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**Inventarisatie macrofauna Westerschelde 2002**  
Rapportage in het kader van de evaluatie van de verdieping van de Westerschelde

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## Inhoud

|                                                                                                                                                                         |    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| <b>I. Inleiding</b> .....                                                                                                                                               | 2  |
| <b>II. Materiaal en methoden</b> .....                                                                                                                                  | 4  |
| <b>II.1. Bemonstering</b> .....                                                                                                                                         | 4  |
| <b>II.2. Bepaling van dichtheid en biomassa</b> .....                                                                                                                   | 4  |
| <b>II.3. Mathematische verwerking</b> .....                                                                                                                             | 6  |
| <b>III. Resultaten</b> .....                                                                                                                                            | 6  |
| <b>IV. Referenties</b> .....                                                                                                                                            | 7  |
| <b>Lijst van tabellen</b> .....                                                                                                                                         | 8  |
| <b>Bijlage 1a</b> Posities (geografisch) van de "vaste" eulitorale lokaties in de Westerschelde. ....                                                                   | 29 |
| <b>Bijlage 1b</b> Posities van de bemonsterde lokaties in plot 4 in de Westerschelde in het Voor- en<br>najaar .....                                                    | 30 |
| <b>Bijlage 2</b> Lengte-gewicht regressies voor- en najaar. ....                                                                                                        | 31 |
| <b>Bijlage 3</b> Conversiefactoren natgewicht-asvrijdrooggewicht per groep, toegepast voor de<br>macrobenthische soorten van het projekt verdieping Westerschelde. .... | 32 |

## I. Inleiding

Halverwege 1997 is Vlaanderen gestart met de baggerwerken ter verruiming van het vaarwater in de Westerschelde. Tegelijkertijd is de bagger- en stortstrategie veranderd. Volgens deze strategie wordt het overgrote deel van de gebaggerde specie uit de oostelijke Westerschelde naar de westkant getransporteerd. Daarnaast zal de zandwinning zich in het oosten concentreren. Hierdoor zal een sedimenttekort in het oostelijke deel van de Westerschelde ontstaan. Deze ingrepen zullen het bestaande fysische, biologische en chemische evenwicht in de Westerschelde en het mondingsgebied beïnvloeden (van Kleef et al., 1995).

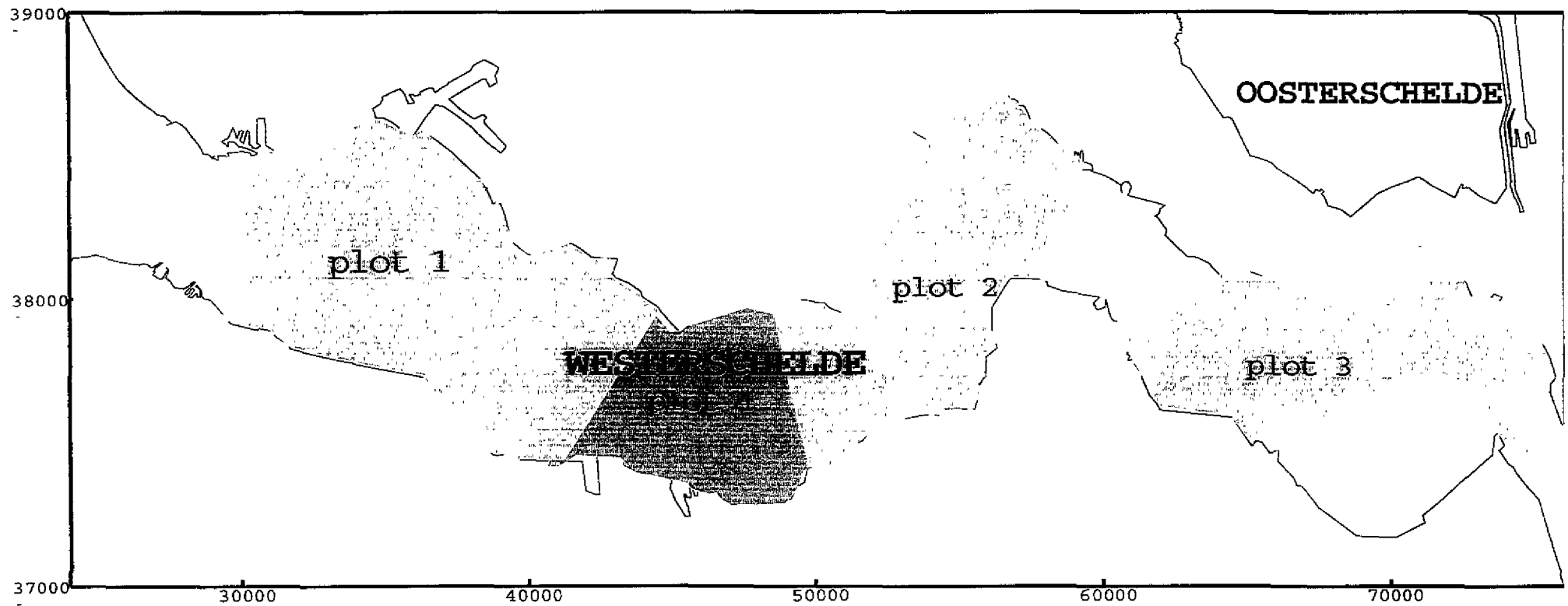
Het Biologische monitoringprogramma (project EXP\*BMN, Colijn & Akkerman, 1990, thans project MON\*BIOLOGIE) is in de Westerschelde in 1994 uitgebreid (Project MOVE; van Kleef et al. 1995) om korte termijn veranderingen in het fysische systeem, de ecologie van (bodem)diergemeenschappen en water- en bodemkwaliteit en de daaruit voortvloeiende ontwikkelingen in de Westerschelde beter te kunnen begrijpen.

De resultaten van de macrobenthos-monitoring in 1994, 1995, 1996, 1997, 1998, 1999, 2000 en 2001 ten behoeve van het project verdieping Westerschelde zijn weergegeven in de rapportages van respectievelijk Craeymeersch et al. (1995), Groenewold et al. (1996 en 1997), Brummelhuis et al. (1998), Brummelhuis et al. (1999) en Sijtermans (2000 en 2001).

Vóór 1994 zijn een aantal lokaties reeds bemonsterd in het kader van het project OOSTWEST (Platen van Valkenisse Oost en Saeflinge, 1990; Ysebaert et al, 1994) en heeft tussen 1988 en 1991 onderzoek plaatsgevonden op de slikken van Waarde (Meire & Develter, 1988 (ongepubliceerd); Stikvoort & Coosen, 1995).

In dit rapport wordt een overzicht gepresenteerd van de resultaten van de bemonsteringcampagnes van het macrobenthos in voor- en najaar 2002.

Figuur 1. Plot 1, 2 en 3: project MON\*BIOLOGIE. Plot 4: project Verdieping Westerschelde.



## II. Materiaal en methoden

### II.1. Bemonstering

In de Westerschelde zijn in 2002, in het kader van de monitoring van de effecten ten gevolge van de aanleg van geulwandverdedigingen, naast de bestaande elf raaien nog drie extra raaien toegevoegd: Verdrongen Land van Saeftinge oost, Baalhoek en op de Platen van Hulst een extra raai (fig. 2; bijlage 1). In het voor- en najaar werden bemonsteringen uitgevoerd op de volgende raaien: Nauw van Bath (3 lokaties), Slikken van Waarde (3), Platen van Valkenisse Oost (2), Platen van Hulst (5), Verdrongen Land van Saeftinge (3), Verdrongen Land van Saeftinge oost (3), Baalhoek (4), Pas van Terneuzen (2), Plaat van Baarland (3), Middelplaten (3), Paulinapolder (2), Hooge Springer (4) en Hooge Platen (3) (fig. 2.). Tevens werden monsters genomen in het gebied ter hoogte van Terneuzen gelegen tussen plot 1 en plot 2 van het project MON\*BIOLOGIE (fig. 1), verder plot 4 genoemd.

Op de eulitorale lokaties werden 15 steekbuizen met een doorsnede van 4.5 cm (20 cm diep) en 5 steekbuizen met een doorsnede van 15 cm (40 cm diep) genomen. De kleine steekbuizen werden ongezeefd en afzonderlijk in gebufferde formaldehyde (4-6 %) bewaard. De grote buizen werden in het veld gezeefd op een 1 mm zeef, en de residuen afzonderlijk bewaard in gebufferde formaldehyde.

De bemonstering van plot 4 geschiedde conform de bemonsteringen binnen het project MON\*BIOLOGIE. Het gebied is verdeeld in vier dieptestrata: eulitoraal (1m boven tot 2 meter onder NAP), 2m tot 5m t.o.v. NAP, 5m tot 8m t.o.v. NAP, en dieper dan 8m t.o.v. NAP. Binnen ieder dieptestratum werden at random 5 punten gekozen. Per punt zijn drie deelmonsters met een buis van 8 cm doorsnede genomen. In het sublitoraal werden deze gestoken uit een Reineck box-corer. De drie deelmonsters werden samengevoegd en vervolgens aan boord of in het veld gezeefd op een 1 mm zeef en de residuen bewaard in gebufferde formaldehyde. Op iedere lokatie werden diepte, de exacte coördinaten en een ruwe karakterisering van het sediment genoteerd.

De bemonsteringen van het macrobenthos worden zowel in het voorjaar als in het najaar uitgevoerd. De sublitorale bemonsteringen vinden plaats in een gebied ter hoogte van Terneuzen (plot 4) dat aansluit op de deelgebieden die bemonsterd worden in het kader van het Biologische monitoringprogramma (fig. 1). Daarnaast worden een 14 tal vaste eulitorale lokaties (met 2 tot 5 monsterpunten) bemonsterd, waar tevens maandelijks hoogteopnames plaatsvinden (fig 2.)

De bemonstering op de platen en slikken werd uitgevoerd door de Meetdienst Zeeland (Rijkswaterstaat). De bemonstering in het sublitorale gebied geschiedde door het NIOO-CEMO aan boord van schepen van de Meetdienst Zeeland. De voorjaarsbemonstering vond plaats tussen 4 en 12 april. De najaarsbemonstering tussen 4 en 25 september.

### II.2. Bepaling van dichtheid en biomassa

In het lab werden de monsters (na)gespoeld, gekleurd met bengaals rose en vervolgens uitgezocht. Uit de kleine steekbuizen werden alle macrobenthische dieren, indien mogelijk, tot op soortsniveau gedetermineerd en werd de dichtheid bepaald. Uit de grote steekbuizen werden alleen de aantallen van de volgende soorten bepaald: alle schelpdieren, de polychaeten van het geslacht *Nereis*, *Nephtys*, *Arenicola*, *Glycera*, *Scolecopsis* en de krabben van het geslacht *Carcinus* en *Liocarcinus*. Hierbij dient opgemerkt dat met de gevolgde bemonsteringstechniek van de krabben zeker geen goede schatting te verkrijgen is.

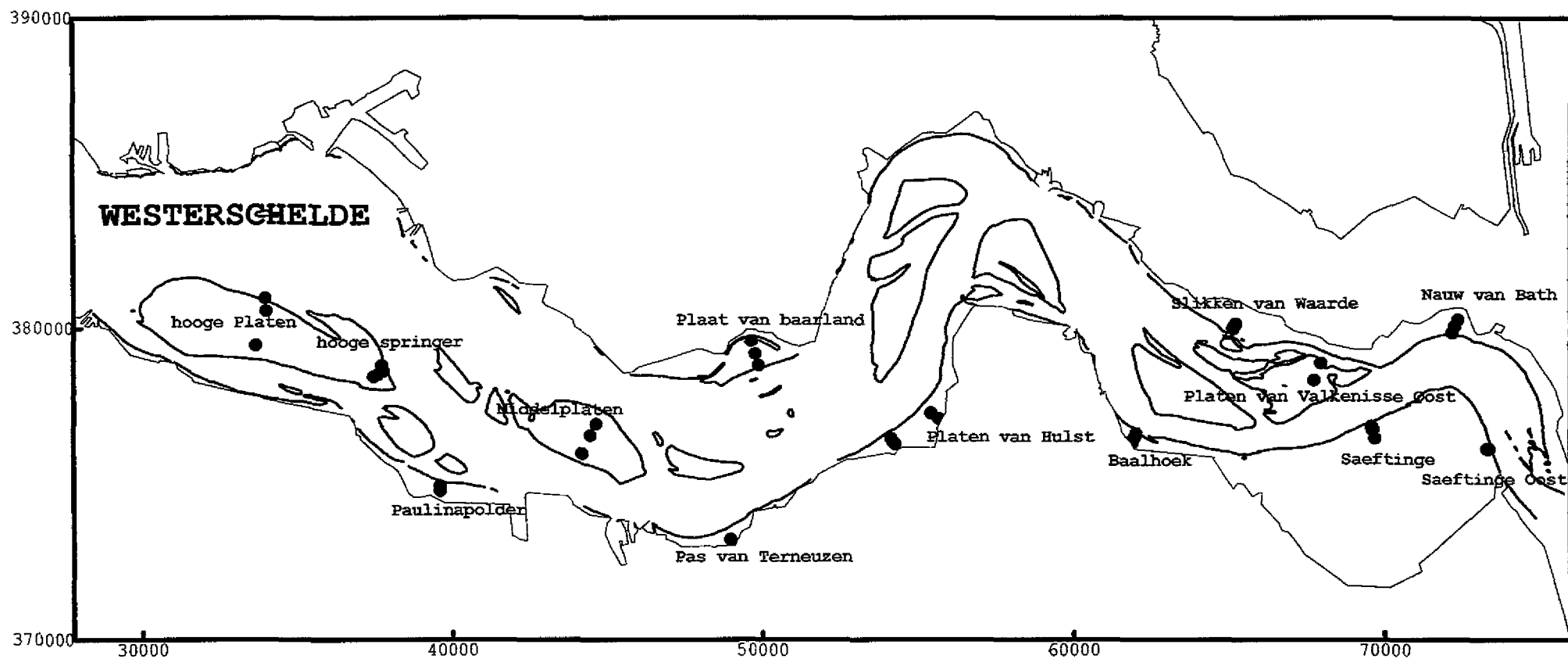
Wegens de soms sterke fragmentatie van de polychaeten werd voor het bepalen van het aantal gevonden individuen het aantal koppen geteld.

Van de bivalven, enkele polychaeten (*Nereis*, *Nephtys*, *Arenicola*, *Glycera*, *Scolecopsis*), de grijze garnaal en de krabben werd, voor zover mogelijk, de lengte genoteerd.

De biomassa (asvrijdrooggewicht) werd bepaald op een van de volgende manieren:

- door direct bepalen van het asvrijdrooggewicht
- aan de hand van lengte-gewicht relaties opgesteld in het kader van dit project en van het project MON\*BIOLOGIE (bijlage 2)
- door het converteren van natgewicht in asvrijdrooggewicht (conversiefactoren bepaald in het kader van het project MON\*BIOLOGIE; bijlage 3).

Figuur 2. Ligging van de eulitorale lokaties.



### II.3. Mathematische verwerking

Voor iedere eulitoraal gelegen lokatie zijn de (rekenkundig) gemiddelde totale dichtheid en biomassa en de gemiddelde dichtheid en biomassa per soort berekend. Voor het sublitorale gebied zijn dezelfde waarden berekend a: per dieptestratum en b: gemiddeld over het bemonsterde gebied, gewogen naar de oppervlakte van de onderscheiden dieptestrata. De berekeningen voor de gewogen gemiddelden zijn uitgevoerd met het programma BIOSTRAT van Rijkswaterstaat, Rijksinstituut voor Kust en Zee. De gemiddelde waarden en bijhorende standaardfouten zijn afgerond volgens Sokal & Rohlf (1995, p. 149).

Voor de eulitorale lokaties zijn voor de meeste soorten de waarden berekend uit de gevonden aantallen en biomassa's uit de kleine steekbuizen.

Van de soorten behorend tot de genera *Nereis* en *Nephtys* werden per station de dichtheid en biomassa van de grotere dieren (gemiddeld individueel gewicht groter of gelijk aan 0.003 gADW) bepaald uit de waarden gevonden in de grote steekbuizen, en de dichtheid en biomassa van de kleinere dieren (gem. ind. gewicht < 0.003 gADW) uit de waarden gevonden met de kleine steekbuizen. Dit wil zeggen, dat als bijv. op een station het gem. ind. gew. in de grote steekbuizen kleiner was dan 0.003 gADW de gevonden dieren als klein beschouwd werden, en het gevonden aantal niet meegenomen werd in de berekening van de totale dichtheid (en biomassa) van deze soort. Analooog werden als het gem. ind. gew. in de kleine steekbuizen groter was dan 0.003 gADW de gevonden exemplaren als groot beschouwd en niet meegenomen in de berekening van de totale dichtheid van deze soort. Wanneer het gem. ind. gew. in de grote steekbuizen groter was dan 0.003 gADW en het gem. ind. gew. in de kleine steekbuizen kleiner dan 0.003 gADW werden beide waarden, na omrekening per m<sup>2</sup>, bij elkaar opgeteld. Op analoge wijze werd voor de mollusken *Barnea candida*, *Cerastoderma edule*, *Ensis*, *Macoma balthica*, *Mya arenaria*, *Petricola pholadiphormis*, *Scrobicularia plana* en *Tellina tenuis* het onderscheid gemaakt tussen grote dieren ( $\geq 4$  mm) en kleine dieren (< 4 mm). De dichtheid en biomassa van de polychaeten van het geslacht *Arenicola*, *Glycera*, *Scololepis* en de krabben van het geslacht *Carcinus* en *Liocarcinus*, werden berekend uit de waarden gevonden met de grote steekbuizen.

### III. Resultaten

De resultaten zijn weergegeven in de tabellen 1 t/m 8.

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## Lijst van tabellen

- Tabel 1. Gemiddelde dichtheid  $\pm$  standaardfout ( $\text{ind./m}^2$ ) en gemiddelde biomassa  $\pm$  standaardfout ( $\text{gADW/m}^2$ ) voor de eulitorale monsterlokalities (voorjaar).
- Tabel 2. Gemiddelde dichtheid  $\pm$  standaardfout ( $\text{ind./m}^2$ ) in plot 4 in het voorjaar, per dieptestratum en over het gehele gebied (dieptes t.o.v. NAP).
- Tabel 3. Gemiddelde biomassa  $\pm$  standaardfout ( $\text{gADW/m}^2$ ) in plot 4 in het voorjaar, per dieptestratum en over het gehele gebied (dieptes t.o.v. NAP).
- Tabel 4. Gemiddelde dichtheid  $\pm$  standaardfout ( $\text{ind./m}^2$ ) en gemiddelde biomassa  $\pm$  standaardfout ( $\text{gADW/m}^2$ ) voor de eulitorale monsterlokalities (najaar).
- Tabel 5. Gemiddelde dichtheid  $\pm$  standaardfout ( $\text{ind./m}^2$ ) in plot 4 in het najaar, per dieptestratum en over het gehele gebied (dieptes t.o.v. NAP).
- Tabel 6. Gemiddelde biomassa  $\pm$  standaardfout ( $\text{gADW/m}^2$ ) in plot 4 in het najaar, per dieptestratum en over het gehele gebied (dieptes t.o.v. NAP).

**Tabel 1. Gemiddelde dichtheid (ind/m2) en biomassa (gAFDW/m2) ± standaardfout (Voorjaar 2002).**

| Raai<br>Lokatie         | Bath<br>121 |      |          |        | Bath<br>122 |     |          |        | Bath<br>123 |     |          |         | Plaat van Baarland<br>231 |     |          |         | Plaat van Baarland<br>232 |     |          |        |
|-------------------------|-------------|------|----------|--------|-------------|-----|----------|--------|-------------|-----|----------|---------|---------------------------|-----|----------|---------|---------------------------|-----|----------|--------|
|                         | dichtheid   |      | biomassa |        | dichtheid   |     | biomassa |        | dichtheid   |     | biomassa |         | dichtheid                 |     | biomassa |         | dichtheid                 |     | biomassa |        |
| Latijnse naam           | gem         | se   | gem      | se     | gem         | se  | gem      | se     | gem         | se  | gem      | se      | gem                       | se  | gem      | se      | gem                       | se  | gem      | se     |
| ACTINIARIA              | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Anatides mucosa         | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Aphelochaeta marioni    | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Arenicola marina        | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Bathyporeia             | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 270                       | 86  | 0.015    | 0.0054  | 270                       | 143 | 0.024    | 0.0136 |
| Bathyporeia pilosa      | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 310                       | 128 | 0.14     | 0.057   | 220                       | 106 | 0.09     | 0.049  |
| Bathyporeia sarsi       | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Capitella capitata      | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 40                        | 45  | 0.002    | 0.00199 | 0                         | 0   | 0        | 0      |
| Carcinus maenas         | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Cerastoderma edule      | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Corophium               | 40          | 42   | 0.003    | 0.003  | 40          | 42  | 0.012    | 0.0116 | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Corophium arenarium     | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 400                       | 360 | 0.2      | 0.2    |
| Corophium volutator     | 290         | 135  | 0.16     | 0.092  | 420         | 181 | 0.27     | 0.155  | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 310                       | 270 | 0.18     | 0.164  |
| Crangon crangon         | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Cyathura carinata       | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 40          | 42  | 0.07     | 0.071   | 40                        | 45  | 0.004    | 0.0043  | 0                         | 0   | 0        | 0      |
| Eteone                  | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Eurydice pulchra        | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 180                       | 79  | 0.14     | 0.094   | 0                         | 0   | 0        | 0      |
| Euastorius arenarius    | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Heteromastus filiformis | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 490                       | 118 | 0.41     | 0.143   | 180                       | 79  | 0.1      | 0.051  |
| Hydrobia ulvae          | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 40                        | 45  | 0.0015   | 0.00152 | 40                        | 45  | 0.014    | 0.0136 |
| Macoma balthica         | 8.5         | 4.64 | 0.027    | 0.0247 | 0           | 0   | 0        | 0      | 30          | 31  | 0.0009   | 0.00087 | 0                         | 0   | 0        | 0       | 60                        | 34  | 0.45     | 0.28   |
| Malacoceros             | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Mya arenaria            | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Mysella bidentata       | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| MYSIDACEA               | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| NEMBRTEA                | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Nephtys                 | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Nephtys caeca           | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Nephtys hombergii       | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Nereis                  | 0           | 0    | 0        | 0      | 220         | 104 | 0.055    | 0.0251 | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Nereis diversicolor     | 2800        | 320  | 4.9      | 0.77   | 950         | 171 | 2.2      | 0.48   | 70          | 63  | 0.23     | 0.214   | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Nereis succinea         | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Nereis virens           | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| OLIGOCHAETA             | 1000        | 370  | 0.13     | 0.052  | 0           | 0   | 0        | 0      | 170         | 168 | 0.0028   | 0.0028  | 130                       | 72  | *****    | *****   | 1900                      | 450 | 0.04     | 0.0132 |
| PELECYPODA              | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| POLYCHAETA              | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 90                        | 61  | 0.007    | 0.0073  | 0                         | 0   | 0        | 0      |
| Polydora                | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Polydora cornuta        | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Pygospio elegans        | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 760                       | 210 | 0.056    | 0.0174 |
| Scolecopsis bonnieri    | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Scolecopsis foliosa     | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Scolecopsis squamata    | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Scoloplos armiger       | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Scrobicularia plana     | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Spio martinensis        | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Spionidae               | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Spiophanes bombyx       | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Streblospio shrubsolii  | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Urothoe                 | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Urothoe brevicornis     | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Urothoe poseidonis      | 0           | 0    | 0        | 0      | 0           | 0   | 0        | 0      | 0           | 0   | 0        | 0       | 0                         | 0   | 0        | 0       | 0                         | 0   | 0        | 0      |
| Totaal                  | 4100        | 510  | 5.2      | 0.76   | 1630        | 246 | 2.5      | 0.46   | 1300        | 720 | 1.2      | 0.81    | 2300                      | 320 | 1.04     | 0.276   | 4600                      | 900 | 1.3      | 0.37   |

\*\*\*\*\* : dichtheid  
biomassa  
tussen 0 en 0.03  
tussen 0 en 0.0003

Tabel 1. Gemiddelde dichtheid (ind/m2) en biomassa (gAFDW/m2) ± standaardfout (Voorjaar 2002).

| Raai<br>Locatie         | Plaats van Baarland<br>233 |      |                 |        | Middelplaten<br>241 |       |                 |         | Middelplaten<br>242 |      |                 |         | Middelplaten<br>243 |      |                 |         | Waarde<br>404    |     |                 |         |
|-------------------------|----------------------------|------|-----------------|--------|---------------------|-------|-----------------|---------|---------------------|------|-----------------|---------|---------------------|------|-----------------|---------|------------------|-----|-----------------|---------|
|                         | dichtheid<br>gem           | se   | biomassa<br>gem | se     | dichtheid<br>gem    | se    | biomassa<br>gem | se      | dichtheid<br>gem    | se   | biomassa<br>gem | se      | dichtheid<br>gem    | se   | biomassa<br>gem | se      | dichtheid<br>gem | se  | biomassa<br>gem | se      |
| ACTINARIA               | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 40                  | 42   | 0.0029          | 0.00289 | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Anatides mucosa         | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Apelochaeta marioni     | 40                         | 45   | *****           | *****  | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Arenicola marina        | 0                          | 0    | 0               | 0      | 34                  | 13.87 | 4.4             | 4.07    | 56.625              | 0    | 2.5             | 0.77    | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Bathyporeia             | 40                         | 45   | 0.006           | 0.0065 | 3400                | 650   | 0.16            | 0.034   | 5900                | 1370 | 0.146           | 0.0298  | 460                 | 257  | 0.013           | 0.0073  | 0                | 0   | 0               | 0       |
| Bathyporeia pilosa      | 0                          | 0    | 0               | 0      | 2100                | 340   | 0.86            | 0.147   | 1600                | 450  | 0.54            | 0.128   | 1300                | 610  | 0.35            | 0.147   | 0                | 0   | 0               | 0       |
| Bathyporeia sarxi       | 0                          | 0    | 0               | 0      | 130                 | 67    | 0.034           | 0.0186  | 460                 | 168  | 0.16            | 0.056   | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Capitella capitata      | 0                          | 0    | 0               | 0      | 130                 | 67    | 0.005           | 0.0035  | 40                  | 42   | 0.0023          | 0.00232 | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Carcinus maenas         | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Cerastoderma edule      | 0                          | 0    | 0               | 0      | 8.5                 | 4.64  | 0.2             | 0.181   | 11.3                | 5.2  | 0.4             | 0.35    | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Corophium               | 0                          | 0    | 0               | 0      | 40                  | 42    | 0.0025          | 0.00251 | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Corophium arenarium     | 0                          | 0    | 0               | 0      | 380                 | 120   | 0.34            | 0.107   | 130                 | 91   | 0.09            | 0.068   | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Corophium volutator     | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Crangon crangon         | 0                          | 0    | 0               | 0      | 100                 | 51    | 0.046           | 0.023   | 40                  | 31   | 0.017           | 0.0132  | 5.7                 | 5.66 | 0.0018          | 0.00181 | 110              | 51  | 0.043           | 0.0193  |
| Cyathura carinata       | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 250              | 82  | 0.16            | 0.076   |
| Eteone                  | 90                         | 90   | 0.003           | 0.003  | 290                 | 104   | 0.11            | 0.077   | 170                 | 74   | 0.057           | 0.0282  | 40                  | 42   | 0.017           | 0.0169  | 0                | 0   | 0               | 0       |
| Eurydice pulchra        | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 40                  | 42   | 0.005           | 0.005   | 0                | 0   | 0               | 0       |
| Haustorius arenarius    | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Heteromastus filiformis | 3100                       | 520  | 2.2             | 0.42   | 340                 | 94    | 0.14            | 0.048   | 250                 | 103  | 0.08            | 0.04    | 80                  | 57   | 0.0028          | 0.00278 | 2100             | 340 | 1.4             | 0.32    |
| Hydrobia ulvae          | 0                          | 0    | 0               | 0      | 130                 | 91    | 0.1             | 0.068   | 210                 | 146  | 0.13            | 0.091   | 0                   | 0    | 0               | 0       | 420              | 181 | 0.024           | 0.0093  |
| Macoma balthica         | 110                        | 51   | 0.5             | 0.31   | 340                 | 91    | 2.9             | 1.31    | 240                 | 63   | 2.2             | 0.82    | 2.8                 | 2.83 | 0.05            | 0.047   | 190              | 60  | 1.6             | 0.7     |
| Malacoceros             | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Mya arenaria            | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Mysella bidentata       | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| MYSIDACEA               | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| NEMERTEA                | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 170                 | 74   | 0.16            | 0.086   | 0                | 0   | 0               | 0       |
| Nephtys                 | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 30                  | 31   | 0.022           | 0.0224  | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Nephtys caeca           | 0                          | 0    | 0               | 0      | 2.8                 | 2.83  | 0.026           | 0.0262  | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Nephtys hombergii       | 0                          | 0    | 0               | 0      | 2.8                 | 2.83  | 0.17            | 0.167   | 2.8                 | 2.83 | 0.021           | 0.0214  | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Nereis                  | 140                        | 57   | 0.037           | 0.0206 | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 30               | 31  | 0.015           | 0.0153  |
| Nereis diversicolor     | 210                        | 79   | 0.6             | 0.43   | 2.8                 | 2.83  | 0.0016          | 0.00159 | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 5.7              | 3.9 | 0.034           | 0.024   |
| Nereis succinea         | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Nereis virens           | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| OLIGOCHAETA             | 630                        | 186  | 0.023           | 0.0113 | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 40               | 42  | 0.0011          | 0.00112 |
| PELECYPODA              | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| POLYCHAETA              | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Polydora                | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Polydora cornuta        | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Pygospio elegans        | 4200                       | 660  | 0.28            | 0.05   | 4800                | 1060  | 0.58            | 0.118   | 3900                | 670  | 0.35            | 0.069   | 0                   | 0    | 0               | 0       | 550              | 172 | 0.03            | 0.0109  |
| Scolecopsis bonnierii   | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Scolecopsis foliosa     | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Scolecopsis squamata    | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Scoloplos armiger       | 0                          | 0    | 0               | 0      | 170                 | 74    | 0.17            | 0.09    | 250                 | 82   | 1.4             | 0.57    | 40                  | 42   | 0.08            | 0.08    | 0                | 0   | 0               | 0       |
| Scrobicularia plana     | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Spio martinensis        | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Spionidae               | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Spiophanes bombyx       | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 170              | 74  | 0.023           | 0.0122  |
| Streblospio shrubsolii  | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Urothoe                 | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Urothoe brevicornis     | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Urothoe poseidonis      | 0                          | 0    | 0               | 0      | 0                   | 0     | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                | 0   | 0               | 0       |
| Totaal                  | 8900                       | 1590 | 3.8             | 1.01   | 12400               | 2240  | 10.2            | 4.48    | 13300               | 2600 | 8.2             | 1.34    | 3100                | 950  | 0.97            | 0.212   | 4000             | 740 | 3.5             | 0.81    |

\*\*\*\*\* : dichtheid tussen 0 en 0.03  
biomassa tussen 0 en 0.0003

**Tabel 1. Gemiddelde dichtheid (ind/m<sup>2</sup>) en biomassa (gAFDW/m<sup>2</sup>) ± standaardfout (Voorjaar 2002).**

[illegible]

Tabel 1. Gemiddelde dichtheid (ind/m2) en biomassa (gAFDW/m2) ± standaardfout (Voorjaar 2002).

| Raai<br>Lokatie         | Platen van Hulst<br>502 |      |                 |        | Platen van Hulst<br>503 |      |                 |        | Plaat van Valkenisse Oost<br>541 |      |                 |        | Plaat van Valkenisse Oost<br>543 |      |                 |         | Baalhoek<br>551  |     |                 |        |
|-------------------------|-------------------------|------|-----------------|--------|-------------------------|------|-----------------|--------|----------------------------------|------|-----------------|--------|----------------------------------|------|-----------------|---------|------------------|-----|-----------------|--------|
|                         | dichtheid<br>gem        | se   | biomassa<br>gem | se     | dichtheid<br>gem        | se   | biomassa<br>gem | se     | dichtheid<br>gem                 | se   | biomassa<br>gem | se     | dichtheid<br>gem                 | se   | biomassa<br>gem | se      | dichtheid<br>gem | se  | biomassa<br>gem | se     |
| ACTINIARIA              | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Anatides mucosa         | 0                       | 0    | 0               | 0      | 40                      | 42   | 0.012           | 0.0119 | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Aphelochaeta marioni    | 250                     | 103  | 0.033           | 0.0144 | 80                      | 84   | 0.005           | 0.0047 | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Arenicola marina        | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Bathyporeia             | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Bathyporeia pilosa      | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 130                              | 67   | 0.038           | 0.0213  | 0                | 0   | 0               | 0      |
| Bathyporeia sarai       | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Capitella capitata      | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Carcinus maenas         | 0                       | 0    | 0               | 0      | 2.8                     | 2.83 | 0.4             | 0.35   | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Cerastoderma edule      | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Corophium               | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 40               | 42  | 0.022           | 0.0221 |
| Corophium arenarium     | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Corophium volutator     | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 80                               | 57   | 0.05            | 0.04   | 0                                | 0    | 0               | 0       | 710              | 259 | 0.52            | 0.221  |
| Crangon crangon         | 14.2                    | 6.97 | 0.019           | 0.0124 | 40                      | 31   | 0.12            | 0.12   | 30                               | 31   | 0.011           | 0.0111 | 0                                | 0    | 0               | 0       | 90               | 45  | 0.042           | 0.0199 |
| Cyathura carinata       | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 2100                             | 450  | 1.06            | 0.212  | 130                              | 67   | 0.1             | 0.078   | 40               | 42  | 0.005           | 0.005  |
| Eteone                  | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Eurydice pulchra        | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 40                               | 42   | 0.006           | 0.006   | 0                | 0   | 0               | 0      |
| Haustorius arenarius    | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Heteromastus filiformis | 1930                    | 233  | 1.28            | 0.171  | 340                     | 104  | 0.052           | 0.0194 | 800                              | 144  | 0.46            | 0.141  | 0                                | 0    | 0               | 0       | 3100             | 350 | 3               | 0.47   |
| Hydrobia ulvae          | 290                     | 104  | 0.09            | 0.046  | 0                       | 0    | 0               | 0      | 130                              | 67   | 0.039           | 0.0248 | 460                              | 189  | 0.07            | 0.035   | 80               | 57  | 0.039           | 0.0265 |
| Macoma balthica         | 30                      | 31   | 0.1             | 0.071  | 2.8                     | 2.83 | 0.07            | 0.066  | 2.8                              | 2.83 | 0.08            | 0.078  | 11.3                             | 8.81 | 0.1             | 0.083   | 50               | 33  | 0.5             | 0.36   |
| Malacoceros             | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Mya arenaria            | 2.8                     | 2.83 | 0.5             | 0.48   | 0                       | 0    | 0               | 0      | 30                               | 31   | 1               | 0.97   | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Myrella bidentata       | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| MYSIDACEA               | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| NEMERTEA                | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Nephtys                 | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Nephtys caeca           | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Nephtys hombergii       | 0                       | 0    | 0               | 0      | 2.8                     | 2.83 | 0.04            | 0.041  | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Nereis                  | 90                      | 69   | 0.04            | 0.031  | 0                       | 0    | 0               | 0      | 60                               | 63   | 0.016           | 0.0159 | 0                                | 0    | 0               | 0       | 30               | 31  | 0.024           | 0.0237 |
| Nereis diversicolor     | 220                     | 60   | 0.7             | 0.34   | 30                      | 31   | 0.07            | 0.074  | 440                              | 100  | 0.72            | 0.211  | 11.3                             | 6.62 | 0.0027          | 0.00164 | 860              | 130 | 2.2             | 0.39   |
| Nereis succinea         | 110                     | 51   | 0.6             | 0.33   | 160                     | 62   | 0.42            | 0.201  | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Nereis virens           | 5.7                     | 5.66 | 0.12            | 0.119  | 8.5                     | 6.2  | 0.04            | 0.036  | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| OLIGOCHAETA             | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 8800                             | 1930 | 0.082           | 0.0183 | 6600                             | 1780 | 0.046           | 0.0104  | 0                | 0   | 0               | 0      |
| POLYCHAETA              | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 40                               | 42   | 0.029           | 0.0291  | 0                | 0   | 0               | 0      |
| Polydora                | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Polydora cornuta        | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Pygospio elegans        | 1400                    | 360  | 0.11            | 0.03   | 130                     | 91   | 0.007           | 0.0057 | 1300                             | 400  | 0.069           | 0.0187 | 40                               | 42   | 0.0014          | 0.00138 | 40               | 42  | 0.01            | 0.0097 |
| Scolecopsis bouziera    | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Scolecopsis foliosa     | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Scolecopsis squamata    | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Scoloplos armiger       | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Serobicularia plana     | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Spio martinensis        | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 40                               | 42   | 0.014           | 0.0138 | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Spionidae               | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Spionophanes bombyx     | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 40                               | 42   | 0.004           | 0.0037 | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Streblospio shrubsolii  | 40                      | 42   | 0.006           | 0.0064 | 80                      | 84   | 0.008           | 0.0083 | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Urothoe                 | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Urothoe brevicornis     | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 0                                | 0    | 0               | 0       | 0                | 0   | 0               | 0      |
| Urothoe poseidonis      | 0                       | 0    | 0               | 0      | 0                       | 0    | 0               | 0      | 0                                | 0    | 0               | 0      | 40                               | 42   | 0.029           | 0.0292  | 0                | 0   | 0               | 0      |
| Totaal                  | 4400                    | 680  | 3.6             | 0.63   | 1700                    | 460  | 2.2             | 0.64   | 13900                            | 2490 | 3.6             | 1.05   | 7900                             | 2140 | 0.45            | 0.129   | 5100             | 660 | 6.3             | 0.95   |

\*\*\*\*\* : dichtheid  
biomassa

tussen 0 en 0.01  
tussen 0 en 0.0003

**Tabel 1.** Gemiddelde dichtheid (ind/m<sup>2</sup>) en biomassa (gAFDW/m<sup>2</sup>) ± standaardfout (Voorjaar 2002).

[illegible]

**Tabel 1.** Gemiddelde dichtheid (ind/m<sup>2</sup>) en biomassa (gAFDW/m<sup>2</sup>) ± standaardfout (Voorjaar 2002).

| Raai Lokatie            | Saeftinghe 573   |           |                    |        | Saeftinghe Oost 591 |       |                 |        | Saeftinghe Oost 592 |      |                 |         | Saeftinghe Oost 593 |     |                 |        | Pas van Temeuzen 611 |       |                 |         |       |
|-------------------------|------------------|-----------|--------------------|--------|---------------------|-------|-----------------|--------|---------------------|------|-----------------|---------|---------------------|-----|-----------------|--------|----------------------|-------|-----------------|---------|-------|
| Latijnse naam           | dichtheid<br>gem | se        | biomassa<br>gem    | se     | dichtheid<br>gem    | se    | biomassa<br>gem | se     | dichtheid<br>gem    | se   | biomassa<br>gem | se      | dichtheid<br>gem    | se  | biomassa<br>gem | se     | dichtheid<br>gem     | se    | biomassa<br>gem | se      |       |
| ACTINIARIA              | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Anaitides mucosa        | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Aphelochaeta marioni    | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 630                  | 194   | 0.079           | 0.0275  |       |
| Arenicola marina        | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Bathyporeia             | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Bathyporeia pilosa      | 130              | 126       | 0.029              | 0.0292 | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Bathyporeia sarsi       | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Capitella capitata      | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Carcinus maenas         | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Cerastoderma edule      | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 11.3                 | 6.62  | 0.06            | 0.038   |       |
| Corophium               | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 80                  | 57   | 0.008           | 0.0066  | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Corophium arenarium     | 40               | 42        | 0.011              | 0.0111 | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Corophium volutator     | 0                | 0         | 0                  | 0      | 550                 | 202   | 0.21            | 0.09   | 550                 | 274  | 0.18            | 0.093   | 550                 | 172 | 0.22            | 0.079  | 0                    | 0     | 0               | 0       |       |
| Crangon crangon         | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 1.8                 | 2.83 | 0.0015          | 0.00152 | 0                   | 0   | 0               | 0      | 430                  | 119   | 0.17            | 0.055   |       |
| Cyathura carinata       | 0                | 0         | 0                  | 0      | 460                 | 156   | 0.16            | 0.069  | 130                 | 67   | 0.11            | 0.074   | 1220                | 241 | 0.16            | 0.048  | 130                  | 67    | 0.08            | 0.065   |       |
| Eteone                  | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Eurydice pulchra        | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Hauistorius arenarius   | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Heteromastus filiformis | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Hydroidia ulvae         | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 40  | 42              | 0.0028 | 0.00278              | 2700  | 390             | 1.33    | 0.149 |
| Macoma balthica         | 40               | 32        | 0.1                | 0.056  | 0                   | 0     | 0               | 0      | 2.8                 | 2.83 | 0.07            | 0.066   | 0                   | 0   | 0               | 0      | 110                  | 51    | 1.4             | 0.85    |       |
| Malacoceros             | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Mya arenaria            | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Mysella bidentata       | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| MYSIDACEA               | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| NEMERTEA                | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Nephtys                 | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Nephtys caeca           | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Nephtys hombergii       | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Nereis                  | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Nereis diversicolor     | 30               | 31        | 0.014              | 0.0144 | 25.5                | 13.92 | 0.016           | 0.0077 | 50                  | 32   | 0.23            | 0.181   | 0                   | 0   | 0               | 0      | 250                  | 77    | 0.47            | 0.172   |       |
| Nereis succinea         | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 8.5                  | 4.64  | 0.029           | 0.0234  |       |
| Nereis virens           | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 22.7                 | 11.18 | 0.2             | 0.111   |       |
| OLIGOCHAETA             | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| PELECYPODA              | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| POLYCHAETA              | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Polydora                | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Polydora cornuta        | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Pygospio elegans        | 380              | 192       | 0.022              | 0.0105 | 0                   | 0     | 0               | 0      | 40                  | 42   | 0.0028          | 0.00276 | 40                  | 42  | *****           | *****  | 80                   | 57    | 0.0037          | 0.00251 |       |
| Scolecopsis bonnier     | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Scolecopsis foliosa     | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Scolecopsis squamata    | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Scoloplos armiger       | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Serbicularia plana      | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Spio martinensis        | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Spionidae               | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Spiophanes bombyx       | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Streptosio shrubsolii   | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Urothoe                 | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Urothoe brevicornis     | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Urothoe poseidonis      | 0                | 0         | 0                  | 0      | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                   | 0   | 0               | 0      | 0                    | 0     | 0               | 0       |       |
| Totaal                  | 1500             | 420       | 0.45               | 0.091  | 1500                | 310   | 0.55            | 0.133  | 1100                | 370  | 0.81            | 0.249   | 2600                | 500 | 0.54            | 0.132  | 4600                 | 820   | 4.1             | 0.92    |       |
| *****                   | *****            | dichtheid | tussen 0 en 0.03   |        |                     |       |                 |        |                     |      |                 |         |                     |     |                 |        |                      |       |                 |         |       |
|                         |                  | biomassa  | tussen 0 en 0.0003 |        |                     |       |                 |        |                     |      |                 |         |                     |     |                 |        |                      |       |                 |         |       |

**Tabel 1. Gemiddelde dichtheid (ind/m2) en biomassa (gAFDW/m2) ± standaardfout (Voorjaar 2002).**

| Raai<br>Lokatie         | Pas van Temeuzen<br>622 |       |                 |         | Paulinapolder<br>711 |       |                 |         | Paulinapolder<br>722 |       |                 |         | Hooge Springer<br>901 |      |                 |         | Hooge Springer<br>902 |      |                 |         |
|-------------------------|-------------------------|-------|-----------------|---------|----------------------|-------|-----------------|---------|----------------------|-------|-----------------|---------|-----------------------|------|-----------------|---------|-----------------------|------|-----------------|---------|
| Latijnse naam           | dichtheid<br>gem        | se    | biomassa<br>gem | se      | dichtheid<br>gem     | se    | biomassa<br>gem | se      | dichtheid<br>gem     | se    | biomassa<br>gem | se      | dichtheid<br>gem      | se   | biomassa<br>gem | se      | dichtheid<br>gem      | se   | biomassa<br>gem | se      |
| ACTINIARIA              | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Anatides mucosa         | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 40                   | 42    | 0.0017          | 0.00169 | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Aphelochaeta marioni    | 1430                    | 271   | 0.23            | 0.047   | 40                   | 42    | 0.009           | 0.0092  | 1260                 | 221   | 0.33            | 0.064   | 0                     | 0    | 0               | 0       | 40                    | 42   | 0.0006          | 0.00056 |
| Arenicola marina        | 11.3                    | 11.33 | 0.9             | 0.91    | 60                   | 31    | 15.2            | 14.94   | 22.7                 | 22.65 | 0.9             | 0.89    | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Bathyporeia             | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 40                    | 42   | 0.008           | 0.008   | 0                     | 0    | 0               | 0       |
| Bathyporeia pilosa      | 40                      | 42    | 0.0025          | 0.00251 | 210                  | 170   | 0.08            | 0.063   | 0                    | 0     | 0               | 0       | 170                   | 74   | 0.056           | 0.0259  | 170                   | 74   | 0.033           | 0.0204  |
| Bathyporeia garsi       | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 40                    | 42   | 0.0015          | 0.00151 | 0                     | 0    | 0               | 0       |
| Capitella capitata      | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 210                   | 100  | 0.013           | 0.0106  |
| Carcinus maenas         | 0                       | 0     | 0               | 0       | 2.8                  | 2.83  | 0.015           | 0.0148  | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Cerastoderma edule      | 300                     | 95    | 1.6             | 0.5     | 2.8                  | 2.83  | 0.07            | 0.066   | 90                   | 44    | 0.46            | 0.217   | 90                    | 43   | 0.9             | 0.55    | 11.3                  | 8.81 | 0.06            | 0.05    |
| Corophium               | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 40                    | 42   | 0.005           | 0.0045  | 0                     | 0    | 0               | 0       |
| Corophium areparium     | 0                       | 0     | 0               | 0       | 590                  | 199   | 0.25            | 0.1     | 0                    | 0     | 0               | 0       | 290                   | 104  | 0.07            | 0.032   | 420                   | 181  | 0.09            | 0.036   |
| Corophium volutator     | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Crangon crangon         | 90                      | 52    | 0.038           | 0.0219  | 14.2                 | 11.53 | 0.006           | 0.0048  | 19.8                 | 11.82 | 0.015           | 0.0084  | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Cyathura carinata       | 550                     | 172   | 0.28            | 0.11    | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 40                    | 42   | 0.003           | 0.0035  |
| Eteone                  | 0                       | 0     | 0               | 0       | 40                   | 42    | 0.05            | 0.051   | 0                    | 0     | 0               | 0       | 380                   | 103  | 0.035           | 0.0147  | 800                   | 217  | 0.051           | 0.0188  |
| Eurydice pulchra        | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Haastorius arenarius    | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Heteromastus filiformis | 7500                    | 800   | 4.7             | 0.46    | 1010                 | 148   | 1.5             | 0.39    | 8200                 | 710   | 8.3             | 0.78    | 550                   | 104  | 0.19            | 0.085   | 670                   | 156  | 0.4             | 0.18    |
| Hydobia ulvae           | 290                     | 164   | 0.09            | 0.047   | 210                  | 79    | 0.13            | 0.059   | 0                    | 0     | 0               | 0       | 80                    | 57   | 0.031           | 0.0276  | 40                    | 42   | 0.0018          | 0.00177 |
| Macoma balthica         | 190                     | 73    | 1.4             | 0.61    | 50                   | 32    | 0.47            | 0.279   | 380                  | 98    | 2.5             | 0.75    | 60                    | 33   | 0.3             | 0.118   | 80                    | 43   | 1.1             | 0.86    |
| Malacoceros             | 0                       | 0     | 0               | 0       | 290                  | 121   | 0.11            | 0.052   | 40                   | 42    | 0.004           | 0.0037  | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Mya arenaria            | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 2.8                  | 2.83  | 1.2             | 1.19    | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Mysella bidentata       | 0                       | 0     | 0               | 0       | 30                   | 31    | 0.0016          | 0.00162 | 100                  | 69    | 0.04            | 0.0291  | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| MYSIDACEA               | 0                       | 0     | 0               | 0       | 40                   | 42    | 0.03            | 0.035   | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| NEMERTEA                | 0                       | 0     | 0               | 0       | 80                   | 84    | 0.07            | 0.07    | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Nephtys                 | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Nephtys caeca           | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Nephtys hombergii       | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 2.8                  | 2.83  | 0.06            | 0.058   | 0                     | 0    | 0               | 0       | 40                    | 31   | 0.17            | 0.163   |
| Nereis                  | 0                       | 0     | 0               | 0       | 40                   | 31    | 0.04            | 0.036   | 30                   | 31    | 0.19            | 0.189   | 5.7                   | 3.9  | 0.0012          | 0.00099 | 0                     | 0    | 0               | 0       |
| Nereis diversicolor     | 160                     | 59    | 0.55            | 0.205   | 110                  | 51    | 0.28            | 0.114   | 410                  | 89    | 3.8             | 1.02    | 40                    | 31   | 0.17            | 0.134   | 30                    | 31   | 0.05            | 0.035   |
| Nereis succinea         | 2.8                     | 2.83  | 0.026           | 0.0259  | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 2.8                   | 2.83 | 0.0004          | 0.00042 | 5.7                   | 3.9  | 0.018           | 0.0171  |
| Nereis virens           | 0                       | 0     | 0               | 0       | 5.7                  | 5.66  | 0.7             | 0.66    | 2.8                  | 2.83  | 0.1             | 0.099   | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| OLIGOCHAETA             | 40                      | 42    | 0.006           | 0.0062  | 2300                 | 460   | 0.39            | 0.093   | 1800                 | 330   | 0.27            | 0.055   | 920                   | 183  | 0.13            | 0.041   | 1600                  | 350  | 0.29            | 0.101   |
| POLYCHAETA              | 0                       | 0     | 0               | 0       | 40                   | 42    | 0.15            | 0.146   | 40                   | 42    | 0.06            | 0.057   | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Polydora                | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Polydora cornuta        | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Pygospio elegans        | 460                     | 144   | 0.051           | 0.0159  | 420                  | 133   | 0.049           | 0.0166  | 550                  | 220   | 0.046           | 0.0172  | 6900                  | 640  | 0.351           | 0.0293  | 11200                 | 2430 | 0.58            | 0.136   |
| Scolecopsis bomieri     | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Scolecopsis foliosa     | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Scolecopsis squamata    | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Scoloplos armiger       | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Scrobicularia plana     | 70                      | 43    | 1               | 0.68    | 0                    | 0     | 0               | 0       | 39.6                 | 18.87 | 1               | 0.67    | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Spio martinensis        | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Spionidae               | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Spiophanes bombyx       | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Streblospio shrubsolii  | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Urothoe                 | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Urothoe brevicornis     | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Urothoe poseidonis      | 0                       | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0    | 0               | 0       | 0                     | 0    | 0               | 0       |
| Totaal                  | 11300                   | 1600  | 10.8            | 1.49    | 5600                 | 1000  | 19.6            | 15.1    | 13000                | 1760  | 19.2            | 1.72    | 9600                  | 1410 | 2.2             | 0.61    | 15000                 | 3200 | 2.8             | 0.95    |
| *****                   | ***** : dichtheid       |       |                 |         | tussen 0 en 0.03     |       |                 |         |                      |       |                 |         |                       |      |                 |         |                       |      |                 |         |
|                         | biomassa                |       |                 |         | tussen 0 en 0.0003   |       |                 |         |                      |       |                 |         |                       |      |                 |         |                       |      |                 |         |

**Tabel 1.** Gemiddelde dichtheid (ind/m<sup>2</sup>) en biomassa (gAFDW/m<sup>2</sup>) ± standaardfout (Voorjaar 2002).

| Raai Lokatie            | Hooge Springer 903 |           |                    |       | Hooge Springer 904 |      |          |         | Hoge platen 922 |       |          |        | Hoge platen 923 |      |          |         | Hoge platen 924 |      |          |         |
|-------------------------|--------------------|-----------|--------------------|-------|--------------------|------|----------|---------|-----------------|-------|----------|--------|-----------------|------|----------|---------|-----------------|------|----------|---------|
|                         | dichtheid          |           | biomassa           |       | dichtheid          |      | biomassa |         | dichtheid       |       | biomassa |        | dichtheid       |      | biomassa |         | dichtheid       |      | biomassa |         |
| Latijnse naam           | gem                | se        | gem                | se    | gem                | se   | gem      | se      | gem             | se    | gem      | se     | gem             | se   | gem      | se      | gem             | se   | gem      | se      |
| ACTINIARIA              | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Anatitides mucosa       | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 80              | 57   | 0.11     | 0.074   | 210             | 100  | 0.6      | 0.39    |
| Aphelochaeta marioni    | 0                  | 0         | 0                  | 0     | 80                 | 57   | 0.0036   | 0.00247 | 750             | 140   | 0.048    | 0.0126 | 7400            | 810  | 0.54     | 0.057   | 1430            | 297  | 0.14     | 0.037   |
| Arenicola marina        | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 45.3            | 11.33 | 3.9      | 1.6    | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Bathyporeia             | 0                  | 0         | 0                  | 0     | 460                | 291  | 0.012    | 0.005   | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Bathyporeia pilosa      | 2200               | 460       | 0.21               | 0.042 | 630                | 150  | 0.12     | 0.036   | 40              | 42    | 0.005    | 0.0045 | 40              | 42   | 0.018    | 0.0176  | 130             | 67   | 0.047    | 0.0277  |
| Bathyporeia sarsi       | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Capitella capitata      | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 420             | 133   | 0.031    | 0.0108 | 80              | 57   | 0.001    | 0.00093 | 0               | 0    | 0        | 0       |
| Carcinus maenas         | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Cerastoderma edule      | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 11.3            | 6.62  | 0.05     | 0.032  | 110             | 51   | 7.5      | 3.24    | 5.7             | 3.9  | 0.6      | 0.4     |
| Corophium               | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Corophium arenarium     | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 170             | 96    | 0.026    | 0.0149 | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Corophium volutator     | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Crangon crangon         | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 11.3            | 7.79 | 0.01     | 0.0066  | 11.3            | 6.62 | 0.016    | 0.0111  |
| Cyathura carinata       | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Eteone                  | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 250             | 120   | 0.07     | 0.065  | 170             | 96   | 0.035    | 0.0197  | 0               | 0    | 0        | 0       |
| Eurydice pulchra        | 290                | 84        | 0.07               | 0.03  | 630                | 184  | 0.17     | 0.056   | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Haustorium arenarius    | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 40              | 42    | 0.013    | 0.0126 | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Heteromastus filiformis | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 840             | 170   | 0.96     | 0.24   | 1470            | 265  | 0.5      | 0.094   | 1300            | 291  | 0.64     | 0.175   |
| Hydrobia ulvae          | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 80              | 57    | 0.013    | 0.0114 | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Macoma balthica         | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 480             | 105   | 2.4      | 0.65   | 740             | 132  | 3.4      | 1.02    | 180             | 57   | 1.1      | 0.47    |
| Malacoceros             | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Mya arenaria            | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 2.8             | 2.83  | 0.09     | 0.087  | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Mysella bidentata       | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 5.7             | 3.9  | 0.002    | 0.00181 | 0               | 0    | 0        | 0       |
| MYSIDACEA               | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| NEMERTEA                | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Nephtys                 | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 30              | 31    | 0.015    | 0.0147 | 0               | 0    | 0        | 0       | 5.7             | 5.66 | 0.002    | 0.00198 |
| Nephtys caeca           | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Nephtys hombergii       | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 2.8             | 2.83  | 0.12     | 0.116  | 70              | 43   | 0.3      | 0.178   | 5.7             | 3.9  | 0.09     | 0.062   |
| Nereis                  | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 30              | 31    | 0.05     | 0.05   | 30              | 31   | 0.08     | 0.078   | 0               | 0    | 0        | 0       |
| Nereis diversicolor     | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 190             | 59    | 0.7      | 0.46   | 70              | 43   | 0.16     | 0.102   | 0               | 0    | 0        | 0       |
| Nereis succinea         | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Nereis virens           | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| OLIGOCHAETA             | 0                  | 0         | 0                  | 0     | 80                 | 57   | 0.017    | 0.0117  | 7200            | 1090  | 0.95     | 0.154  | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| PELECYPODA              | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| POLYCHAETA              | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Polydora                | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Polydora cornuta        | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Pygospio elegans        | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 10900           | 1840  | 0.94     | 0.16   | 500             | 330  | 0.1      | 0.07    | 0               | 0    | 0        | 0       |
| Scolecopsis bonnieri    | 0                  | 0         | 0                  | 0     | 30                 | 31   | 0.003    | 0.0031  | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Scolecopsis foliosa     | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Scolecopsis squamata    | 0                  | 0         | 0                  | 0     | 2.8                | 2.83 | 0.001    | 0.00102 | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Scoloplos armiger       | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 40              | 42   | 0.029    | 0.0294  | 250             | 82   | 0.47     | 0.188   |
| Scrobicularia plana     | 0                  | 0         | 0                  | 0     | 2.8                | 2.83 | 0.025    | 0.0246  | 2.8             | 2.83  | 0.07     | 0.07   | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Spio martinensis        | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Spionidae               | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Spionophanes bombyx     | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 460             | 156   | 0.044    | 0.0175 | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Streblospio shrubsoleii | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Urothoe                 | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 40              | 42   | 0.0025   | 0.00251 |
| Urothoe brevicornis     | 0                  | 0         | 0                  | 0     | 40                 | 42   | 0.0025   | 0.00251 | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 0               | 0    | 0        | 0       |
| Urothoe poseidonis      | 0                  | 0         | 0                  | 0     | 0                  | 0    | 0        | 0       | 0               | 0     | 0        | 0      | 0               | 0    | 0        | 0       | 40              | 42   | 0.027    | 0.0271  |
| Totaal                  | 4600               | 530       | 0.5                | 0.062 | 2500               | 570  | 0.45     | 0.079   | 22000           | 3700  | 10.4     | 2.2    | 10900           | 1690 | 12.7     | 3.7     | 3600            | 660  | 3.7      | 0.98    |
| *****                   | *****              | dichtheid | tussen 0 en 0.03   |       |                    |      |          |         |                 |       |          |        |                 |      |          |         |                 |      |          |         |
|                         |                    | biomassa  | tussen 0 en 0.0003 |       |                    |      |          |         |                 |       |          |        |                 |      |          |         |                 |      |          |         |

Tabel 2.

Gemiddelde dichtheid  $\pm$  standaardfout (ind./m<sup>2</sup>) per waargenomen soort in het gebied  
Centr./West. deel plot 4 van het Westerschelde in het Voorjaar 2002, per dieptestratum en over  
het gehele plot

| Dieptestratum              | -1 t/m | 2 m  | 2 t/m | 5 m  | 5 t/m | 8 m  | 8 t/m | 100 m | Totaal |      |
|----------------------------|--------|------|-------|------|-------|------|-------|-------|--------|------|
| Oppervlakte (km2)          | 6.79   |      | 2.28  |      | 2.80  |      | 12.99 |       | 24.86  |      |
|                            | gem    | se   | gem   | se   | gem   | se   | gem   | se    | gem    | se   |
| Abra alba                  | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Abra nitida                | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Abra tenuis                | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Actiniaria                 | 5      | 5.2  | 0     | 0    | 0     | 0    | 0     | 0     | 1.4    | 1.43 |
| Anatides mucosa            | 0      | 0    | 0     | 0    | 0     | 0    | 27    | 26.7  | 14     | 13.9 |
| Angulus tenuis             | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Aphelochaeta marioni       | 0      | 0    | 0     | 0    | 13    | 13.3 | 1200  | 790   | 600    | 410  |
| Arenicola marina           | 11     | 7.7  | 13    | 13.3 | 0     | 0    | 13    | 13.3  | 11     | 7.4  |
| Barnea candida             | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Bathyporeia                | 1200   | 790  | 0     | 0    | 0     | 0    | 0     | 0     | 330    | 215  |
| Bathyporeia pilosa         | 1600   | 470  | 13    | 13.3 | 40    | 26.7 | 0     | 0     | 430    | 129  |
| Bathyporeia sarsi          | 540    | 220  | 13    | 13.3 | 0     | 0    | 0     | 0     | 150    | 60   |
| Capitella capitata         | 38     | 20.7 | 0     | 0    | 0     | 0    | 13    | 13.3  | 17     | 9.0  |
| Carcinus maenas            | 8      | 8.3  | 0     | 0    | 0     | 0    | 13    | 13.3  | 9      | 7.3  |
| Caridea                    | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Cerastoderma edule         | 10     | 6.6  | 0     | 0    | 0     | 0    | 0     | 0     | 2.7    | 1.80 |
| Corophium                  | 5      | 5.2  | 0     | 0    | 0     | 0    | 0     | 0     | 1.4    | 1.43 |
| Corophium arenarium        | 70     | 47   | 40    | 40   | 0     | 0    | 0     | 0     | 23     | 13.3 |
| Crangon crangon            | 12     | 6.9  | 0     | 0    | 0     | 0    | 0     | 0     | 3.3    | 1.89 |
| Crepidula fornicata        | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Decapoda                   | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Ensis                      | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Ensis arcuatus var. direct | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Eteone                     | 80     | 36   | 27    | 16.3 | 13    | 13.3 | 0     | 0     | 26     | 10.2 |
| Eurydice pulchra           | 5      | 5.2  | 0     | 0    | 13    | 13.3 | 0     | 0     | 2.9    | 2.07 |
| Fabulina fabula            | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Gastrosaccus spinifer      | 0      | 0    | 13    | 13.3 | 0     | 0    | 0     | 0     | 1.2    | 1.22 |
| Heteromastus filiformis    | 140    | 35   | 250   | 173  | 310   | 180  | 2700  | 1680  | 1500   | 880  |
| Hydrobia ulvae             | 600    | 450  | 0     | 0    | 13    | 13.3 | 0     | 0     | 150    | 122  |
| Macoma balthica            | 100    | 51   | 27    | 16.3 | 0     | 0    | 0     | 0     | 31     | 14.1 |
| Magelona mirabilis         | 0      | 0    | 13    | 13.3 | 0     | 0    | 0     | 0     | 1.2    | 1.22 |
| Mya arenaria               | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Myrella bidentata          | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Mytilus edulis             | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Nemertea                   | 29     | 21.4 | 0     | 0    | 0     | 0    | 0     | 0     | 8      | 5.9  |
| Nephtys                    | 1.1    | 1.11 | 13    | 13.3 | 13    | 13.3 | 0     | 0     | 3.0    | 1.96 |
| Nephtys caeca              | 1.4    | 1.42 | 0     | 0    | 13    | 13.3 | 0     | 0     | 1.9    | 1.55 |
| Nephtys cirrosa            | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Nephtys hombergii          | 11     | 8.1  | 27    | 16.3 | 0     | 0    | 27    | 26.7  | 19     | 14.2 |
| Nereis                     | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Nereis diversicolor        | 1.4    | 1.42 | 0     | 0    | 0     | 0    | 0     | 0     | .4     | .39  |
| Nereis succinea            | *****  |      | 0     | 0    | 0     | 0    | 13    | 13.3  | 7      | 7.0  |
| Nereis virens              | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Oligochaeta                | 17     | 16.7 | 13    | 13.3 | 0     | 0    | 50    | 39    | 34     | 20.9 |
| Pelecypoda                 | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Petricola pholadiformis    | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Pygospio elegans           | 1500   | 670  | 13    | 13.3 | 0     | 0    | 13    | 13.3  | 410    | 182  |
| Retusa obtusa              | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Scolecopsis                | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Scolecopsis bonnierii      | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Scolecopsis squamata       | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Scoloplos armiger          | 70     | 32   | 40    | 26.7 | 0     | 0    | 0     | 0     | 24     | 9.1  |
| Scrobicularia plana        | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Spio martinensis           | 0      | 0    | 0     | 0    | 0     | 0    | 27    | 26.7  | 14     | 13.9 |
| Spisula elliptica          | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Spisula subtruncata        | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Streblospio shrubsolii     | 0      | 0    | 0     | 0    | 0     | 0    | 90    | 93    | 50     | 49   |
| Tellinacea                 | *****  |      | 0     | 0    | 0     | 0    | 0     | 0     | *****  |      |
| Tellininae (tellina)       | 8      | 8.3  | 0     | 0    | 0     | 0    | 0     | 0     | 2.3    | 2.28 |
| Totalen                    | 6000   | 1740 | 520   | 264  | 430   | 190  | 4300  | 2500  | 4000   | 1390 |

Tabel 3.

Gemiddelde biomassa  $\pm$  standaardfout (g adw/m<sup>2</sup>) per waargenomen soort in het gebied Centr./West. deel plot 4 van het Westerschelde in het Voorjaar 2002, per dieptestratum en over het gehele plot.

| Dieptestratum                  | -1 t/m 2 m   | 2 t/m 5 m    | 5 t/m 8 m    | 8 t/m 100 m  | Totaal         |
|--------------------------------|--------------|--------------|--------------|--------------|----------------|
| Oppervlakte (km <sup>2</sup> ) | 6.79         | 2.28         | 2.80         | 12.99        | 24.86          |
|                                | gem          | se           | gem          | se           | gem            |
| Abra alba                      | *****        | 0            | 0            | 0            | *****          |
| Abra nitida                    | *****        | 0            | 0            | 0            | *****          |
| Abra tenuis                    | *****        | 0            | 0            | 0            | *****          |
| Actiniaria                     | .0004 .00036 | 0            | 0            | 0            | .00010 .000099 |
| Anatides mucosa                | 0 0          | 0            | 0            | .017 .0170   | .009 .0089     |
| Angulus tenuis                 | *****        | 0            | 0            | 0            | *****          |
| Aphelochaeta marioni           | 0 0          | 0            | .0022 .00222 | .13 .096     | .07 .050       |
| Arenicola marina               | .9 .59       | .11 .114     | 0 0          | .25 .252     | .38 .209       |
| Barnea candida                 | *****        | 0            | 0            | 0            | *****          |
| Bathyporeia                    | .039 .0245   | 0 0          | 0 0          | 0 0          | .021 .0067     |
| Bathyporeia pilosa             | .47 .139     | .007 .0069   | .014 .0084   | 0 0          | .13 .038       |
| Bathyporeia garsi              | .14 .052     | .008 .0077   | 0 0          | 0 0          | .039 .0141     |
| Capitella capitata             | .004 .0031   | 0 0          | 0 0          | .0012 .00118 | .0017 .00104   |
| Carcinus maenas                | .7 .60       | 0 0          | 0 0          | .7 .66       | .5 .39         |
| Caridea                        | *****        | 0            | 0            | 0            | *****          |
| Cerastoderma edule             | .31 .217     | 0 0          | 0 0          | 0 0          | .08 .059       |
| Corophium                      | .0003 .00031 | 0 0          | 0 0          | 0 0          | .00009 .000085 |
| Corophium arenarium            | .05 .042     | .012 .0123   | 0 0          | 0 0          | .016 .0115     |
| Crangon crangon                | .006 .0035   | 0 0          | 0 0          | 0 0          | .0016 .00094   |
| Crepidula fornicata            | *****        | 0            | 0            | 0            | *****          |
| Decapoda                       | *****        | 0            | 0            | 0            | *****          |
| Ensis                          | *****        | 0            | 0            | 0            | *****          |
| Ensis arcuatus var. direct     | *****        | 0            | 0            | 0            | *****          |
| Eteone                         | .024 .0135   | .004 .0039   | .004 .0045   | 0 0          | .008 .0037     |
| Eurydice pulchra               | .0006 .00063 | 0 0          | .007 .0074   | 0 0          | .0010 .00085   |
| Fabulina fabula                | *****        | 0            | 0            | 0            | *****          |
| Gastrosaccus spinifer          | 0 0          | .05 .050     | 0 0          | 0 0          | .005 .0046     |
| Heteromastus filiformis        | .053 .0171   | .34 .248     | .22 .165     | 3.2 2.41     | 1.7 1.26       |
| Hydrobia ulvae                 | .19 .136     | 0 0          | .0027 .00270 | 0 0          | .05 .037       |
| Macoma balthica                | .7 .39       | .14 .113     | 0 0          | 0 0          | .21 .108       |
| Magelona mirabilis             | 0 0          | .023 .0226   | 0 0          | 0 0          | .0021 .00207   |
| Mya arenaria                   | *****        | 0            | 0            | 0            | *****          |
| Myrella bidentata              | *****        | 0            | 0            | 0            | *****          |
| Mytilus edulis                 | *****        | 0            | 0            | 0            | *****          |
| Nemertea                       | .041 .0270   | 0 0          | 0 0          | 0 0          | .011 .0074     |
| Nephtys                        | .0008 .00080 | .04 .041     | .005 .0052   | 0 0          | .005 .0038     |
| Nephtys caeca                  | .013 .0131   | 0 0          | .28 .279     | 0 0          | .03 .032       |
| Nephtys cirrosa                | *****        | 0            | 0            | 0            | *****          |
| Nephtys hombergii              | .15 .092     | .3 .32       | 0 0          | .7 .67       | .4 .35         |
| Nereis                         | *****        | 0            | 0            | 0            | *****          |
| Nereis diversicolor            | .0008 .00078 | 0 0          | 0 0          | 0 0          | .00022 .000214 |
| Nereis succinea                | *****        | 0            | 0            | .003 .0031   | .0016 .00160   |
| Nereis virens                  | *****        | 0            | 0            | 0            | *****          |
| Oligochaeta                    | .0005 .00045 | *****        | 0 0          | .006 .0040   | .0035 .00207   |
| Pelecypoda                     | *****        | 0            | 0            | 0            | *****          |
| Petricola pholadiformis        | *****        | 0            | 0            | 0            | *****          |
| Pygospio elegans               | .14 .076     | .0006 .00058 | 0 0          | .0006 .00058 | .039 .0207     |
| Retusa obtusa                  | *****        | 0            | 0            | 0            | *****          |
| Scolecopsis                    | *****        | 0            | 0            | 0            | *****          |
| Scolecopsis bonnierii          | *****        | 0            | 0            | 0            | *****          |
| Scolecopsis squamata           | *****        | 0            | 0            | 0            | *****          |
| Scoloplos armiger              | .25 .165     | .23 .170     | 0 0          | 0 0          | .09 .048       |
| Scrobicularia plana            | *****        | 0            | 0            | 0            | *****          |
| Spio martinensis               | 0 0          | 0 0          | 0 0          | .003 .0032   | .0017 .00168   |
| Spisula elliptica              | *****        | 0            | 0            | 0            | *****          |
| Spisula subtruncata            | *****        | 0            | 0            | 0            | *****          |
| Streblospio shrubsolii         | 0 0          | 0 0          | 0 0          | .005 .0054   | .0028 .00283   |
| Tellinacea                     | *****        | 0            | 0            | 0            | *****          |
| Tellininae (tellina)           | .0004 .00037 | 0 0          | 0 0          | 0 0          | .00011 .000101 |
| Totaal                         | 4.1 1.60     | 1.3 .76      | .54 .267     | 4.9 2.51     | 3.9 1.39       |

\*\*\*\*\* : gem. biomassa < 0.00003 gADW/m<sup>2</sup>

**Tabel 4.** Gemiddelde dichtheid (ind/m<sup>2</sup>) en biomassa (gAFDW/m<sup>2</sup>) ± standaardfout (Najaar 2002).

| Raai<br>Lokatie                 | Bath<br>121      |      |                 |        | Bath<br>122      |      |                 |         | Bath<br>123      |      |                 |         | Plaat van Baarland<br>231 |      |                 |         | Plaat van Baarland<br>232 |      |                 |        |
|---------------------------------|------------------|------|-----------------|--------|------------------|------|-----------------|---------|------------------|------|-----------------|---------|---------------------------|------|-----------------|---------|---------------------------|------|-----------------|--------|
|                                 | dichtheid<br>gem | se   | biomassa<br>gem | se     | dichtheid<br>gem | se   | biomassa<br>gem | se      | dichtheid<br>gem | se   | biomassa<br>gem | se      | dichtheid<br>gem          | se   | biomassa<br>gem | se      | dichtheid<br>gem          | se   | biomassa<br>gem | se     |
| Latijnse naam                   |                  |      |                 |        |                  |      |                 |         |                  |      |                 |         |                           |      |                 |         |                           |      |                 |        |
| Abra                            | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Abra alba                       | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Achelia echinata                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 40                        | 42   | 0.007           | 0.0073  | 0                         | 0    | 0               | 0      |
| Anatides                        | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Anatides mucosa                 | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Aphelochaeta marioni            | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Arenicola marina                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Bathyporeia                     | 80               | 84   | *****           | *****  | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Bathyporeia pilosa              | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 80                        | 57   | 0.027           | 0.0271 |
| Bathyporeia sarsi               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Bembidion laterale              | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Capitella capitata              | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 40                        | 42   | 0.006           | 0.0065 |
| Carcinus maenas                 | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Cerastoderma edule              | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 11.3                      | 7.79 | 0.016           | 0.0115 |
| Corophium                       | 500              | 153  | 0.012           | 0.0064 | 1500             | 560  | 0.019           | 0.0071  | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 19000                     | 3100 | 0.39            | 0.059  |
| Corophium arenarium             | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 6200                      | 1270 | 1.26            | 0.296  |
| Corophium lacustre              | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Corophium volutator             | 2300             | 560  | 0.38            | 0.091  | 8500             | 1280 | 2.4             | 0.35    | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 3000                      | 600  | 0.36            | 0.081  |
| Crangon crangon                 | 70               | 43   | 0.022           | 0.0145 | 0                | 0    | 0               | 0       | 2.8              | 2.83 | *****           | *****   | 2.8                       | 2.83 | 0.0005          | 0.00052 | 0                         | 0    | 0               | 0      |
| CUMACEA                         | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 40                        | 42   | *****           | *****   | 0                         | 0    | 0               | 0      |
| Cumopsis goodsiri               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Cyathura carinata               | 80               | 57   | 0.06            | 0.048  | 710              | 259  | 0.13            | 0.042   | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| DECAPODA                        | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Ensis                           | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Eteone                          | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 40                        | 42   | 0.029           | 0.0293 |
| Eteone flava                    | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Eurydice pulchra                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| GAMMARIDEA                      | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Gastrosaccus spinifer           | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Heteromastus filiformis         | 290              | 84   | 0.17            | 0.066  | 1130             | 239  | 1.11            | 0.272   | 250              | 82   | 0.16            | 0.086   | 130                       | 67   | 0.006           | 0.0047  | 380                       | 103  | 0.44            | 0.149  |
| Hydrobia ulvae                  | 0                | 0    | 0               | 0      | 40               | 42   | 0.0044          | 0.00142 | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Macoma balthica                 | 40               | 32   | 0.021           | 0.0121 | 11.3             | 6.62 | 0.05            | 0.035   | 30               | 31   | 0.029           | 0.0285  | 0                         | 0    | 0               | 0       | 190                       | 98   | 0.9             | 0.38   |
| Malacoceros                     | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Malacoceros fuliginosus         | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Macrophthalmus scelzkowii       | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Mya arenaria                    | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Mysella bidentata               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Mytilus edulis                  | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 2.8                       | 2.83 | *****           | *****  |
| NEMERTEA                        | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Neomysis integer                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Nephtys                         | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Nephtys hombergii               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Nereis                          | 340              | 159  | 0.021           | 0.0091 | 570              | 168  | 0.031           | 0.0104  | 40               | 32   | 0.0028          | 0.00196 | 0                         | 0    | 0               | 0       | 70                        | 43   | 0.007           | 0.0051 |
| Nereis diversicolor             | 1000             | 165  | 3               | 0.41   | 780              | 103  | 2.9             | 0.5     | 70               | 43   | 0.1             | 0.083   | 0                         | 0    | 0               | 0       | 5.7                       | 3.9  | 0.008           | 0.0058 |
| Nereis succinea                 | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Nereis virens                   | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| OLIGOCHAETA                     | 2900             | 1030 | 0.14            | 0.05   | 0                | 0    | 0               | 0       | 210              | 100  | *****           | *****   | 0                         | 0    | 0               | 0       | 1700                      | 460  | 0.039           | 0.013  |
| Onbekende soort/species unknown | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Parapleustes bicuspidis         | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| PELECYPODA                      | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| POLYCHAETA                      | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Polydora                        | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Polydora cornuta                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Psammodrillus balanoglossoides  | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Pygospio elegans                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 670                       | 156  | 0.1             | 0.039  |
| Retusa obtusa                   | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Scolecopsis                     | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 2.8              | 2.83 | 0.0005          | 0.00053 | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Scolecopsis squamata            | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Scolecopsis armiger             | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Scrobicularia plana             | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Spio                            | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Spio martinensis                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Spionidae                       | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 40                        | 42   | 0.009           | 0.0087 |
| Streblospio shrubsolii          | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 40                        | 42   | *****           | *****  |
| TELLINACEA                      | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Urothoe                         | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Urothoe posidonis               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Venerupis senegalensis          | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                         | 0    | 0               | 0       | 0                         | 0    | 0               | 0      |
| Totaal                          | 7600             | 1650 | 3.9             | 0.48   | 13200            | 2440 | 6.6             | 0.82    | 860              | 173  | 0.42            | 0.182   | 710                       | 130  | 0.045           | 0.0249  | 32000                     | 6300 | 3.6             | 0.63   |

\*\*\*\*\* : dichtheid  
biomassa

tussen 0 en 0.03  
tussen 0 en 0.0003

**Tabel 4. Gemiddelde dichtheid (ind/m2) en biomassa (gAFDW/m2) ± standaardfout (Najaar 2002).**

| Raai<br>Lokatie                 | Plaats van Baarland<br>233 |      |                 |         | Middelplaten<br>241 |      |                 |         | Middelplaten<br>242 |       |                 |        | Middelplaten<br>243 |      |                 |         | Waarde<br>404    |      |                 |         |
|---------------------------------|----------------------------|------|-----------------|---------|---------------------|------|-----------------|---------|---------------------|-------|-----------------|--------|---------------------|------|-----------------|---------|------------------|------|-----------------|---------|
| Latijnse naam                   | dichtheid<br>gem           | se   | biomassa<br>gem | se      | dichtheid<br>gem    | se   | biomassa<br>gem | se      | dichtheid<br>gem    | se    | biomassa<br>gem | se     | dichtheid<br>gem    | se   | biomassa<br>gem | se      | dichtheid<br>gem | se   | biomassa<br>gem | se      |
| Abra                            | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Abra alba                       | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Achelia echinata                | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Anatides                        | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Anatides mucosa                 | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 40                  | 42    | 0.0011          | 0.0011 | 0                   | 0    | 0.029           | 0.0288  | 0                | 0    | 0               | 0       |
| Aphelocheata marioni            | 0                          | 0    | 0               | 0       | 40                  | 42   | 0.0011          | 0.0011  | 0                   | 0     | 0               | 0      | 170                 | 96   | 0.0008          | 0.00083 | 0                | 0    | 0               | 0       |
| Arenicola marina                | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 11.3                | 11.33 | 0.8             | 0.83   | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Bathyporeia                     | 0                          | 0    | 0               | 0       | 420                 | 118  | 0.015           | 0.0059  | 0                   | 0     | 0               | 0      | 630                 | 238  | 0.024           | 0.0109  | 0                | 0    | 0               | 0       |
| Bathyporeia pilosa              | 0                          | 0    | 0               | 0       | 5500                | 1210 | 0.84            | 0.189   | 0                   | 0     | 0               | 0      | 500                 | 176  | 0.09            | 0.035   | 40               | 42   | 0.0025          | 0.00251 |
| Bathyporeia sarsi               | 0                          | 0    | 0               | 0       | 590                 | 199  | 0.14            | 0.057   | 80                  | 84    | 0.024           | 0.0241 | 710                 | 252  | 0.18            | 0.067   | 0                | 0    | 0               | 0       |
| Bembidion laterale              | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Capitella capitata              | 40                         | 42   | 0.0014          | 0.00139 | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Carcinus maenas                 | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Cerastoderma edule              | 0                          | 0    | 0               | 0       | 40                  | 31   | 1               | 0.9     | 70                  | 43    | 0.4             | 0.42   | 30                  | 31   | *****           | *****   | 0                | 0    | 0               | 0       |
| Corophium                       | 2800                       | 490  | 0.043           | 0.0146  | 40                  | 42   | *****           | *****   | 0                   | 0     | 0               | 0      | 40                  | 42   | *****           | *****   | 40               | 42   | 0.005           | 0.005   |
| Corophium arenarium             | 550                        | 211  | 0.08            | 0.039   | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Corophium lacustre              | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Corophium volutator             | 2100                       | 610  | 0.41            | 0.14    | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Crangon crangon                 | 130                        | 57   | 0.07            | 0.046   | 0.5                 | 6.2  | 0.024           | 0.0164  | 11.3                | 7.79  | 0.041           | 0.0297 | 0                   | 0    | 0               | 0       | 90               | 69   | 0.09            | 0.084   |
| CUMACEA                         | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Cumopsis goodsiri               | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Cyathura carinata               | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| DECAPODA                        | 0                          | 0    | 0               | 0       | 30                  | 31   | 0.5             | 0.51    | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Ensis                           | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Eteone                          | 170                        | 74   | 0.05            | 0.032   | 340                 | 104  | 0.11            | 0.045   | 40                  | 42    | 0.017           | 0.0169 | 40                  | 42   | 0.012           | 0.0119  | 40               | 42   | 0.014           | 0.0135  |
| Eteone flava                    | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Eurydice pulchra                | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| GAMMARIDEA                      | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Gastrosaccus spinifer           | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Heteromastus filiformis         | 1970                       | 229  | 5.9             | 0.72    | 250                 | 82   | 0.18            | 0.084   | 80                  | 57    | 0.15            | 0.12   | 250                 | 103  | 0.05            | 0.041   | 1800             | 310  | 2.9             | 0.37    |
| Hydrobia ulvae                  | 40                         | 42   | 0.03            | 0.0297  | 880                 | 220  | 0.15            | 0.06    | 250                 | 120   | 0.16            | 0.097  | 130                 | 67   | 0.008           | 0.0094  | 380              | 182  | 0.06            | 0.037   |
| Macoma balthica                 | 1450                       | 204  | 3.1             | 0.67    | 610                 | 150  | 7.3             | 2.04    | 220                 | 60    | 2.3             | 0.65   | 40                  | 32   | 0.05            | 0.043   | 150              | 52   | 1.2             | 0.43    |
| Malacoceros                     | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Malacoceros fuliginosus         | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Microphthalmus sczelkowi        | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Mya arenaria                    | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Myrella bidentata               | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Mytilus edulis                  | 30                         | 31   | 0.0004          | 0.00036 | 30                  | 31   | 0.0004          | 0.00036 | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| NEMERTEA                        | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 80                  | 57   | 0.017           | 0.0117  | 0                | 0    | 0               | 0       |
| Neomysis integer                | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Nephtys                         | 0                          | 0    | 0               | 0       | 2.8                 | 2.83 | 0.012           | 0.0124  | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Nephtys hombergii               | 0                          | 0    | 0               | 0       | 5.7                 | 3.9  | 0.22            | 0.154   | 40                  | 31    | 0.15            | 0.104  | 30                  | 31   | 0.04            | 0.039   | 0                | 0    | 0               | 0       |
| Nereis                          | 40                         | 32   | 0.22            | 0.217   | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 2.8              | 2.83 | 0.0066          | 0.00665 |
| Nereis diversicolor             | 270                        | 71   | 0.76            | 0.23    | 40                  | 32   | 0.6             | 0.61    | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 40               | 31   | 0.06            | 0.041   |
| Nereis succinea                 | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Nereis virens                   | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| OLIGOCHAETA                     | 3300                       | 510  | 0.064           | 0.0186  | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Onbekende soort/Species unknown | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Parapleustes bicuspid           | 40                         | 42   | *****           | *****   | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 40               | 42   | *****           | *****   |
| PELECYPODA                      | 170                        | 74   | 0.1             | 0.068   | 170                 | 74   | 0.0047          | 0.0028  | 40                  | 42    | 0.05            | 0.052  | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| POLYCHAETA                      | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 40                  | 42   | *****           | *****   | 0                | 0    | 0               | 0       |
| Polydora                        | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Polydora cornuta                | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Psammodrillus balanoglossoides  | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Pygospio elegans                | 2100                       | 440  | 0.3             | 0.057   | 1380                | 247  | 0.31            | 0.056   | 7800                | 1670  | 1.9             | 0.34   | 40                  | 42   | 0.0019          | 0.00106 | 1010             | 228  | 0.15            | 0.039   |
| Retusa obtusa                   | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Scolecopsis                     | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Scolecopsis squamata            | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 2.8                 | 2.83 | 0.002           | 0.00205 | 0                | 0    | 0               | 0       |
| Scoloplos armiger               | 0                          | 0    | 0               | 0       | 250                 | 103  | 1.1             | 0.61    | 170                 | 74    | 1               | 0.6    | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Scrobicularia plana             | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Spio                            | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Spio martinensis                | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 130                 | 67    | 0.009           | 0.0054 | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Spionidae                       | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Streblospio shrubsolii          | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| TELLINACEA                      | 30                         | 31   | 0.0006          | 0.00056 | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Urothoe                         | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Urothoe poseidonis              | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Venerupis senegalensis          | 0                          | 0    | 0               | 0       | 0                   | 0    | 0               | 0       | 0                   | 0     | 0               | 0      | 0                   | 0    | 0               | 0       | 0                | 0    | 0               | 0       |
| Totaal                          | 15300                      | 2040 | 11.2            | 1.01    | 10700               | 2000 | 12.5            | 2.94    | 9500                | 2170  | 7.5             | 1.14   | 3900                | 820  | 0.6             | 0.13    | 3600             | 630  | 4.5             | 0.49    |

\*\*\*\*\* : dichtheid  
biomassa  
tussen 0 en 0.03  
tussen 0 en 0.0003

**Tabel 4. Gemiddelde dichtheid (ind/m2) en biomassa (gAFDW/m2) ± standaardfout (Najaar 2002).**

| Raai<br>Lokatie                 | Waarde<br>405    |     |                 |        | Waarde<br>408    |      |                 |         | Platen van Hulst<br>411 |       |                 |        | Platen van Hulst<br>433 |       |                 |         | Platen van Hulst<br>501 |       |                 |         |
|---------------------------------|------------------|-----|-----------------|--------|------------------|------|-----------------|---------|-------------------------|-------|-----------------|--------|-------------------------|-------|-----------------|---------|-------------------------|-------|-----------------|---------|
|                                 | dichtheid<br>gem | se  | biomassa<br>gem | se     | dichtheid<br>gem | se   | biomassa<br>gem | se      | dichtheid<br>gem        | se    | biomassa<br>gem | se     | dichtheid<br>gem        | se    | biomassa<br>gem | se      | dichtheid<br>gem        | se    | biomassa<br>gem | se      |
| Abra                            | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Aora alba                       | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Achelia echinata                | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Anatides                        | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Anatides mucosa                 | 0                | 0   | 0               | 0      | 40               | 42   | 0.003           | 0.0034  | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Apneleochaeta marioni           | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 80                      | 57    | 0.0033          | 0.00258 |
| Arenicola marina                | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 11.3                    | 11.33 | 0.023           | 0.0226  | 11.3                    | 11.33 | 0.02            | 0.0202  |
| Bathyporeia                     | 80               | 57  | *****           | *****  | 0                | 0    | 0               | 0       | 130                     | 67    | 0.006           | 0.0055 | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Bathyporeia pilosa              | 170              | 96  | 0.016           | 0.012  | 0                | 0    | 0               | 0       | 80                      | 84    | 0.022           | 0.0221 | 0                       | 0     | 0               | 0       | 40                      | 42    | *****           | *****   |
| Bathyporeia sarsi               | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Bembidion laterale              | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Capitella capitata              | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Carcinus maenas                 | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 14.2                    | 8.09  | 0.08            | 0.046  | 50                      | 32    | 0.12            | 0.066   | 0                       | 0     | 0               | 0       |
| Cerastoderma edule              | 0                | 0   | 0               | 0      | 30               | 31   | 0.01            | 0.0072  | 2.8                     | 2.93  | *****           | *****  | 430                     | 128   | 0.048           | 0.0166  | 50                      | 32    | 0.3             | 0.33    |
| Corophium                       | 0                | 0   | 0               | 0      | 1600             | 810  | 0.04            | 0.031   | 750                     | 255   | 0.046           | 0.0274 | 5000                    | 630   | 0.19            | 0.065   | 700                     | 320   | 0.03            | 0.0246  |
| Corophium arenarium             | 0                | 0   | 0               | 0      | 80               | 84   | 0.0025          | 0.00251 | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 80                      | 57    | 0.81            | 0.0081  |
| Corophium lacustre              | 0                | 0   | 0               | 0      | 400              | 420  | 0.03            | 0.031   | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Corophium volutator             | 0                | 0   | 0               | 0      | 710              | 193  | 0.11            | 0.047   | 1000                    | 470   | 0.32            | 0.158  | 23100                   | 2420  | 4.7             | 0.43    | 500                     | 223   | 0.046           | 0.0223  |
| Crangon crangon                 | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 22.7                    | 19.87 | 0.015           | 0.0219 | 590                     | 146   | 0.27            | 0.07    | 50                      | 34    | 0.014           | 0.0101  |
| CUMACEA                         | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Cumopsis goodstiri              | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Cyathura carinata               | 0                | 0   | 0               | 0      | 900              | 320  | 0.15            | 0.052   | 750                     | 247   | 0.68            | 0.245  | 340                     | 121   | 0.13            | 0.113   | 250                     | 82    | 0.12            | 0.071   |
| DECAPODA                        | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 30                      | 31    | 0.0025          | 0.00177 | 0                       | 0     | 0               | 0       |
| Ensis                           | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 30                      | 31    | 0.0014          | 0.0014  |
| Eteone                          | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 40                      | 42    | *****           | *****  | 0                       | 0     | 0               | 0       | 130                     | 67    | 0.09            | 0.049   |
| Eteone flava                    | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Eurydice pulchra                | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| GAMMARIDEA                      | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Gastrosaccus spinifer           | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Heteromastus filiformis         | 710              | 121 | 0.91            | 0.173  | 1800             | 330  | 1.5             | 0.38    | 9600                    | 1920  | 7.7             | 0.76   | 4000                    | 510   | 6.8             | 0.59    | 2050                    | 297   | 2.4             | 0.57    |
| Hydrobia ulvae                  | 340              | 135 | 0.069           | 0.0264 | 130              | 67   | 0.049           | 0.0117  | 210                     | 79    | 0.031           | 0.0202 | 14300                   | 2950  | 0.85            | 0.176   | 2700                    | 670   | 0.48            | 0.099   |
| Macoma balthica                 | 80               | 43  | 0.2             | 0.133  | 0                | 0    | 0               | 0       | 40                      | 32    | 1.2             | 1.19   | 120                     | 51    | 0.8             | 0.55    | 40                      | 32    | 0.05            | 0.036   |
| Malacoceros                     | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Malacoceros fuliginosus         | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Microphthalmus szcelkowi        | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Mya arenaria                    | 30               | 31  | 0.007           | 0.0072 | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 8.5                     | 6.2   | 0.0034          | 0.00239 | 0                       | 0     | 0               | 0       |
| Mysella bidentata               | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Mytilus edulis                  | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 30                      | 31    | 0.0004          | 0.00036 | 0                       | 0     | 0               | 0       |
| NEMERTEA                        | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 40                      | 42    | 0.007           | 0.0071 | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Neomysis integer                | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Nephtys                         | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Nephtys hombergii               | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Nereis                          | 30               | 31  | *****           | *****  | 60               | 43   | 0.07            | 0.064   | 420                     | 103   | 0.14            | 0.063  | 130                     | 57    | 0.016           | 0.0072  | 300                     | 92    | 0.28            | 0.178   |
| Nereis diversicolor             | 60               | 43  | 0.19            | 0.175  | 30               | 31   | 0.22            | 0.117   | 780                     | 231   | 3.4             | 0.84   | 60                      | 32    | 0.24            | 0.113   | 170                     | 56    | 0.59            | 0.229   |
| Nereis succinea                 | 0                | 0   | 0               | 0      | 40               | 31   | 0.26            | 0.251   | 0                       | 0     | 0               | 0      | 30                      | 31    | 0.043           | 0.03    | 0                       | 0     | 0               | 0       |
| Nereis virens                   | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 5.7                     | 3.9   | 0.009           | 0.0066  | 0                       | 0     | 0               | 0       |
| OLIGOCHAETA                     | 130              | 67  | *****           | *****  | 80               | 57   | 0.0022          | 0.00224 | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Onbekende soort/Species unknown | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 40                      | 42    | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Parapleustes bicuspis           | 0                | 0   | 0               | 0      | 40               | 42   | 0.007           | 0.007   | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| PELECYPODA                      | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 40                      | 42    | 0.6             | 0.6     | 40                      | 42    | 0.004           | 0.0037  |
| POLYCHAETA                      | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Polydora                        | 0                | 0   | 0               | 0      | 130              | 67   | 0.007           | 0.0044  | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Polydora cornuta                | 0                | 0   | 0               | 0      | 2600             | 880  | 0.27            | 0.105   | 460                     | 179   | 0.13            | 0.053  | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Psammodrillus balanoglossoides  | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Pygospio elegans                | 130              | 67  | 0.015           | 0.011  | 3900             | 970  | 0.24            | 0.069   | 840                     | 279   | 0.15            | 0.052  | 500                     | 110   | 0.022           | 0.0066  | 1700                    | 430   | 0.41            | 0.11    |
| Retusa obtusa                   | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Scoielepis                      | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Scoielepis squamata             | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Scoloplos armiger               | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Sorbicularia plana              | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Spio                            | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Spio martinensis                | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Spionidae                       | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Streblospio shrubsolii          | 0                | 0   | 0               | 0      | 130              | 67   | *****           | *****   | 130                     | 67    | 0.007           | 0.0053 | 0                       | 0     | 0               | 0       | 130                     | 67    | 0.012           | 0.0069  |
| TELLINACEA                      | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Urothoe                         | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Urothoe poseidonis              | 0                | 0   | 0               | 0      | 0                | 0    | 0               | 0       | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Venerupis senegalensis          | 0                | 0   | 0               | 0      | 80               | 84   | 0.0008          | 0.00078 | 0                       | 0     | 0               | 0      | 0                       | 0     | 0               | 0       | 0                       | 0     | 0               | 0       |
| Totaal                          | 2000             | 330 | 1.6             | 0.32   | 13000            | 4200 | 3.3             | 0.96    | 15000                   | 3000  | 13.9            | 2.12   | 49000                   | 8600  | 14.8            | 1.95    | 9100                    | 1780  | 4.9             | 0.81    |

\*\*\*\*\* : dichtheid  
biomassa  
tussen 0 en 0.03  
tussen 0 en 0.0003

**Tabel 4. Gemiddelde dichtheid (ind/m2) en biomassa (gAFDW/m2) ± standaardfout (Najaar 2002).**

| Raai<br>Lokatie                 | Platen van Huist<br>502 |      |                 |         | Platen van Huist<br>503 |      |                 |         | Plaat van Valkenisse Oost<br>541 |      |                 |         | Plaat van Valkenisse Oost<br>543 |      |                 |         | Baailhoek<br>551 |       |                 |        |
|---------------------------------|-------------------------|------|-----------------|---------|-------------------------|------|-----------------|---------|----------------------------------|------|-----------------|---------|----------------------------------|------|-----------------|---------|------------------|-------|-----------------|--------|
|                                 | dichtheid<br>gem        | se   | biomassa<br>gem | se      | dichtheid<br>gem        | se   | biomassa<br>gem | se      | dichtheid<br>gem                 | se   | biomassa<br>gem | se      | dichtheid<br>gem                 | se   | biomassa<br>gem | se      | dichtheid<br>gem | se    | biomassa<br>gem | se     |
| Latijnse naam                   |                         |      |                 |         |                         |      |                 |         |                                  |      |                 |         |                                  |      |                 |         |                  |       |                 |        |
| Aora                            | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Aora alba                       | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Achelia echinata                | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Anatides                        | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Anatides mucosa                 | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Aphelochaeta marioni            | 380                     | 160  | 0.015           | 0.0081  | 250                     | 103  | 0.015           | 0.0072  | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Arenicola marina                | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Bathyporeia                     | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 1900                             | 620  | 0.09            | 0.033   | 0                | 0     | 0               | 0      |
| Bathyporeia pilosa              | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 2700                             | 460  | 0.75            | 0.155   | 0                | 0     | 0               | 0      |
| Bathyporeia sarsi               | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Bembidion laterale              | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Capitella capitata              | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Carcinus maenas                 | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Cerastoderma edule              | 70                      | 43   | 0.006           | 0.0055  | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 2.8              | 2.83  | 0.017           | 0.0166 |
| Corophium                       | 0                       | 0    | 0               | 0       | 40                      | 42   | 0.002           | 0.00201 | 4600                             | 1400 | 0.13            | 0.049   | 420                              | 133  | 0.013           | 0.0077  | 1800             | 350   | 0.071           | 0.0178 |
| Corophium arenarium             | 0                       | 0    | 0               | 0       | 40                      | 42   | 0.005           | 0.0045  | 0                                | 0    | 0               | 0       | 630                              | 184  | 0.14            | 0.04    | 0                | 0     | 0               | 0      |
| Corophium lacustre              | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Corophium volutator             | 80                      | 57   | 0.0015          | 0.00151 | 40                      | 42   | 0.005           | 0.0045  | 3800                             | 1280 | 0.43            | 0.149   | 0                                | 0    | 0               | 0       | 8800             | 1310  | 1.7             | 0.246  |
| Crangon crangon                 | 11.3                    | 6.62 | 0.05            | 0.036   | 50                      | 32   | 0.031           | 0.0167  | 140                              | 57   | 0.036           | 0.0173  | 30                               | 31   | 0.019           | 0.0193  | 14.2             | 11.53 | 0.008           | 0.0058 |
| CUMACEA                         | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Cumopsis goodsiri               | 0                       | 0    | 0               | 0       | 40                      | 42   | *****           | *****   | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Cyathura carinata               | 80                      | 57   | 0.08            | 0.055   | 0                       | 0    | 0               | 0       | 3200                             | 360  | 0.97            | 0.229   | 0                                | 0    | 0               | 0       | 130              | 67    | 0.015           | 0.0102 |
| DECAPODA                        | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Ensis                           | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Eteone                          | 40                      | 42   | 0.005           | 0.0051  | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Eteone flava                    | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Eurydice pulchra                | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| GAMMARIDEA                      | 0                       | 0    | 0               | 0       | 40                      | 42   | 0.004           | 0.0035  | 0                                | 0    | 0               | 0       | 130                              | 67   | 0.014           | 0.0089  | 0                | 0     | 0               | 0      |
| Gastrosaccus spinifer           | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Heteromastus filiformis         | 2050                    | 233  | 1.98            | 0.241   | 550                     | 84   | 0.32            | 0.075   | 11700                            | 1210 | 8.6             | 0.95    | 0                                | 0    | 0               | 0       | 3500             | 400   | 5.5             | 0.62   |
| Hydrobia ulvae                  | 210                     | 79   | 0.04            | 0.0251  | 40                      | 42   | 0.0018          | 0.00177 | 80                               | 84   | 0.016           | 0.0159  | 2100                             | 820  | 0.18            | 0.065   | 0                | 0     | 0               | 0      |
| Macoma balthica                 | 40                      | 31   | 0.007           | 0.0048  | 2.8                     | 2.83 | 0.05            | 0.046   | 250                              | 63   | 1.7             | 0.47    | 540                              | 245  | 1.1             | 0.71    | 50               | 32    | 0.46            | 0.227  |
| Malacoceros                     | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Malacoceros fuliginosus         | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Microphthalmus szekelyi         | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Mya arenaria                    | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 30                               | 31   | 1.1             | 1.08    | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Mysella bidentata               | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Mytilus edulis                  | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| NEMERTEA                        | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 170                              | 130  | 0.11            | 0.102   | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Neomysis integer                | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Nephtys                         | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Nephtys hombergii               | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Nereis                          | 460                     | 108  | 0.17            | 0.089   | 70                      | 43   | 0.7             | 0.6     | 490                              | 167  | 0.054           | 0.0191  | 30                               | 31   | 0.0021          | 0.00155 | 540              | 130   | 0.26            | 0.258  |
| Nereis diversicolor             | 290                     | 70   | 1.7             | 0.77    | 8.5                     | 6.2  | 0.16            | 0.126   | 630                              | 111  | 2.5             | 0.48    | 0                                | 0    | 0               | 0       | 650              | 104   | 1.11            | 0.199  |
| Nereis succinea                 | 30                      | 31   | 0.05            | 0.035   | 5.7                     | 3.9  | 0.018           | 0.0161  | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Nereis virens                   | 40                      | 32   | 0.7             | 0.54    | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| OLIGOCHAETA                     | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 700                              | 550  | *****           | *****   | 0                | 0     | 0               | 0      |
| Onbekende soort/Species unknown | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Parapleustes bicuspid           | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| PELECYPODA                      | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| POLYCHAETA                      | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Polydora                        | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 80                               | 57   | 0.018           | 0.0126  | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Polydora cornuta                | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 40                               | 42   | 0.006           | 0.006   | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Psammodrillus balanoglossoides  | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Pygospio elegans                | 1170                    | 183  | 0.126           | 0.0235  | 960                     | 202  | 0.133           | 0.0251  | 3500                             | 800  | 0.33            | 0.072   | 550                              | 252  | 0.08            | 0.0287  | 210              | 79    | 0.005           | 0.0035 |
| Retusa obtusa                   | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Scoelelepis                     | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Scoelelepis squamata            | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 11.3                             | 5.2  | 0.06            | 0.031   | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Scoloplos armiger               | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Scrobicularia plana             | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Spio                            | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Spio martinensis                | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Spionidae                       | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 40                               | 42   | 0.005           | 0.0051  | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Streblospio shrubsolii          | 0                       | 0    | 0               | 0       | 80                      | 57   | 0.0018          | 0.00184 | 80                               | 57   | 0.0009          | 0.00092 | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| TELLINACEA                      | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Urothoe                         | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Urothoe poseidonis              | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Venerupis senegalensis          | 0                       | 0    | 0               | 0       | 0                       | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                                | 0    | 0               | 0       | 0                | 0     | 0               | 0      |
| Totaal                          | 5000                    | 690  | 5               | 1.03    | 2200                    | 370  | 1.4             | 0.64    | 29000                            | 4900 | 16              | 1.87    | 9700                             | 1860 | 2.4             | 0.76    | 15700            | 2620  | 9.2             | 1.22   |

\*\*\*\*\* : dichtheid  
biomassa  
tussen 0 en 0.03  
tussen 0 en 0.0003

**Tabel 4. Gemiddelde dichtheid (ind/m2) en biomassa (gAFDW/m2) ± standaardfout (Najaar 2002).**

| Raai<br>Lokatie                 | Baalhoek<br>552  |      |                 |        | Baalhoek<br>553  |      |                 |         | Baalhoek<br>554  |      |                 |         | Saefthinge<br>571 |      |                 |        | Saefthinge<br>572 |     |                 |         |
|---------------------------------|------------------|------|-----------------|--------|------------------|------|-----------------|---------|------------------|------|-----------------|---------|-------------------|------|-----------------|--------|-------------------|-----|-----------------|---------|
|                                 | dichtheid<br>gem | se   | biomassa<br>gem | se     | dichtheid<br>gem | se   | biomassa<br>gem | se      | dichtheid<br>gem | se   | biomassa<br>gem | se      | dichtheid<br>gem  | se   | biomassa<br>gem | se     | dichtheid<br>gem  | se  | biomassa<br>gem | se      |
| Abra                            | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Abra alba                       | 2.8              | 2.83 | 0.03            | 0.032  | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Achelia echinata                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Anatides                        | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Anatides mucosa                 | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Aphelochaeta marioni            | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Arenicola marina                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 1000              | 310 | 0.04            | 0.0143  |
| Bathyporeia                     | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 590               | 189 | 0.16            | 0.048   |
| Bathyporeia pilosa              | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Bathyporeia sarsi               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Hemidion laterale               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Capitella capitata              | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Carcinus maenas                 | 2.8              | 2.83 | 0.027           | 0.0266 | 2.8              | 2.83 | 0.027           | 0.0266  | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Cerastoderma edule              | 30               | 31   | 0.005           | 0.0055 | 5.7              | 3.9  | 0.0037          | 0.00282 | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Corophium                       | 4100             | 1120 | 0.11            | 0.048  | 130              | 67   | *****           | *****   | 250              | 103  | 0.009           | 0.0049  | 12300             | 1800 | 1.18            | 0.164  | 210               | 210 | 0.004           | 0.0035  |
| Corophium arenarium             | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 210               | 133  | 0.08            | 0.047  | 130               | 91  | 0.05            | 0.039   |
| Corophium lacustre              | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Corophium volutator             | 7500             | 2510 | 1.6             | 0.45   | 0                | 0    | 0               | 0       | 130              | 91   | 0.029           | 0.0256  | 7000              | 760  | 2.19            | 0.255  | 40                | 42  | 0.005           | 0.005   |
| Crangon crangon                 | 8.5              | 8.49 | 0.018           | 0.0185 | 80               | 43   | 0.17            | 0.13    | 2.8              | 2.83 | 0.0005          | 0.00052 | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| CUMACEA                         | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Cumopsis goodsiri               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Cyathura carinata               | 1170             | 267  | 0.49            | 0.211  | 500              | 153  | 0.32            | 0.091   | 460              | 179  | 0.12            | 0.057   | 0                 | 0    | 0               | 0      | 80                | 57  | 0.006           | 0.0046  |
| DECAPODA                        | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Ensis                           | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Eteone                          | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Eteone flava                    | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Eurydice pulchra                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| GAMMARIDEA                      | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Gastrosaccus spinifer           | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Heteromastus filiformis         | 21300            | 2720 | 7.3             | 0.85   | 3600             | 620  | 3.9             | 0.59    | 710              | 84   | 0.35            | 0.068   | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Hydrobia ulvae                  | 590              | 233  | 0.16            | 0.06   | 460              | 168  | 0.21            | 0.087   | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Macoma balthica                 | 230              | 79   | 1.7             | 1.19   | 17               | 7.23 | 0.34            | 0.151   | 30               | 31   | 0.004           | 0.0043  | 5.7               | 3.9  | 0.006           | 0.0048 | 250               | 80  | 0.42            | 0.134   |
| Malacoceros                     | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Malacoceros fuliginosus         | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Microphthalmus szcelkowi        | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Mya arenaria                    | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Myrella bidentata               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Mytilus edulis                  | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| NEMERTEA                        | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Neomysis integer                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Nephtys                         | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Nephtys hombergii               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Nereis                          | 650              | 175  | 0.086           | 0.0275 | 920              | 175  | 0.23            | 0.083   | 0                | 0    | 0               | 0       | 660               | 165  | 0.13            | 0.033  | 350               | 93  | 0.047           | 0.018   |
| Nereis diversicolor             | 430              | 109  | 0.43            | 0.109  | 620              | 142  | 1.9             | 0.48    | 2.8              | 2.83 | 0.004           | 0.0045  | 290               | 81   | 0.58            | 0.158  | 140               | 56  | 0.49            | 0.261   |
| Nereis succinea                 | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Nereis virens                   | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| OLIGOCHAETA                     | 0                | 0    | 0               | 0      | 250              | 134  | 0.005           | 0.0036  | 0                | 0    | 0               | 0       | 11800             | 2030 | 0.153           | 0.0291 | 170               | 96  | 0.0017          | 0.00168 |
| Onbekende soort/Species unknown | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Parapleustes bicuspis           | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| PELECYPODA                      | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| POLYCHAETA                      | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Polydora                        | 0                | 0    | 0               | 0      | 130              | 67   | 0.014           | 0.0085  | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Polydora cornuta                | 130              | 91   | 0.042           | 0.0298 | 460              | 156  | 0.23            | 0.082   | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Psammodrillus balanoglossoides  | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Pygospio elegans                | 3100             | 360  | 0.2             | 0.045  | 7300             | 1250 | 0.76            | 0.134   | 1900             | 540  | 0.13            | 0.041   | 1550              | 259  | 0.076           | 0.0206 | 710               | 172 | 0.054           | 0.0212  |
| Retusa obtusa                   | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Scolecopsis                     | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Scolecopsis squamata            | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Scoloplos armiger               | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Scrobicularia plana             | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Spio                            | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Spio martinensis                | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Spionidae                       | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Streblospio shrubsolii          | 40               | 42   | *****           | *****  | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| TELLINACEA                      | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Urethoe                         | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Urethoe poseidonas              | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Venerupis senegalensis          | 0                | 0    | 0               | 0      | 0                | 0    | 0               | 0       | 0                | 0    | 0               | 0       | 0                 | 0    | 0               | 0      | 0                 | 0   | 0               | 0       |
| Totaal                          | 39000            | 6700 | 12.3            | 1.83   | 14500            | 2450 | 8.1             | 1.06    | 4600             | 1020 | 0.86            | 0.156   | 34000             | 6000 | 4.4             | 0.62   | 3700              | 600 | 1.29            | 0.253   |

\*\*\*\*\* : dichtheid  
biomassa

tussen 0 en 0.03  
tussen 0 en 0.0003

**Tabel 4.** Gemiddelde dichtheid (ind/m<sup>2</sup>) en biomassa (gAFDW/m<sup>2</sup>) ± standaardfout (Najaar 2002).

| Raal Lokatie                    | Saeftinghe 573   |     |                 |         | Saeftinghe Oost 591 |      |                 |        | Saeftinghe Oost 592 |      |                 |        | Saeftinghe Oost 593 |      |                 |         | Pas van Termeuzen 611 |      |                 |        |
|---------------------------------|------------------|-----|-----------------|---------|---------------------|------|-----------------|--------|---------------------|------|-----------------|--------|---------------------|------|-----------------|---------|-----------------------|------|-----------------|--------|
| Latiñse naam                    | dichtheid<br>gem | se  | biomassa<br>gem | se      | dichtheid<br>gem    | se   | biomassa<br>gem | se     | dichtheid<br>gem    | se   | biomassa<br>gem | se     | dichtheid<br>gem    | se   | biomassa<br>gem | se      | dichtheid<br>gem      | se   | biomassa<br>gem | se     |
| Abra                            | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Abra alba                       | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Achelia echinata                | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Anaitides                       | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Anaitides mucosa                | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Aphelochaeta marioni            | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 3100                  | 390  | 0.29            | 0.051  |
| Arenicola marina                | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Bathyporeia                     | 550              | 244 | 0.009           | 0.0043  | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Bathyporeia pilosa              | 960              | 135 | 0.2             | 0.036   | 0                   | 0    | 0               | 0      | 40                  | 42   | 0.01            | 0.0101 | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Bathyporeia sarsi               | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Bembidion laterale              | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Capitella capitata              | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Carcinus maenas                 | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Cerastoderma edule              | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 50                    | 34   | 3.2             | 2.02   |
| Corophium                       | 380              | 134 | 0.012           | 0.0065  | 8600                | 1910 | 0.4             | 0.09   | 210                 | 100  | 0.014           | 0.0088 | 2500                | 1240 | 0.16            | 0.083   | 80                    | 64   | 0.015           | 0.0146 |
| Coropium arenarium              | 340              | 121 | 0.07            | 0.031   | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Coropium lacustre               | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Coropium volutator              | 0                | 0   | 0               | 0       | 4100                | 830  | 1.28            | 0.296  | 130                 | 67   | 0.031           | 0.0191 | 1000                | 440  | 0.39            | 0.248   | 40                    | 42   | 0.016           | 0.0161 |
| Cragon cragron                  | 90               | 52  | 0.09            | 0.053   | 0                   | 0    | 0               | 0      | 2.8                 | 2.83 | *****           | *****  | 2.8                 | 2.83 | 0.05            | 0.055   | 420                   | 177  | 0.49            | 0.261  |
| CURACEA                         | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Cumopsis goodsiri               | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Cyathura carinata               | 0                | 0   | 0               | 0       | 960                 | 183  | 0.52            | 0.136  | 0                   | 0    | 0               | 0      | 710                 | 267  | 0.18            | 0.075   | 340                   | 104  | 0.19            | 0.092  |
| DECAPODA                        | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 2.8                   | 2.83 | 0.005           | 0.0047 |
| Eneis                           | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Eteone                          | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Eteone flava                    | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Eurydice pulchra                | 40               | 42  | 0.003           | 0.00298 | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 40                    | 42   | 0.022           | 0.022  |
| GAMMARIDEA                      | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 40                  | 42   | *****           | *****  | 0                   | 0    | 0               | 0       | 40                    | 42   | 0.003           | 0.0035 |
| Gastrosaccus spinifer           | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Heteromastus filiformis         | 0                | 0   | 0               | 0       | 80                  | 84   | 0.04            | 0.042  | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 9200                  | 1060 | 5.9             | 0.6    |
| Hydrobia ulvae                  | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 40                  | 42   | 0.004           | 0.0035  | 500                   | 330  | 0.37            | 0.261  |
| Macoma balthica                 | 110              | 51  | 0.11            | 0.048   | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 70                    | 43   | 1.3             | 0.88   |
| Malacoceros                     | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Malacoceros fuliginosus         | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Microphthalmus szcelkowi        | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Mya arenaria                    | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Myrella bidentata               | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Mytilus edulis                  | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| NEMERTEA                        | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Neomysis integer                | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 130                 | 67   | 0.08            | 0.046   | 0                     | 0    | 0               | 0      |
| Nephtys                         | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Nephtys hombergii               | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Nereis                          | 30               | 31  | 0.0009          | 0.00087 | 100                 | 51   | 0.031           | 0.0248 | 190                 | 92   | 0.053           | 0.0298 | 0                   | 0    | 0               | 0       | 640                   | 133  | 0.29            | 0.12   |
| Nereis diversicolor             | 0                | 0   | 0               | 0       | 40                  | 32   | 0.17            | 0.124  | 80                  | 43   | 0.14            | 0.078  | 2.8                 | 2.83 | 0.0008          | 0.00081 | 160                   | 57   | 1.4             | 0.59   |
| Nereis succinea                 | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Nereis virens                   | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| OLIGOCHAETA                     | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 40                    | 42   | *****           | *****  |
| Onbekende soort/Species unknown | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Parapleustes bicuspis           | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| PELECYPODA                      | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| POLYCHAETA                      | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Polydora                        | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Polydora cornuta                | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 500                   | 140  | 0.12            | 0.037  |
| Psammodrillus balanoglossoides  | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Pygospio elegans                | 460              | 144 | 0.048           | 0.0146  | 40                  | 42   | 0.004           | 0.0041 | 40                  | 42   | 0.0023          | 0.0023 | 130                 | 91   | 0.011           | 0.0097  | 1300                  | 360  | 0.15            | 0.049  |
| Retusa obtusa                   | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Scolecopsis                     | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Scolecopsis squamata            | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Scoloplos armiger               | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Scrobicularia plana             | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Spio                            | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Spio martinensis                | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Spionidae                       | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 40                  | 42   | 0.004           | 0.0041  | 0                     | 0    | 0               | 0      |
| Streblospio shrubsellii         | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 340                   | 104  | 0.021           | 0.008  |
| TELLINACEA                      | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Urothoe                         | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Urothoe poseidonis              | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Venerupis senegalensis          | 0                | 0   | 0               | 0       | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0      | 0                   | 0    | 0               | 0       | 0                     | 0    | 0               | 0      |
| Totaal                          | 3100             | 630 | 0.57            | 0.105   | 15000               | 3300 | 2.7             | 0.47   | 1050                | 278  | 0.35            | 0.121  | 6500                | 2370 | 1.3             | 0.45    | 16900                 | 2560 | 13.6            | 2.69   |

```
*****      ***** ; dichtheid      tussen 0 en 0.03
                   biomassa      tussen 0 en 0.0003
```

Tabel 4. Gemiddelde dichtheid (ind/m2) en biomassa (gAFDW/m2) ± standaardfout (Najaar 2002).

| Raai<br>Lokatie                 | Pas van Terneuzen<br>622 |      |                 |         | Paulinapolder<br>711 |       |                 |         | Paulinapolder<br>722 |       |                 |         | Hooge Springer<br>901 |       |                 |         | Hooge Spnnger<br>902 |       |                 |         |
|---------------------------------|--------------------------|------|-----------------|---------|----------------------|-------|-----------------|---------|----------------------|-------|-----------------|---------|-----------------------|-------|-----------------|---------|----------------------|-------|-----------------|---------|
| Latijnse naam                   | dichtheid<br>gem         | se   | biomassa<br>gem | se      | dichtheid<br>gem     | se    | biomassa<br>gem | se      | dichtheid<br>gem     | se    | biomassa<br>gem | se      | dichtheid<br>gem      | se    | biomassa<br>gem | se      | dichtheid<br>gem     | se    | biomassa<br>gem | se      |
| Abra                            | 0                        | 0    | 0               | 0       | 40                   | 42    | *****           | *****   | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Abra alba                       | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Achelia echinata                | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Anatides                        | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Anatides mucosa                 | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Aphelochaeta marioni            | 8000                     | 860  | 0.4             | 0.044   | 0                    | 0     | 0               | 0       | 11200                | 1540  | 0.99            | 0.151   | 40                    | 42    | *****           | *****   | 0                    | 0     | 0               | 0       |
| Arenicola marina                | 0                        | 0    | 0               | 0       | 11.3                 | 11.33 | 0.17            | 0.166   | 11.3                 | 11.33 | 0.04            | 0.038   | 11.3                  | 11.33 | 0.007           | 0.0069  | 11.3                 | 11.33 | 0.06            | 0.057   |
| Bathyporeia                     | 0                        | 0    | 0               | 0       | 80                   | 57    | *****           | *****   | 0                    | 0     | 0               | 0       | 40                    | 42    | *****           | *****   | 0                    | 0     | 0               | 0       |
| Bathyporeia pilosa              | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 40                   | 42    | 0.006           | 0.0055  |
| Bathyporeia sarsi               | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Bembidion laterale              | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Capitella capitata              | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Carcinus maenas                 | 2.8                      | 2.83 | 0.023           | 0.0233  | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Cerastoderma edule              | 210                      | 60   | 14.5            | 5.2     | 120                  | 68    | 4.1             | 3.03    | 410                  | 82    | 24.7            | 7.07    | 90                    | 43    | 1.5             | 0.93    | 290                  | 93    | 8               | 3.97    |
| Corophium                       | 0                        | 0    | 0               | 0       | 1050                 | 218   | 0.062           | 0.0176  | 0                    | 0     | 0               | 0       | 590                   | 156   | 0.024           | 0.0084  | 1100                 | 330   | 0.064           | 0.0242  |
| Corophium arenarium             | 0                        | 0    | 0               | 0       | 210                  | 100   | 0.06            | 0.036   | 0                    | 0     | 0               | 0       | 290                   | 135   | 0.056           | 0.028   | 340                  | 161   | 0.048           | 0.0226  |
| Corophium lacustre              | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Corophium volutator             | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 40                    | 42    | 0.013           | 0.0132  | 0                    | 0     | 0               | 0       |
| Crangon crangon                 | 5.7                      | 3.9  | 0.004           | 0.0031  | 50                   | 34    | 0.25            | 0.23    | 2.8                  | 2.63  | 0.0017          | 0.00174 | 2.8                   | 2.83  | 0.0004          | 0.00042 | 0                    | 0     | 0               | 0       |
| CUMACEA                         | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Cumopsis goodsii                | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Cyathura carinata               | 1930                     | 199  | 0.91            | 0.159   | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| DECAPODA                        | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 2.8                   | 2.83  | 0.0004          | 0.00044 | 0                    | 0     | 0               | 0       |
| Ensis                           | 30                       | 31   | *****           | *****   | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Eteone                          | 0                        | 0    | 0               | 0       | 40                   | 42    | 0.023           | 0.0226  | 80                   | 57    | 0.01            | 0.0074  | 80                    | 57    | 0.021           | 0.0154  | 80                   | 57    | 0.0026          | 0.00197 |
| Eteone flava                    | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 170                  | 114   | 0.06            | 0.043   | 40                    | 42    | 0.015           | 0.0147  | 290                  | 104   | 0.08            | 0.035   |
| Eurydice pulchra                | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| GAMMARIDEA                      | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Gastrosaccus spinifer           | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Heteromastus filiformis         | 23500                    | 1650 | 13.1            | 0.61    | 1090                 | 217   | 3.4             | 0.69    | 12500                | 1070  | 14.6            | 1.48    | 590                   | 114   | 1               | 0.57    | 890                  | 134   | 1.7             | 0.4     |
| Hydrobia ulvae                  | 1800                     | 310  | 0.36            | 0.061   | 130                  | 91    | 0.0042          | 0.00294 | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Macoma balthica                 | 360                      | 102  | 3.2             | 1.25    | 130                  | 51    | 1.3             | 0.56    | 590                  | 111   | 7.1             | 2.09    | 2.8                   | 2.83  | 0.0004          | 0.00038 | 150                  | 56    | 0.22            | 0.168   |
| Malacoceros                     | 0                        | 0    | 0               | 0       | 40                   | 42    | *****           | *****   | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Malacoceros fuliginosus         | 0                        | 0    | 0               | 0       | 1600                 | 650   | 0.2             | 0.096   | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Microphthalmus szelkowi         | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Mya arenaria                    | 30                       | 31   | 0.0025          | 0.00245 | 0                    | 0     | 0               | 0       | 2.8                  | 2.83  | 2.9             | 2.93    | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Mysella bidentata               | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 8.5                  | 6.2   | 0.004           | 0.00278 | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Mytilus edulis                  | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| NEMERTEA                        | 0                        | 0    | 0               | 0       | 40                   | 42    | 0.007           | 0.0071  | 0                    | 0     | 0               | 0       | 40                    | 42    | *****           | *****   | 130                  | 67    | 0.026           | 0.0195  |
| Neomysis integer                | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Nephtys                         | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Nephtys hombergii               | 0                        | 0    | 0               | 0       | 2.8                  | 2.83  | 0.2             | 0.203   | 2.8                  | 2.83  | 0.06            | 0.062   | 0                     | 0     | 0               | 0       | 2.8                  | 2.83  | 0.07            | 0.074   |
| Nereis                          | 400                      | 158  | 0.15            | 0.065   | 160                  | 57    | 0.12            | 0.071   | 310                  | 79    | 0.37            | 0.162   | 5.7                   | 3.9   | 0.0014          | 0.00116 | 2.8                  | 2.83  | 0.0008          | 0.00075 |
| Nereis diversicolor             | 190                      | 76   | 1.4             | 0.79    | 310                  | 81    | 2.9             | 1.32    | 320                  | 78    | 2.7             | 0.95    | 8.5                   | 4.64  | 0.11            | 0.077   | 40                   | 32    | 0.6             | 0.58    |
| Nereis succinea                 | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 2.8                  | 2.83  | 0.004           | 0.0039  |
| Nereis virens                   | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| OLIGOCHAETA                     | 130                      | 126  | 0.011           | 0.0112  | 2700                 | 510   | 0.17            | 0.044   | 17200                | 2400  | 1.27            | 0.197   | 960                   | 229   | 0.048           | 0.0159  | 800                  | 208   | 0.052           | 0.0206  |
| Onbekende soort/Species unknown | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Parapleustes bicuspid           | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| PELECYPODA                      | 40                       | 42   | 0.9             | 0.85    | 0                    | 0     | 0               | 0       | 40                   | 42    | 0.14            | 0.143   | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| POLYCHAETA                      | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Polydora                        | 40                       | 42   | 0.008           | 0.0083  | 0                    | 0     | 0               | 0       | 80                   | 57    | 0.006           | 0.004   | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Polydora cornuta                | 880                      | 228  | 0.16            | 0.048   | 0                    | 0     | 0               | 0       | 380                  | 82    | 0.052           | 0.0166  | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Psammodrillus balanoglossoides  | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Pygospio elegans                | 3800                     | 450  | 0.163           | 0.0263  | 2500                 | 620   | 0.52            | 0.157   | 3100                 | 780   | 0.3             | 0.08    | 630                   | 162   | 0.07            | 0.0219  | 1400                 | 300   | 0.16            | 0.041   |
| Retusa obtusa                   | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Scolecopsis                     | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Scolecopsis squamata            | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Scoloplos armiger               | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Scrobicularia plana             | 2.8                      | 2.83 | 0.1             | 0.099   | 0                    | 0     | 0               | 0       | 120                  | 51    | 7.7             | 3.34    | 0                     | 0     | 0               | 0       | 5.7                  | 5.66  | 0.0011          | 0.00107 |
| Spio                            | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Spio martinensis                | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Spionidae                       | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Streblospio shrubsolii          | 550                      | 244  | 0.03            | 0.0152  | 0                    | 0     | 0               | 0       | 130                  | 91    | 0.017           | 0.0136  | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| TULLINACEA                      | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Urothoe                         | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Urothoe poseidonis              | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Venerupis senegalensis          | 0                        | 0    | 0               | 0       | 0                    | 0     | 0               | 0       | 0                    | 0     | 0               | 0       | 0                     | 0     | 0               | 0       | 0                    | 0     | 0               | 0       |
| Totaal                          | 42000                    | 5960 | 35.4            | 5.67    | 10300                | 1940  | 13.5            | 3.57    | 47000                | 7100  | 63              | 7.97    | 3500                  | 590   | 2.9             | 1       | 5800                 | 880   | 11.7            | 4.34    |

\*\*\*\*\* : dichtheid  
biomassa

tussen 0 en 0.03

tussen 0 en 0.0003

**Tabel 4.** Gemiddelde dichtheid (ind/m<sup>2</sup>) en biomassa (gAFDW/m<sup>2</sup>) ± standaardfout (Najaar 2002).

| Rasi<br>Lokatie                 | Hooge Springer<br>903 |      |          |        | Hooge Springer<br>904 |     |          |         | Hooge platen<br>922 |       |          |         | Hooge platen<br>923 |      |          |         | Hooge platen<br>924 |      |          |         |
|---------------------------------|-----------------------|------|----------|--------|-----------------------|-----|----------|---------|---------------------|-------|----------|---------|---------------------|------|----------|---------|---------------------|------|----------|---------|
|                                 | dichtheid             |      | biomassa |        | dichtheid             |     | biomassa |         | dichtheid           |       | biomassa |         | dichtheid           |      | biomassa |         | dichtheid           |      | biomassa |         |
| Latijnse naam                   | gem                   | se   | gem      | se     | gem                   | se  | gem      | se      | gem                 | se    | gem      | se      | gem                 | se   | gem      | se      | gem                 | se   | gem      | se      |
| Abra                            | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Abra alba                       | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Achelia echinata                | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Anatides                        | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 40                  | 42   | 0.014    | 0.0141  |
| Anatides mucosa                 | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 40                  | 42   | 0.014    | 0.0135  | 170                 | 130  | 0.29     | 0.214   |
| Aphelochaeta marioni            | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 40                  | 42    | *****    | *****   | 42000               | 3200 | 1.95     | 0.185   | 24000               | 5300 | 0.96     | 0.213   |
| Arenicola marina                | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 34                  | 13.87 | 4.9      | 3.15    | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Bathyporeia                     | 960                   | 252  | 0.027    | 0.0076 | 210                   | 79  | 0.003    | 0.00205 | 0                   | 0     | 0        | 0       | 40                  | 42   | *****    | *****   | 0                   | 0    | 0        | 0       |
| Bathyporeia pilosa              | 3600                  | 890  | 0.65     | 0.154  | 40                    | 42  | 0.008    | 0.0075  | 40                  | 42    | 0.011    | 0.0106  | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Bathyporeia sarsi               | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Bembidion laterale              | 210                   | 133  | 0.06     | 0.037  | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Capitella capitata              | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 170                 | 96    | 0.021    | 0.0153  | 80                  | 57   | 0.005    | 0.0032  | 0                   | 0    | 0        | 0       |
| Carcinus maenas                 | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 2.8                 | 2.83 | 0.027    | 0.0266  | 0                   | 0    | 0        | 0       |
| Cerastoderma edule              | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 17                  | 14.29 | 0.12     | 0.111   | 190                 | 99   | 2.3      | 1.38    | 2.8                 | 2.83 | 0.0027   | 0.0027  |
| Corophium                       | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 1340                | 237   | 0.086    | 0.0161  | 40                  | 42   | 0.002    | 0.00201 | 340                 | 135  | 0.022    | 0.0108  |
| Corophium arenarium             | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 40                  | 42    | 0.007    | 0.0065  | 40                  | 42   | 0.013    | 0.0126  | 0                   | 0    | 0        | 0       |
| Corophium lacustre              | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Corophium volutator             | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Crangon crangon                 | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 5.7                 | 5.66  | 0.013    | 0.0131  | 30                  | 31   | 0.04     | 0.035   | 8.5                 | 4.64 | 0.0024   | 0.00153 |
| CUMACEA                         | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Cumopsis goodsiri               | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Cyathura carinata               | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| DECAPODA                        | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Eteone                          | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 2.8                 | 2.83 | *****    | *****   | 0                   | 0    | 0        | 0       |
| Eteone flava                    | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 80                  | 57    | 0.034    | 0.0235  | 80                  | 57   | *****    | *****   | 0                   | 0    | 0        | 0       |
| Eurydice pulchra                | 253                   | 82   | 0.06     | 0.033  | 0                     | 0   | 0        | 0       | 40                  | 42    | 0.04     | 0.037   | 0                   | 0    | 0        | 0       | 40                  | 42   | 0.029    | 0.0293  |
| GAMMARIDEA                      | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Gastrosaccus spinifer           | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Heteromastus filiformis         | 40                    | 42   | 0.007    | 0.0074 | 0                     | 0   | 0        | 0       | 960                 | 135   | 2.4      | 0.5     | 420                 | 146  | 0.9      | 0.33    | 340                 | 104  | 1        | 0.39    |
| Hydrella ulvae                  | 40                    | 42   | 0.004    | 0.0039 | 0                     | 0   | 0        | 0       | 130                 | 91    | 0.15     | 0.104   | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Macoma balthica                 | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 1120                | 135   | 6        | 1.28    | 830                 | 178  | 6        | 2       | 190                 | 74   | 0.9      | 0.36    |
| Malacocephalus                  | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 340                 | 149   | 0.025    | 0.0163  | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Malacocephalus fuliginosus      | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 210                 | 133   | 0.026    | 0.0154  | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Microphthalmus szelkowi         | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 40                  | 42   | *****    | *****   | 0                   | 0    | 0        | 0       |
| Mya arenaria                    | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Myrella bidentata               | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Mytilus edulis                  | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 30                  | 31   | 0.0004   | 0.00036 |
| NEMERTEA                        | 750                   | 239  | 0.26     | 0.092  | 40                    | 42  | 0.008    | 0.0077  | 80                  | 84    | 0.014    | 0.0135  | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Neomysis integer                | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Nephtys                         | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Nephtys hombergii               | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 8.5                 | 4.64 | 0.1      | 0.054   | 70                  | 43   | 1.3      | 0.78    |
| Nereis                          | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 360                 | 112   | 0.17     | 0.107   | 30                  | 31   | 0.005    | 0.0049  | 0                   | 0    | 0        | 0       |
| Nereis diversicolor             | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 31.1                | 18.59 | 0.3      | 0.186   | 2.8                 | 2.63 | 0.0028   | 0.00278 | 40                  | 31   | 0.07     | 0.054   |
| Nereis succinea                 | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Nereis virens                   | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| OLIGOCHAETA                     | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 5000                | 670   | 0.54     | 0.079   | 630                 | 238  | 0.007    | 0.0046  | 500                 | 214  | 0.032    | 0.0208  |
| Onbekende soort/Species unknown | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Parapleustes bicuspid           | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| PELECYPODA                      | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 40                  | 42    | 2.1      | 2.1     | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| POLYCHAETA                      | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Polydora                        | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 130                 | 67   | 0.03     | 0.0236  | 0                   | 0    | 0        | 0       |
| Polydora cornuta                | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 210                 | 109  | 0.043    | 0.0228  | 0                   | 0    | 0        | 0       |
| Psammodrillus balanoglossoides  | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Pygospio elegans                | 170                   | 74   | 0.005    | 0.0046 | 0                     | 0   | 0        | 0       | 7100                | 1210  | 1.13     | 0.186   | 5000                | 1020 | 0.54     | 0.126   | 1300                | 480  | 0.19     | 0.072   |
| Retusa obtusa                   | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Scoelelepis                     | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Scoelelepis squamata            | 60                    | 43   | 0.013    | 0.0088 | 100                   | 51  | 0.13     | 0.06    | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Scoloplos armiger               | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 130                 | 67   | 0.07     | 0.057   | 500                 | 186  | 0.32     | 0.146   |
| Scrobicularia plana             | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Spio                            | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 40                  | 42   | 0.008    | 0.0078  |
| Spio martinensis                | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 80                  | 84   | 0.015    | 0.0152  | 210                 | 146  | 0.021    | 0.0141  |
| Spionidae                       | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Streblospio shrubsolii          | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 40                  | 42   | *****    | *****   | 0                   | 0    | 0        | 0       |
| TELLINACEA                      | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 2.8                 | 2.83  | 0.0017   | 0.00174 | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Urothoe                         | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 40                  | 42   | 0.0015   | 0.00151 |
| Urothoe poseidonis              | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 40                  | 42   | 0.017    | 0.0171  |
| Venerupis senegalensis          | 0                     | 0    | 0        | 0      | 0                     | 0   | 0        | 0       | 0                   | 0     | 0        | 0       | 0                   | 0    | 0        | 0       | 0                   | 0    | 0        | 0       |
| Totaal                          | 8100                  | 1120 | 1.44     | 0.215  | 790                   | 160 | 0.29     | 0.103   | 17200               | 2630  | 1.8      | 4.21    | 51000               | 7600 | 12.1     | 2.38    | 31000               | 7400 | 5.8      | 1.23    |

\*\*\*\*\* : dichtheid tussen 0 en 0.03  
biomassa tussen 0 en 0.0003

Tabel 5.

Gemiddelde dichtheid  $\pm$  standaardfout (ind./m<sup>2</sup>) per waargenomen soort in het gebied Centr./West. deel plot 4 van het Westerschelde in het Najaar 2001, per dieptestratum en over het gehele plot

| Dieptestratum                             | -1 t/m 2 m       | 2 t/m 5 m     | 5 t/m 8 m      | 8 t/m 100 m  | Totaal          |
|-------------------------------------------|------------------|---------------|----------------|--------------|-----------------|
| Oppervlakte (km <sup>2</sup> )            | 6.79             | 2.28          | 2.80           | 12.99        | 24.86           |
|                                           | gem se           | gem se        | gem se         | gem se       | gem se          |
| <i>Abra alba</i>                          | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Abra nitida</i>                        | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Abra tenuis</i>                        | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Anatides mucosa</i>                    | 50 50            | 0 0           | 0 0            | 0 0          | 14 13.7         |
| <i>Angulus tenuis</i>                     | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Aphelochaeta marioni</i>               | 14 9.2           | 0 0           | 0 0            | 0 0          | 3.7 2.51        |
| <i>Arenicola marina</i>                   | 14 8.6           | 0 0           | 0 0            | 0 0          | 3.8 2.35        |
| <i>Barnea candida</i>                     | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Bathyporeia</i>                        | 100 67           | 0 0           | 0 0            | 0 0          | 27 18.2         |
| <i>Bathyporeia pilosa</i>                 | 480 200          | 0 0           | 0 0            | 0 0          | 130 55          |
| <i>Bathyporeia sarai</i>                  | 130 56           | 0 0           | 0 0            | 13 13.3      | 43 16.7         |
| <i>Capitella capitata</i>                 | 30 11.8          | 0 0           | 0 0            | 0 0          | 8 3.2           |
| <i>Carcinus maenas</i>                    | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Caridea</i>                            | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Cerastoderma edule</i>                 | 50 33            | 13 13.3       | 0 0            | 0 0          | 16 9.2          |
| <i>Corophium</i>                          | 40 37            | 0 0           | 0 0            | 0 0          | 10 10.0         |
| <i>Corophium arenarium</i>                | 900 380          | 0 0           | 0 0            | 0 0          | 240 104         |
| <i>Corophium volutator</i>                | 280 274          | 0 0           | 0 0            | 0 0          | 80 75           |
| <i>Crangon crangon</i>                    | 8 5.2            | 0 0           | 0 0            | 0 0          | 2.1 1.41        |
| <i>Crepidula fornicata</i>                | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Decapoda</i>                           | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Ensis</i>                              | 15 9.9           | 0 0           | 27 26.7        | 0 0          | 7 4.0           |
| <i>Ensis arcuatus</i> var. <i>directa</i> | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Eteone</i>                             | 120 45           | 13 13.3       | 0 0            | 0 0          | 35 12.3         |
| <i>Eteone flava</i>                       | 40 31            | 0 0           | 0 0            | 0 0          | 10 8.5          |
| <i>Fabulina fabula</i>                    | 1.4 1.42         | 0 0           | 0 0            | 0 0          | .4 .39          |
| <i>Gastrosaccus spinifer</i>              | 0 0              | 13 13.3       | 0 0            | 70 52        | 36 27.0         |
| <i>Heteromastus filiformis</i>            | 1100 690         | 27 16.3       | 130 87         | 0 0          | 330 189         |
| <i>Hydrobia ulvae</i>                     | 140 53           | 0 0           | 0 0            | 0 0          | 37 14.6         |
| <i>Macoma balthica</i>                    | 740 255          | 120 57        | 0 0            | 0 0          | 210 70          |
| <i>Mesopodopsis slabberi</i>              | 0 0              | 0 0           | 13 13.3        | 0 0          | 1.5 1.50        |
| <i>Mya arenaria</i>                       | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Myrella bidentata</i>                  | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Myriidae</i>                           | 0 0              | 0 0           | 13 13.3        | 13 13.3      | 8 7.1           |
| <i>Mytilus edulis</i>                     | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Nemertea</i>                           | 21 21.0          | 0 0           | 0 0            | 0 0          | 6 5.7           |
| <i>Nephtys</i>                            | *****            | 0 0           | 40 40          | 0 0          | 4 4.5           |
| <i>Nephtys caeca</i>                      | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Nephtys cirrosa</i>                    | *****            | 0 0           | 40 26.7        | 0 0          | 4.5 3.00        |
| <i>Nephtys hombergii</i>                  | 3.3 1.63         | 0 0           | 0 0            | 0 0          | .9 .45          |
| <i>Nereis</i>                             | 10 8.3           | 0 0           | 0 0            | 0 0          | 2.7 2.25        |
| <i>Nereis diversicolor</i>                | 10 8.3           | 0 0           | 0 0            | 0 0          | 2.7 2.25        |
| <i>Nereis succinea</i>                    | 10 8.3           | 0 0           | 0 0            | 0 0          | 2.7 2.25        |
| <i>Nereis virens</i>                      | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Oligochaeta</i>                        | 33 25.2          | 0 0           | 0 0            | 0 0          | 9 6.9           |
| <i>Polycypoda</i>                         | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Polidora pholadiformis</i>             | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Pygospio elegans</i>                   | 4900 2550        | 0 0           | 0 0            | 0 0          | 1300 700        |
| <i>Retusa obtusa</i>                      | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Scolecopsis</i>                        | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Scolecopsis bonnieri</i>               | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Scolecopsis squamata</i>               | 1.4 1.42         | 0 0           | 0 0            | 0 0          | .4 .39          |
| <i>Scoloplos armiger</i>                  | 67 25.8          | 13 13.3       | 13 13.3        | 0 0          | 21 7.3          |
| <i>Scrobicularia plana</i>                | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Spio martinensis</i>                   | 19 12.4          | 40 40         | 0 0            | 0 0          | 9 5.0           |
| <i>Spisula elliptica</i>                  | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Spisula subtruncata</i>                | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Streblospio shrubsolii</i>             | 8 8.3            | 0 0           | 0 0            | 0 0          | 2.3 2.28        |
| <i>Tellinacea</i>                         | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <i>Tellininae</i> (tellina)               | *****            | 0 0           | 0 0            | 0 0          | *****           |
| <b>Totaal</b>                             | <b>9400 2870</b> | <b>240 98</b> | <b>280 116</b> | <b>90 62</b> | <b>2700 790</b> |

Tabel 6.

Gemiddelde biomassa  $\pm$  standaardfout (g adw/m<sup>2</sup>) per waargenomen soort in het gebied Centr./West. deel plot 4 van het Westerschelde in het Najaar 2001, per dieptestratum en over het gehele plot.

| Dieptestratum                             | -1 t/m 2 m |        | 2 t/m 5 m |        | 5 t/m 8 m |        | 8 t/m 100 m |        | Totaal |         |
|-------------------------------------------|------------|--------|-----------|--------|-----------|--------|-------------|--------|--------|---------|
| Oppervlakte (km <sup>2</sup> )            | 6.79       |        | 2.28      |        | 2.80      |        | 12.99       |        | 24.86  |         |
|                                           | gem        | se     | gem       | se     | gem       | se     | gem         | se     | gem    | se      |
| <i>Abra alba</i>                          | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Abra nitida</i>                        | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Abra tenuis</i>                        | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Anatides mucosa</i>                    | .04        | .045   | 0         | 0      | 0         | 0      | 0           | 0      | .012   | .0123   |
| <i>Angulus tenuis</i>                     | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Aphelochaeta marioni</i>               | .0011      | .00099 | 0         | 0      | 0         | 0      | 0           | 0      | .00031 | .000270 |
| <i>Arenicola marina</i>                   | .7         | .41    | 0         | 0      | 0         | 0      | 0           | 0      | .20    | .112    |
| <i>Barnea candida</i>                     | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Bathyporeia</i>                        | .005       | .0035  | 0         | 0      | 0         | 0      | 0           | 0      | .0013  | .00096  |
| <i>Bathyporeia pilosa</i>                 | .11        | .044   | 0         | 0      | 0         | 0      | 0           | 0      | .031   | .0121   |
| <i>Bathyporeia sarsi</i>                  | .07        | .033   | 0         | 0      | 0         | 0      | .0026       | .00256 | .020   | .0091   |
| <i>Capitella capitata</i>                 | .0036      | .00189 | 0         | 0      | 0         | 0      | 0           | 0      | .0010  | .00052  |
| <i>Carcinus maenas</i>                    | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Caridea</i>                            | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Cerastoderma edule</i>                 | 1.6        | 1.25   | .0019     | .00190 | 0         | 0      | 0           | 0      | .4     | .34     |
| <i>Corophium</i>                          | .0005      | .00050 | 0         | 0      | 0         | 0      | 0           | 0      | .00014 | .000137 |
| <i>Corophium arenarium</i>                | .24        | .101   | 0         | 0      | 0         | 0      | 0           | 0      | .065   | .0277   |
| <i>Corophium volutator</i>                | .05        | .046   | 0         | 0      | 0         | 0      | 0           | 0      | .013   | .0126   |
| <i>Crangon crangon</i>                    | .023       | .0215  | 0         | 0      | 0         | 0      | 0           | 0      | .006   | .0059   |
| <i>Crepidula fornicata</i>                | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Decapoda</i>                           | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Ensis</i>                              | .08        | .052   | 0         | 0      | .07       | .067   | 0           | 0      | .028   | .0160   |
| <i>Ensis arcuatus</i> var. <i>directa</i> | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Eteone</i>                             | .07        | .031   | .0009     | .00090 | 0         | 0      | 0           | 0      | .019   | .0085   |
| <i>Eteone flava</i>                       | .03        | .031   | 0         | 0      | 0         | 0      | 0           | 0      | .009   | .0086   |
| <i>Fabulina fabula</i>                    | .017       | .0173  | 0         | 0      | 0         | 0      | 0           | 0      | .005   | .0047   |
| <i>Gastrosaccus spinifer</i>              | 0          | 0      | .0006     | .00062 | 0         | 0      | .031        | .0250  | .016   | .0131   |
| <i>Heteromastus filiformis</i>            | 1.5        | 1.41   | .035      | .0291  | .07       | .058   | 0           | 0      | .4     | .38     |
| <i>Hydrobia ulvae</i>                     | .058       | .0273  | 0         | 0      | 0         | 0      | 0           | 0      | .016   | .0075   |
| <i>Macoma balthica</i>                    | 4.2        | 1.37   | .23       | .165   | 0         | 0      | 0           | 0      | 1.2    | .37     |
| <i>Mesopodopsis slabberi</i>              | 0          | 0      | 0         | 0      | .0004     | .00042 | 0           | 0      | .00005 | .000047 |
| <i>Mya arenaria</i>                       | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Myrella bidentata</i>                  | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Mysidacea</i>                          | 0          | 0      | 0         | 0      | .0025     | .00250 | *****       |        | .00029 | .000281 |
| <i>Mytilus edulis</i>                     | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Nemertea</i>                           | .021       | .0211  | 0         | 0      | 0         | 0      | 0           | 0      | .006   | .0058   |
| <i>Nephtys</i>                            | *****      |        | 0         | 0      | .010      | .0097  | 0           | 0      | .0011  | .00109  |
| <i>Nephtys caeca</i>                      | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Nephtys cirrosa</i>                    | *****      |        | 0         | 0      | .7        | .48    | 0           | 0      | .08    | .054    |
| <i>Nephtys hombergii</i>                  | .10        | .075   | 0         | 0      | 0         | 0      | 0           | 0      | .026   | .0205   |
| <i>Nereis</i>                             | .0007      | .00060 | 0         | 0      | 0         | 0      | 0           | 0      | .00020 | .000165 |
| <i>Nereis diversicolor</i>                | .009       | .0088  | 0         | 0      | 0         | 0      | 0           | 0      | .0025  | .00242  |
| <i>Nereis succinea</i>                    | .009       | .0064  | 0         | 0      | 0         | 0      | 0           | 0      | .0024  | .00175  |
| <i>Nereis virens</i>                      | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Oligochaeta</i>                        | .009       | .0093  | 0         | 0      | 0         | 0      | 0           | 0      | .0026  | .00255  |
| <i>Pelecypoda</i>                         | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Patricola pholadiformis</i>            | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Pygospio elegans</i>                   | .43        | .204   | 0         | 0      | 0         | 0      | 0           | 0      | .12    | .056    |
| <i>Retusa obtusa</i>                      | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Scolecopsis</i>                        | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Scolecopsis bonnierii</i>              | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Scolecopsis squamata</i>               | .004       | .0037  | 0         | 0      | 0         | 0      | 0           | 0      | .0010  | .00102  |
| <i>Scoloplos armiger</i>                  | .28        | .092   | .020      | .0199  | .19       | .192   | 0           | 0      | .10    | .033    |
| <i>Scrobicularia plana</i>                | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Spio martinensis</i>                   | .0030      | .00196 | .005      | .0047  | 0         | 0      | 0           | 0      | .0012  | .00069  |
| <i>Spisula elliptica</i>                  | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Spisula subtruncata</i>                | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Streblospio shrubsolii</i>             | .0012      | .00119 | 0         | 0      | 0         | 0      | 0           | 0      | .0003  | .00032  |
| <i>Tellinacea</i>                         | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| <i>Tellininae</i> (tellina)               | *****      |        | 0         | 0      | 0         | 0      | 0           | 0      | *****  |         |
| Totaal                                    | 9.6        | 2.25   | .29       | .159   | 1.1       | .49    | .033        | .0275  | 2.8    | .62     |

\*\*\*\*\* , gem. biomassa < 0.00003 gADW/m<sup>2</sup>

**Bijlage 1a** Posities (geografisch) van de "vaste" eulitorale lokaties in de Westerschelde.

| Raai                         | lokatie | NB          | OL           |
|------------------------------|---------|-------------|--------------|
| Nauw van Bath                | 121     | 51° 24' 381 | 004° 12' 046 |
|                              | 122     | 51° 24' 259 | 004° 11' 979 |
|                              | 123     | 51° 24' 150 | 004° 11' 919 |
| Platen van Baarland          | 231     | 51° 23' 362 | 003° 52' 709 |
|                              | 232     | 51° 23' 557 | 003° 52' 408 |
|                              | 233     | 51° 23' 780 | 003° 52' 492 |
| Middelplaten                 | 241     | 51° 21' 762 | 003° 47' 848 |
|                              | 242     | 51° 22' 082 | 003° 48' 076 |
|                              | 243     | 51° 22' 279 | 003° 48' 217 |
| Slikken van Waarde           | 404     | 51° 24' 243 | 004° 05' 901 |
|                              | 405     | 51° 24' 193 | 004° 05' 871 |
|                              | 406     | 51° 24' 167 | 004° 05' 855 |
| Platen van Hulst             | 411     | 51° 22' 497 | 003° 57' 701 |
|                              | 433     | 51° 22' 593 | 003° 57' 492 |
|                              | 501     | 51° 22' 037 | 003° 56' 530 |
|                              | 502     | 51° 22' 083 | 003° 56' 466 |
|                              | 503     | 51° 22' 138 | 003° 56' 397 |
| Platen van Valkenisse Oost   | 541     | 51° 23' 283 | 004° 08' 105 |
|                              | 543     | 51° 23' 590 | 004° 08' 290 |
| Baalhoek                     | 551     | 51° 22' 139 | 004° 03' 075 |
|                              | 552     | 51° 22' 189 | 004° 03' 110 |
|                              | 553     | 51° 22' 240 | 004° 03' 147 |
|                              | 554     | 51° 22' 302 | 004° 03' 191 |
| Verdronken land v.Saefthinge | 571     | 51° 22' 291 | 004° 09' 816 |
|                              | 572     | 51° 22' 430 | 004° 09' 743 |
|                              | 573     | 51° 22' 496 | 004° 09' 708 |
| Verdronken land v.Saef. Oost | 591     | 51° 22' 143 | 004° 12' 910 |
|                              | 592     | 51° 22' 142 | 004° 12' 945 |
|                              | 593     | 51° 22' 142 | 004° 12' 975 |
| Pas van Terneuzen            | 611     | 51° 20' 280 | 003° 52' 057 |
|                              | 622     | 51° 20' 328 | 003° 52' 013 |
| Paulinapolder                | 711     | 51° 21' 060 | 003° 43' 924 |
|                              | 722     | 51° 21' 145 | 003° 43' 921 |
| Hoge Springer                | 901     | 51° 23' 024 | 003° 42' 016 |
|                              | 902     | 51° 23' 057 | 003° 42' 110 |
|                              | 903     | 51° 23' 103 | 003° 42' 214 |
|                              | 904     | 51° 23' 116 | 003° 42' 279 |
| Hooge Platen                 | 922     | 51° 23' 508 | 003° 38' 741 |
|                              | 923     | 51° 24' 034 | 003° 38' 970 |
|                              | 924     | 51° 24' 114 | 003° 39' 005 |

**Bijlage 1b** Posities van de bemonsterde lokaties in plot 4 in de Westerschelde in het Voor- en najaar

| Voorjaar<br>Dieptestratum<br>lokatie | NB         | OL        |
|--------------------------------------|------------|-----------|
| eulitoraal                           |            |           |
| 1231                                 | 51° 21' 35 | 3° 48' 49 |
| 1232                                 | 51° 22' 12 | 3° 47' 32 |
| 1233                                 | 51° 21' 26 | 3° 50' 50 |
| 1234                                 | 51° 21' 58 | 3° 48' 01 |
| 1235                                 | 51° 21' 40 | 3° 49' 07 |
| -2 tot -5 m                          |            |           |
| 1201                                 | 51° 21' 18 | 3° 49' 08 |
| 1202                                 | 51° 21' 41 | 3° 48' 23 |
| 1203                                 | 51° 21' 36 | 3° 48' 50 |
| 1204                                 | 51° 21' 00 | 3° 50' 34 |
| 1205                                 | 51° 22' 12 | 3° 49' 43 |
| -5 tot -8 m                          |            |           |
| 1211                                 | 51° 22' 57 | 3° 49' 52 |
| 1212                                 | 51° 21' 06 | 3° 49' 09 |
| 1213                                 | 51° 22' 01 | 3° 49' 45 |
| 1214                                 | 51° 21' 35 | 3° 51' 09 |
| 1215                                 | 51° 22' 27 | 3° 48' 06 |
| dieper dan -8m                       |            |           |
| 1221                                 | 51° 22' 11 | 3° 48' 15 |
| 1222                                 | 51° 23' 26 | 3° 49' 57 |
| 1223                                 | 51° 20' 58 | 3° 51' 11 |
| 1224                                 | 51° 20' 52 | 3° 48' 20 |
| 1225                                 | 51° 20' 53 | 3° 49' 55 |
| Najaar<br>Dieptestratum<br>lokatie   | NB         | OL        |
| eulitoraal                           |            |           |
| 1231                                 | 51° 21' 28 | 3° 50' 38 |
| 1232                                 | 51° 20' 57 | 3° 47' 13 |
| 1233                                 | 51° 21' 30 | 3° 48' 15 |
| 1234                                 | 51° 20' 31 | 3° 48' 12 |
| 1235                                 | 51° 22' 51 | 3° 48' 37 |
| -2 tot -5 m                          |            |           |
| 1201                                 | 51° 21' 12 | 3° 49' 11 |
| 1202                                 | 51° 21' 05 | 3° 49' 02 |
| 1203                                 | 51° 22' 18 | 3° 50' 48 |
| 1204                                 | 51° 22' 55 | 3° 50' 52 |
| 1205                                 | 51° 20' 07 | 3° 50' 37 |
| -5 tot -8 m                          |            |           |
| 1211                                 | 51° 21' 50 | 3° 47' 33 |
| 1212                                 | 51° 23' 23 | 3° 50' 13 |
| 1213                                 | 51° 22' 42 | 3° 50' 41 |
| 1214                                 | 51° 22' 19 | 3° 49' 46 |
| 1215                                 | 51° 22' 24 | 3° 49' 45 |
| dieper dan -8m                       |            |           |
| 1221                                 | 51° 22' 52 | 3° 51' 17 |
| 1222                                 | 51° 23' 45 | 3° 48' 26 |
| 1223                                 | 51° 22' 11 | 3° 50' 59 |
| 1224                                 | 51° 20' 59 | 3° 50' 29 |
| 1225                                 | 51° 21' 59 | 3° 46' 14 |

## Bijlage 2 Lengte-gewicht regressies voor- en najaar.

### Voorjaar

| Soort                      | Constante | Coefficient | Aantal | Project       | Campagne      |
|----------------------------|-----------|-------------|--------|---------------|---------------|
| <i>Carcinus maenas</i>     | 0.0157    | 3.2398      | 9      | Biomon        | Voorjaar 1999 |
| <i>Cerastoderma edule</i>  | 0.0226    | 2.6266      | 45     | Verdieping WS | Voorjaar 2002 |
| <i>Macoma balthica</i>     | 0.0326    | 2.4288      | 37     | Verdieping WS | Voorjaar 2000 |
| <i>Mya arenaria</i>        | 0.0096    | 2.7901      | 210    | Biomon        | Voorjaar 2002 |
| <i>Scrobicularia plana</i> | 0.0024    | 3.1263      | 16     | Verdieping WS | Voorjaar 1999 |

Formule:  $W = aL^b$  (waarbij:  $W$  = Asvrijdrooggewicht in mg,  $L$  = lengte in mm,  $a$ =constante,  $b$ =coefficient)

### Najaar

| Soort                         | Constante | Coefficient | Aantal | Project       | Campagne      |
|-------------------------------|-----------|-------------|--------|---------------|---------------|
| <i>Abra alba</i>              | 192       | 2489        | 65     | Maasvlakte 2  | Najaar 2002   |
| <i>Carcinus maenas</i>        | 232       | 30848       | 20     | Biomon        | Najaar 1997   |
| <i>Cerastoderma edule</i>     | 44        | 33326       | 77     | Verdieping WS | Najaar 2002   |
| <i>Crassostrea</i>            | 11        | 31942       | 7      | Biomon        | Najaar 2001   |
| <i>Crepidula fornicata</i>    | 57        | 30122       | 103    | Biomon        | Najaar 2002   |
| <i>Ensis</i>                  | 22        | 2709        | 39     | Biomon        | Najaar 2001   |
| <i>Macoma balthica</i>        | 202       | 27423       | 202    | Verdieping WS | Najaar 2002   |
| <i>Mya arenaria</i>           | 124       | 26451       | 213    | Biomon        | Najaar 2002   |
| <i>Mytilus edulis</i>         | 112       | 26562       | 103    | Biomon        | Najaar 2001   |
| <i>Scrobicularia plana</i>    | 42        | 29811       | 10     | Verdieping WS | Najaar 2002   |
| TELLINACEA                    | 122       | 25679       |        | Biomon        | Voorjaar 1995 |
| <i>Venerupis senegalensis</i> | 92        | 30227       | 9      | Biomon        | Najaar 1995   |

Formule:  $W = aL^b$  (waarbij:  $W$  = Asvrijdrooggewicht in mg,  $L$  = lengte in mm,  $a$ =constante,  $b$ =coefficient)

**Bijlage 3** Conversiefactoren natgewicht-asvrijdrooggewicht per groep, toegepast voor de macro-benthische soorten van het project verdieping Westerschelde.

| Phylum     | GROEPSNAAM    | Latijnse naam           | ADW/WW<br>VOORJAAR | ADW/WW<br>NAJAAR |
|------------|---------------|-------------------------|--------------------|------------------|
| Annelida   | Arenicolidae  | Arenicola marina        | 0,100              | 0,094            |
| Annelida   | Capitellidae  | Capitella capitata      | 0,121              | 0,111            |
| Annelida   | Capitellidae  | Heteromastus filiformis | 0,121              | 0,111            |
| Annelida   | Cirratulidae  | Tharyx marioni          | 0,126              | 0,066            |
| Annelida   | Glyceridae    | Glycera tridactyla      | 0,136              | 0,130            |
| Annelida   | Magelonidae   | Magelona papillicornis  | 0,146              | 0,144            |
| Annelida   | Nephtyidae    | Nephtys                 | 0,136              | 0,130            |
| Annelida   | Nephtyidae    | Nephtys cirrosa         | 0,136              | 0,130            |
| Annelida   | Nephtyidae    | Nephtys hombergii       | 0,136              | 0,130            |
| Annelida   | Nereis        | Nereis                  | 0,121              | 0,092            |
| Annelida   | Nereis        | Nereis diversicolor     | 0,121              | 0,092            |
| Annelida   | Nereis        | Nereis succinea         | 0,121              | 0,092            |
| Annelida   | Nereis virens | Nereis virens           | 0,121              | 0,115            |
| Annelida   | Oligochaeta   | OLIGOCHAETA             | 0,111              | 0,133            |
| Annelida   | Orbiniidae    | Scoloplos armiger       | 0,128              | 0,121            |
| Annelida   | Phyllodocidae | Anaitides               | 0,139              | 0,135            |
| Annelida   | Phyllodocidae | Anaitides mucosa        | 0,139              | 0,135            |
| Annelida   | Phyllodocidae | Eteone                  | 0,139              | 0,135            |
| Annelida   | Phyllodocidae | Eulalia viridis         | 0,139              | 0,135            |
| Annelida   | Phyllodocidae | Eumida                  | 0,139              | 0,135            |
| Annelida   | Polynoidae    | Harmothoe               | 0,161              | 0,154            |
| Annelida   | Polynoidae    | Harmothoe impar         | 0,161              | 0,154            |
| Annelida   | Sabellidae    | Manayunkia aestuarina   | 0,114              | 0,097            |
| Annelida   | Sigalionidae  | Pholoe minuta           | 0,149              | 0,131            |
| Annelida   | Spionidae     | Malacoceros             | 0,130              | 0,110            |
| Annelida   | Spionidae     | Marenzelleria viridis   | 0,130              | 0,110            |
| Annelida   | Spionidae     | Polydora                | 0,130              | 0,110            |
| Annelida   | Spionidae     | Polydora ligni          | 0,130              | 0,110            |
| Annelida   | Spionidae     | Pygospio elegans        | 0,130              | 0,110            |
| Annelida   | Spionidae     | Scoelelepis             | 0,130              | 0,110            |
| Annelida   | Spionidae     | Scoelelepis squamata    | 0,130              | 0,110            |
| Annelida   | Spionidae     | Spio martinensis        | 0,130              | 0,110            |
| Annelida   | Spionidae     | Streblospio shrubsolii  | 0,130              | 0,110            |
| Annelida   | Syllidae      | Syllis gracilis         | 0,131              | 0,131            |
| Annelida   | Terebellidae  | Lanice conchilega       | 0,092              | 0,097            |
| Annelida   | Terebellidae  | Neoamphitrite figulus   | 0,092              | 0,097            |
| Annelida   | Terebellidae  | TEREBELLOMORPHA         | 0,092              | 0,097            |
| Arthropoda | ?             | Bembidion laterale      | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Bathyporeia             | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Bathyporeia pelagica    | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Bathyporeia pilosa      | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Bathyporeia sarsi       | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Corophium               | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Corophium arenarium     | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Corophium insidiosum    | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Corophium volutator     | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Gammaridae              | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Gammarus                | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Gammarus locusta        | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Haustorius arenarius    | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Melita                  | 0,129              | 0,120            |
| Arthropoda | Amphipoda     | Pontocrates altamarinus | 0,129              | 0,120            |
| Arthropoda | Brachyura     | BRACHYURA               | 0,120              | 0,120            |
| Arthropoda | Brachyura     | Carcinus maenas         | 0,120              | 0,120            |
| Arthropoda | Cumacea       | CUMACEA                 | 0,131              | 0,120            |
| Arthropoda | Cumacea       | Cumopsis goodsiri       | 0,131              | 0,120            |
| Arthropoda | Isopoda       | Cyathura carinata       | 0,132              | 0,119            |
| Arthropoda | Isopoda       | Eurydice pulchra        | 0,132              | 0,119            |
| Arthropoda | Mysidacea     | MYSIDACEA               | 0,142              | 0,156            |
| Arthropoda | Mysidacea     | Neomysis integer        | 0,142              | 0,156            |
| Arthropoda | Natantia      | Crangon crangon         | 0,129              | 0,131            |

| Phylum        | GROEPSNAAM    | Latijnse naam           | ADW/WW<br>VOORJAAR | ADW/WW<br>NAJAAR |
|---------------|---------------|-------------------------|--------------------|------------------|
| Cnidaria      | Actiniaria    | ACTINIARIA              | 0,142              | 0,138            |
| Echinodermata | Asteriidae    | Asterias rubens         | 0,076              | 0,110            |
| Mollusca      | Bivalvia      | BIVALVIA                | 0,056              | 0,056            |
| Mollusca      | Calyptraeidae | Crepidula fornicata     | 0,047              | 0,047            |
| Mollusca      | Cardiidae     | Cerastoderma edule      | 0,049              | 0,049            |
| Mollusca      | Hydrobiidae   | Hydrobia ulvae          | 0,097              | 0,084            |
| Mollusca      | Littorinidae  | Littorina littorea      | 0,067              | 0,051            |
| Mollusca      | Macoma        | Macoma balthica         | 0,043              | 0,056            |
| Mollusca      | Mactridae     | Spisula subtruncata     | 0,060              | 0,060            |
| Mollusca      | Montacutidae  | Mysella bidentata       | 0,076              | 0,074            |
| Mollusca      | Myacidae      | Mya arenaria            | 0,048              | 0,054            |
| Mollusca      | Mytilidae     | Mytilus edulis          | 0,054              | 0,054            |
| Mollusca      | Ostreidae     | Crassostrea             | 0,035              | 0,035            |
| Mollusca      | Petricolidae  | Petricola pholadiformis | 0,050              | 0,064            |
| Mollusca      | Pholadidae    | Barnea candida          | 0,050              | 0,064            |
| Mollusca      | Retusidae     | Retusa alba             | 0,079              | 0,079            |
| Mollusca      | Scrobicularia | Scrobicularia plana     | 0,043              | 0,043            |
| Mollusca      | Solenidae     | Ensis                   | 0,089              | 0,089            |
| Mollusca      | Tellina       | Tellina tenuis          | 0,056              | 0,056            |
| Mollusca      | Tellina       | TELLINACEA              | 0,056              | 0,056            |
| Nemertea      | Nemertea      | NEMERTEA                | 0,174              | 0,154            |