# A. Appendix

Table A.1: **–on the next 4 pages–** Locations, ages, depths, nature and sources of reliable sea-level index points from the Belgian coastal plain, the south-western Netherlands (Zeeland), the western and northern Netherlands, the central Netherlands, north-western Germany and the southern North Sea. [1] index numbers refer to those as listed in the original publications (see references). [2] BP = before 1950 (historical / archaeological dates have been adapted accordingly). [3] all depths have been converted to German NN using Dutch NAP = NN; Belgian TAW = NAP - 2.33 m.)

| index no. [1] | country / region | site location | coordinates | | lab no. | 14C age | 1σ calibrated age | sample depth | sample depth | altitude error | dated material | stratigraphic | compaction | reference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lat. N | Long. E | | (yrs BP) | (cal. yrs BP) [2] | max. (m NN) [3] | min. (m NN) | (m) | (thickness of peat layer in m) | position in peat | expected | |
| 1 | Belgium | Schoudervliet | 51.0916° | 2.7042° | IRPA 681 | 8440 ± 130 | 9277 - 9546 | -19 | -18.97 | ± 0.1 | reed peat (0.33) | top | yes | Denys and Baeteman, 1995 |
| 3 | Belgium | Oostkerke | 51.0444° | 2.7250° | IRPA 734 | 8170 ± 90 | 9012 - 9263 | -17.96 | -17.92 | ± 0.1 | amorphous peat | base | | Denys and Baeteman, 1995 |
| 4 | Belgium | Woestijne | 51.0611° | 2.7306° | IRPA 616 | 8120 ± 100 | 8981 - 9267 | -17.58 | -17.5 | ± 0.1 | peaty, clayey sand (0.27) | top | yes | Denys and Baeteman, 1995 |
| 6 | Belgium | Veurne | 51.0667° | 2.6556° | Utc 2625 | 7490 ± 130 | 8173 - 8404 | -11.97 | -11.95 | ± 0.1 | clayey peat (0.05) | top | | Denys and Baeteman, 1995 |
| 9 | Belgium | Avekapelle | 51.0778° | 2.7570° | Hv 8797 | 7170 ± 275 | 7715 - 8198 | -9.38 | -9.28 | ± 0.1 | sandy amorphous peat (0.38) | top | yes | Denys and Baeteman, 1995 |
| 11 | Belgium | Orthodoxe Kerk | 51.0556° | 2.7922° | IRPA 534 | 7110 ± 90 | 7829 - 8009 | -7.5 | -7.46 | ± 0.07 | amorphous peat (0.09) | top | | Denys and Baeteman, 1995 |
| 12 | Belgium | Dijk | 51.0197° | 2.8028° | IRPA 542 | 6870 ± 70 | 7615 - 7756 | -7.43 | -7.4 | ± 0.1 | peaty clay | base | | Denys and Baeteman, 1995 |
| 13 | Belgium | Westende 4 | 51.1647° | 2.7797° | IRPA 615 | 6780 ± 80 | 7569 - 7681 | -7.52 | -7.47 | ± 0.1 | sandy peat | base | | Denys and Baeteman, 1995 |
| 15 | Belgium | Dijk | 51.0197° | 2.8028° | IRPA 541 | 6680 ± 80 | 7474 - 7611 | -7.26 | -7.23 | ± 0.1 | peaty clay (0.2) | top | yes | Denys and Baeteman, 1995 |
| 16 | Belgium | Spoorweg 1 | 51.0736° | 2.8000° | IRPA 927 | 6665 ± 60 | 7479 - 7585 | -6.05 | -6 | ± 0.1 | clayey peat (0.13) | top | | Denys and Baeteman, 1995 |
| 19 | Belgium | B407, Steenkerke | 51.0700° | 2.6928° | ANTW 136 | 5830 ± 115 | 6492 - 6751 | -4.58 | -4.08 | ± 0.1 | peat (0.1) | middle | | Denys and Baeteman, 1995 |
| 20 | Belgium | Noordhoek | 51.1847° | 2.8889° | IRPA 729 | 5770 ± 100 | 6466 - 6666 | -4.7 | -4.63 | ± 0.1 | peat | base | | Denys and Baeteman, 1995 |
| 23 | Belgium | Spermalie 2 | 51.1306° | 2.8542° | IRPA 519 | 5650 ± 70 | 6313 - 6496 | -3.42 | -3.37 | ± 0.1 | clayey reed peat (0.22) | top | yes | Denys and Baeteman, 1995 |
| 25 | Belgium | B71, Lampernisse | 51.0311° | 2.7639° | ANTW 251 | 5310 ± 190 | 5903 - 6296 | -3.58 | -3.48 | ± 0.1 | peat | base | | Denys and Baeteman, 1995 |
| 27 | Belgium | B71, Lampernisse | 51.0311° | 2.7639° | ANTW 250 | 5100 ± 140 | 5660 - 5947 | -3.28 | -3.18 | ± 0.1 | peat (0.3) | top | yes | Denys and Baeteman, 1995 |
| 30 | Belgium | B990, Lo-Reninge | 50.9750° | 2.7847° | Utc 2636 | 4720 ± 100 | 5324 - 5583 | -2.19 | -2.16 | ± 0.3 | peat | base | | Denys and Baeteman, 1995 |
| 33 | Belgium | Leffinge 2 | 51.1444° | 2.8703° | IRPA 337 | 3340 ± 185 | 3378 - 3828 | -0.16 | -0.1 | ± 0.1 | fen peat (0.4) | top | yes | Denys and Baeteman, 1995 |
| 34 | Belgium | Leffinge 2 | 51.1444° | 2.8703° | IRPA 338 | 3225 ± 160 | 3259 - 3640 | -0.16 | -0.1 | ± 0.1 | wood (0.4) | top | yes | Denys and Baeteman, 1995 |
| 36 | Belgium | Leffinge 2 | 51.1444° | 2.8703° | IRPA 283 | 3140 ± 165 | 3159 - 3554 | -0.16 | -0.1 | ± 0.1 | fen peat (0.4) | top | yes | Denys and Baeteman, 1995 |
| 37 | Belgium | Leffinge 2 | 51.1444° | 2.8703° | Hv 8800 | 2960 ± 50 | 3060 - 3210 | -0.16 | -0.1 | ± 0.1 | fen peat (0.4) | top | yes | Denys and Baeteman, 1995 |
| A | Belgium | Drie Grachten | 50.9611° | 2.8250° | IRPA 520 | 7030 ± 80 | 7757 - 7972 | -9.18 | -9.08 | ± 0.1 | clayey peat | base | yes | Denys and Baeteman, 1995 |
| | | | | | | | | | | | | | | |
| 1 | Zeeland | Bouwlust | 51.6572° | 3.9711° | GrN 2283 | 7850 ± 100 | 8537 - 8777 | -13.65 | -13.58 | ± 0.12 | peat | base | | Jelgersma, 1961; in Kiden, 1995 |
| 2 | Zeeland | Stavenisse | 51.5842° | 4.0211° | GrN 16282 | 7730 ± 40 | 8430 - 8540 | -11.48 | -11.46 | ± 0.1 | *Phragmites* peat | base | | Vos, 1992; in Kiden, 1995 |
| 3 | Zeeland | Anna Jacobapolder | 51.6369° | 4.1194° | GrN 16938 | 7510 ± 150 | 8164 - 8427 | -13.73 | -13.7 | ± 0.11 | organic soil | | | Vos, 1992; in Kiden, 1995 |
| 4 | Zeeland | Anna Jacobapolder | 51.6369° | 4.1194° | GrN 16937 | 7290 ± 50 | 8029 - 8165 | -13.63 | -13.6 | ± 0.11 | wood peat | base | | Vos, 1992; in Kiden, 1995 |
| 5 | Zeeland | Veere | 51.5517° | 3.6572° | GrN 1580 | 7210 ± 90 | 7939 - 8153 | -7.76 | -7.73 | ± 0.11 | peat | base | | Jelgersma, 1961; in Kiden, 1995 |
| 6 | Zeeland | Gapinge | 51.5431° | 3.6347° | GrN 20276 | 7070 ± 50 | 7837 - 7941 | -6.75 | -6.7 | ± 0.3 | sandy peat | base | | RGD; in Kiden, 1995 |
| 7 | Zeeland | Middelburg | 51.5031° | 3.5914° | GrN 1626 | 6800 ± 85 | 7571 - 7697 | -6.52 | -6.49 | ± 0.11 | peat | base | | Jelgersma, 1961; in Kiden, 1995 |
| 8 | Zeeland | Scherpenisse | 51.5514° | 4.1089° | GrN 16946 | 6730 ± 50 | 7512 - 7656 | -8.45 | -8.43 | ± 0.1 | sandy peat | base | | Vos, 1992; in Kiden, 1995 |
| 9 | Zeeland | Waarde | 51.4272° | 4.0717° | GrN 1112 | 6370 ± 85 | 7245 - 7419 | -6.4 | -6.38 | ± 0.1 | peat/organic soil | base | | Jelgersma, 1961; in Kiden, 1995 |
| 10 | Zeeland | Kreekrak | 51.4300° | 4.2292° | GrN 16942 | 6330 ± 70 | 7205 - 7323 | -7.62 | -7.6 | ± 0.1 | sandy organic soil | | | Vos, 1992; in Kiden, 1995 |
| 11 | Zeeland | Kreekrak | 51.4300° | 4.2292° | GrN 16941 | 6290 ± 45 | 7161 - 7266 | -7.56 | -7.54 | ± 0.1 | *Phragmites* peat | base | | Vos, 1992; in Kiden, 1995 |
| 12 | Zeeland | Perkpolder | 51.3972° | 4.0050° | GrN 1045 | 6240 ± 70 | 7027 - 7248 | -5.25 | -5.2 | ± 0.11 | peat | base | | Jelgersma, 1961; in Kiden, 1995 |
| 13 | Zeeland | Berendrechtsluis | 51.3500° | 4.2667° | IRPA 769 | 6000 ± 75 | 6731 - 6909 | -4.24 | -4.2 | ± 0.11 | wood peat | base | | Kiden, 1989; in Kiden, 1995 |
| 15 | Zeeland | Ellewoutsdijk | 51.3903° | 3.8069° | GrN 1571 | 5820 ± 70 | 6535 - 6721 | -4.09 | -4.05 | ± 0.11 | peat | base | | Jelgersma, 1961; in Kiden, 1995 |
| 16 | Zeeland | Oude Stoof 4-2 | 51.3436° | 3.9883° | GrN 1120 | 5790 ± 70 | 6499 - 6663 | -3.55 | -3.5 | ± 0.11 | *Phragmites* peat | base | | RGD; in Kiden, 1995 |
| 17 | Zeeland | Oude Stoof 3-1 | 51.3511° | 3.9733° | GrN 1042 | 5770 ± 100 | 6466 - 6666 | -3.8 | -3.77 | ± 0.11 | *Phragmites* peat | base | | Jelgersma, 1961; in Kiden, 1995 |
| 18 | Zeeland | Ritthem | 51.4536° | 3.6267° | GrN 405 | 5720 ± 120 | 6403 - 6643 | -4.44 | -4.4 | ± 0.11 | peat | base | | Jelgersma, 1961; in Kiden, 1995 |
| 19 | Zeeland | Oude Stoof 4-3 | 51.3436° | 3.9883° | GrN 1129 | 5695 ± 55 | 6407 - 6546 | -3.55 | -3.5 | ± 0.11 | *Phragmites* peat | base | | RGD; in Kiden, 1995 |
| 20 | Zeeland | Zeesluis Hingene-Wintham | 51.1169° | 4.3042° | IRPA 710 | 5550 ± 75 | 6282 - 6408 | -3.58 | -3.53 | ± 0.11 | wood peat | base | | Kiden, 1989; in Kiden, 1995 |
| 21 | Zeeland | Oude Stoof 3-2 | 51.3511° | 3.9733° | GrN 1121 | 5340 ± 80 | 5994 - 6198 | -3.8 | -3.77 | ± 0.11 | *Phragmites* peat | base | | RGD; in Kiden, 1995 |
| 22 | Zeeland | Zeesluis Hingene-Wintham | 51.1169° | 4.3042° | IRPA 741 | 5110 ± 70 | 5749 - 5924 | -2.78 | -2.73 | ± 0.11 | wood peat (0.8) | middle | yes | Kiden, 1989; in Kiden, 1995 |
| 23 | Zeeland | Groede | 51.3775° | 3.5094° | GrN 187 | 5100 ± 180 | 5642 - 5995 | -3.15 | -3.13 | ± 0.1 | peat | base | | Jelgersma, 1961; in Kiden, 1995 |
| 27 | Zeeland | Oosterweel | 51.2431° | 4.3861° | IRPA 713 | 3890 ± 65 | 4237 - 4415 | -2.01 | -1.96 | ± 0.11 | wood peat | base | | Kiden, 1989; in Kiden, 1995 |
| 29 | Belgium | Zeebrugge | 51.3172° | 3.2125° | Lv 855 | 4880 ± 65 | 5583 - 5707 | -3.18 | -3.08 | ± 0.2 | wood (alder) | base | | Denys and Baeteman, 1995 |
| 76 | Zeeland | Willemstad | 51.67° | 4.25° | GrN 4922 | 6400 ± 85 | 7264 - 7419 | -8 | | ± 0.1 | wooden statue in peat | base | | Louwe Kooijmans, 1976; in van de Plassche, 1982 |
| | | | | | | | | | | | | | | |
| 144 | Dutch west coast | Hillegersberg donk | | | GrN 7848 | 5685 ± 35 | 6410 - 6494 | -6.13 | -6.1 | ± 0.13 | fen peat | base | | van de Plassche, 1982 |
| 145 | Dutch west coast | Hillegersberg donk | | | GrN 7846 | 5560 ± 40 | 6304 - 6398 | -5.94 | -5.9 | ± 0.14 | fen peat | base | | van de Plassche, 1982 |
| 147 | Dutch west coast | Hillegersberg donk | | | GrN 7844 | 5440 ± 35 | 6200 - 6286 | -5.75 | -5.71 | ± 0.14 | fen peat | base | | van de Plassche, 1982 |
| 149 | Dutch west coast | Hillegersberg donk | | | GrN 7842 | 5490 ± 80 | 6198 - 6397 | -5.44 | -5.42 | ± 0.12 | fen peat | base | | van de Plassche, 1982 |
| 150 | Dutch west coast | Hillegersberg donk | | | GrN 7841 | 5275 ± 45 | 5946 - 6169 | -5.27 | -5.23 | ± 0.14 | fen peat | base | | van de Plassche, 1982 |
| 151 | Dutch west coast | Hillegersberg donk | | | GrN 7840 | 5070 ± 40 | 5750 - 5891 | -4.84 | -4.8 | ± 0.14 | fen peat | base | | van de Plassche, 1982 |
| 152 | Dutch west coast | Hillegersberg donk | | | GrN 7838 | 4925 ± 40 | 5602 - 5706 | -4.47 | -4.43 | ± 0.14 | fen peat | base | | van de Plassche, 1982 |
| 153 | Dutch west coast | Hillegersberg donk | | | GrN 7835 | 4655 ± 55 | 5313 - 5465 | -4 | -3.98 | ± 0.12 | fen peat | base | | van de Plassche, 1982 |
| 154 | Dutch west coast | Hillegersberg donk | | | GrN 7834 | 4500 ± 60 | 5048 - 5290 | -3.71 | -3.69 | ± 0.12 | fen peat | base | | van de Plassche, 1982 |
| 155 | Dutch west coast | Hillegersberg donk | | | GrN 7833 | 4525 ± 40 | 5065 - 5300 | -3.36 | -3.32 | ± 0.14 | fen peat | base | | van de Plassche, 1982 |
| 6 | Dutch west coast | Loosduinen | | | | 2275 ± 75 | 2154 - 2349 | -0.75 | | ± 0.2 | inhabited peat surface | top | | Bennema, 1954; in van de Plassche, 1982 |
| 166 | Dutch west coast | Rijksweg donk | | | GrN 8912 | 5955 ± 45 | 6725 - 6852 | -6.54 | -6.5 | ± 0.14 | wood peat | base | | van de Plassche, 1982 |
| 167 | Dutch west coast | Rijksweg donk | | | GrN 8434 | 3820 ± 90 | 4089 - 4353 | -2.62 | -2.6 | ± 0.12 | wood peat | base | | van de Plassche, 1982 |
| 168 | Dutch west coast | Rijksweg donk | | | GrN 8433 | 3510 ± 90 | 3685 - 3893 | -2.38 | -2.35 | ± 0.13 | wood peat | base | | van de Plassche, 1982 |
| 169 | Dutch west coast | Rijksweg donk | | | GrN 8432 | 3530 ± 80 | 3692 - 3898 | -2.01 | -1.98 | ± 0.13 | wood peat | base | | van de Plassche, 1982 |
| 170 | Dutch west coast | Rijksweg donk | | | GrN 8431 | 3455 ± 35 | 3641 - 3822 | -1.8 | -1.78 | ± 0.12 | wood peat | base | | van de Plassche, 1982 |
| 171 | Dutch west coast | Rijksweg donk | | | GrN 8799 | 2985 ± 30 | 3079 - 3211 | -1.5 | | ± 0.1 | oak root | | | van de Plassche, 1982 |
| 172 | Dutch west coast | Rijksweg donk | | | GrN 8798 | 2700 ± 45 | 2761 - 2845 | -1.5 | | ± 0.1 | alder roots | | | van de Plassche, 1982 |

| index no. [1] | country / region | site location | coordinates | | lab no. | 14C age | 1σ calibrated age | sample depth | sample depth | altitude error | dated material | stratigraphic | compaction | reference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lat. N | Long. E | | (yrs BP) | (cal. yrs BP) [2] | max. (m NN) [3] | min. (m NN) | (m) | (thickness of peat layer in m) | position in peat | expected | |
| 28 | Dutch west coast | donk of Brandwijk 2 | | | GrN 192 | 2830 ± 135 | 2782 - 3079 | -1.15 | -1.11 | ± 0.14 | fen-wood peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 29 | Dutch west coast | donk of Brandwijk 4 | | | GrN 191 | 4590 ± 150 | 5046 - 5469 | -3.31 | -3.29 | ± 0.12 | fen-wood peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 37 | Dutch west coast | donk of Barendrecht VII | | | GrN 1146 | 4270 ± 55 | 4726 - 4872 | -3.24 | -3.19 | ± 0.15 | fen-wood peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 38 | Dutch west coast | donk of Barendrecht X | | | GrN 1147 | 3900 ± 70 | 4236 - 4419 | -2.67 | -2.63 | ± 0.14 | fen-wood peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 39 | Dutch west coast | donk of Barendrecht XII | | | GrN 1148 | 3480 ± 50 | 3690 - 3828 | -1.97 | -1.92 | ± 0.15 | fen-wood peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 174 | Dutch west coast | M1 Maaldrift | | | GrN 8414 | 2955 ± 50 | 3026 - 3209 | -0.62 | -0.6 | ± 0.05 | wood peat, sandy | | | van de Plassche, 1982 |
| 175 | Dutch west coast | M2 Maaldrift | | | GrN 8415 | 2985 ± 35 | 3078 - 3212 | -0.94 | -0.91 | ± 0.06 | wood peat, sandy | | | van de Plassche, 1982 |
| 177 | Dutch west coast | M4 Maaldrift | | | GrN 8417 | 3315 ± 25 | 3476 - 3570 | -1.27 | -1.24 | ± 0.06 | fen-wood peat, non-clayey | | | van de Plassche, 1982 |
| 178 | Dutch west coast | M5 Maaldrift | | | GrN 8418 | 3565 ± 40 | 3776 - 3909 | -1.6 | -1.58 | ± 0.05 | clayey wood peat | | | van de Plassche, 1982 |
| 180 | Dutch west coast | M7 Maaldrift | | | GrN 8420 | 3615 ± 40 | 3865 - 3979 | -1.99 | -1.96 | ± 0.06 | *Phragmites* peat | base | | van de Plassche, 1982 |
| 182 | Dutch west coast | M12 Maaldrift | | | GrN 8910 | 3515 ± 55 | 3696 - 3840 | -1.48 | -1.46 | ± 0.05 | fen-wood peat | | | van de Plassche, 1982 |
| 188 | Dutch west coast | W1 Wassenaar | | | GrN 8909 | 3495 ± 55 | 3692 - 3831 | -1.65 | -1.63 | ± 0.05 | sedge peat | | | van de Plassche, 1982 |
| 190 | Dutch west coast | R3 Rijksdorp | | | GrN 8907 | 3325 ± 30 | 3478 - 3628 | -0.91 | -0.89 | ± 0.05 | sedge peat | | | van de Plassche, 1982 |
| 2 | Dutch west coast | Velsen | | | GrN 75 | 7140 ± 200 | 7786 - 8163 | -14.25 | | ± 0.7 | wood in basal peat | top | yes | Bennema, 1954; in van de Plassche, 1982 |
| 3 | Dutch west coast | Haarlemmermeer polder | | | | 4500 ± 200 | 4864 - 5327 | -4.15 | | ± 0.3 | sea-clay on sand | | | Bennema, 1954; in van de Plassche, 1982 |
| 22 | Dutch west coast | Koegras II | | | GrN 476 | 4925 ± 90 | 5587 - 5749 | -4.72 | -4.7 | ± 0.2 | fen peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 26 | Dutch west coast | Velsen | | | GrN 161 | 7745 ± 200 | 8356 - 8778 | -16.1 | | ± 0.1 | *Alnus* roots | | | Jelgersma, 1961; in van de Plassche, 1982 |
| 66 | Dutch west coast | St. Maartensvlotbrug | | | GrN 1633 | 6080 ± 60 | 6803 - 7006 | -7.22 | -7.17 | ± 0.1 | fen peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 118 | Dutch west coast | Zwaagdijk | | | GrN 8098 | 6980 ± 40 | 7743 - 7842 | -12.6 | -12.58 | ± 0.1 | fen peat | base | | Jelgersma, 1979; in van de Plassche, 1982 |
| 5 | Dutch North Sea | west | 52.50° | 3.80° | Pollen A | 8400 ± 300 | 9000 - 9771 | -26 | | ± 1 | peat | base | | Jelgersma, 1961; in Kiden et al., 2002 |
| 6 | Dutch North Sea | west | 52.50° | 3.50° | Pollen D | 8500 ± 300 | 9127 - 9892 | -28 | | ± 1 | peat | base | | Jelgersma, 1961; in Kiden et al., 2002 |
| 7 | Dutch North Sea | west | 52.50° | 3.25° | Pollen C | 8700 ± 300 | 9472 - 10180 | -33 | | ± 1 | peat | base | | Jelgersma, 1961; in Kiden et al., 2002 |
| 8 | Dutch North Sea | west | 52.50° | 2.92° | Pollen B | 9000 ± 300 | 9691 - 10430 | -35 | | ± 1 | peat | base | | Jelgersma, 1961; in Kiden et al., 2002 |
| 14 | Dutch north coast | Farmsum B1 | | | GrN 621 | 6460 ± 145 | 7249 - 7492 | -6.2 | -6.17 | ± 0.1 | fen-wood peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 16 | Dutch north coast | Winschoten 518 | | | GrN 1091 | 5050 ± 80 | 5725 - 5902 | -4.23 | -4.19 | ± 0.1 | fen peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 17 | Dutch north coast | Winschoten 515 | | | GrN 1088 | 4350 ± 75 | 4834 - 5036 | -3.03 | -2.98 | ± 0.1 | fen peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 18 | Dutch north coast | Winschoten 513b | | | GrN 1090 | 3350 ± 60 | 3477 - 3638 | -1.92 | -1.87 | ± 0.1 | fen peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 19 | Dutch north coast | Winschoten 512 | | | GrN 1089 | 2950 ± 70 | 2995 - 3210 | -0.94 | -0.9 | ± 0.1 | fen peat | base | | Jelgersma, 1961; in van de Plassche, 1982 |
| 100 | Dutch north coast | Ezinge | | | | 2500 ± 75 | 2486 - 2734 | -0.6 | | ± 0.25 | inhabited salt-marsh surface | | yes | Louwe Kooijmans, 1976; in van de Plassche, 1982 |
| 121 | Dutch north coast | Engwierumer Polder V | | | GrN 7641 | 5800 ± 40 | 6548 - 6662 | -7.05 | -7.01 | ± 0.18 | fen peat | base | | Griede, 1978; in van de Plassche, 1982 |
| 122 | Dutch north coast | Stiens VI | | | GrN 7644 | 4760 ± 30 | 5471 - 5583 | -4.31 | -4.26 | ± 0.15 | peat | base | | Griede, 1978; in van de Plassche, 1982 |
| | | | | | | | | | | | | | | |
| Alm12 | Dutch central area | Almere | 52.32° | 5.28° | UtC 9100 | 5490 ± 45 | 6202 - 6311 | -6.09 | | ± 0.1 | peat | base | | Makaske et al., 2003 |
| Alm 13 | Dutch central area | Almere | 52.32° | 5.28° | UtC 9101 | 5719 ± 43 | 6444 - 6553 | -6.72 | | ± 0.1 | peat | base | | Makaske et al., 2003 |
| Alm 14 | Dutch central area | Almere | 52.32° | 5.28° | UtC 9102 | 5861 ± 43 | 6637 - 6732 | -7.08 | | ± 0.1 | peat | base | | Makaske et al., 2003 |
| Alm 15 | Dutch central area | Almere | 52.32° | 5.28° | UtC 9103 | 5980 ± 46 | 6744 - 6866 | -7.56 | | ± 0.1 | peat | base | | Makaske et al., 2003 |
| Alm 23/25/26 | Dutch central area | Almere | 52.35° | 5.22° | UtC 9109, 9111, 9112 av. | 6334 ± 30 | 7246 - 7309 | -9.34 | | ± 0.1 | peat | base | | Makaske et al., 2003 |
| Alm 27/28 | Dutch central area | Almere | 52.35° | 5.22° | UtC 9113, 9114 av. | 6330 ± 35 | 7240 - 7310 | -9.19 | | ± 0.1 | peat | base | | Makaske et al., 2003 |
| 77 | Dutch central area | Swifterbant | 52.55° | 5.65° | GrN 5067 | 5610 ± 60 | 6310 - 6441 | -6.2 | | ± 0.25 | fen peat | base | | Louwe Kooijmans, 1976; in van de Plassche, 1982 |
| 78 | Dutch central area | Swifterbant | 52.55° | 5.65° | GrN 7043 | 5300 ± 50 | 5992 - 6171 | -5.35 | | ± 0.25 | tidal creek levee | | yes | Louwe Kooijmans, 1976; in van de Plassche, 1982 |
| 8 | Dutch central area | Schokland | 52.62° | 5.78° | GrN 15130 | 4720 ± 90 | 5325 - 5581 | -4.68 | -4.66 | ± 0.12 | *Juncus* peat | | | Roeleveld and Gotjé, 1993 |
| 12 | Dutch central area | Schokland | 52.62° | 5.78° | GrN 16367 | 4320 ± 60 | 4832 - 4966 | -4 | -3.97 | ± 0.12 | sedge with birch peat | base | | Roeleveld and Gotjé, 1993 |
| 13 | Dutch central area | Schokland | 52.62° | 5.78° | GrN 16373 | 4350 ± 45 | 4855 - 4966 | -4.13 | -4.1 | ± 0.14 | dry sedge with birch peat | base | | Roeleveld and Gotjé, 1993 |
| 14 | Dutch central area | Schokland | 52.62° | 5.78° | GrN 16366 | 4790 ± 70 | 5466 - 5599 | -4.42 | -4.39 | ± 0.2 | dry sedge with birch peat | base | | Roeleveld and Gotjé, 1993 |
| 15 | Dutch central area | Schokland | 52.62° | 5.78° | GrN 16370 | 4880 ± 60 | 5584 - 5661 | -4.81 | -4.78 | ± 0.15 | sedge with birch peat | base | | Roeleveld and Gotjé, 1993 |
| 16 | Dutch central area | Schokland | 52.62° | 5.78° | GrN 16369 | 4920 ± 60 | 5597 - 5709 | -4.93 | -4.91 | ± 0.15 | sedge peat | base | | Roeleveld and Gotjé, 1993 |
| 17 | Dutch central area | Schokland | 52.62° | 5.78° | GrN 16368 | 4990 ± 60 | 5647 - 5863 | -5.19 | -5.16 | ± 0.15 | sedge peat | base | | Roeleveld and Gotjé, 1993 |
| 18 | Dutch central area | Schokland | 52.62° | 5.78° | GrN 16372 | 5000 ± 60 | 5655 - 5884 | -5.38 | -5.35 | ± 0.15 | very wet sedge peat | base | | Roeleveld and Gotjé, 1993 |
| 19 | Dutch central area | Schokland | 52.62° | 5.78° | GrN 16371 | 5160 ± 40 | 5891 - 5987 | -5.73 | -5.7 | ± 0.15 | sedge with birch peat | base | | Roeleveld and Gotjé, 1993 |
| B2 22/23 | Dutch central area | Schokland | 52.62° | 5.78° | GrA 16219, 16225 av. | 3365 ± 40 | 3553 - 3685 | -2.37 | -2.35 | ± 0.1 | *Phragmites* peat | base | | van de Plassche et al., 2005 |
| A3 24/25 | Dutch central area | Schokland | 52.62° | 5.78° | GrA 16216, 16217 av. | 3655 ± 40 | 3905 - 4075 | -2.86 | -2.85 | ± 0.1 | sedge-carr peat | base | | van de Plassche et al., 2005 |
| C4 28 | Dutch central area | Schokland | 52.62° | 5.78° | GrA 12714 | 4340 ± 50 | 4847 - 4966 | -3.89 | -3.87 | ± 0.1 | birch-carr peat | base | | van de Plassche et al., 2005 |
| D1 32 | Dutch central area | Schokland | 52.62° | 5.78° | GrA 12718 | 4570 ± 50 | 5067 - 5441 | -4.68 | -4.67 | ± 0.1 | sedge-carr peat | base | | van de Plassche et al., 2005 |
| | | | | | | | | | | | | | | |
| 5 | German Coast | Marne B35 | 53.94° | 8.98° | Hv 6189 | 8000 ± 60 | 8928 - 9007 | -29 | | ± 0.1 | limnic vs. tidal sediments | | | Menke, 1976; Behre et al., 1979; in Behre 2003 |
| 6 | German Coast | Wangerooge A10 | 53.87° | 7.91° | Hv 8602 | 7960 ± 205 | 8540 - 9032 | -24.23 | | ± 0.5 | base tidal flat with *Phragmites* roots | | | Ludwig et al., 1979; in Behre 2003 |
| 7 | German Coast | Wangerooge A10 | 53.87° | 7.91° | Hv 8601 | 7980 ± 60 | 8768 - 8998 | -23.6 | | ± 0.5 | base tidal flat with *Phragmites* roots | | | Ludwig et al., 1979; in Behre 2003 |
| 8 | German Coast | Wangerooge A10 | 53.87° | 7.91° | Hv 8600 | 7540 ± 80 | 8210 - 8406 | -23.16 | | ± 0.5 | base tidal flat with *Phragmites* roots | | | Ludwig et al., 1979; in Behre 2003 |
| 9 | German Coast | Scharhörn 56/67 | 53.95° | 8.41° | Hv 2575 | 7790 ± 90 | 8420 - 8646 | -24.4 | | ± 0.1 | base tidal flat | | | Linke, 1982; in Behre 2003 |
| 10 | German Coast | Scharhörn 58/67 | 53.95° | 8.46° | Hv 2143 | 7720 ± 65 | 8417 - 8541 | -24.34 | | ± 0.1 | *Phragmites* peat (0.17) | top | | Linke, 1982; in Behre 2003 |
| 11 | German Coast | Neuwerk 60/67 | 53.94° | 8.48° | Hv 2242 | 7280 ± 230 | 7928 - 8339 | -21.31 | | ± 0.1 | roots from brackish plants | | | Linke, 1982; in Behre 2003 |
| 12 | German Coast | GK Hooksiel G57 | 53.67° | 8.05° | Hv 11607 | 6975 ± 110 | 7690 - 7925 | -14.32 | | ± 0.1 | *Phragmites* peat (0.15) | top | | Streif, 1985; in Behre 2003 |
| 13 | German Coast | Land Würden II/I | 53.51° | 8.53° | Hv 7195 | 7110 ± 65 | 7841 - 7975 | -13.28 | | ± 0.1 | peat | base | | Preuss, 1979; in Behre 2003 |
| 14 | German Coast | GK Wilhelmshaven G738 | 53.56° | 8.05° | Hv 8928 | 7070 ± 150 | 7728 - 7982 | -12.37 | | ± 0.1 | fen peat (0.21) | top | yes | Streif, 1981; in Behre 2003 |
| 15 | German Coast | GK Emden-West G320 | 53.42° | 7.19° | Hv 6306 | 6345 ± 120 | 7177 - 7420 | -12.4 | | ± 0.1 | wood on clastic Holocene | | | Barckhausen, 1984; in Behre 2003 |
| 16 | German Coast | Land Würsten I/4 | 53.67° | 8.54° | Hv 7133 | 6855 ± 90 | 7610 - 7754 | -11.5 | | ± 0.1 | *Phragmites* peat (0.5) | top | yes | Preuss, 1979; in Behre 2003 |

| index no. [1] | country / region | site location | coordinates | | lab no. | 14C age | 1σ calibrated age | sample depth | sample depth | altitude error | dated material | stratigraphic | compaction | reference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lat. N | Long. E | | (yrs BP) | (cal. yrs BP) [2] | max. (m NN) [3] | min. (m NN) | (m) | (thickness of peat layer in m) | position in peat | expected | |
| 17 | German Coast | GK Emden-West G103 | 53.39° | 7.04° | Hv 6321 | 6385 ± 75 | 7252 - 7417 | -10.66 | | ± 0.1 | wood on clastic Holocene | | | Barckhausen, 1984; in Behre 2003 |
| 18 | German Coast | GK Emden-West G81 | 53.41° | 7.16° | Hv 4755 | 6320 ± 195 | 7003 - 7425 | -9.92 | | ± 0.1 | wood on clastic Holocene | | | Barckhausen, 1984; in Behre 2003 |
| 19 | German Coast | GK Wilhelmshaven G479 | 53.51° | 8.02° | Hv 8944 | 5685 ± 310 | 6171 - 6807 | -7.92 | | ± 0.1 | wood on clastic Holocene | | | Streif, 1981; in Behre 2003 |
| 20 | German Coast | GK Wilhelmshaven G743 | 53.51° | 8.02° | Hv 8936 | 6105 ± 80 | 6859 - 7028 | -6.73 | | ± 0.1 | fen peat | base | | Streif, 1981; in Behre 2003 |
| 21 | German Coast | GK Wilhelmshaven G743 | 53.51° | 8.02° | Hv 8935 | 5765 ± 115 | 6443 - 6669 | -6.55 | | ± 0.1 | *Phragmites* peat (0.23) | top | yes | Streif, 1981; in Behre 2003 |
| 22 | German Coast | GK Hooksiel G24 | 53.62° | 8.02° | Hv 9944 | 5575 ± 105 | 6280 - 6485 | -5.92 | | ± 0.1 | *Phragmites* peat | top | yes | Streif, 1985; in Behre 2003 |
| 23 | German Coast | GK Wilhelmshaven G749 | 53.51° | 8.02° | Hv 8943 | 5300 ± 90 | 5947 - 6176 | -7.05 | | ± 0.1 | *Phragmites* peat (0.46) | top | yes | Streif, 1981; in Behre 2003 |
| 24 | German Coast | Wilhelmshaven Kanalweg | 53.53° | 8.09° | Pollen | 5150 ± 50 | 5764 - 5986 | -7.1 | | ± 0.1 | *Phragmites* peat | top | yes | Behre et al., 1975; in Behre 2003 |
| 25 | German Coast | GK Emden G170 | 53.37° | 7.30° | Hv 10453 | 5155 ± 55 | 5762 - 5987 | -5.94 | | ± 0.1 | wood on clastic Holocene | | | Barckhausen, 1984; in Behre 2003 |
| 26 | German Coast | GK Hooksiel G19 | 53.59° | 7.99° | Hv 9940 | 4655 ± 75 | 5305 - 5471 | -7.18 | | ± 0.1 | peat (0.65) | top | yes | Streif, 1985; in Behre 2003 |
| 27 | German Coast | Land Wursten III/7 | 53.79° | 8.55° | Hv 7434 | 4715 ± 85 | 5324 - 5579 | -5.97 | | ± 0.1 | swimming peat on lagunal sediments | base | yes | Preuss, 1979; in Behre 2003 |
| 28 | German Coast | GK Hooksiel G26 | 53.59° | 8.05° | Hv 9946 | 4710 ± 50 | 5326 - 5575 | -5.74 | | ± 0.1 | *Phragmites* peat | top | yes | Streif, 1985; in Behre 2003 |
| 29 | German Coast | Föhr, F 3/1 | 54.76° | 8.49° | KI 1050,01 | 4680 ± 100 | 5310 - 5579 | -5.13 | | ± 0.1 | basal peat (1.0) | top | yes | Hoffmann,1980; in Behre 2003 |
| 30 | German Coast | GK Wilhelmshaven G743 | 53.51° | 8.02° | Hv 8934 | 4570 ± 90 | 5049 - 5447 | -4.65 | | ± 0.1 | swimming *Phragmites* peat | base | yes | Streif, 1981; in Behre 2003 |
| 31 | German Coast | GK Wilhelmshaven G743 | 53.51° | 8.02° | Hv 8933 | 4340 ± 70 | 4833 - 4977 | -4.43 | | ± 0.1 | swimming *Phragmites* peat (0.26) | top | yes | Streif, 1981; in Behre 2003 |
| 32 | German Coast | Föhr, F 2/1 | 54.75° | 8.45° | KI 1049,02 | 4120 ± 75 | 4528 - 4813 | -3.93 | | ± 0.1 | basal peat (1.5) | top | yes | Hoffmann,1980; in Behre 2003 |
| 33 | German Coast | GK Hooksiel G24 | 53.62° | 8.02° | Hv 9943 | 4175 ± 65 | 4617 - 4828 | -3.6 | | ± 0.1 | swimming *Phragmites* peat | top | yes | Streif, 1985; in Behre 2003 |
| 34 | German Coast | Sehestedter Moor binnendeichs | 53.46° | 8.30° | Hv 8019 | 4160 ± 45 | 4616 - 4822 | -3.2 | | ± 0.1 | fen peat on brackish clay | base | yes | Streif, 1984; in Behre 2003 |
| 35 | German Coast | GK Wilhelmshaven G744 | 53.51° | 8.02° | Hv 8937 | 4035 ± 85 | 4411 - 4805 | -2.22 | | ± 0.1 | upper fen peat on clayey sands | base | | Streif, 1981; in Behre 2003 |
| 36 | German Coast | GK Wilhelmshaven G749 | 53.53° | 8.07° | Hv 8941 | 3775 ± 75 | 3989 - 4253 | -0.92 | | ± 0.1 | upper peat on brackish clay | base | yes | Streif, 1981; in Behre 2003 |
| 37 | German Coast | GK Wilhelmshaven G743 | 53.51° | 8.02° | Hv 8932 | 3585 ± 70 | 3825 - 3980 | -2.32 | | ± 0.1 | upper peat on brackish clay | base | yes | Streif, 1981; in Behre 2003 |
| 38 | German Coast | GK Hooksiel G44 | 53.61° | 8.02° | Hv 10674 | 3375 ± 85 | 3476 - 3693 | -1.19 | | ± 0.1 | upper peat on clayey sand | middle | yes | Streif, 1985; in Behre 2003 |
| 39 | German Coast | Wilhelmshaven Kanalweg | 53.53° | 8.09° | Hv 6904 | 3255 ± 100 | 3378 - 3584 | -0.74 | | ± 0.1 | upper peat on brackish clay | base | yes | Behre et al., 1975; in Behre 2003 |
| 40 | German Coast | GK Hooksiel G19 | 53.59° | 7.99° | Hv 9939 | 3250 ± 80 | 3384 - 3554 | -0.18 | | ± 0.1 | fen peat on brackish clay (0.08) | | yes | Streif, 1985; in Behre 2003 |
| 41 | German Coast | Feddersen wierde Untergrund | 53.69° | 8.52° | Pollen | | 3150 - 3350 | -0.65 | | ± 0.1 | upper peat | base | | Körber-Grohne, 1967; in Behre 2003 |
| 42 | German Coast | Sehestedter Moor außendeichs | 53.46° | 8.30° | KI 4159,09 | 2980 ± 25 | 3079 - 3209 | -0.22 | | ± 0.1 | upper peat on brackish clay | base | yes | Behre and Kučan, 1999; in Behre 2003 |
| 43 | German Coast | Rodenkirchen | 53.40° | 8.44° | archeology + 14C | | 2800-2900 | -1.8 | | ± 0.1 | lower settlement layer on shore bank | | yes | Strahl, 2002; in Behre 2003 |
| 44 | German Coast | Esing-Haferacker/Eiderstedt | 54.30° | 8.68° | Hv 6753 | 2630 ± 60 | 2712 - 2792 | -0.9 | | ± 0.1 | Peat layer in beach bank | | | Menke, 1988; in Behre 2003 |
| 45 | German Coast | Jemgum I VEZ | 53.27° | 7.39° | archeology | | 2550-2650 | -1.36 | | ± 0.1 | lower settlement layer on shore bank | | | Haarnagel, 1957; in Behre 2003 |
| 46 | German Coast | Hatzum-Boomborg SS 1 A | 53.31° | 7.35° | archeology + 14C | | 2450-2550 | -1.7 | | ± 0.1 | lower settlement layer on shore bank | | | Haarnagel, 1969; in Behre 2003 |
| 47 | German Coast | Jemgumkloster VEZ | 53.25° | 7.40° | archeology | | 2450-2550 | -1.66 | | ± 0.1 | lower settlement layer on shore bank | | | Brandt, 1980; in Behre 2003 |
| 48 | German Coast | Hatzum-Boomborg | 53.31° | 7.35° | GrN 4669 | 2445 ± 35 | 2360 - 2706 | -1.7 | | ± 0.1 | House pillar of settlement 1 A | | | Haarnagel, 1969; in Behre 2003 |
| 49 | German Coast | Rheiderland | 53.31° | 7.35° | Hv 2051 | 2330 ± 50 | 2207 - 2433 | -1.2 | | ± 0.1 | Birch stubs on bank | | | Behre, 1970; in Behre 2003 |
| 50 | German Coast | Hatzum-Boomborg | 53.31° | 7.35° | GrN 4668 | 2340 ± 30 | 2335 - 2355 | -1.2 | | ± 0.1 | House pillar of settlement 2 | | | Haarnagel, 1969; in Behre 2003 |
| 51 | German Coast | Hatzum-Boomborg SS 5 | 53.31° | 7.35° | archeology | | 2250-2350 | -0.8 | | ± 0.1 | Base of settlement layer 5 (on bank) | | | Haarnagel, 1969; in Behre 2003 |
| 52 | German Coast | Westdorf | 53.68° | 7.31° | archeology | | 1850-1950 | -1 | | ± 0.1 | Base settlement plain | | | Haarnagel, 1980; in Behre 2003 |
| 53 | German Coast | Jemgumkloster SS 3 | 53.25° | 7.40° | archeology | | 2020-2080 | -1 | | ± 0.1 | Base of settlement layer 3 on D I b sediments | | | Brandt, 1980; in Behre 2003 |
| 54 | German Coast | Barward SS 1 | 53.65° | 8.53° | archeology | | 1950-2000 | -0.75 | | ± 0.1 | Base of settlement layer on bank | | | Brandt, 1980; in Behre 2003 |
| 55 | German Coast | Feddersen Wierde SS 1 a | 53.69° | 8.52° | archeology | | 1950-2050 | -0.7 | | ± 0.1 | Base settlement plain 1 a on bank | | | Haarnagel, 1979; in Behre 2003 |
| 56 | German Coast | Bentumersiel SS 1 | 53.27° | 7.39° | archeology | | 1950-2000 | -0.8 | | ± 0.1 | Base of settlement layer on bank | | | Brandt, 1980; in Behre 2003 |
| 57 | German Coast | Eppingawehr | 53.29° | 7.39° | archeology | | 1850-1950 | -0.8 | | ± 0.1 | Base of settlement layer on bank | | | Brandt, 1980; in Behre 2003 |
| 58 | German Coast | Förriesdorf/Zissenhausen | 53.58° | 7.86° | archeology | | 1850-1950 | -0.65 | | ± 0.1 | Base of settlement layer | | | Brandt, 1980; in Behre 2003 |
| 59 | German Coast | Seeverns | 53.56° | 8.28° | archeology | | 1850-1950 | -0.6 | | ± 0.1 | Base of settlement layer | | | Brandt, 1980; in Behre 2003 |
| 60 | German Coast | Hodorf SS 1 | 53.88° | 9.43° | archeology | | 1750-1850 | -0.8 | | ± 0.1 | Base of settlement layer 1 | | | Brandt, 1980; in Behre 2003 |
| 61 | German Coast | Hatzum-Boomborg RKZ | 53.31° | 7.35° | archeology | | 1920-1980 | -0.7 | | ± 0.1 | footbridge in tidal gully | | | Haarnagel, 1980; in Behre 2003 |
| 62 | German Coast | Feddersen Wierde SS 1 c | 53.69° | 8.52° | archeology | | 1905-1925 | -0.3 | | ± 0.1 | Base of settlement layer 1 c (plain) | | | Haarnagel, 1979; in Behre 2003 |
| 63 | German Coast | Lüdingworth Osterende | 53.82° | 8.86° | archeology | | 1850-1950 | -0.35 | | ± 0.1 | Base of settlement layer | | | Brandt, 1980; in Behre 2003 |
| 64 | German Coast | Tholendorf/Eiderstedt | 54.30° | 8.68° | Hv 3371 | 1925 ± 65 | 1816 - 1949 | -0.3 | | ± 0.1 | Peat horizon in beach bank | | | Menke, 1988; in Behre 2003 |
| 65 | German Coast | Ostermoor | 53.93° | 9.17° | archeology | | 1850-1900 | -0.3 | | ± 0.1 | Base of settlement layer | | yes | Bantelmann, 1960; in Behre 2003 |
| 66 | German Coast | Feddersen Wierde SS 1 c | 53.69° | 8.52° | archeology | | 1905-1925 | -0.25 | | ± 0.1 | footbridge | | | Haarnagel, 1979; in Behre 2003 |
| 67 | German Coast | Einswarden, Flachsiedlung | 53.54° | 8.53° | archeology | | 2000-2080 | -0.2 | | ± 0.1 | Base of settlement layer on bank | | | Brandt, 1980; in Behre 2003 |
| 68 | German Coast | Ritsch | 53.74° | 9.40° | archeology | | 1900-2000 | -0.2 | | ± 0.1 | Base of settlement layer | | | Brandt, 1980; in Behre 2003 |
| 69 | German Coast | Tiebensee (Dithmarschen) | 54.23° | 8.99° | archeology | | 1850-1950 | 0 | | ± 0.1 | Base of settlement layer of living space 1 | | | Meier, 2001a; in Behre 2003 |
| 70 | German Coast | Borkum BO 1 b | 53.60° | 6.68° | Hv 22942 | 2090 ± 115 | 1923 - 2157 | -0.11 | | ± 0.1 | *Hydrobia ulvae* | | | Freund and Streif, 2000; in Behre 2003 |
| 71 | German Coast | Barnkrug | 53.72° | 9.42° | archeology | | 1900-2000 | -0.15 | | ± 0.1 | Base of settlement layer | | | Brandt, 1980; in Behre 2003 |
| 72 | German Coast | Feddersen Wierde SS 2 | 53.69° | 8.52° | archeology | | 1825-1875 | -0.15 | | ± 0.1 | Lowermost house of settlement layer 2 | | | Haarnagel, 1979; in Behre 2003 |
| 73 | German Coast | Juist | 53.68° | 6.90° | Hv 13131 | 1965 ± 130 | 1768 - 2062 | 0.08 | | ± 0.1 | "Groden" surface | | | Streif, 1986; in Behre 2003 |
| 74 | German Coast | Süderbusenwurth/Dithmarschen | 54.05° | 9.01° | archeology | | 1800-1804 | 0.5 | | ± 0.1 | House of the lowermost settlement layer | | | Meier, 2001b; in Behre 2003 |
| 75 | German Coast | Borkum BO 2 | 53.62° | 6.80° | Hv 22943 | 2120 ± 115 | 1987 - 2304 | -0.1 | | ± 0.1 | *Cerastoderme edule* | | | Freund and Streif, 2000; in Behre 2003 |
| 76 | German Coast | Tofting | 54.35° | 8.94° | archeology | | 1800-1850 | 0.45 | | ± 0.1 | Base of lower settlement layer on bank | | | Bantelmann et al., 1984; in Behre 2003 |
| 77 | German Coast | Feddersen Wierde SS 3 | 53.69° | 8.52° | archeology | | 1775-1825 | 0.35 | | ± 0.1 | lowermost house of settlement layer 3 | | | Haarnagel, 1979; in Behre 2003 |
| 78 | German Coast | Langwarden | 53.62° | 8.31° | archeology | | 1725-1775 | 0.4 | | ± 0.1 | Base of settlement layer on bank | | | Brandt, 1980; in Behre 2003 |
| 79 | German Coast | Feddersen Wierde SS 4 | 53.69° | 8.52° | archeology | | 1725-1775 | 0.5 | | ± 0.1 | lowermost house on settlement layer 4 | | | Haarnagel, 1979; in Behre 2003 |
| 80 | German Coast | Feddersen Wierde SS 5 | 53.69° | 8.52° | archeology | | 1725-1775 | 0.65 | | ± 0.1 | lowermost house on settlement layer 5 | | | Haarnagel, 1979; in Behre 2003 |
| 81 | German Coast | Feddersen Wierde SS 6 | 53.69° | 8.52° | archeology | | 1625-1675 | 0.8 | | ± 0.1 | lowermost house on settlement layer 6 | | | Haarnagel, 1979; in Behre 2003 |
| 82 | German Coast | Feddersen Wierde SS 7 | 53.69° | 8.52° | archeology | | 1575-1625 | 0.4 | | ± 0.1 | lowermost house on settlement layer 7 | | | Haarnagel, 1979; in Behre 2003 |

| index no. [1] | country / region | site location | coordinates | | lab no. | 14C age | 1σ calibrated age | sample depth | sample depth | altitude error | dated material | stratigraphic | compaction | reference |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lat. N | Long. E | | (yrs BP) | (cal. yrs BP) [2] | max. (m NN) [3] | min. (m NN) | (m) | (thickness of peat layer in m) | position in peat | expected | |
| 83 | German Coast | Feddersen Wierde SS 8 | 53.69° | 8.52° | archeology | | 1522-1575 | 0.4 | | ± 0.1 | lowermost house on settlement layer 8 | | | Haarnagel, 1979; in Behre 2003 |
| 84 | German Coast | Wangerooge | 53.80° | 7.87° | Hv 9257 | 1540 ± 75 | 1385 - 1516 | 0.1 | | ± 0.1 | *Scrobicularia* in living position in upper tidal flat | | | Hanisch, 1980; in Behre 2003 |
| 85 | German Coast | Wangerooge | 53.80° | 7.87° | Hv 300 | 1450 ± 180 | 1174 - 1542 | 0.2 | | ± 0.1 | *Scrobicularia* in living position in upper tidal flat | | | Sindowski, 1969a; in Behre 2003 |
| 86 | German Coast | Wellinghusen SS 1 | 54.15° | 8.96° | archeology | | 1250-1270 | 1 | | ± 0.1 | plain of settlement layer 1 | | | Meier, 2001a; in Behre 2003 |
| 87 | German Coast | Elisenhof | 54.30° | 8.92° | archeology | | 1150-1250 | 0.6 | | ± 0.1 | bridge over tidal gully | | | Bantelmann, 1966; in Behre 2003 |
| 88 | German Coast | Elisenhof | 54.30° | 8.92° | archeology | | 1150-1250 | 0.6 | | ± 0.1 | plough land | | | Bantelmann, 1966; in Behre 2003 |
| 89 | German Coast | Elisenhof | 54.30° | 8.92° | archeology | | 1200-1250 | 0.6 | | ± 0.1 | surface of bank and base of "Wurt" | | | Bantelmann, 1975; in Behre 2003 |
| 90 | German Coast | Groothusen | 53.45° | 7.07° | archeology | | 1200-1250 | 0.2 | | ± 0.1 | Base of settlement layer II | | | Reinhardt, 1965; in Behre 2003 |
| 91 | German Coast | Niens SS 1 | 53.61° | 8.33° | archeology | | 1250-1300 | 0.5 | | ± 0.1 | Base of settlement layer 1 on bank | | | Brandt, 1991; in Behre 2003 |
| 92 | German Coast | Oldorf | 53.67° | 7.91° | archeology | | 1320-1330 | 0.4 | | ± 0.1 | Base of "wurt" on bank | | | Schmid, 1994; in Behre 2003 |
| 93 | German Coast | Juist | 53.68° | 6.90° | Hv 13130 | 1185 ± 125 | 972 - 1233 | -0.02 | | ± 0.1 | "Groden" surface | | | Streif, 1986; in Behre 2003 |
| 94 | German Coast | Neuwarfen | 53.66° | 7.93° | Hv 20509 | 1205 ± 115 | 993 - 1240 | 0.05 | | ± 0.1 | Field as basis of "wurt" | | | Ey, 1995; in Behre 2003 |
| 95 | German Coast | Hatzum-Burg/Rheiderland | 53.33° | 7.34° | archeology | | 1050-1150 | -0.1 | | ± 0.1 | Base of settlement layer on bank | | | Brandt, 1980; in Behre 2003 |
| 96 | German Coast | Alte Boomborg/Rheiderland | 53.31° | 7.35° | archeology | | 975-1075 | -0.35 | | ± 0.1 | Base of settlement layer on bank | | | Brandt, 1980; in Behre 2003 |
| 97 | German Coast | Klunderborg/Rheiderland | 53.33° | 7.30° | archeology | | 1000-1100 | -0.5 | | ± 0.1 | Base of settlement layer on bank | | | Brandt, 1980; in Behre 2003 |
| 98 | German Coast | Pellworm | 54.51° | 8.63° | archeology | | 1050-1150 | -0.5 | | ± 0.1 | Base of settlement on plain | | | Higelke et al., 1984; in Behre 2003 |
| 99 | German Coast | Juist P 7 b | 53.68° | 6.90° | Hv 22575 | 920 ± 95 | 759 - 925 | 0.2 | | ± 0.1 | Groden | | | Freund and Streif, unpubl. data; in Behre 2003 |
| 100 | German Coast | Juist P 6 a | 53.68° | 6.90° | Hv 22570 | 650 ± 135 | 522 - 706 | -0.05 | | ± 0.1 | Groden | | | Freund and Streif, unpubl. data; in Behre 2003 |
| 101 | German Coast | Juist P 6 b | 53.68° | 6.90° | Hv 22568 | 670 ± 140 | 531 - 731 | 0.1 | | ± 0.1 | Groden | | | Freund and Streif, unpubl. data; in Behre 2003 |
| 102 | German Coast | Juist | 53.68° | 6.90° | Hv 22569 | 630 ± 100 | 546 - 662 | 0.4 | | ± 0.1 | brackish water reed | | | Freund and Streif, 2000; in Behre 2003 |
| 103 | German Coast | Borkum BO 1 a | 53.60° | 6.68° | Hv 22941 | 660 ± 60 | 560 - 664 | 0.27 | | ± 0.1 | bones of *Gavia stellata* in tidal flat | | | Freund and Streif, 2000; in Behre 2003 |
| 104 | German Coast | Juist P 8 | 53.68° | 6.90° | Hv 22576 | 410 ± 115 | 316 - 528 | 0.54 | | ± 0.1 | Groden | | | Freund and Streif, unpubl. data; in Behre 2003 |
| 105 | German Coast | Juist P 7 a | 53.68° | 6.90° | Hv 22572 | 440 ± 90 | 324 - 544 | 0.59 | | ± 0.1 | Groden | | | Freund and Streif, unpubl. data; in Behre 2003 |
| 106 | German Coast | Juist P 3 b | 53.68° | 6.90° | Hv 22563 | 515 ± 90 | 488 - 645 | 0.79 | | ± 0.1 | Groden | | | Freund and Streif, unpubl. data; in Behre 2003 |
| 107 | German Coast | Juist P 3 a | 53.68° | 6.90° | Hv 22561 | 570 ± 155 | 458 - 688 | 0.94 | | ± 0.1 | Groden surface | | | Freund and Streif, unpubl. data; in Behre 2003 |
| 108 | German Coast | Juist P 2 | 53.68° | 6.90° | Hv 22559 | 615 ± 75 | 551 - 650 | 0.99 | | ± 0.1 | Groden surface | | | Freund and Streif, unpubl. data; in Behre 2003 |
| 109 | German Coast | Juist P 1 | 53.68° | 6.90° | Hv 22554 | 555 ± 70 | 519 - 643 | 0.99 | | ± 0.1 | Groden surface | | | Freund and Streif, unpubl. data; in Behre 2003 |
| 110 | German Coast | Langeoog | 53.75° | 7.47° | Hv 1998 | 690 ± 110 | 550 - 709 | 0.86 | | ± 0.1 | vegetation horizon | | | Barckhausen, 1969; in Behre 2003 |
| 111 | German Coast | Wangerooge | 53.80° | 7.87° | Hv 12303 | 545 ± 80 | 513 - 645 | 1.15 | | ± 0.1 | roots from groden horizon | | | Streif, 1986; in Behre 2003 |
| 112 | German Coast | Sande | 53.48° | 8.05° | history | | 306 | 0.4 | | ± 0.1 | "Maifeld" during dike construction | | | Schütte, 1939; in Behre 2003 |
| 113 | German Coast | Cuxhaven | 53.87° | 8.71° | hydrology | | 166 | 1.04 | | ± 0.1 | Gauge measurement | | | Rohde, 1975; in Behre, 2003 |
| 114 | German Coast | Cuxhaven | 53.87° | 8.71° | hydrology | | 98 | 1.25 | | ± 0.1 | Gauge measurement | | | Rohde, 1975; in Behre, 2003 |
| 115 | German Coast | Cuxhaven | 53.87° | 8.71° | hydrology | | 50 | 1.3 | | ± 0.1 | Gauge measurement | | | Rohde, 1975; in Behre, 2003 |
| 116 | German Coast | Cuxhaven | 53.87° | 8.71° | hydrology | | 0 | 1.37 | | ± 0.1 | Gauge measurement | | | Rohde, 1975; in Behre, 2003 |
| | | | | | | | | | | | | | | |
| 5 | English North Sea | Dogger Bank 55/+02/213VE | 55.00° | 2.92° | AA22662 | 8140 ± 55 | 9011-9236 | -30.86 | | ± 1 | silty peat (0.04) | top | | Shennan et al., 2000 |
| 1 | German North Sea | Dogger Bank | 54.7683° | 3.4617° | Pollen | 8750 ± 300 | 9474 - 10223 | -46 | | ± 1 | fen peat (0.5) | middle | yes | Behre and Menke, 1969; in Behre 2003 |
| 3 | German North Sea | Weiße Bank 235 | 54.9433° | 5.7500° | Hv 7095 | 8190 ± 140 | 9007 - 9399 | -38.28 | | ± 1 | fen peat (0.13) | top | | Ludwig et al., 1979; in Behre 2003 |
| 3 | German North Sea | Weiße Bank 235 | 54.9433° | 5.7500° | Hv 7094 | 8485 ± 125 | 9295 - 9560 | -38.38 | | ± 1 | fen peat | base | | Ludwig et al., 1979 |
| 245 | German North Sea | Weiße Bank | 54.6967° | 6.1917° | Pollen | 9000 ± 200 | 9887 - 10289 | -45.75 | | ± 1 | fen peat (0.05) | top | | Streif et al., 1983 (internal report) |
| 240 | German North Sea | Weiße Bank | 54.8050° | 5.9867° | Pollen | 9300 ± 300 | 10188 - 11073 | -42.5 | | ± 1 | peat (0.03) | middle | | Streif et al., 1983 (internal report); Ludwig et al., 1979 |
| 234 | German North Sea | Weiße Bank | 54.9567° | 5.7083° | Pollen | 9000 ± 200 | 9887 - 10289 | -42.9 | | ± 1 | peat (0.08) | middle | | Streif et al., 1983 (internal report); Ludwig et al., 1979 |
| Gauss 1987/5 | German North Sea | Weiße Bank | 55.0773° | 5.8282° | Hv 15375 | 9165 ± 230 | 10146 - 10642 | -48.14 | -48.1 | ± 1 | fen peat | base | | Menke, 1996 |
| 4 | German North Sea | Northern grounds 172 | 55.3233° | 6.5167° | Pollen | 8400 ± 200 | 9125 - 9550 | -37.58 | | ± 1 | peat (0.03) | middle | | Ludwig et al., 1979; in Behre 2003 |
| BSK VC-15 | German North Sea | Northern grounds | 54.9030° | 6.8769° | Hv 25340 | 8520 ± 100 | 9430 - 9600 | -33.46 | | ± 1 | fen peat | base | | unpublished new data |
| BSK VC-21 | German North Sea | Northern grounds | 54.9133° | 6.9513° | Hv 25342 | 8865 ± 65 | 9890 - 10150 | -36.66 | | ± 1 | fen peat (~0.4) | top | yes | unpublished new data |
| AU04-07-VC | German North Sea | Helgoland | 54.2829° | 8.0699° | Hv 25321 | 8065 ± 80 | 8780 - 9090 | -24.53 | -24.48 | ± 1 | fen peat (0.1) | top | | unpublished new data |
| H 15/2V | German North Sea | Elbe palaeovalley | 54.1696° | 6.9830° | Hv 10336 | 8975 ± 90 | 9920 - 10219 | -38.45 | | ± 1 | fen peat (0.03) | top | | Streif et al., 1983 (internal report) |
| H 18/3V | German North Sea | Elbe palaeovalley | 54.11° | 6.92° | Hv 11603 | 8535 ± 150 | 9398 - 9714 | -36.5 | | ± 1 | fen peat (~0.1) | middle | | Streif et al., 1983 (internal report) |
| 280 | German North Sea | Elbe palaeovalley | 54.1183° | 7.2133° | Pollen | 9000 ± 200 | 9887 - 10289 | -38.05 | | ± 1 | fen peat (0.1) | middle | | Streif et al., 1983 (internal report); Ludwig et al., 1979 |
| 6 | German Coast | Wangerooge A10 | 53.87° | 7.91° | Hv 8602 | 7960 ± 205 | 8540 - 9032 | -24.23 | | ± 0.5 | base tidal flat with *Phragmites* roots | | | Ludwig et al., 1979; in Behre 2003 |
| 7 | German Coast | Wangerooge A10 | 53.87° | 7.91° | Hv 8601 | 7980 ± 60 | 8768 - 8998 | -23.6 | | ± 0.5 | base tidal flat with *Phragmites* roots | | | Ludwig et al., 1979; in Behre 2003 |
| 8 | German Coast | Wangerooge A10 | 53.87° | 7.91° | Hv 8600 | 7540 ± 80 | 8210 - 8406 | -23.16 | | ± 0.5 | base tidal flat with *Phragmites* roots | | | Ludwig et al., 1979; in Behre 2003 |
| 9 | German Coast | Scharhörn 56/67 | 53.95° | 8.41° | Hv 2575 | 7790 ± 90 | 8420 - 8646 | -24.4 | | ± 0.1 | base tidal flat | | | Linke, 1982; in Behre 2003 |
| 10 | German Coast | Scharhörn 58/67 | 53.95° | 8.46° | Hv 2143 | 7720 ± 65 | 8417 - 8541 | -24.34 | | ± 0.1 | *Phragmites* peat (0.17) | top | | Linke, 1982; in Behre 2003 |
| 11 | German Coast | Neuwerk 60/67 | 53.94° | 8.48° | Hv 2242 | 7280 ± 230 | 7928 - 8339 | -21.31 | | ± 0.1 | roots from brackish plants | | | Linke, 1982; in Behre 2003 |
| 2 | Dutch North Sea | oyster grounds | 53.74° | 4.50° | Hv 12092 | 8750 ± 110 | 9557 - 9893 | -42.5 | | ± 1 | *Phragmites* peat (0.1) | middle | | Behre et al., 1984; in Behre 2003 |
| 1 | Dutch North Sea | oyster grounds | 54.00° | 4.40° | GrN 5758 | 9935 ± 55 | 11228 - 11546 | -46 | | ± 1 | peat | base | | Jelgersma et al., 1979; in Kiden et al., 2002 |
| 2 | Dutch North Sea | oyster grounds | 54.00° | 4.70° | GrN 5759 | 9445 ± 80 | 10557 - 11057 | -47 | | ± 1 | peat | base | | Jelgersma et al., 1979; in Kiden et al., 2002 |
| 5 | Dutch North Sea | west | 52.50° | 3.80° | Pollen A | 8400 ± 300 | 9000 - 9771 | -26 | | ± 1 | peat | base | | Jelgersma, 1961; in Kiden et al., 2002 |
| 6 | Dutch North Sea | west | 52.50° | 3.50° | Pollen D | 8500 ± 300 | 9127 - 9892 | -28 | | ± 1 | peat | base | | Jelgersma, 1961; in Kiden et al., 2002 |
| 7 | Dutch North Sea | west | 52.50° | 3.25° | Pollen C | 8700 ± 300 | 9472 - 10180 | -33 | | ± 1 | peat | base | | Jelgersma, 1961; in Kiden et al., 2002 |
| 8 | Dutch North Sea | west | 52.50° | 2.92° | Pollen B | 9000 ± 300 | 9691 - 10430 | -35 | | ± 1 | peat | base | | Jelgersma, 1961; in Kiden et al., 2002 |