	5.99(16)	30.26(83)	5.05
WGHT MN	35.54(100)	3.65(10)	31.89(89)	8.73

DIAGR.CONSTR.(NO MAX AREA):R= 7.54 A= 323

SAMPLING STATION 17 170871 1245

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 .00	13.85(100)	.71(5)	13.14(94)	18.50
35.00 .00	-	-	-	-
13.00 6.50	15.57(100)	2.11(13)	13.46(86)	6.37
4.5(14.5)	15.24(100)	1.31(8)	13.93(91)	10.63
WGHT MN	15.09(100)	1.57(10)	13.52(89)	8.61

DIAGR.CONSTR.(NO MAX AREA):R= 4.91 A= 322

SAMPLING STATION 18 180871 1115

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 .00	23.21(100)	4.08(17)	19.13(82)	4.68
35.00 .00	-	-	-	-
13.00 7.00	45.26(100)	3.38(7)	41.88(92)	12.39
4.5(16.0)	34.17(100)	3.70(9)	30.77(90)	9.04
WGHT MN	37.31(100)	3.53(9)	33.78(90)	9.56

DIAGR.CONSTR.(NO MAX AREA):R= 7.72 A= 325

SAMPLING STATION 19 180871 1315

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 .00	4.38(100)	3.67(83)	.71(16)	.19
35.00 .00	-	-	-	-
13.00 9.50	6.88(100)	4.51(65)	2.37(34)	.52
4.5(19.0)	6.39(100)	3.97(62)	2.42(37)	.60
WGHT MN	6.13(100)	4.16(67)	1.97(32)	.47

DIAGR.CONSTR.(NO MAX AREA):R= 3.13 A= 115

SAMPLING STATION 20 190871 1245

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	5.46(100)	4.19(76)	1.27(23)	.30
35.00 (.0)	-	-	-	-
13.00(12.0)	7.05(100)	5.44(77)	1.61(22)	.29
4.5(26.0)	6.37(100)	5.51(86)	.86(13)	.15
WGHT MN	6.49(100)	5.17(79)	1.32(20)	.25

DIAGR.CONSTR.(NO MAX AREA):R= 3.22 A= 73

SAMPLING STATION 25 240871 1120

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.64(100)	.88(33)	1.76(66)	1.99
35.00 (.0)	-	-	-	-
13.00(15.0)	3.42(100)	1.07(31)	2.35(68)	2.19
4.5(30.0)	3.94(100)	2.42(61)	1.52(38)	.62
WGHT MN	3.35(100)	1.35(40)	2.00(59)	1.48

DIAGR.CONSTR.(NO MAX AREA):R= 2.31 A= 214

SAMPLING STATION 24 240871 1330

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.59(100)	.95(36)	1.64(63)	1.72
35.00(5.0)	1.76(100)	.92(52)	.84(47)	.91
13.00(17.5)	1.68	2.41	(0)	(0)
4.5(.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.67 A= 171

SAMPLING STATION 23 250871 1110

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	4.27(100)	2.96(69)	1.31(30)	.44
35.00 (.0)	-	-	-	-
13.00(10.0)	7.02(100)	3.89(55)	3.13(44)	.80
4.5(20.0)	9.99(100)	4.20(42)	5.79(57)	1.37
WGHT MN	7.07(100)	3.73(52)	3.34(47)	.89

DIAGR.CONSTR.(NO MAX AREA):R= 3.36 A= 170

SAMPLING STATION 22 250871 1345

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	15.37(100)	2.54(16)	12.83(83)	5.05
35.00 (.0)	-	-	-	-
13.00(6.5)	15.78(100)	2.34(14)	13.44(85)	5.74
4.5(15.0)	18.01(100)	3.31(18)	14.70(81)	4.44
WGHT MN	16.32(100)	2.65(16)	13.67(83)	5.15

DIAGR.CONSTR.(NO MAX AREA):R= 5.1 A= 301

SAMPLING STATION 21 260871 1120

IRREAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	33.93(100)	8.93(26)	25.00(73)	2.79
35.0(.0)	-	-	-	-
13.0(7.5)	51.32(100)	11.11(21)	40.21(78)	3.61
4.5(13.0)	72.37(100)	15.87(21)	56.50(78)	3.56
WGHT MN	50.75(100)	11.48(22)	39.27(77)	3.42

DIAGR.CONSTR.(NO MAX AREA):R= 9.01 A= 278

PRIMARY PRODUCTION EKOLOGIE EN SYSTEMATIEK V.U.B.
COMPUTATION OF POTENTIAL PRODUCTION (MG C/M3/HOUR)

SAMPLING STATION 1 70971 1245

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 .0)	18.87(100)	5.64(29)	13.23(70)	2.54
35.00 .0)	-	-	-	-
13.00 (2.5)	22.08(100)	4.95(22)	17.13(77)	3.46
4.50 (4.5)	35.79(100)	6.61(18)	29.18(81)	4.41
WGHT MN	24.23(100)	5.51(22)	18.72(77)	3.39
DIAGR. CONSTR. (NO MAX AREA): R= 6.22 A= 278				

SAMPLING STATION 53 80971 1300

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 .0)	6.44(100)	5.45(84)	.99(15)	.18
35.00 .0)	-	-	-	-
13.00 (7.5)	8.00(100)	6.44(80)	1.56(19)	.24
4.50 (17.0)	7.27(100)	5.99(82)	1.28(17)	.21
WGHT MN	7.45(100)	6.09(81)	1.36(18)	.22
DIAGR. CONSTR. (NO MAX AREA): R= 3.45 A= 65				

SAMPLING STATION 58 90971 1345

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 .0)	3.51(100)	2.66(75)	.85(24)	.31
35.00 .0)	-	-	-	-
13.00 (9.5)	3.63(100)	2.75(75)	.88(24)	.31
4.50 (19.0)	3.30(100)	3.20(96)	.10(3)	.03
WGHT MN	3.51(100)	2.83(80)	.68(19)	.24
DIAGR. CONSTR. (NO MAX AREA): R= 2.36 A= 69				

SAMPLING STATION 62 100971 1145

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 .0)	4.08(100)	3.67(89)	.41(10)	.11
35.00 .0)	-	-	-	-
13.00 (13.5)	3.73(100)	3.01(80)	.72(19)	.23
4.50 (27.0)	4.02(100)	2.74(68)	1.28(31)	.46
WGHT MN	3.28(100)	3.10(79)	.78(20)	.25
DIAGR. CONSTR. (NO MAX AREA): R= 2.49 A= 72				

SAMPLING STATION 55 130971 1315

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 .0)	21.16(100)	7.62(36)	13.54(63)	1.77
35.00 .0)	-	-	-	-
13.00 (3.5)	31.36(100)	9.99(31)	21.37(68)	2.15
4.50 (8.0)	24.49(100)	8.36(34)	16.13(65)	1.99
WGHT MN	27.10(100)	9.01(33)	18.18(66)	2.01
DIAGR. CONSTR. (NO MAX AREA): R= 6.59 A= 240				

SAMPLING STATION 67 140971 1145

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	6.41(100)	3.28(51)	3.13(48)	.95
35.0(.0)	-	-	-	-
13.0(13.5)	4.59(100)	2.89(62)	1.70(37)	.58
4.5(27.0)	6.04(100)	3.72(61)	2.32(38)	.62
WGHT MN	5.40(100)	3.19(59)	2.21(40)	.69
DIAGR.CONSTR.(NO MAX AREA):R= 2.93 A= 147				

SAMPLING STATION 66 140971 1345

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	6.78(100)	5.63(83)	1.15(16)	.20
35.0(.0)	-	-	-	-
13.0(10.0)	5.76(100)	5.76(100)	.00(0)	.00
4.5(20.0)	5.90(100)	5.39(91)	.51(8)	.09
WGHT MN	6.04(100)	5.63(93)	.41(6)	.07
DIAGR.CONSTR.(NO MAX AREA):R= 3.1 A= 24				

SAMPLING STATION 72 150971 1300

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.83(100)	1.99(70)	.84(29)	.42
35.0(.0)	-	-	-	-
13.0(16.0)	2.96(100)	2.63(88)	.33(11)	.12
4.5(32.5)	3.99(100)	2.66(66)	1.33(33)	.50
WGHT MN	3.18(100)	2.48(77)	.70(22)	.23
DIAGR.CONSTR.(NO MAX AREA):R= 2.25 A= 79				

SAMPLING STATION 60 160971 1300

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	11.82(100)	3.34(28)	8.48(71)	2.53
35.0(.0)	-	-	-	-
13.0(9.5)	18.80(100)	4.12(21)	14.68(78)	3.56
4.5(19.0)	18.99(100)	5.43(28)	13.56(71)	2.49
WGHT MN	17.10(100)	4.25(24)	12.85(75)	3.02
DIAGR.CONSTR.(NO MAX AREA):R= 5.23 A= 270				

SAMPLING STATION 54 200971 1330

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	14.86(100)	7.32(49)	7.54(50)	1.03
35.0(.0)	-	-	-	-
13.0(1.5)	17.72(100)	14.39(81)	3.33(18)	.23
4.5(3.0)	24.50(100)	15.78(64)	8.72(35)	.55
WGHT MN	13.69(100)	12.96(94)	5.73(30)	.44
DIAGR.CONSTR.(NO MAX AREA):R= 5.46 A= 110				

SAMPLING STATION 59 210971 1315

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	31.38(100)	9.62(30)	21.76(69)	2.26
35.0(.0)	-	-	-	-
13.0(4.0)	22.35(100)	9.45(42)	12.90(57)	1.36
4.5(9.0)	33.79(100)	14.69(43)	19.10(56)	1.30
WGHT MN	27.53(100)	10.94(39)	16.59(60)	1.51

DIAGR.CONSTR.(NO MAX AREA):R= 6.63 A= 216

SAMPLING STATION 63 220971 1330

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	26.53(100)	15.25(57)	11.28(42)	.73
35.0(.0)	-	-	-	-
13.0(4.5)	27.87(100)	13.16(47)	14.71(52)	1.11
4.5(10.0)	26.16(100)	15.10(57)	11.06(42)	.73
WGHT MN	27.09(100)	14.16(52)	12.93(47)	.91

DIAGR.CONSTR.(NO MAX AREA):R= 6.58 A= 171

SAMPLING STATION 68 230971 1115

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	39.85(100)	13.04(32)	26.81(67)	2.05
35.0(.0)	-	-	-	-
13.0(3.0)	32.81(100)	16.59(50)	16.22(49)	.97
4.5(6.5)	57.84(100)	21.03(36)	36.81(63)	1.75
WGHT MN	41.17(100)	16.96(41)	24.21(58)	1.42

DIAGR.CONSTR.(NO MAX AREA):R= 8.11 A= 211

SAMPLING STATION 70 230971 1400

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	4.72	9.67	(0)	(0)
35.0(.0)	-	-	-	-
13.0(11.5)	4.83	9.54	(0)	(0)
4.5(17.0)	4.62(100)	2.67(57)	1.95(42)	.73
WGHT MN	4.75	8.47	(0)	(0)

DIAGR.CONSTR.(NO MAX AREA):R= 2.75 A=-282
 DIAGR.CONSTR.NANNO (NO MAX AREA):R= 3.68

PRIMARY PRODUCTION EKOLOGIE EN SYSTEMATIEK V.U.B.
 COMPUTATION OF POTENTIAL PRODUCTION (MG C/M3/HOUR)

SAMPLING STATION 1 30172 1315

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	4.28(100)	3.94(92)	.34(7)	.08
35.00 (.0)	-	-	-	-
13.00 (3.0)	8.39	-	-	-
4.5(6.5)	3.49	-	-	-
WGHT MN	6.12	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 3.12 A= 28				

SAMPLING STATION 3 40172 1200

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.66	3.26	(0)	(0)
35.00 (.0)	-	-	-	-
13.00 (3.5)	3.62	-	-	-
4.5(7.0)	3.25	-	-	-
WGHT MN	3.28	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 2.29 A=-82				
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 2.53				

SAMPLING STATION 4 40172 1400

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	1.27(100)	1.12(88)	.15(11)	.13
35.00 (.0)	-	-	-	-
13.00 (5.5)	1.85	-	-	-
4.5(.0)	-	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 1.42 A= 42				

SAMPLING STATION 25 50172 1130

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	1.78(100)	1.57(88)	.21(11)	.13
35.00 (.0)	-	-	-	-
13.00 (9.0)	1.49	-	-	-
4.5(16.0)	3.03	-	-	-
WGHT MN	1.90	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 1.74 A= 42				

SAMPLING STATION 24 50172 1415

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	1.25	1.33	(0)	(0)
35.00 (.0)	-	-	-	-
13.00 (9.0)	1.86	-	-	-
4.5(16.0)	1.74	-	-	-
WGHT MN	1.66	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 1.62 A=-34				
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.63				

SAMPLING STATION 23 60172 1130

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.37(100)	1.17(49)	1.20(50)	1.02
35.00 (.0)	-	-	-	-
13.00 (10.5)	2.22	-	-	-
4.50 (24.0)	2.30	-	-	-
WGHT MN	2.27	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 1.9 A= 182				

SAMPLING STATION 22 60172 1350

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.24(100)	1.95(87)	.29(12)	.14
35.00 (.0)	-	-	-	-
13.00 (11.0)	1.97	-	-	-
4.50 (20.0)	1.98	-	-	-
WGHT MN	2.04	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 1.8 A= 46				

SAMPLING STATION 8 70172 1045

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.26(100)	2.05(90)	.21(9)	.10
35.00 (.0)	-	-	-	-
13.00 (6.0)	2.42	-	-	-
4.50 (11.0)	2.92	-	-	-
WGHT MN	2.48	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 1.99 A= 33				

SAMPLING STATION 7 70172 1230

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	3.55	4.41	(0)	(0)
35.00 (.0)	-	-	-	-
13.00 (1.0)	4.84	-	-	-
4.50 (3.0)	3.20	-	-	-
WGHT MN	4.07	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 2.55 A=-88				
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 2.84				

SAMPLING STATION 5 100172 1345

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.44	4.44	(0)	(0)
35.00 (.0)	-	-	-	-
13.00 (2.0)	3.72	-	-	-
4.50 (3.5)	2.55	-	-	-
WGHT MN	3.11	-	-	-
DIAGR.CONSTR.(NO MAX AREA):R= 2.22 A=-296				
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 3				

SAMPLING STATION 20 110172 1115

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	.83(100)	.76(91)	.07(8)	.09
35.0(.0)	-	-	-	-
13.0(11.0)	.64	-	-	-
4.5(.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.15 A= 30

SAMPLING STATION 19 110172 1400

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	1.08	1.70	(0)	(0)
35.0(.0)	-	-	-	-
13.0(10.0)	1.75	-	-	-
4.5(23.0)	.91	-	-	-
WGHT MN	1.36	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.47 A=-207
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.85

SAMPLING STATION 18 120172 1240

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	1.69(100)	1.28(75)	.41(24)	.32
35.0(.0)	-	-	-	-
13.0(13.0)	1.79	-	-	-
4.5(28.0)	1.67	-	-	-
WGHT MN	1.73	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.66 A= 87

SAMPLING STATION 17 120172 1430

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.01(100)	1.97(98)	.04(1)	.02
35.0(.0)	-	-	-	-
13.0(12.0)	2.26	-	-	-
4.5(22.0)	2.40	-	-	-
WGHT MN	2.22	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.88 A= 7

SAMPLING STATION 21 130172 1030

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	1.50(100)	1.39(92)	.11(7)	.07
35.0(.0)	-	-	-	-
13.0(6.5)	1.31	-	-	-
4.5(15.0)	1.35	-	-	-
WGHT MN	1.36	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.47 A= 26

SAMPLING STATION 16 130172 1345

IKRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.26(100)	1.79(79)	.47(20)	.21
35.0(.0)	-	-	-	-
13.0(9.0)	2.02	-	-	-
4.5(20.0)	2.53	-	-	-
WGHT MN	2.22	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.88 A= 74

SAMPLING STATION 9 140172 1120

IKRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	1.83	3.76	(0)	(0)
35.0(.0)	-	-	-	-
13.0(10.0)	2.51	-	-	-
4.5(24.0)	1.93	-	-	-
WGHT MN	2.19	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.87 A=-380
 DIAGR.CONSTR.NANNO(NO MAX AREA):R= 2.68

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PRIMARY PRODUCTION EKOLOGIE EN SYSTEMATIEK V.U.B.
COMPUTATION OF POTENTIAL PRODUCTION (MG C/M3/HOUR)

SAMPLING STATION 1097 40472 1230

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	12.04(100)	3.36(27)	8.68(72)	2.53
35.0(.0)	-	-	-	-
13.0(.0)	-	-	-	-
4.5(3.0)	12.72	-	-	-

DIAGR. CONSTR. (NO MAX AREA): R= 4.38 A= 259

SAMPLING STATION 1 40472 1645

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	26.30(100)	9.21(35)	17.09(64)	1.85
35.0(.0)	-	-	-	-
13.0(.0)	-	-	-	-
4.5(3.0)	25.22	-	-	-

DIAGR. CONSTR. (NO MAX AREA): R= 6.48 A= 233

SAMPLING STATION 1486 100472 1300

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	8.25(100)	2.79(33)	5.46(66)	1.95
35.0(.0)	-	-	-	-
13.0(.0)	-	-	-	-
4.5(.0)	-	-	-	-

DIAGR. CONSTR. (NO MAX AREA): R= 3.63 A= 238

SAMPLING STATION 1344 130472 1145

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.74(100)	1.05(38)	1.69(61)	1.60
35.0(3.0)	5.03(100)	1.88(37)	3.15(62)	1.67
13.0(5.5)	4.53(100)	1.47(32)	3.06(67)	2.08
4.5(8.5)	3.07(100)	1.31(42)	1.76(57)	1.34
WGHT MN	4.11(100)	1.50(36)	2.61(63)	1.73

DIAGR. CONSTR. (NO MAX AREA): R= 2.56 A= 228

SAMPLING STATION 1343 130472 1630

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	1.52(100)	.20(13)	1.32(86)	6.52
35.0(.0)	-	-	-	-
13.0(.0)	-	-	-	-
4.5(.0)	-	-	-	-

DIAGR. CONSTR. (NO MAX AREA): R= 1.55 A= 312

SAMPLING STATION 1260 100000 1000

INNOB (D)	TOTAL (PC)	WASH (PC)	NETPL (PC)	RATIO
100-00 -00	1-00(100)	1-00(100)	1-00(100)	1-00
35-00 -00	-	-	-	-
13-00 -00	-	-	-	-
4-50 -00	-	-	-	-

DIAGN+CONSTR-(NO MAX AREA)IR= 1-00 AR= 100

SAMPLING STATION 51 140472 1100

INNOB (D)	TOTAL (PC)	WASH (PC)	NETPL (PC)	RATIO
100-00 -00	1-54(100)	1-23(86)	1-01(65)	1-15
35-00 -00	1-25	0-18	0-00	10-00
13-00 15-00	0-10(100)	1-00(60)	1-00(60)	1-00
4-50 25-00	0-00(100)	1-00(70)	1-00(70)	1-00
WGT BY	0-00(100)	1-68(82)	1-00(100)	1-00

DIAGN+CONSTR-(NO MAX AREA)IR= 1-00 AR= 60

SAMPLING STATION 1022 140472 1300

INNOB (D)	TOTAL (PC)	WASH (PC)	NETPL (PC)	RATIO
100-00 -00	0-27(100)	1-10(32)	0-05(66)	0-00
35-00 -00	-	-	-	-
13-00 -00	-	-	-	-
4-50 -00	-	-	-	-

DIAGN+CONSTR-(NO MAX AREA)IR= 0-32 AR= 240

SAMPLING STATION 52 140472 1640

INNOB (D)	TOTAL (PC)	WASH (PC)	NETPL (PC)	RATIO
100-00 -00	5-24(100)	1-00(85)	0-93(75)	0-00
35-00 -00	-	-	-	-
13-00 -00	-	-	-	-
4-50 -00	-	-	-	-

DIAGN+CONSTR-(NO MAX AREA)IR= 0-89 AR= 100

SAMPLING STATION 1260 100000 1000

INNOB (D)	TOTAL (PC)	WASH (PC)	NETPL (PC)	RATIO
100-00 -00	1-00(100)	1-00(100)	1-00(100)	1-00
35-00 -00	-	-	-	-
13-00 -00	-	-	-	-
4-50 -00	-	-	-	-

DIAGN+CONSTR-(NO MAX AREA)IR= 1-00 AR= 100

SAMPLING STATION 1260 100000 1000

INNOB (D)	TOTAL (PC)	WASH (PC)	NETPL (PC)	RATIO
100-00 -00	0-51(100)	1-00(100)	1-00(100)	0-58
35-00 -00	1-00(100)	1-00(100)	1-00(100)	1-00
13-00 10-00	0-00(100)	1-00(100)	1-00(100)	1-00
4-50 11-00	0-00(100)	1-00(100)	1-00(100)	1-00
WGT BY	0-00(100)	1-00(100)	1-00(100)	1-00

DIAGN+CONSTR-(NO MAX AREA)IR= 1-00 AR= 100

SAMPLING STATION 1634 170472 1715

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.29(100)	.48(20)	1.81(79)	3.77
35.00 (.0)	-	-	-	-
13.00 (.0)	-	-	-	-
4.50 (.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.91 A= 284

SAMPLING STATION 67 180472 615

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	1.49	1.54	(0)	(0)
35.00 (.0)	-	-	-	-
13.00 (.0)	-	-	-	-
4.50 (.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.54 A=-13
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.56

SAMPLING STATION 1693 180472 1100

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	8.45(100)	3.46(40)	4.99(59)	1.44
35.00 (2.0)	9.30(100)	5.78(62)	3.52(37)	.60
13.00 (4.0)	9.72(100)	5.88(60)	3.84(39)	.65
4.50 (6.0)	10.74(100)	2.89(26)	7.85(73)	2.71
WGHT MN	9.53(100)	4.94(51)	4.59(48)	.92

DIAGR.CONSTR.(NO MAX AREA):R= 3.9 A= 173

SAMPLING STATION 2689 180472 1220

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	3.46(100)	2.99(86)	.47(13)	.15
35.00 (.0)	-	-	-	-
13.00 (.0)	-	-	-	-
4.50 (.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 2.35 A= 48

SAMPLING STATION 2552 180472 1530

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	6.58(100)	4.99(75)	1.59(24)	.31
35.00 (.0)	-	-	-	-
13.00 (.0)	-	-	-	-
4.50 (.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 3.24 A= 86

PRIMARY PRODUCTION EKOLOGIE EN SYSTEMATIEK V.U.B.
COMPUTATION OF POTENTIAL PRODUCTION (MG C/M3/HOUR)

SAMPLING STATION 1 260672 1330

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	4.35(100)	1.85(42)	2.50(57)	1.35
35.00 (2.5)	4.41(100)	2.43(55)	1.98(44)	.81
13.00 (5.0)	5.10(100)	3.84(75)	1.26(24)	.32
4.50 (7.5)	4.47(100)	2.93(65)	1.54(34)	.52
WGHT MN	4.63(100)	2.88(62)	1.75(37)	.60

DIAGR.CONSTR.(NO MAX AREA):R= 2.72 A= 136

SAMPLING STATION 25 270672 1015

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.39	1.56	(0)	(0)
35.00 (7.5)	1.47(100)	1.38(93)	.09(6)	.06
13.00 (15.0)	1.63(100)	1.46(89)	.17(10)	.11
4.50 (24.0)	1.55	1.61	(0)	(0)
WGHT MN	1.52(100)	1.47(96)	.05(3)	.03

DIAGR.CONSTR.(NO MAX AREA):R= 1.55 A= 11

SAMPLING STATION 24 270672 1300

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.05	1.18	(0)	(0)
35.00 (0.0)	-	-	-	-
13.00 (0.0)	-	-	-	-
4.50 (0.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.29 A=-45
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.37

SAMPLING STATION 22 280672 1330

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	2.92	3.09	(0)	(0)
35.00 (7.0)	3.37(100)	2.80(83)	.57(16)	.20
13.00 (14.0)	2.98(100)	2.43(81)	.55(18)	.22
4.50 (22.0)	4.53(100)	3.09(68)	1.44(31)	.46
WGHT MN	3.37(100)	2.77(82)	.60(17)	.21

DIAGR.CONSTR.(NO MAX AREA):R= 2.32 A= 64

SAMPLING STATION 23 280672 1045

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.03(100)	.90(87)	.13(12)	.14
35.00 (0.0)	-	-	-	-
13.00 (0.0)	-	-	-	-
4.50 (0.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.23 A= 45

SAMPLING STATION 21 290672 1030

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.93	2.97	(0)	(0)
35.00 (6.0)	5.30	5.71	(0)	(0)
13.00 (11.0)	5.14(100)	4.61(89)	.53(10)	.11
4.50 (17.0)	5.33(100)	4.92(92)	.41(7)	.08
WGHT MN	4.83(100)	4.73(97)	.10(2)	.02

DIAGR.CONSTR.(NO MAX AREA):R= 2.77 A= 7

SAMPLING STATION 16 290672 1330

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	4.00	4.70	(0)	(0)
35.00 (.0)	-	-	-	-
13.00 (.0)	-	-	-	-
4.50 (.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 2.52 A=-63
 DIAGR.CONSTR.NANNO(NO MAX AREA):R= 2.74

SAMPLING STATION 5 300672 1015

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	19.34(100)	8.81(45)	10.53(54)	1.19
35.00 (3.0)	17.59(100)	7.77(44)	9.82(55)	1.26
13.00 (.0)	-	-	-	-
4.50 (.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 5.3 A= 200

SAMPLING STATION 2 30772 1330

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	4.04(100)	2.27(56)	1.77(43)	.77
35.00 (5.0)	6.30(100)	2.98(47)	3.32(52)	1.11
13.00 (9.0)	3.72(100)	2.07(55)	1.65(44)	.79
4.50 (14.0)	4.41(100)	2.12(48)	2.29(51)	1.08
WGHT MN	4.72(100)	2.40(50)	2.32(49)	.96

DIAGR.CONSTR.(NO MAX AREA):R= 2.74 A= 176

SAMPLING STATION 3 40772 1100

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	2.47(100)	1.99(80)	.48(19)	.24
35.00 (4.0)	2.96(100)	1.60(54)	1.36(45)	.84
13.00 (7.5)	2.81(100)	1.72(61)	1.09(38)	.63
4.50 (11.5)	2.57(100)	2.35(91)	.22(8)	.09
WGHT MN	2.75(100)	1.83(66)	.92(33)	.50

DIAGR.CONSTR.(NO MAX AREA):R= 2.09 A= 120

SAMPLING STATION 4 40772 1330

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (.0)	4.05(100)	3.72(92)	.32(7)	.08
35.00 (.0)	-	-	-	-
13.00 (.0)	-	-	-	-
4.50 (.0)	-	-	-	-

R= 2.54 A= 22

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.18(100)	1.32(52)	0.56(47)	0.90
35.00 (3.0)	2.25(100)	1.38(51)	0.70(36)	0.63
13.00 (15.0)	1.91(100)	1.00(51)	0.93(48)	0.94
4.50 (25.0)	2.09(100)	1.70(81)	0.31(14)	0.17
WGHT MN	1.93(100)	1.00(62)	0.73(37)	0.60

DIAGR.CONSTR.(NO MAX AREA):R= 1.75 A= 136

SAMPLING STATION 19 60772 1385

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.23	1.49	(0)	(0)
35.00 (0.0)	-	-	-	-
13.00 (0.0)	-	-	-	-
4.50 (0.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.43 A=-28
 DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.49

SAMPLING STATION 18 60772 1045

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.90	2.13	(0)	(0)
35.00 (7.0)	2.52(100)	2.39(94)	0.13(5)	0.5
13.00 (14.0)	2.66(100)	2.23(83)	0.43(16)	0.19
4.50 (23.0)	2.23(100)	2.01(90)	0.22(9)	0.10
WGHT MN	2.41(100)	2.22(92)	0.19(7)	0.03

DIAGR.CONSTR.(NO MAX AREA):R= 1.96 A= 28

SAMPLING STATION 17 60772 1400

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.99(100)	1.93(96)	0.06(3)	0.03
35.00 (0.0)	-	-	-	-
13.00 (0.0)	-	-	-	-
4.50 (0.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.78 A= 10

SAMPLING STATION 6 70772 1000

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	2.40(100)	1.28(52)	1.18(47)	0.49
35.00 (3.5)	2.13(100)	1.07(50)	1.06(49)	0.50
13.00 (7.0)	2.32(100)	1.16(50)	1.16(50)	0.50
4.50 (10.0)	2.26(100)	1.28(43)	1.68(56)	0.74
WGHT MN	2.37(100)	1.16(48)	1.21(51)	0.50

DIAGR.CONSTR.(NO MAX AREA):R= 1.94 A= 183

SAMPLING STATION 7 70772 1205

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.00 (0.0)	1.29	1.51	(0)	(0)
35.00 (0.0)	-	-	-	-
13.00 (0.0)	-	-	-	-
4.50 (0.0)	-	-	-	-

DIAGR.CONSTR.(NO MAX AREA):R= 1.43 A=-62 & R= 1.55

SAMPLING STATION 8 100772 1400

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.36(100)	1.07(45)	1.29(54)	1.20
35.0(7.0)	3.61	-	-	-
13.0(13.0)	3.32(100)	1.08(32)	2.24(67)	2.07
4.5(20.0)	3.04(100)	2.49(81)	.55(18)	.22
WGHT MN	3.19(100)	1.32(41)	1.87(58)	1.41

DIAGR.CONSTR.(NO MAX AREA):R= 2.25 A= 211

SAMPLING STATION 9 110772 1100

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.19(100)	1.12(51)	1.07(48)	.95
35.0(5.0)	3.73(100)	2.01(53)	1.72(46)	.85
13.0(10.0)	2.90(100)	2.14(73)	.76(26)	.35
4.5(15.0)	3.84(100)	1.72(44)	2.12(55)	1.23
WGHT MN	3.21(100)	1.85(57)	1.36(42)	.73

DIAGR.CONSTR.(NO MAX AREA):R= 2.26 A= 152

SAMPLING STATION 10 110772 1300

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.01(100)	1.61(80)	.40(19)	.24
35.0(7.0)	2.98(100)	2.85(95)	.13(4)	.04
13.0(14.0)	3.17	3.26	(0)	(0)
4.5(22.0)	3.31(100)	3.22(97)	.09(2)	.02
WGHT MN	2.95(100)	2.85(96)	.10(3)	.03

DIAGR.CONSTR.(NO MAX AREA):R= 2.17 A= 12

SAMPLING STATION 15 120772 1100

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	3.72(100)	1.01(27)	2.71(72)	2.68
35.0(5.0)	4.96(100)	2.37(47)	2.59(52)	1.09
13.0(10.0)	3.96(100)	2.39(60)	1.57(39)	.65
4.5(16.0)	3.63(100)	2.08(57)	1.55(42)	.74
WGHT MN	4.17(100)	2.10(50)	2.07(49)	.98

DIAGR.CONSTR.(NO MAX AREA):R= 2.58 A= 178

SAMPLING STATION 14 120772 1300

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.83(100)	.45(15)	2.38(84)	5.28
35.0(7.0)	2.92(100)	1.67(57)	1.25(42)	.74
13.0(14.0)	3.45(100)	.83(24)	2.62(75)	3.15
4.5(22.0)	3.24(100)	.91(28)	2.33(71)	2.56
WGHT MN	3.14(100)	1.05(33)	2.09(66)	1.99

DIAGR.CONSTR.(NO MAX AREA):R= 2.24 A= 239

SAMPLING STATION 12 130772 1045

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.91(100)	2.46(84)	.45(15)	.18
35.0(.0)	-	-	-	-
13.0(.0)	-	-	-	-

SAMPLING STATION 11 130772 1245

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	12.43	12.65	(0)	(0)
35.0(3.0)	15.82(100)	13.74(86)	2.08(13)	.15
13.0(6.0)	12.51	15.10	(0)	(0)
4.5(9.0)	11.79	14.27	(0)	(0)
WGHT MN	13.47	14.09	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= 4.64 A=-17				
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 4.74				

SAMPLING STATION 13 140772 1030

IRRAD (D)	TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
100.0(.0)	2.18(100)	.64(29)	1.54(70)	2.40
35.0(.0)	--	--	--	--
13.0(.0)	--	--	--	--
4.5(.0)	--	--	--	--
DIAGR.CONSTR.(NO MAX AREA):R= 1.86 A= 254				

PRODUCTION INTEGREE

PRIMARY PRODUCTION EKOLOGIE EN SYSTEMATIEK V.U.B.
 COMPUTATION OF INTEGRATED PRODUCTION (MG C/M²/DAY)

SAMPLING STATION 1 230171 1400

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
49(100)	32(65)	17(34)	.53
DIAGR.CONSTR.(NO MAX AREA):R= .62 A= 124			
DEPTH 1 PC SURF.IRRAD. : 3 M (E= 1.53)			

SAMPLING STATION 2 280171 1430

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
22(100)	18(81)	4(18)	.22
DIAGR.CONSTR.(NO MAX AREA):R= .41 A= 65			
DEPTH 1 PC SURF.IRRAD. : 1.5 M (E= 3.07)			

SAMPLING STATION 3 300171 1400

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
114(100)	64(56)	50(43)	.78
DIAGR.CONSTR.(NO MAX AREA):R= .95 A= 157			
DEPTH 1 PC SURF.IRRAD. : 7 M (E= .65)			

SAMPLING STATION 4 310171 1015

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
179(100)	92(51)	87(48)	.94
DIAGR.CONSTR.(NO MAX AREA):R= 1.19 A= 174			
DEPTH 1 PC SURF.IRRAD. : 20 M (E= .23)			

SAMPLING STATION 91 20271 900

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
12	13	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= .3 A=-30			
DIAGR.CONSTR.NANNO(NNO MAX AREA):R= .32			
DEPTH 1 PC SURF.IRRAD. : 1.5 M (E= 3.07)			

SAMPLING STATION 92 20271 930

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
95(100)	91(95)	4(4)	.04
DIAGR.CONSTR.(NO MAX AREA):R= .87 A= 15			
DEPTH 1 PC SURF.IRRAD. : 3 M (E= 1.53)			

SAMPLING STATION 5 20271 1330

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
93(100)	30(32)	63(67)	2.09
DIAGR.CONSTR.(NO MAX AREA):R= .86 A= 243			
DEPTH 1 PC SURF.IRRAD. : 9 M (E= .51)			

SAMPLING STATION 6 40271 1200

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
242(100)	71(29)	171(70)	2.40
DIAGR.CONSTR.(NO MAX AREA):R= 1.39 A= 254			
DEPTH 1 PC SURF.IRRAD. : 15 M (E= .3)			

SAMPLING STATION 7 50271 930

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
62(100)	46(74)	16(25)	.34
DIAGR.CONSTR.(NO MAX AREA):R= .7 A= 92			
DEPTH 1 PC SURF.IRRAD. : 3 M (E= 1.53)			

CROISIERE 1 JUIN - JUILLET 1971

PRIMARY PRODUCTION EKOLOGIE EN SYSTEMATIEK V.U.B.
COMPUTATION OF INTEGRATED PRODUCTION (MG C/M2/DAY)

SAMPLING STATION 6 230671 1205

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
420(100)	299(71)	121(28)	.40
DIAGR.CONSTR.(NO MAX AREA):R= 1.83 A= 103			
DEPTH 1 PC SURF.IRRAD. : 2 M (E= 2.3)			

SAMPLING STATION 9 240671 1215

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1004	1286	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= 2.83 A=-102			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 3.2			
DEPTH 1 PC SURF.IRRAD. : 33 M (E= .13)			

SAMPLING STATION 7 250671 900

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1488(100)	350(23)	1138(76)	3.25
DIAGR.CONSTR.(NO MAX AREA):R= 3.45 A= 275			
DEPTH 1 PC SURF.IRRAD. : 14 M (E= .32)			

SAMPLING STATION 1 230671 1230

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
298(100)	198(66)	100(33)	.50
DIAGR.CONSTR.(NO MAX AREA):R= 1.54 A= 120			
DEPTH 1 PC SURF.IRRAD. : 1.5 M (E= 3.07)			

SAMPLING STATION 4 290671 1230

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
727(100)	668(91)	59(8)	.08
DIAGR.CONSTR.(NO MAX AREA):R= 2.41 A= 29			
DEPTH 1 PC SURF.IRRAD. : 25 M (E= .18)			

SAMPLING STATION 2 300671 1230

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
372(100)	266(71)	106(28)	.39
DIAGR.CONSTR.(NO MAX AREA):R= 1.72 A= 102			
DEPTH 1 PC SURF.IRRAD. : 10 M (E= .46)			

SAMPLING STATION 3 10771 1215

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
635(100)	601(94)	34(5)	.05
DIAGR.CONSTR.(NO MAX AREA):R= 2.25 A= 19			
DEPTH 1 PC SURF.IRRAD. : 17 M (E= .27)			

SAMPLING STATION 5 20771 930

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
365(100)	206(56)	159(43)	.77
DIAGR.CONSTR.(NO MAX AREA):R= 1.7 A= 156			
DEPTH 1 PC SURF.IRRAD. : 2.3 M (E= 2)			

SAMPLING STATION 8 50771 1230

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
875(100)	361(41)	514(58)	1.42
DIAGR.CONSTR.(NO MAX AREA):R= 2.64 A= 211			
DEPTH 1 PC SURF.IRRAD. : 23 M (E= .2)			

SAMPLING STATION 11 70771 1500

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
298(100)	127(42)	171(57)	1.34
DIAGR.CONSTR.(NO MAX AREA):R= 1.54 A= 206			
DEPTH 1 PC SURF.IRRAD. : 8.5 M (E= .54)			

SAMPLING STATION 12 80771 1215

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
551(100)	455(82)	96(17)	.21
DIAGR.CONSTR.(NO MAX AREA):R= 2.09 A= 62			
DEPTH 1 PC SURF.IRRAD. : 18.5 M (E= .24)			

SAMPLING STATION 13 80771 1500

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
788(100)	768(97)	20(2)	.02
DIAGR.CONSTR.(NO MAX AREA):R= 2.51 A= 9			
DEPTH 1 PC SURF.IRRAD. : 30 M (E= .15)			

SAMPLING STATION 14 90771 1225

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1081(100)	541(50)	540(49)	.99
DIAGR.CONSTR.(NO MAX AREA):R= 2.94 A= 179			
DEPTH 1 PC SURF.IRRAD. : 33 M (E= .13)			

SAMPLING STATION 15 90771 1500

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
820(100)	751(91)	69(8)	.09
DIAGR.CONSTR.(NO MAX AREA):R= 2.56 A= 30			
DEPTH 1 PC SURF.IRRAD. : 36 M (E= .12)			

CROISIERE 2 AOUT 1971

PRIMARY PRODUCTION EKOLOGIE EN SYSTEMATIEK V.U.B.
COMPUTATION OF INTEGRATED PRODUCTION (MG C/M²/DAY)

SAMPLING STATION 16 170871 1115

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1505(100)	159(10)	1346(89)	8.46
DIAGR.CONSTR.(NO MAX AREA):R= 3.46 A= 321			
DEPTH 1 PC SURF.IRRAD. : 6.5 M (E= .7)			

SAMPLING STATION 17 170871 1245

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1553(100)	146(9)	1412(90)	9.67
DIAGR.CONSTR.(NO MAX AREA):R= 3.53 A= 326			
DEPTH 1 PC SURF.IRRAD. : 14.5 M (E= .31)			

SAMPLING STATION 18 180871 1115

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
3226(100)	345(10)	2881(89)	8.35
DIAGR.CONSTR.(NO MAX AREA):R= 5.08 A= 321			
DEPTH 1 PC SURF.IRRAD. : 13 M (E= .35)			

SAMPLING STATION 19 180871 1315

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
965(100)	679(70)	286(29)	.42
DIAGR.CONSTR.(NO MAX AREA):R= 2.77 A= 106			
DEPTH 1 PC SURF.IRRAD. : 23 M (E= .2)			

SAMPLING STATION 20 190871 1245

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1503(100)	1186(78)	317(21)	.26
DIAGR.CONSTR.(NO MAX AREA):R= 3.46 A= 75			
DEPTH 1 PC SURF.IRRAD. : 33 M (E= .13)			

SAMPLING STATION 25 240871 1120

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
829(100)	327(39)	502(60)	1.53
DIAGR.CONSTR.(NO MAX AREA):R= 2.57 A= 217			
DEPTH 1 PC SURF.IRRAD. : 35.5 M (E= .12)			

SAMPLING STATION 24 240871 1330

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
578(100)	518(89)	60(10)	.11
DIAGR.CONSTR.(NO MAX AREA):R= 2.12 A= 37			
DEPTH 1 PC SURF.IRRAD. : 33.5 M (E= .11)			

SAMPLING STATION 23 250871 1110

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
898(100)	494(55)	404(44)	.81
DIAGR.CONSTR.(NO MAX AREA):R= 2.68 A= 161			
DEPTH 1 PC SURF.IRRAD. : 19 M (E= .24)			

SAMPLING STATION 22 250871 1345

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1339(100)	218(16)	1121(83)	5.14
DIAGR.CONSTR.(NO MAX AREA):R= 3.27 A= 301			
DEPTH 1 PC SURF.IRRAD. : 11.5 M (E= .4)			

SAMPLING STATION 21 260871 1120

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1584(100)	365(23)	1219(76)	3.33
DIAGR.CONSTR.(NO MAX AREA):R= 3.55 A= 277			
DEPTH 1 PC SURF.IRRAD. : 4.5 M (E= 1.02)			

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SAMPLING STATION 1 70971 1245

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
662(100)	156(23)	506(76)	3.24
DIAGR.CONSTR.(NO MAX AREA):R= 2.3 A= 275			
DEPTH 1 PC SURF.IRRAD. : 4.5 M (E= 1.02)			

SAMPLING STATION 53 80971 1300

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
497(100)	409(82)	88(17)	.21
DIAGR.CONSTR.(NO MAX AREA):R= 1.99 A= 63			
DEPTH 1 PC SURF.IRRAD. : 11 M (E= .41)			

SAMPLING STATION 58 90971 1345

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
506(100)	404(79)	102(20)	.25
DIAGR.CONSTR.(NO MAX AREA):R= 2.01 A= 72			
DEPTH 1 PC SURF.IRRAD. : 23 M (E= .2)			

SAMPLING STATION 62 100971 1145

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
811(100)	665(81)	146(18)	.21
DIAGR.CONSTR.(NO MAX AREA):R= 2.54 A= 64			
DEPTH 1 PC SURF.IRRAD. : 33 M (E= .13)			

SAMPLING STATION 55 130971 1315

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1214(100)	408(33)	806(66)	1.97
DIAGR.CONSTR.(NO MAX AREA):R= 3.11 A= 239			
DEPTH 1 PC SURF.IRRAD. : 7.5 M (E= .61)			

SAMPLING STATION 67 140971 1145

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1158(100)	663(57)	495(42)	.74
DIAGR.CONSTR.(NO MAX AREA):R= 3.04 A= 153			
DEPTH 1 PC SURF.IRRAD. : 33 M (E= .13)			

SAMPLING STATION 66 140971 1345

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
814(100)	740(90)	74(9)	.09

DIAGR.CONSTR.(NO MAX AREA):R= 2.55 A= 32
 DEPTH 1 PC SURF.IRRAD. : 21 M (E= .21)

SAMPLING STATION 72 150971 1300

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
751(100)	574(76)	177(23)	.30

DIAGR.CONSTR.(NO MAX AREA):R= 2.45 A= 84
 DEPTH 1 PC SURF.IRRAD. : 38.5 M (E= .11)

SAMPLING STATION 60 160971 1300

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1705(100)	433(25)	1272(74)	2.93

DIAGR.CONSTR.(NO MAX AREA):R= 3.69 A= 268
 DEPTH 1 PC SURF.IRRAD. : 17 M (E= .27)

SAMPLING STATION 54 200971 1330

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
224(100)	148(66)	76(33)	.51

DIAGR.CONSTR.(NO MAX AREA):R= 1.33 A= 122
 DEPTH 1 PC SURF.IRRAD. : 2 M (E= 2.3)

SAMPLING STATION 59 210971 1315

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1589(100)	594(37)	995(62)	1.67

DIAGR.CONSTR.(NO MAX AREA):R= 3.56 A= 225
 DEPTH 1 PC SURF.IRRAD. : 9 M (E= .51)

SAMPLING STATION 63 220971 1330

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1349(100)	719(53)	630(46)	.87

DIAGR.CONSTR.(NO MAX AREA):R= 3.28 A= 168
 DEPTH 1 PC SURF.IRRAD. : 8 M (E= .57)

SAMPLING STATION 68 230971 1115

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1651(100)	652(39)	999(60)	1.53

DIAGR.CONSTR.(NO MAX AREA):R= 3.63 A= 217
 DEPTH 1 PC SURF.IRRAD. : 6.5 M (E= .7)

SAMPLING STATION 70 230971 1400

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
668	1157	(0)	(0)

DIAGR.CONSTR.(NO MAX AREA):R= 2.31 A=-264
 DIAGR.CONSTR.NANNO(NO MAX AREA):R= 3.04
 DEPTH 1 PC SURF.IRRAD. : 22.5 M (E= .2)

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SAMPLING STATION 1 30172 1315

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
69(100)	63(91)	6(8)	.09
DIAGR.CONSTR.(NO MAX AREA):R= .74 A= 31			
DEPTH 1 PC SURF.IRRAD. : 3 M (E= 1.53)			

SAMPLING STATION 3 40172 1200

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
88	108	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= .83 A=-82			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= .92			
DEPTH 1 PC SURF.IRRAD. : 7 M (E= .65)			

SAMPLING STATION 4 40172 1400

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
71(100)	63(83)	8(11)	.12
DIAGR.CONSTR.(NO MAX AREA):R= .75 A= 40			
DEPTH 1 PC SURF.IRRAD. : 11 M (E= .41)			

SAMPLING STATION 25 50172 1130

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
122(100)	103(83)	14(11)	.12
DIAGR.CONSTR.(NO MAX AREA):R= .93 A= 41			
DEPTH 1 PC SURF.IRRAD. : 16 M (E= .28)			

SAMPLING STATION 24 50172 1415

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
102	108	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= .0 A=-22			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= .92			
DEPTH 1 PC SURF.IRRAD. : 16 M (E= .28)			

SAMPLING STATION 23 60172 1130

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
221(100)	109(49)	112(50)	1.02
DIAGR.CONSTR.(NO MAX AREA):R= 1.32 A= 132			
DEPTH 1 PC SURF.IRRAD. : 24 M (E= .19)			

SAMPLING STATION 22 60172 1350

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
167(100)	145(86)	22(13)	.15
DIAGR.CONSTR.(NO MAX AREA):R= 1.15 A= 47			
DEPTH 1 PC SURF.IRRAD. : 20 M (E= .23)			

SAMPLING STATION 8 70172 1045

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
108(100)	98(90)	10(9)	.10
DIAGR.CONSTR.(NO MAX AREA):R= .92 A= 33			
DEPTH 1 PC SURF.IRRAD. : 11 M (E= .41)			

SAMPLING STATION 7 70172 1230

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
48	59	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= .61 A=-83			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= .68			
DEPTH 1 PC SURF.IRRAD. : 3 M (E= 1.53)			

SAMPLING STATION 5 100172 1345

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
41	75	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= .57 A=-299			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= .77			
DEPTH 1 PC SURF.IRRAD. : 3.5 M (E= 1.31)			

SAMPLING STATION 20 110172 1115

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
63(100)	58(92)	5(7)	.08
DIAGR.CONSTR.(NO MAX AREA):R= .7 A= 28			
DEPTH 1 PC SURF.IRRAD. : 22 M (E= .2)			

SAMPLING STATION 19 110172 1400

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
121	191	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= .98 A=-209			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.23			
DEPTH 1 PC SURF.IRRAD. : 23 M (E= .2)			

SAMPLING STATION 18 120172 1240

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
194(100)	147(75)	47(24)	.31
DIAGR.CONSTR.(NO MAX AREA):R= 1.24 A= 87			
DEPTH 1 PC SURF.IRRAD. : 28 M (E= .16)			

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SAMPLING STATION 1097 40472 1230

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
252(100)	70(27)	182(72)	2.59
DIAGR.CONSTR.(NO MAX AREA):R= 1.41 A= 260			
DEPTH 1 PC SURF.IRRAD. : 3 M (E= 1.53)			

SAMPLING STATION 1 40472 1645

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
519(100)	182(35)	337(64)	1.85
DIAGR.CONSTR.(NO MAX AREA):R= 2.03 A= 233			
DEPTH 1 PC SURF.IRRAD. : 3 M (E= 1.53)			

SAMPLING STATION 1486 100472 1300

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
445(100)	150(33)	295(66)	1.96
DIAGR.CONSTR.(NO MAX AREA):R= 1.88 A= 238			
DEPTH 1 PC SURF.IRRAD. : 8 M (E= .57)			

SAMPLING STATION 1344 130472 1145

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
293(100)	107(35)	191(64)	1.78
DIAGR.CONSTR.(NO MAX AREA):R= 1.54 A= 230			
DEPTH 1 PC SURF.IRRAD. : 12.5 M (E= .36)			

SAMPLING STATION 1348 130472 1630

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
191(100)	24(12)	167(87)	6.95
DIAGR.CONSTR.(NO MAX AREA):R= 1.23 A= 314			
DEPTH 1 PC SURF.IRRAD. : 18.5 M (E= .24)			

SAMPLING STATION 1352 130472 2000

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
149(100)	49(32)	100(67)	2.04
DIAGR.CONSTR.(NO MAX AREA):R= 1.09 A= 241			
DEPTH 1 PC SURF.IRRAD. : 18 M (E= .25)			

SAMPLING STATION 67 140472 1100

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
425(100)	313(73)	112(26)	.35
DIAGR.CONSTR.(NO MAX AREA):R= 1.84 A= 94			
DEPTH 1 PC SURF.IRRAD. : 32 M (E= .14)			

SAMPLING STATION 1699 140472 1300

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
399(100)	133(33)	266(66)	2.00
DIAGR.CONSTR.(NO MAX AREA):R= 1.78 A= 240			
DEPTH 1 PC SURF.IRRAD. : 17.5 M (E= .26)			

SAMPLING STATION 59 140472 1640

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
212(100)	53(25)	159(75)	3.00
DIAGR.CONSTR.(NO MAX AREA):R= 1.3 A= 270			
DEPTH 1 PC SURF.IRRAD. : 6 M (E= .76)			

SAMPLING STATION 1486 140472 1955

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
477(100)	145(30)	332(69)	2.28
DIAGR.CONSTR.(NO MAX AREA):R= 1.95 A= 250			
DEPTH 1 PC SURF.IRRAD. : 8 M (E= .57)			

SAMPLING STATION 61 170472 1420

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
436(100)	156(35)	280(64)	1.79
DIAGR.CONSTR.(NO MAX AREA):R= 1.86 A= 231			
DEPTH 1 PC SURF.IRRAD. : 24.5 M (E= .18)			

SAMPLING STATION 1634 170472 1715

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
380(100)	81(21)	299(78)	3.69
DIAGR.CONSTR.(NO MAX AREA):R= 1.74 A= 283			
DEPTH 1 PC SURF.IRRAD. : 24.5 M (E= .18)			

SAMPLING STATION 67 180472 695

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
207	214	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= 1.25 A= 13			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.3			
DEPTH 1 PC SURF.IRRAD. : 20.5 M (E= .22)			

SAMPLING STATION 1693 180472 1100

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
540(100)	248(45)	292(54)	1.17
DIAGR.CONSTR.(NO MAX AREA):R= 2.07 A= 194			
DEPTH 1 PC SURF.IRRAD. : 8.5 M (E= .54)			

SAMPLING STATION 2689 180472 1220

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
128(100)	111(86)	17(13)	.15
DIAGR.CONSTR.(NO MAX AREA):R= 1.01 A= 47			
DEPTH 1 PC SURF.IRRAD. : 5.5 M (E= .83)			

SAMPLING STATION 2552 180472 1530

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
177(100)	134(75)	43(24)	.32
DIAGR.CONSTR.(NO MAX AREA):R= 1.18 A= 87			
DEPTH 1 PC SURF.IRRAD. : 4 M (E= 1.15)			

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SAMPLING STATION 1 260672 1330

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
424(100)	260(61)	164(38)	.63
DIAGR.CONSTR.(NO MAX AREA):R= 1.84 A= 139			
DEPTH 1 PC SURF.IRRAD. : 11 M (E= .41)			

SAMPLING STATION 25 270672 1015

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
423	431	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= 1.85 A=-3			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.85			
DEPTH 1 PC SURF.IRRAD. : 34 M (E= .13)			

SAMPLING STATION 24 270672 1300

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
236	265	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= 1.37 A=-45			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.45			
DEPTH 1 PC SURF.IRRAD. : 27 M (E= .17)			

SAMPLING STATION 22 280672 1330

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
729(100)	631(86)	98(13)	.15
DIAGR.CONSTR.(NO MAX AREA):R= 2.41 A= 48			
DEPTH 1 PC SURF.IRRAD. : 27 M (E= .17)			

SAMPLING STATION 23 280672 1045

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
317(100)	277(87)	40(12)	.14
DIAGR.CONSTR.(NO MAX AREA):R= 1.59 A= 45			
DEPTH 1 PC SURF.IRRAD. : 37 M (E= .12)			

SAMPLING STATION 21 290672 1030

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
852(100)	797(93)	55(6)	.06
DIAGR.CONSTR.(NO MAX AREA):R= 2.61 A= 23			
DEPTH 1 PC SURF.IRRAD. : 24 M (E= .19)			

SAMPLING STATION 16 290672 1330

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
992	1165	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= 2.81 A=-63			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 3.05			
DEPTH 1 PC SURF.IRRAD. : 30 M (E= .15)			

SAMPLING STATION 5 300672 1015

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1915(100)	873(45)	1042(54)	1.19
DIAGR.CONSTR.(NO MAX AREA):R= 3.91 A= 195			
DEPTH 1 PC SURF.IRRAD. : 12 M (E= .38)			

SAMPLING STATION 2 30772 1330

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
659(100)	358(54)	301(45)	.84
DIAGR.CONSTR.(NO MAX AREA):R= 2.29 A= 164			
DEPTH 1 PC SURF.IRRAD. : 20 M (E= .23)			

SAMPLING STATION 3 40772 1100

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
358(100)	266(74)	92(25)	.34
DIAGR.CONSTR.(NO MAX AREA):R= 1.69 A= 92			
DEPTH 1 PC SURF.IRRAD. : 16.5 M (E= .27)			

SAMPLING STATION 4 40772 1330

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
988(100)	910(92)	78(7)	.08
DIAGR.CONSTR.(NO MAX AREA):R= 2.81 A= 28			
DEPTH 1 PC SURF.IRRAD. : 29.5 M (E= .15)			

SAMPLING STATION 20 50772 1050

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
480(100)	290(60)	190(39)	.65
DIAGR.CONSTR.(NO MAX AREA):R= 1.95 A= 142			
DEPTH 1 PC SURF.IRRAD. : 35 M (E= .13)			

SAMPLING STATION 19 50772 1335

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
257	277	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= 1.43 A=-29			
DIAGR.CONSTR.NANNO(NNO MAX AREA):R= 1.48			
DEPTH 1 PC SURF.IRRAD. : 24 M (E= .19)			

SAMPLING STATION 18 60772 1045

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
688(100)	649(94)	36(5)	.05
DIAGR.CONSTR.(NO MAX AREA):R= 2.34 A= 18			
DEPTH 1 PC SURF.IRRAD. : 36.5 M (E= .12)			

SAMPLING STATION 17 60772 1400

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
470(100)	456(97)	14(2)	.03
DIAGR.CONSTR.(NO MAX AREA):R= 1.23 A= 10			
DEPTH 1 PC SURF.IRRAD. : 28.5 M (E= .16)			

SAMPLING STATION 6 70772 1000

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
311(100)	153(49)	158(50)	1.03
DIAGR.CONSTR.(NO MAX AREA):R= 1.57 A= 182			
DEPTH 1 PC SURF.IRRAD. : 15 M			(E= .3)

SAMPLING STATION 7 70772 1205

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
214	250	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= 1.3 A=-61			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 1.41			
DEPTH 1 PC SURF.IRRAD. : 20 M			(E= .23)

SAMPLING STATION 8 100772 1400

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
679(100)	321(47)	358(52)	1.11
DIAGR.CONSTR.(NO MAX AREA):R= 2.33 A= 189			
DEPTH 1 PC SURF.IRRAD. : 28.5 M			(E= .16)

SAMPLING STATION 9 110772 1100

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
499(100)	294(58)	205(41)	.69
DIAGR.CONSTR.(NO MAX AREA):R= 1.99 A= 147			
DEPTH 1 PC SURF.IRRAD. : 21.5 M			(E= .21)

SAMPLING STATION 10 110772 1300

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
746(100)	708(94)	38(5)	.05
DIAGR.CONSTR.(NO MAX AREA):R= 2.44 A= 18			
DEPTH 1 PC SURF.IRRAD. : 33 M			(E= .13)

SAMPLING STATION 15 120772 1100

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
722(100)	338(46)	384(53)	1.13
DIAGR.CONSTR.(NO MAX AREA):R= 2.4 A= 191			
DEPTH 1 PC SURF.IRRAD. : 23 M			(E= .2)

SAMPLING STATION 14 120772 1300

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
757(100)	168(22)	589(77)	3.50
DIAGR.CONSTR.(NO MAX AREA):R= 2.46 A= 280			
DEPTH 1 PC SURF.IRRAD. : 29 M			(E= .15)

SAMPLING STATION 12 130772 1045

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
602(100)	509(84)	93(15)	.18
DIAGR.CONSTR.(NO MAX AREA):R= 2.19 A= 55			
DEPTH 1 PC SURF.IRRAD. : 25 M			(E= .18)

SAMPLING STATION 11 130772 1245

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
1425	1612	(0)	(0)
DIAGR.CONSTR.(NO MAX AREA):R= 3.37 A= 48			
DIAGR.CONSTR.NANNO(NO MAX AREA):R= 3.59			
DEPTH 1 PC SURF.IRRAD. : 14 M (E= .32)			

SAMPLING STATION 13 140772 1030

TOTAL (PC)	NANNO (PC)	NETPL (PC)	RATIO
414(100)	123(29)	291(70)	2.36
DIAGR.CONSTR.(NO MAX AREA):R= 1.81 A= 253			
DEPTH 1 PC SURF.IRRAD. : 23 M (E= .2)			