

FIG. 6.

Zonering van de voornaamste syntaxa langs het Schelde-estuarium en het Oosterschelde-bekken

Elke ingemeten grens is aangegeven met de gemiddelde hoogte t.o.v. NAP. Op de ordinaat is de hoogte t.o.v. de gemiddelde bovengrens van het *Puccinellietum maritimae* uitgezet. De abscis geeft de verschillende terreinen aan, voor het Schelde-estuarium op schaal 1:375.000.

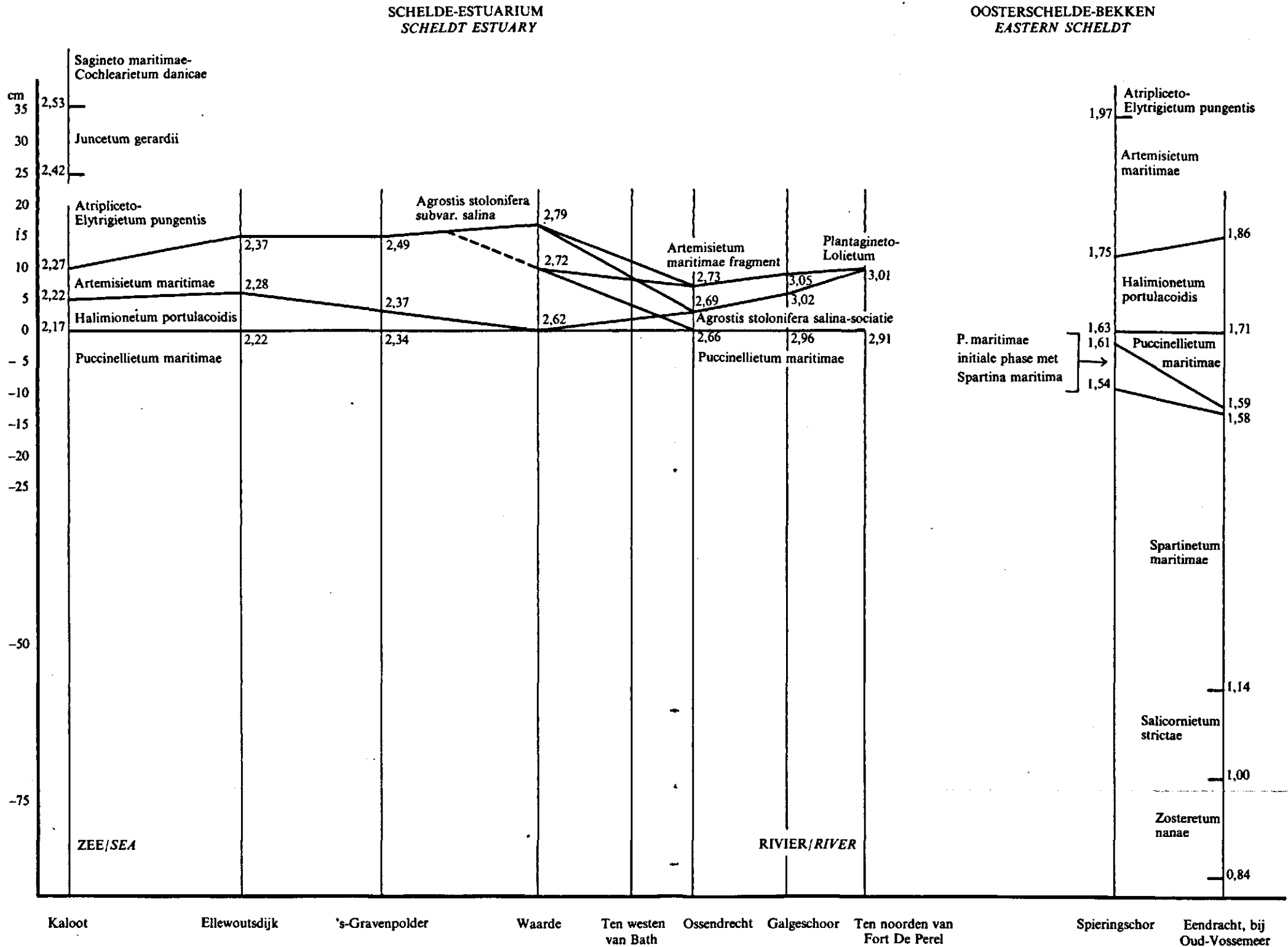


FIG. 6. Zonation of the principal communities along the estuary of the river Scheldt and along the Eastern Scheldt

Each measured boundary-line is indicated by its average level above NAP (Normal Amsterdam Level, Ordnance Datum). Ordinate: level with respect to the average upper limit of the *Puccinellietum maritimae*. Abscis: the localities investigated, for the estuary of the river Scheldt on scale 1:375.000.

TABEL 5.

Overzicht van de voornaamste successiereeksen op de slikken en schorren in ZW-Nederland

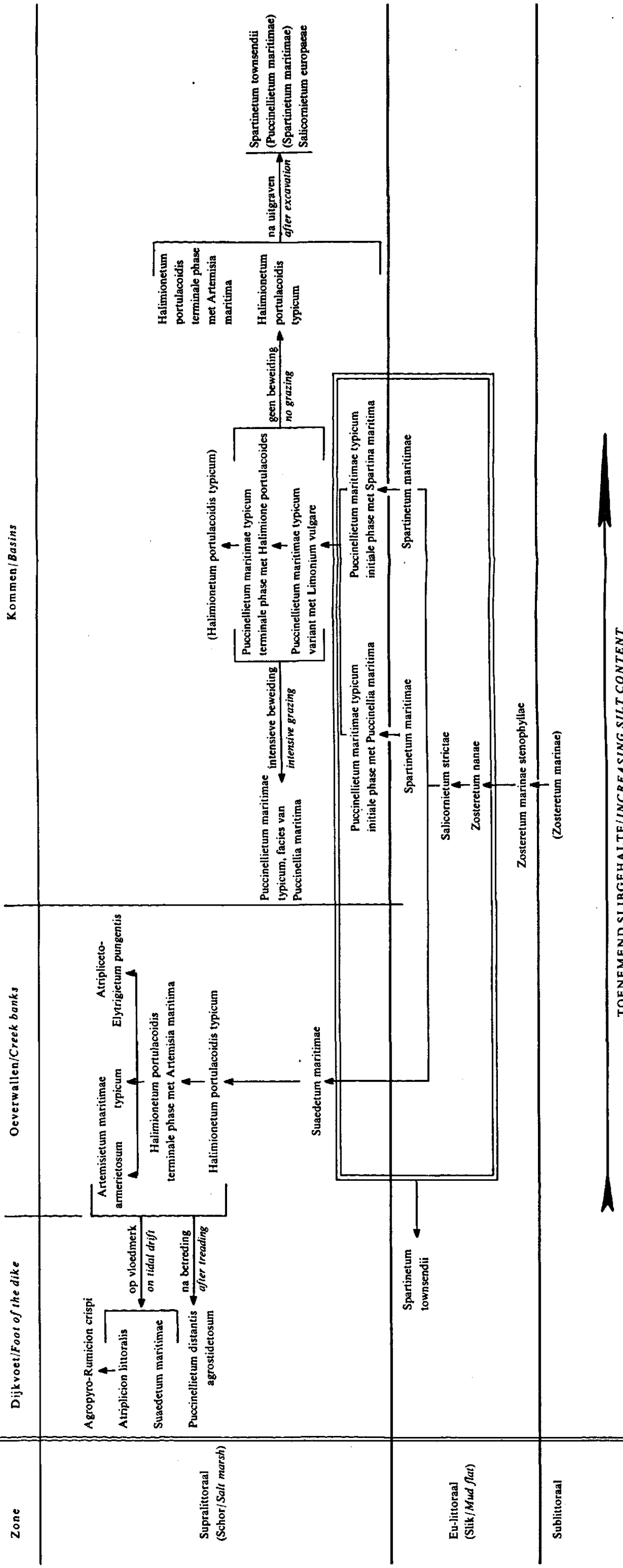


TABLE 5. Survey of the principal succession series on mud flats and salt marshes in the SW-Netherlands

TABEL 6.

Overzicht van de voornaamste successiereeksen op strandvlakten in ZW-Nederland

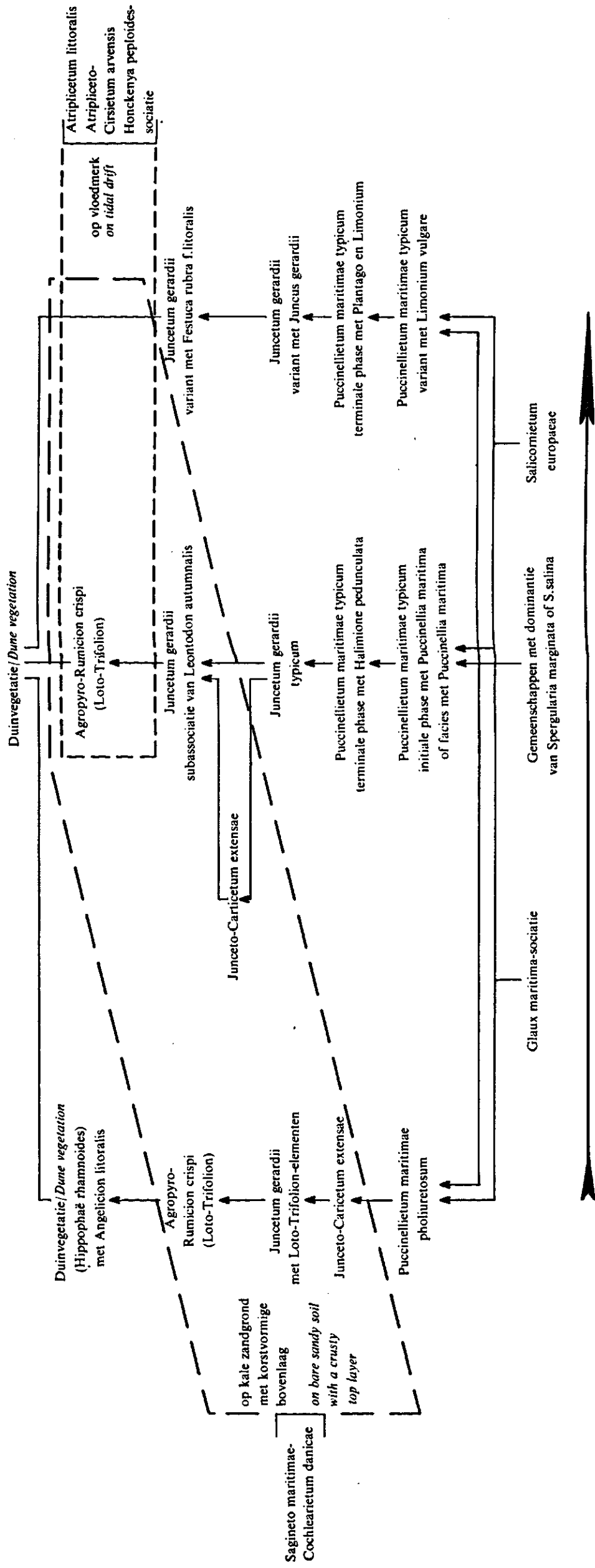


TABLE 6. Survey of the principal succession series on beach plains in the SW-Netherlands

TABEL 7

Overzicht van de geografische verspreiding van de hogere syntaxa, waarin de Europese zoutplantengemeenschappen zijn ingedeeld

| Zone Zone | Arctisch Arctic | A T L A N T I S C H A T L A N T I C | | | C O N T I N E N T A A L C O N T I N E N T A L | | | | M E D I T E R R A A N M E D I T E R R A N E A N | | |
|---|---|--|----------------|---|--|--|------------------------------------|---|---|---|--------------------|
| | | West-Baltisch West-Baltic | Noord North | Centraal Central | Zuid South | M. Duitsland C. Germany | Neusiedler See Lake of Neusiedl | Hongarije Hungary | Roemenië Roumania | W e s t W e s t | O o s t E a s t |
| Sublittoraal en Eu-littoraal Sublittoral and Eu-littoral | | Z O S T E R E T E A | | | | | | | Z O S T E R E T E A | ? | → |
| | | Z O S T E R E T A L I A | | | | | | | Z O S T E R E T A L I A | ? | → |
| | | Z O S T E R I O N | | | | | | | Z O S T E R I O N | POSIDONION | → |
| Eu-littoraal Eu-littoral | | T H E R O - S A L I C O R N I E T E A | | | | | | | | | |
| | | T H E R O - S A L I C O R N I E T A L I A | | | | | | | | | |
| | | T H E R O - S A L I C O R N I O N | | | | | | | | | |
| Eu-littoraal en overgang naar Supralittoraal Eu-littoral and transition to Supralittoral | | S P A R T I N E T E A | | | → | | | | | | |
| | | S P A R T I N E T A L I A | | | → | | | | | | |
| | | S P A R T I N I O N | | | → | | | | | | |
| | | Salicornietum radicantis | | | → | | | | | | |
| | | S A L I C O R N I E T E A F R U T I C O S A E | | | | | | | | | |
| | | S A L I C O R N I E T A L I A F R U T I C O S A E | | | | | | | | | |
| | | S A L I C O R N I O N F R U T I C O S A E | | | | | | | | | |
| | | A S T E R E T E A T R I P O L I U M | | | | | | | | | |
| | CARICETO- PUCCINELLIETALIA | G L A U C E T O - P U C C I N E L L I E T A L I A | | | | P U C C I N E L L I E T A L I A | | | L I M O N I E T A L I A | | |
| | PUCCINELLION PHRYGANODIS | P U C C I N E L L I O N M A R I T I M A E | | | | P U C C I N E L L I O N P E I S O N I S | | E U - S T A T I C I O N | | S U A E D I O N | |
| | | | | | | P U C C I N E L L I O N L I M O S A E | | L I M O N I O N F E R U L A C E I | B R E V I F O L I A E | | |
| | | P U C C I N E L L I O M A R I T I M A E - S P E R G U L A R I O N S A L I N A E | | | | C Y P E R O - S P E R G U L A R I O N S A L I N A E | | | S T A T I C I O N G A L L O P R O V I N C I A L I S | S T A T I C I O N O R I E N T A L E | |
| | | | | | | H A L O S T A C H Y E T A L I A | | | L I M O N I A S T R I O N M O N O P E T A L I | | |
| | | | | | | | | | J U N C E T E A M A R I T I M I | | |
| | | | | | | | | | J U N C E T A L I A M A R I T I M I | | |
| | CARICION GLAREOSAE | A R M E R I O N M A R I T I M A E | | Triglochin maritima- Scorzonera parviflora associatie | | Juncetum gerardi pannonicum pp. Astereto-Triglochinatum pp. | | J U N C I O N M A R I T I M I | | P L A N T A G I N I O N C R A S S I F O L I A E | |
| | | ← | | S A G I N E T E A M A R I T I M A E | | → | | → | | | |
| | | ← | | S A G I N E T A L I A M A R I T I M A E | | → | | → | | | |
| | | ← | | S A G I N I O N M A R I T I M A E | | → | | → | | | |
| | | C A K I L E T E A M A R I T I M A E | | | | | | | | | |
| Supralittoraal Supralittoral | | ← | | | | | | | | | |
| | | ← | | | | | | | | | |
| | | T H E R O - S U A E D E T A L I A | | | | | | | | | |
| | | T H E R O - S U A E D I O N | | | | | | | | | |
| | | C A K I L E T A L I A M A R I T I M A E | | | | | | | | | |
| | | S A L S O L O - H O N C K E N Y O N P E P L O I D I S | | | | | | | | | |
| | | A T R I P L I C I O N L I T T O R A L I S | | | | | | | | | |
| | | → | | | | | | | | | |
| | | ← | | | | | | | | | |
| | | ← | | | | | | | | | |
| | | E U P H O R B I E T A L I A P E P L I S | | | | | | | | | |
| | | E U P H O R B I O N P E P L I S | | | | | | | | | |
| | | P L A N T A G I N E T E A M A I O R I S | | | | | | | | | |
| | | P L A N T A G I N E T A L I A M A I O R I S | | | | | | | | | |
| | | P O L Y G O N I O N A V I C U L A R I S | | | | | | | | | |
| | | " A G R O P Y R O - R U M I C I O N C R I S P I " | | | | | | | P A S P A L O - A G R O S T I D I O N | | |
| | | L O T O - T R I F O L I O N | | | J U N C I O N G E R A R D I p.p. | | | T R I F O L I E T O - C Y N O D O N T I O N | | | |
| | Caricetum mackenzii | ← | | Juncus maritimus- gemeenschappen | | Juncus maritimus- gemeenschappen | | Junceto- Trifolietum | | Junceto- Galietum | |
| | | B E C K M A N N I O N E R U C I F O R M I S | | | | | | | | | |
| | | A R T E M I S I E T E A V U L G A R I S | | | | | | | | | |
| | | C A L Y S T E G I E T A L I A S E P I I | | | | | | | | | |
| | Calamagrostetum neglectae maritimum | A N G E L I C I O N L I T O R A L I S | | | | | | | | | |

Table 7 Survey of the geographical distribution of the higher vegetation units in which the European halophytic communities have been classified

Tabel 8

Puccinellion maritimae (Puccinellietum maritimae en Halimionetum portulacoidis) in ZW-Nederland

| Kolom | Puccinellietum maritimae typicum | | | | | Puccinellietum maritimae pholiuretosum ⁴⁾ | Puccinellietum maritimae agrostidetosum | P. maritimae typicum et agrostidetosum, variant met Aster tripolium | Halimionetum portulacoidis | |
|---|----------------------------------|------------------------------|-------------------------------------|--|--|--|---|---|----------------------------|---------------------------------------|
| | typische vorm | variant met Limonium vulgare | initiale fase met Spartina maritima | terminale fase met Plantago maritima en Limonium vulgare | terminale fase met Halimione pedunculata | | | | typische vorm | terminale fase met Artemisia maritima |
| Kolom | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Aantal opnamen | 124 | 26 | 23 | 9 | 9 | 9 | 45 | 7 | 40 | 41 |
| Kentaxa Puccinellietum maritimae | | | | | | | | | | |
| Puccinellia maritima (preferent) ¹⁾ | 100(2-5) | 96(+5) | 100(2-5) | 100(1-3) | 100(3-5) | 100(1-4) | 100(2-5) | 86(+4) | 92(+2) | 76(+2) |
| Halimione pedunculata | - | - | - | - | 100(+2) | 67(+3) | - | - | - | - |
| Kentaxon Halimionetum portulacoidis | | | | | | | | | | |
| Halimione portulacoidis | 83(+2) | 96(+2) | 39(+1) | 100(+2) | 44(+) | 22(+) | 2(+) | 59(+2) | 100(3-5) | 100(3-5) |
| Kentaxa Puccinellion maritimae | | | | | | | | | | |
| Bostrychia scorpioides | 21(+4) | 42(+5) | 83(+5) | - | - | - | - | - | 37(+4) | 32(+3) |
| Catenella opuntia | 1(2) | 12(+1) | - | - | - | - | - | - | 2(+) | 2(1) |
| Spergularia salina | - | - | - | - | - | 33(+) | 4(+) | - | - | - |
| Differentiërende soortencombinatie | | | | | | | | | | |
| Glauceto-Puccinellietalia | | | | | | | | | | |
| Limonium vulgare | 73(+2) | 100(3-5) | 87(+2) | 100(3-5) | 33(+1) | 22(+) | - | 59(+) | 60(+2) | 63(+1) |
| Spergularia marginata | 73(+2) | 69(+2) | 9(+) | 100(+1) | 100(+1) | 100(+2) | - | 43(+1) | 42(+2) | 37(+1) |
| Kentaxa Asteretea tripolium | | | | | | | | | | |
| Aster tripolium | 98(+2) | 81(+2) | 83(+3) | 67(+2) | 100(+2) | 100(+3) | 82(+2) | 100(3-5) | 97(+2) | 98(+2) |
| Triglochin maritima | 86(+4) | 81(+4) | 78(+3) | 100(+2) | 67(+2) | 22(1-2) | 62(+4) | 29(+1) | 62(+2) | 39(+1) |
| Plantago maritima | 65(+4) | 54(+2) | - | 100(2-3) | 78(+1) | 100(+4) | 20(+1) | 59(+3) | 65(+2) | 51(+1) |
| Kentaxa Thero-Salicornion, Thero-Suaedion en Spartinion | | | | | | | | | | |
| Salicornia europaea | 78(+2) | 92(+2) | 96(+2) | 100(1-2) | 100(+2) | 89(1-2) | - | 71(+1) | 40(+1) | 32(+1) |
| Suaeda maritima | 64(+2) | 96(+2) | 39(+1) | 67(1-2) | 100(+2) | 56(+2) | - | 100(1-3) | 60(+2) | 49(+2) |
| Spartina maritima | 6(+) | 12(+1) | 100(2-5) | - | - | - | - | - | - | - |
| Fucus vesiculosus var. lularius | 4(+2) | 12(1-3) | 57(+3) | - | - | - | - | - | - | - |
| Spartina townsendii | 50(+2) | 46(+) | 61(1-2) | 22(+1) | 22(+2) | 11(+) | 11(+1) | 59(+2) | 35(+2) | 24(+) |
| Differentiërende soortencombinatie en andere kenmerkende taxa Armerion maritimae | | | | | | | | | | |
| Glaux maritima | 50(+2) | 35(+2) | - | 33(+1) | 78(+2) | 11(+) | 56(+2) | 43(+1) | 15(+1) | 7(+2) |
| Juncus gerardii | 2(+) | - | - | 11(+1) | 67(1-3) | 11(+) | 36(+5) | - | - | - |
| Agrostis stolonifera subvar. salina ²⁾ | - | - | - | - | - | 56(1-4) | 71(+3) | 14(+) | - | - |
| Parapholis strigosa ³⁾ | - | 4(+) | - | 33(+1) | 11(+) | 100(+3) | - | - | - | - |
| Armeria maritima | 6(+1) | 4(+) | - | 67(+1) | 1(+) | - | - | - | - | 2(1) |
| Festuca rubra f. litoralis | 14(+2) | 15(+1) | - | 56(+1) | 1(+) | 22(+) | 4(+) | 43(+) | 62(+1) | 85(+3) |
| Artemisia maritima | 5(+1) | 4(+) | - | - | - | 11(+) | - | - | - | 93(+3) |
| Taxa kenmerkend voor vloedmerken | | | | | | | | | | |
| Atriplex hastata | 25(+2) | - | - | - | - | - | 40(+2) | 59(+4) | 5(+) | 15(+1) |
| Elytrigia pungens | 1(+) | - | - | - | - | - | 4(+) | 14(+) | 22(+) | 32(+1) |

Addenda: Kolom 6: Elytrigia juncea 56(+1), Cochlearia anglica 44(+1), Euphrasia litoralis 11(+); Kolom 7: Scirpus maritimus var. compactus 42(+2), Phragmites communis 13(+), Alopecurus geniculatus 4(+2), Cochlearia officinalis 4(1), Ranunculus sceleratus 4(+), Scirpus lacustris esp. glaucus 2(+); Kolom 8: Cochlearia officinalis 14(+), Elytrigia juncea 14(+), Atriplex littoralis 14(+).

¹⁾ Tevens(selectief) kentaxon van het Puccinellion maritimae.

²⁾ Waarschijnlijk kentaxon van het Agropyro-Rumicion crispi (onderverbond Loto-Trifolion), transgrediërend in de Glauceto-Puccinellietalia doch voornamelijk in het Armerion maritimae.

³⁾ Kentaxon van het Saginion maritimae, transgrediërend in de Glauceto-Puccinellietalia doch voornamelijk in het Armerion maritimae.

⁴⁾ Opnamen afkomstig van de Nederlandse Waddeneilanden, welwillend ter beschikking gesteld door Dr. V. Westhoff (Zeist).

Tabel 9

Artemisietum maritimae in ZW-Nederland

| | Artemisietum maritimae typicum | | Artemisietum maritimae armerietosum | Artemisietum maritimae agrostidetosum | |
|---|---|------------------|---|--|----------|
| | initiale phase met Artemisia maritima | typische vorm | | typische vorm | fragment |
| | 1 | 2 | 3 | 4 | 5 |
| Kolom | 1 | 2 | 3 | 4 | 5 |
| Aantal opnamen | 11 | 61 | 14 | 24 | 31 |
| <u>Kentaxon Artemisietum maritimae</u> | | | | | |
| Artemisia maritima | 100(4-5) | 93(+3) | 100(+2) | 71(1-3) | - |
| <u>Differentiërende soortcombinatie en andere kenmerkende taxa van het Armerion maritimae</u> | | | | | |
| Armeria maritima | - | 2(+) | 86(+2) | - | - |
| Festuca rubra f. litoralis | 82(+2) | 100(3-5) | 100(4-5) | 100(1-5) | 100(3-5) |
| Glaux maritima | - | 33(+1) | 64(+2) | 87(+2) | 65(+2) |
| Juncus gerardii | - | - | 29(+2) | 4(2) | 48(+3) |
| Parapholis strigosa ¹⁾ | - | 5(+1) | 7(1) | 4(+) | - |
| Agrostis stolonifera subvar. salina ²⁾ | - | - | - | 87(1-5) | 97(+5) |
| <u>Kentaxa Puccinellion maritimae</u> | | | | | |
| Puccinellia maritima | 55(+1) | 43(+2) | 43(+2) | 8(+1) | 19(+1) |
| Halimione portulacoides | 100(1-3) | 98(+3) | 100(+2) | 25(+) | - |
| Bostrychia scorpioides | 9(+) | 5(+2) | - | - | - |
| Spergularia salina | - | - | - | - | 3(+) |
| <u>Differentiërende soortcombinatie Glauceto-Puccinellietalia</u> | | | | | |
| Limonium vulgare | 45(+) | 66(+2) | 93(+3) | 50(+2) | - |
| Spergularia marginata | 9(+) | 72(+2) | 93(+2) | 75(+2) | - |
| <u>Kentaxa Asteretea tripolium</u> | | | | | |
| Aster tripolium | 100(+1) | 100(+2) | 93(+2) | 96(+1) | 74(+1) |
| Plantago maritima | 64(+1) | 72(+3) | 93(+2) | 100(+2) | 42(+2) |
| Triglochin maritima | 27(+) | 29(+1) | 71(+1) | 46(+1) | 48(+1) |
| <u>Kentaxa Thero-Salicornion, Thero-Suaedion en Spartinion</u> | | | | | |
| Salicornia europaea | - | 30(+1) | 50(+1) | - | - |
| Suaeda maritima | 9(+) | 31(+1) | 50(+1) | - | - |
| Spartina townsendii | 36(+) | 13(+) | 7(+) | 12(+) | - |
| <u>Andere taxa</u> | | | | | |
| Elytrigia pungens | 9(+) | 31(+2) | 50(+2) | 33(+2) | 42(+3) |
| Atriplex hastata | - | 11(+) | 7(+) | 87(+2) | 65(+2) |
| Lolium perenne | - | - | - | 12(+) | 23(+2) |

Addenda: Kolom 5: Hordeum secalinum 16(+2), Phragmites communis 16(+2), Scirpus maritimus var. compactus 16(+), Trifolium fragiferum 6(+1), Alepeocurus geniculatus 6(+), Festuca arundinacea 6(+), Plantago major 3(+), Cochlearia officinalis 3(+).

¹⁾ Kentaxon van het Saginion maritimae, transgrediërend in de Glauceto-Puccinellietalia doch voornamelijk in het Armerion maritimae.

²⁾ Waarschijnlijk kentaxon van het Agropyro-Rumicion crispi (onderverbond Loto-Trifolion), transgrediërend in de Glauceto-Puccinellietalia doch voornamelijk in het Armerion maritimae.

Tabel 10

Presentie en abundantie-dominantie van enige soorten in het *Armerion maritima* en andere, floristisch verwante gemeenschappen langs de Westeuropese kust
(naar gegevens verzameld uit de literatuur)

| | Artemisietum | Juncetum | Gemeenschappen | Junceto-Caricetum | Gemeenschappen | Juncetum gerardii | | Juncetum gerardii | | |
|------------------------------|--------------|----------|---|-------------------|--|-------------------|--|---|---|--|
| | maritima | gerardii | met <i>Sagina</i> maritima en <i>Plantago</i> <i>coronopus</i> | extensa | met <i>Juncus</i> maritimus en <i>Oenanthe</i> lachenalii | typicum | subass. met <i>Leontodon</i> <i>autumnalis</i> | dominantie van <i>Juncus</i> gerardii | dominantie van <i>Festuca</i> rubra | dominantie van <i>Agrostis</i> stolonifera |
| Kolon | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Aantal terreinen | 18 | 25 | 10 | 13 | 14 | 18 | 10 | 15 | 11 | 6 |
| Aantal opnamen | 147 | 358 | 115 | 102 | 59 | 181 | 40 | 141 | 77 | 27 |
| <i>Artemisia maritima</i> | 100(+5) | 27(+2) | 56(+1) | 4(+1) | 12(+2) | 31(+2) | - | 17(+1) | 54(+2) | - |
| <i>Armeria maritima</i> | 55(+2) | 73(+3) | 77(+3) | 43(+2) | 27(+2) | 78(+3) | 62(+2) | 62(+3) | 100(+3) | 43(+2) |
| <i>Festuca rubra</i> | 100(1-5) | 91(+5) | 100(+5) | 61(+4) | 42(+5) | 81(+5) | 100(1-4) | 83(+3) | 100(3-5) | 71(+2) |
| <i>Juncus gerardii</i> | 37(+3) | 94(+5) | 83(+3) | 86(+4) | 61(+5) | 91(+5) | 92(+4) | 100(3-5) | 77(+3) | 100(+3) |
| <i>Glaux maritima</i> | 74(+2) | 82(+4) | 61(+2) | 96(+3) | 81(+4) | 81(+4) | 77(+2) | 87(+4) | 77(+4) | 43(+3) |
| <i>Cochlearia anglica</i> | 26(+2) | 14(+1) | 11(+) | 14(+1) | 11(+1) | 19(+2) | - | 4(1-2) | 23(+) | - |
| <i>Carex extensa</i> | - | 9(+2) | 28(+) | 93(+4) | 35(+1) | 6(+1) | 8(+1) | 4(+) | 15(+1) | - |
| <i>Aster tripolium</i> | 81(+2) | 58(+2) | 22(+1) | 50(+2) | 58(+1) | 72(+2) | 15(+) | 54(+2) | 85(+2) | 14(+) |
| <i>Triglochin maritima</i> | 67(+1) | 71(+3) | 39(+1) | 93(+2) | 62(+2) | 84(+3) | 54(+2) | 71(+3) | 69(+2) | 57(+2) |
| <i>Plantago maritima</i> | 100(+3) | 85(+3) | 67(+2) | 64(+3) | 50(+2) | 97(+3) | 69(+3) | 92(+3) | 92(+3) | 29(2) |
| <i>Limonium vulgare</i> | 81(+3) | 45(+3) | 44(+1) | 25(+) | 46(+3) | 62(+3) | - | 42(+3) | 62(+3) | 29(+3) |
| <i>Spergularia marginata</i> | 74(+2) | 44(+2) | 28(+) | 25(+) | 27(+1) | 56(+2) | 8(+) | 50(+1) | 54(+2) | 29(+2) |
| <i>Agropyron littorale</i> | 56(+3) | 29(+3) | 56(+4) | 11(+2) | 38(+3) | 31(+2) | 8(1) | 29(+2) | 38(+3) | - |
| <i>Agrostis stolonifera</i> | 37(+1) | 82(+4) | 89(+4) | 79(+4) | 61(+4) | 72(+4) | 85(+4) | 75(+3) | 77(+3) | 100(3-5) |
| <i>Juncus maritimus</i> | 8(+) | 5(+3) | 6(+) | 46(+4) | 70(+5) | | | | | |
| <i>Oenanthe lachenalii</i> | - | - | - | 7(+2) | 38(+2) | | | | | |
| <i>Leontodon autumnalis</i> | - | 27(+1) | 17(+) | 39(+2) | 4(+1) | - | 92(+1) | 21(+) | 15(+1) | 14(+1) |
| <i>Potentilla anserina</i> | - | 23(+2) | 33(+3) | 43(+2) | 27(+3) | - | 77(+2) | 17(+2) | 15(+) | 43(+2) |
| <i>Trifolium repens</i> | - | 32(+2) | 56(+3) | 14(+2) | 15(+2) | - | 85(+2) | 21(+) | 23(+1) | 71(+2) |
| <i>Carex distans</i> | - | 20(+2) | 50(+3) | 36(+3) | 27(+2) | 3(+1) | 38(+2) | - | 15(1-2) | 14(2) |
| <i>Lotus corniculatus</i> | - | 21(+1) | 44(+3) | 11(+1) | 12(+1) | 6(+) | 38(+1) | - | 23(2) | 43(+) |
| <i>Leontodon nudisulcis</i> | 4(+1) | 9(+1) | 44(+2) | 29(+2) | 8(+1) | | | | | |
| <i>Parapholis strigosa</i> | 33(+3) | 33(+3) | 56(+3) | 21(+3) | 8(+) | 41(+3) | 15(+) | 33(+3) | 46(+3) | - |
| <i>Bupleurum tenuissimum</i> | 4(+2) | 12(+3) | 17(+2) | - | 4(+) | | | | | |
| <i>Sagina maritima</i> | - | 17(+1) | 100(+4) | - | - | | | | | |
| <i>Cochlearia danica</i> | - | 18(+2) | 61(+4) | - | 8(+) | | | | | |
| <i>Plantago coronopus</i> | 8(+2) | 24(+2) | 89(+4) | 21(+1) | - | | | | | |
| <i>Centaureum pulchellum</i> | 4(+) | 29(+2) | 44(+2) | 54(+2) | 15(+2) | | | | | |
| <i>Centaureum vulgare</i> | - | 9(+) | 17(+1) | 32(+2) | - | | | | | |

Table 10. Presence and combined estimation of some species in the *Armerion maritima* and other, floristically allied communities along the West-European coasts (according to data collected from the literature).

Tabel 11

Juncetum gerardii, Junceto - Caricetum extensae en Scirpetum rufi

| | Juncetum gerardii | | | | Junceto-Caricetum extensae uit ZW-Nederland | Junceto-Caricetum extensae ³⁾ | | | Scirpetum rufi ³⁾ |
|---|--------------------------------|----------|--|--|---|--|---------|-------------|---------------------------------|
| | Variant met Juncus gerardii | Overgang | Variant met Festuca rubra f. litoralis | Variant met Agrostis sto- lonifera sub- var. salina | | pholiuretosum | | blysmetosum | |
| Kolom | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Aantal opnamen | 25 | 11 | 39 | 2 | 3 | 17 | 12 | 8 | 1 |
| Kentaxon Juncetum gerardii | | | | | | | | | |
| Armeria maritima | 84(+2) | 64(+2) | 92(+3) | 100(1) | - | 47(+2) | 58(+2) | 12(+) | - |
| Kentaxon Junceto-Caricetum extensae | | | | | | | | | |
| Carex extensa | - | - | - | - | 110(1-4) | 100(+4) | 100(+3) | 100(+4) | - |
| Euphrasia litoralis | - | - | - | - | - | 59(+2) | 50(+2) | 100(+3) | - |
| Triglochin palustris (locaal) | - | - | - | - | - | 18(+) | - | 50(+1) | - |
| Kentaxon Scirpetum (Blysmetosum) rufi | | | | | | | | | |
| Scirpus (Blysmus) rufus | - | - | - | - | - | - | - | 87(+2) | 3 |
| Differentiërende soortcombinatie en andere kenmerkende taxa Armerion maritimae | | | | | | | | | |
| Festuca rubra f. litoralis | 92(+3) | 100(3-4) | 100(2-5) | 100(3) | 100(1-3) | 76(+4) | 67(1-5) | 25(+1) | - |
| Glaux maritima | 100(+3) | 91(+3) | 97(+3) | 100(1-2) | 100(2-3) | 94(+2) | 100(+2) | 100(1-2) | - |
| Juncus gerardii | 100(3-5) | 100(3-4) | 77(+3) | 50(+) | 100(2-4) | 94(+4) | 83(+4) | 100(+5) | 1 |
| Artemisia maritima | 44(+1) | 73(+1) | 69(+1) | 100(+) | - | 24(+1) | - | - | - |
| Parapholis strigosa ¹⁾ | 60(+2) | 45(+1) | 67(+3) | 50(+) | 67(1-2) | 59(+3) | 33(+2) | 12(+) | - |
| Agrostis stolonifera subvar. salina ²⁾ | 8(1) | 27(+2) | 13(+1) | 100(4-5) | 100(+2) | 76(+4) | 92(+4) | 100(1-3) | 4 |
| Kentaxon Puccinellion maritimae | | | | | | | | | |
| Puccinellia maritima | 16(+3) | 9(+) | 41(+2) | - | - | 29(+1) | - | - | - |
| Halimione portulacoides | 44(+) | 45(+) | 74(+1) | 50(+) | - | - | - | - | - |
| Differentiërende soortcombinatie Glauceto-Puccinellietalia | | | | | | | | | |
| Limonium vulgare | 96(+3) | 73(+2) | 87(+3) | - | 33(2) | 16(+) | 8(+) | - | - |
| Spergularia marginata | 24(+1) | 36(+) | 62(+1) | 100(+1) | 33(+) | 41(+) | - | 12(+) | - |
| Kentaxon Asteretea tripolium | | | | | | | | | |
| Plantago maritima | 96(+3) | 100(1-3) | 100(+3) | 100(+1) | 100(1-2) | 82(+3) | 83(+3) | 12(+) | - |
| Aster tripolium | 60(+2) | 45(+2) | 79(+2) | 100(+) | 67(1) | 76(+2) | 17(+1) | 62(+2) | - |
| Triglochin maritima | 60(+2) | 64(+1) | 87(+2) | 100(+2) | 33(+) | 53(+1) | 33(+2) | 62(+) | - |
| Kentaxon Thero-Salicornion, Thero-Suaedion en Spartinion | | | | | | | | | |
| Salicornia europaea | 32(+) | 18(+) | 49(+1) | - | - | 53(+1) | 17(+1) | - | - |
| Suaeda maritima | 28(+) | 18(+) | 15(+1) | - | - | 6(+) | - | - | - |
| Spartina townsendii | 12(+) | - | 26(+2) | - | - | - | - | - | - |
| Andere taxa | | | | | | | | | |
| Elytrigia pungens | 32(+2) | 45(+1) | 26(+1) | 100(+1) | - | 6(+) | - | - | - |
| Centaurium pulchellum | 8(+1) | 9(1) | 23(+2) | - | 33(1) | 47(+2) | 42(+1) | 100(+1) | 1 |
| Carex distans | 4(+) | - | 5(+) | - | - | 6(2) | 50(+2) | 37(+) | - |
| Atriplex hastata | - | 27(+) | 8(+) | 100(+1) | - | - | - | - | - |
| Lolium perenne | - | 27(+) | 3(+) | 100(+) | - | - | - | - | - |
| Plantago coronopus | - | 9(+) | 3(+) | - | 33(+) | 6(+) | - | - | - |
| Phragmites communis | - | - | 3(+) | - | 67(+) | 6(1) | - | 75(+1) | 2 |
| Potentilla anserina | - | - | - | 50(+) | - | 6(+) | 17(+2) | 37(+1) | 2 |
| Leontodon nudicaulis | - | - | - | - | - | 6(+) | 17(+) | 75(+1) | - |
| Centaurium vulgare | - | - | - | - | - | 6(+) | 17(+) | 25(+) | - |
| Leontodon autumnalis | - | - | - | - | - | 6(+) | - | 37(+) | - |
| Juncus maritimus | - | - | - | - | - | - | 100(+2) | - | - |
| Schoenus nigricans | - | - | - | - | - | - | 50(+3) | 50(+) | - |
| Scirpus maritimus | - | - | - | - | - | - | 17(+) | 12(+) | - |
| Eleocharis palustris ssp. uniglumis | - | - | - | - | - | - | - | 87(1-2) | 2 |
| Juncus anceps | - | - | - | - | - | - | - | 62(+) | + |
| Juncus articulatus | - | - | - | - | - | - | - | 50(+1) | 1 |

Addenda: Kolom 1: Sagina maritima 4(+); kolom 2: Lotus tenuifolius 9(+); kolom 3: Solanum dulcamara 3(+); kolom 4: Plantago major 100(+), Polygonum aviculare 50(+), Trifolium sp. 50(+); kolom 5: Hippophaë rhamnoides 33(+); kolom 6: Halimione pedunculata 18(+), Cochlearia anglica 12(+), Spergularia salina 6(+); kolom 8: Carex serotina ssp. pulchella 50(+1), Parnassia palustris 37(+1), Salix repens 37(+), Bryum pendulum 25(1-3), Carex flacca 25(+1), Eleocharis pauciflora 25(+1), Hydrocotyle vulgaris 12(+); kolom 9: Trifolium fragiferum +.

¹⁾ Kentaxon van het Saginion maritimae, transgrediërend in de Glauceto-Puccinellietalia doch voornamelijk in het Armerion maritimae.

²⁾ Waarschijnlijk kentaxon van het Agropyro-Rumicion orispi (onderverbond Loto-Trifolion), transgrediërend in de Glauceto-Puccinellietalia doch voornamelijk in het Armerion maritimae.

³⁾ Opnamen afkomstig van de Nederlandse Waddeneilanden, welwillend ter beschikking gesteld door Dr. V. Westhoff (Zeist).

Puccinellio maritimae - Spergularion salinae in Nederland

| Kolom | b u i t e n d i j k s | | | | | | | b i n n e n d i j k s | | | | | | | Binnendijks Zeeuwsch- Vlaanderen ²⁾ |
|---|---|------------------|--------------------|--|---------------------|---|-------------------------------|--------------------------|---|---|----------------------|-------------------------------|----------------------|--------------------|--|
| | Puccinellietum distantis ¹⁾ (Ned. Waddeneilanden) | | | Puccinellietum distantis atriplicetosum | | Puccinellietum fasciculatae | Puccinellietum retroflexae | Puccinellietum distantis | | Puccinellietum fasciculatae | | Puccinellietum retroflexae | | | |
| | atripli- cetosum | juncos- tosum | pholiu- retosum | variant met Puccinellia maritima | typische variant | variant met Puccinellia distantis | typicum | typische variant | variant met Puccinellia fasciculata | variant met Puccinellia distantis | typische variant | typicum | juncetosum | | |
| Aantal opnamen | 7 | 2 | 3 | 19 | 29 | 1 | 1 | 8 | 5 | 6 | 6 | 11 | 9 | 10 | |
| Kentaxe associaties | | | | | | | | | | | | | | | |
| Spergularia salina | 100(+3) | 100(+) | 100(+2) | 89(+2) | 97(+3) | 1 | 2 ^o | 100(r-2) | 100(2-4) | 100(r-2) | 100(+2) | 100(r-2) | 89(r-1) | 100(+3) | |
| Puccinellia distans | 100(+3) | 100(+2) | 100(+2) | 100(+4) | 100(+5) | 1 | - | 100(2-5) | 100(2-4) | 100(r-+) | - | 18(r-+) | - | 100(+3) | |
| Puccinellia fasciculata | - | - | - | - | - | 2 | - | - | 100(r-3) | 100(1-4) | 100(2-3) | 18(r) | - | 90(+4) | |
| Puccinellia retroflexa | - | - | 100(+2) | - | - | - | 2 | - | - | - | - | 100(1-4) | 100(2-4) | 10(+) | |
| Differentiërende taxa | | | | | | | | | | | | | | | |
| Atriplex hastata | 71(+2) | - | - | 95(+1) ^o | 55(+2) ^o | + | - | 87(r-2) ^o | 80(r-1) ^o | 33(r) ^o | 67(r) ^o | - | 11(r) | 50(+) | |
| Polygonum aviculare | 43(+) | - | - | 47(+3) | 41(+2) | + | - | 50(r-+) ^o | 40(r) ^o | - | - | - | - | - | |
| Juncus bufonius ³⁾ | - | 100(+1) | - | - | - | - | - | 12(2) | - | 17(r) | 50(r-2) | - | 100(r-2) | 40(+1) | |
| Plantago coronopus | - | - | - | - | 14(+1) | - | + | 12(r) | - | - | - | 18(r-+) ^o | 56(r-3) | 10(+) | |
| Parapholis strigosa | - | - | 100(+2) | - | 24(+2) | - | + | - | - | - | - | - | - | 10(2) | |
| Agrostis stolonifera f. subarenaria | - | - | 100(1-3) | - | - | - | - | - | - | - | - | - | - | - | |
| Elytrigia juncea | - | - | 67(+1) | - | - | - | - | - | - | - | - | - | - | - | |
| Kentaxe Thero-Salicornion, Thero- Suaedion, Spartinion en Puccinellion maritimae | | | | | | | | | | | | | | | |
| Salicornia europaea | 29(+) | 100(1) | 100(+) | 16(+) ^o | 24(+2) ^o | + | 1 ^o | 75(r-2) ^o | 20(1) | 83(2) ^o | 83(1-2) ^o | 100(1-2) ^o | 67(r-2) | 70(2-3) | |
| Suaeda maritima | 14(+) | 100(+1) | 67(+) | 11(+) ^o | 24(+1) | - | 1 ^o | 87(r-+) ^o | 40(r-+) | 83(r) ^o | 50(r-1) ^o | - | 11(r) | 30(+1) | |
| Spartina townsendii | - | - | - | 32(+) ^o | 10(+) ^o | - | - | - | - | - | - | 18(r) | - | - | |
| Puccinellia maritima | 43(+2) | 50(+) | 33(1) | 100(2-4) | 65(+1) | + | 1 | 50(r-1) | - | 50(r-+) | 100(r-3) | 27(r) | 11(r) | 60(+3) | |
| Differentiërende soortcombinatie | | | | | | | | | | | | | | | |
| Armerion maritimae | | | | | | | | | | | | | | | |
| Glaur maritima | 14(+) | - | - | 58(+3) | 41(+3) | + | - | 12(+) | 20(r) | - | 17(r) | - | 11(3) | 60(+2) | |
| Festuca rubra f. litoralis | 29(+1) | - | - | 32(+2) | 41(+3) | + | - | 12(r) | - | - | - | - | - | - | |
| Juncus gerardii | 43(+) | - | - | - | 17(+2) | - | - | - | - | - | - | - | - | 60(+1) | |
| Differentiërende soortcombinatie | | | | | | | | | | | | | | | |
| Glauceto-Puccinellietalia | | | | | | | | | | | | | | | |
| Limonium vulgare | - | - | - | 5(+) ^o | 3 ^o | - | - | - | - | - | - | - | - | - | |
| Spergularia marginata | 43(+) | - | 67(+1) | 5(+) ^o | 24(+1) | - | + | - | - | - | - | - | - | 30(+1) | |
| Kentaxe Asteretes tripolium | | | | | | | | | | | | | | | |
| Aster tripolium | 43(+2) | 100(+1) | 67(+2) | 84(+2) | 59(+1) | + | + | 87(2-4) | 100(r-5) | 67(r-2) ^o | 100(+3) | 100(1-4) | 100(1-3) | 100(+2) | |
| Plantago maritima | 86(+) | - | 33(+) | 5(+) | 14(+) | + | + | - | - | - | - | - | - | 10(+) | |
| Triglochin maritima | - | 100(+1) | - | 16(+) | 7(+1) | + | - | - | - | - | 17(2) | 9(r) | 11(r) | 20(+) | |
| Kentaxon Agropyro-Rumicion crispi | | | | | | | | | | | | | | | |
| Agrostis stolonifera subvar. salina ⁴⁾ | 14(1) | 50(+) | - | 84(+2) | 65(+3) | + | - | 62(r-2) | 20(r) | - | 33(2) | - | 44(r-+) | 60(+3) | |
| Elytrigia repens | - | - | - | 5(1) | 21(+1) | - | - | 25(r) ^o | 60(r) | - | - | - | 22(r-2) | - | |
| Potentilla anserina | 14(+) | - | - | 5(+) | 10(+1) ^o | - | - | - | - | - | - | - | - | - | |
| Plantago major | 14(+) | - | - | 11(+) ^o | 31(+2) | - | - | - | - | - | - | - | 11(r) | 10(+) ^o | |
| Leontodon autumnalis | 14(+) | - | - | - | 3(+) | - | - | 12(r) | - | - | - | - | 22(r) | - | |
| Trifolium repens | - | - | - | 5(+) ^o | 14(+) ^o | - | - | - | - | - | - | - | 11(r) | - | |
| Triglochin palustris | - | 100(+) | - | - | - | - | - | - | - | - | - | - | - | 20(+1) | |
| Andere taxa | | | | | | | | | | | | | | | |
| Scirpus maritimus | - | 100(+1) | - | 53(+2) | 24(+1) | - | - | 62(r-2) ^o | 20(r) ^o | - | - | 9(r) ^o | 44(+1) | 30(+) ^o | |
| Phragmites communis | - | - | - | 16(+1) | 28(+3) | 1 | - | 37(r-1) | - | - | 17(r) | 73(r-2) ^o | 78(r-2) ^o | 20(+) | |
| Lolium perenne | 14(+) | - | - | 21(+) | 34(+3) | + | - | 12(r) | 60(r-1) | 17(r) ^o | 17(r) | - | 22(r-2) | - | |
| Coronopus squamatus | - | - | - | 16(+2) | 10(+2) | - | - | - | - | - | - | - | - | - | |
| Matricaria inodora | - | - | - | 5(+) | 10(+) ^o | - | - | 12(r) | 40(r-+) | - | - | - | 11(r) | - | |
| Elytrigia pungens | - | - | - | 68(+5) | 34(+2) | + | - | 12(r) | - | - | - | - | - | - | |
| Bromus mollis | - | - | - | 5(+) | 10(+) | - | - | - | - | - | 17(+) | 9(r) | - | - | |
| Ranunculus sceleratus | - | - | - | - | 7(+1) | - | - | 50(r) ^o | 20(r) ^o | - | - | - | 11(r) | - | |

Addenda: Kolom 1: Elytrigia sp. 14(+), Atriplex litoralis 14(+), Chenopodium album 14(+); Kolom 3: Salsola kali 33(r^o); Kolom 4: Halimione portulacoides 5(+), Artemisia maritima 5(+)^o, Poa pratensis 5(+), Stellaria media 5(+)^o, Medicago lupulina 5(+)^o; Kolom 5: Artemisia maritima 10(+1), Halimione portulacoides 7(+), Poa annua 14(+2), Cochlearia officinalis 14(+), Festuca arundinacea 10(+), Cirsium arvense 7(+1), Poa trivialis 3(3), Hordeum secalinum 3(1), Taraxacum sp. 3(+), Sonchus arvensis 3(+), Poa pratensis 3(+), Solanum nigrum 3(+), Eryngium maritimum 3(+)^o, Senecio vulgaris 3(+); Kolom 8: Anagallis arvensis 12(r)^o, Taraxacum sp. 12(+), Leontodon nudicaulis 12(r), Epilobium hirsutum 12(+), Hypochaeris radicata 12(r); Kolom 9: Sonchus arvensis 40(r); Kolom 11: Hordeum marinum 17(r), Sagina maritima 17(+); Kolom 13: Festuca arundinacea 33(r), Epilobium hirsutum 33(r-+)^o, Taraxacum sp. 22(r)^o, Holcus lanatus 11(r), Medicago sativa 11(r), Sonchus arvensis 11(r).

¹⁾ Opnamen afkomstig van de Nederlandse Waddeneilanden, welwillend ter beschikking gesteld door Dr. V. Westhoff (Zeist).

²⁾ Opnamen in 1949 gemaakt door Dr. V. Westhoff (Zeist) en schrijver dezes langs een binnengedijkte kreek bij Fort Maurits in de Van Wuyckhuysenpolder (Zeeuwsch-Vlaanderen).

³⁾ Tenminste grotendeels Juncus ambiguus Guss.

⁴⁾ Waarschijnlijk kentaxon van het Agropyro-Rumicion crispi (onderverbond Loto-Trifolion), transgrediërend in de Glauceto-Puccinellietalia doch voornamelijk in het Armerion maritimae.

Tabel 13

Sociaties met *Aster tripolium*, *Triglochin maritima*, *Glaux maritima* en *Agrostis stolonifera* subvar. *salina*

| | Aster tripolium- sociatie | Triglochin maritima- sociatie | Glaux maritima- sociatie | Agrostis stolonifera salina-sociatie |
|---|------------------------------|----------------------------------|-----------------------------|---|
| Kolom | 1 | 2 | 3 | 4 |
| Aantal opnamen | 6 | 25 | 27 | 57 |
| Dominante taxa | | | | |
| <i>Aster tripolium</i> | 100(4-5) | 80(+2) | 59(+2) ^o | 60(+2) |
| <i>Triglochin maritima</i> | 17(1) | 100(2-5) | 41(+2) | 40(+3) |
| <i>Glaux maritima</i> | - | 52(+2) | 100(3-5) | 58(+2) |
| <i>Agrostis stolonifera</i> subvar. <i>salina</i> | - | 28(+1) | 30(+4) | 100(4-5) |
| Kentaxa Thero-Salicornion, | | | | |
| Thero-Suaedion en Spartinion | | | | |
| <i>Salicornia europaea</i> | 50(+) | 8(+1) | 44(+2) ^o | - |
| <i>Suaeda maritima</i> | 83(1-3) | 28(+1) | 33(+2) ^o | - |
| <i>Spartina townsendii</i> | 17(+) | 4(+) | 41(+1) ^o | 2(+) |
| Kentaxa Puccinellion maritimae | | | | |
| <i>Puccinellia maritima</i> | 33(+) | 28(+1) | 88(+4) | 74(+3) |
| <i>Halimione portulacaoides</i> | 67(+2) | 4(2) | 22(+1) ^o | - |
| <i>Spergularia salina</i> | - | 24(+1) | 29(+3) | 4(+1) |
| <i>Puccinellia distans</i> | - | - | 4(1) | 2(2) |
| Kentaxa Armerion maritimae | | | | |
| <i>Juncus gerardii</i> | - | 20(+1) | 15(+1) | 28(+3) |
| <i>Parapholis strigosa</i> ¹⁾ | - | - | 14(+2) | - |
| <i>Festuca rubra</i> f. <i>litoralis</i> | - | - | 19(+2) | 54(+3) |
| Differentiërende soortcombinatie | | | | |
| Glauceto-Puccinellietalia | | | | |
| <i>Limonium vulgare</i> | 50(+) | 4(1) | 33(+2) ^o | - |
| <i>Plantago maritima</i> | 17(+) | 12(+1) | 41(+2) | 26(+2) |
| <i>Spergularia marginata</i> | - | 12(+2) | 44(+2) | 2(+) |
| Andere taxa | | | | |
| <i>Atriplex hastata</i> | - | 12(+) | 4(+) | 35(+2) |
| <i>Scirpus maritimus</i> | - | 36(+2) | 15(+) ^o | 11(+2) |
| <i>Phragmites communis</i> | - | 4(+) | - | 18(+2) |
| <i>Potentilla anserina</i> | - | 4(+) | - | 4(+1) |
| <i>Juncus bufonius</i> | - | 4(+) | 4(+) | - |
| <i>Elytrigia pungens</i> | - | - | 22(+2) | 14(+1) |

Addenda: Kolom 1: *Spartina maritima* 33(+1), *Salicornia radicans* 17(2); Kolom 2: *Puccinellia retroflexa* 8(+), *Eleocharis palustris* ssp. *uniglumis* 8(+), *Eleocharis parvula* 4(2), *Ranunculus obtusiflorus* 4(+), *Triglochin palustre* 4(+); Kolom 3: *Elytrigia juncea* 15(+1), *Artemisia maritima* 7(+), *Elymus arenarius* 4(1), *Halimione pedunculata* 4(+), *Armeria maritima* 4(+), *Centaureum pulchellum* 4(+); Kolom 4: *Festuca arundinacea* 28(+2), *Alopecurus geniculatus* 25(+2), *Lolium perenne* 21(+3), *Plantago major* 18(+), *Elytrigia repens* 11(+3), *Trifolium fragiferum* 7(+), *Ranunculus sceleratus* 7(+), *Cirsium arvense* 4(+2), *Hordeum secalinum* 4(+), *Cirsium vulgare* 2(2), *Poa pratensis* 2(1), *Taraxacum* sp. 4(+), *Cochlearia officinalis* 2(+), *Rumex crispus* 2(+), *Geranium molle* 2(+).

¹⁾ Kentaxon van het *Saginion maritimae*, transgrediërend in de *Glauceto-Puccinellietalia* doch voornamelijk in het *Armerion maritimae*.

Tabel 14

Angelicon littoralis-gemeenschappen in ZW-Nederland

| | Atripliceto - Elytrigietum pungentis | | Atripliceto- Cirsietum arvensis | Althaeeto - Calystegietum sepium | | |
|---|---|---------------------------------|---------------------------------------|---|--|----------|
| | Van de kust tot Baarland | Van Waarde tot O.-Kruisshana | | subass. van Calamagrostis epigeios variant met Galium aparine | subass. van Cochlearia officinalis variant met Eupatorium cannabium | |
| Kolom | 1 | 2 | 3 | 4 | 5 | 6 |
| Aantal opnamen | 48 | 44 | 5 | 7 | 6 | 9 |
| Vloedmerk opvangende vegetatie | | | | | | |
| Halimione portulacaoides | 67(+3) | 9(+) | - | - | - | - |
| Artemisia maritima | 65(+2) | 27(+2) | - | - | - | - |
| Festuca rubra f. littoralis | 58(+3) | 45(+3) | 100(+2) | 71(+1) | 17(+) | - |
| Phragmites communis | - | 4(2) | 80(+2) | 14(2) | 100(1-2) | 100(1-5) |
| Hippophaë rhamnoides (dood) | - | - | 60(+2) | 100(3-4) | - | - |
| Hippophaë rhamnoides (levend) | - | - | 40(+) | 100(+2) | 100(4-5) | - |
| Sambucus nigra | - | - | - | 57(+) ^o | 83(+2) | - |
| Ligustrum vulgare | - | - | - | 14(+) | 67(+2) | - |
| Differentiërende soortencombinaties | | | | | | |
| van associaties, enz. | | | | | | |
| Aster tripolium | 71(+2) | 50(+1) | - | 14(+) | - | 33(+1) |
| Atriplex hastata | 54(+1) | 91(+2) | 100(1-3) | 57(+) | 50(+) | 78(+2) |
| Elytrigia pungens | 100(3-5) | 100(4-5) | 80(2-4) | 100(3-5) | 100(3-5) | 67(+5) |
| Cirsium arvense | - | 9(+1) | 100(3-5) | 100(+1) | 100(+1) | - |
| Apium graveolens | - | - | 80(+2) | 43(+) | 17(+) | - |
| Althaea officinalis | - | - | 40(+2) | 86(+1) | 83(+) | 100(+5) |
| Calystegia sepium | - | - | 40(+3) | 100(2-5) | 100(3-5) | 100(1-5) |
| Calamagrostis epigeios | - | - | 20(+) | 71(1-5) | 100(+2) | - |
| Urtica dioica | - | - | - | 71(+) | 67(+1) | - |
| Cochlearia officinalis | - | 9(+1) | 80(+1) | - | - | 100(+4) |
| Agrostis stolonifera | 4(+) | 30(+3) | 40(+) | 57(+) | 17(+) | 67(+4) |
| Oenanthe lachenalii | - | - | 20(+) | 14(+) | 50(+1) | 33(+3) |
| Galium aparine | - | - | 40(+) | 100(+1) | 33(+) | - |
| Lycopus europaeus | - | - | - | 71(+1) | 33(+) | - |
| Eupatorium cannabinum | - | - | 40(+) | 14(+) | 100(2) | - |
| Angelica archangelica esp. littoralis | - | - | - | - | 50(+1) | - |
| Pulicaria dysenterica | - | - | 20(+) | 29(+) | 83(+1) | - |
| Andere taxa van zoutplanten- | | | | | | |
| gemeenschappen | | | | | | |
| Suaeda maritima | 33(+1) | 2(1) | - | - | - | - |
| Puccinellia maritima | 23(+3) | 11(+1) | - | - | - | - |
| Plantago maritima | 6(+) | 27(+1) | - | - | - | - |
| Spergularia marginata | 15(+2) | 14(+1) | - | - | - | - |
| Glaux maritima | 6(+) | 14(+1) | - | - | - | - |
| Andere taxa, voornamelijk kenmerkend | | | | | | |
| voor de Artemisietea vulgaris | | | | | | |
| Sonchus arvensis | - | 7(1-2) | 80(+1) | 57(1-2) | 100(+1) | 89(+3) |
| Potentilla anserina | - | 2(2) | 80(+2) | 57(+1) | - | - |
| Rumex crispus | - | 2(+) | 20(+) | 29(+) | 33(+) | 44(+1) |
| Matricaria inodora | - | - | 60(+1) | 14(+) | - | - |
| Festuca arundinacea | - | - | 60(+1) | - | - | 33(+) |
| Solanum dulcamara | - | - | 40(+) | 57(+1) | 17(+) | - |
| Mentha aquatica | - | - | 20(+) | 43(+) | 67(+1) | - |
| Cerastium holosteooides | - | - | 20(+) | 29(+) | - | - |
| Scutellaria galericulata | - | - | - | 43(+1) | 17(+) | - |
| Lythrum salicaria | - | - | - | 14(1) | 17(+) | - |
| Humulus lupulus | - | - | - | 14(+) | 50(+) | - |
| Valeriana officinalis | - | - | - | 14(+) | 17(1) | - |
| Asparagus officinalis | - | - | 40(+) | 71(+1) | 100(+) | - |
| Rubus caesius | - | - | 20(1) | 86(+1) | 83(1-2) | - |
| Scirpus maritimus | - | 18(+2) | 20(+) | - | 50(+2) | 11(+) |

Addenda: Kolom 1: Salicornia europaea 15(+), Limonium vulgare 12(+), Triglochin maritima 6(+), Juncus gerardii 6(+), Armeria maritima 4(+1), Atriplex littoralis 4(+), Spartina townsendii 2(+), Taraxacum sp. 2(+); kolom 2: Juncus gerardii 9(+1), Limonium vulgare 7(+1), Triglochin maritima 7(+), Spergularia salina 7(+), Plantago major 7(+), Solanum nigrum 4(+), Salicornia europaea 2(+), Lolium perenne 2(+), Polygonum aviculare 2(+); kolom 3: Pastinaca sativa 40(+2), Symphytum officinale 20(2), Elytrigia repens 20(1), Stachys palustris 20(1), Daucus carota 20(1), Leontodon nudicaulis 20(+), Trifolium sp. 20(+), Bromus mollis 20(+), Iris pseudacorus 20(+); kolom 4: Cynoglossum officinale 43(+1), Euphrasia odontites 29(+), Cirsium vulgare 14(+), Solanum nigrum 14(+), Leontodon nudicaulis 14(+), Poa pratensis 14(+), Lotus tenuifolius 14(+), Melandrium album 14(+), Senecio vulgaris 14(+), Cakile maritima 14(+); kolom 5: Rhamnus catharticus 50(+), Salix repens 33(+), Frangula alnus 17(+), Crataegus monogyna 17(+), Rosa rubiginosa 17(+), Ribes sylvestris 17(+), Symphytum officinale 17(+), Ranunculus repens 17(+), Glehoma hederacea 17(+), Vicia cracca 17(+), Heracleum sphondylium 17(+), Anthriscus sylvestris 17(+); kolom 6: Taraxacum sp. 11(+).

Table 14. Angelicon littoralis-communities in the SW-Netherlands