**Supplementary Table D.** Site-based series (SBSs) pre-selected for inclusion in Chronology A. Second column (‘Category’): A = Archaeology; I = Vegetation remains uncovered *in situ*; bold = disregarded in the final selection based on *P* > 0.0001; \* = *P* < 0.0000000001.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Find location** | **Category** | **Species** | **Length in years** | **First year** | **Last year** | **Max. sample depth** | **r** | **tH** | **%PV** | **P(%PV)** |
| Abcoude | I | Oak | 140 | 48 | 187 | 4 | 0.60 | 9.2 | 67.5 | 0.00002 |
| Alphen ad Rijn | A | Oak | 283 | -145 | 138 | 21 | 0.74 | 19.0 | 81.8 | \* |
| Amsterdam | A | Oak | 135 | 898 | 1032 | 2 | 0.56 | 7.4 | 74.4 | 0,000000007 |
| Assendelft | A | Oak | 154 | 835 | 988 | 3 | 0.43 | 5.9 | 70.8 | 0,0000001 |
| **Bernisse** | **A** | **Ash** | **73** | **32** | **104** | **1** | **0.48** | **5.4** | **69.9** | **0.0004** |
| Bodegraven | A | Oak | 110 | -86 | 24 | 1 | 0.55 | 7.5 | 75.5 | 0,00000004 |
| Castricum | A | Oak | 141 | 641 | 781 | 2 | 0.55 | 7.4 | 72.3 | 0,00000006 |
| Castricum | A | Oak | 216 | 59 | 274 | 3 | 0.47 | 8.6 | 71.8 | \* |
| De Telgen/De Enk | A | Oak | 173 | 1 | 173 | 2 | 0.65 | 10.8 | 76.0 | \* |
| Dordrecht | A | Oak | 239 | 554 | 792 | 2 | 0.55 | 9.9 | 74.1 | \* |
| Elst | A | Oak | 106 | -85 | 20 | 4 | 0.63 | 7.4 | 78.8 | 0,000000002 |
| Flevopolder | I | Oak | 209 | 269 | 477 | 1 | 0.49 | 10.0 | 71.8 | \* |
| Groningen | A | Oak | 76 | 934 | 1009 | 1 | 0.64 | 7.0 | 72.4 | 0.00005 |
| **Huizen Gooimeer** | **I** | **Oak** | **65** | **40** | **104** | **1** | **0.66** | **6.3** | **70.8** | **0.0004** |
| IJsselstein | A | Oak | 133 | -112 | 21 | 2 | 0.54 | 7.9 | 75.2 | 0,000000003 |
| Katwijk | A | Oak | 356 | 409 | 764 | 7 | 0.62 | 15.5 | 72.9 | \* |
| Leeuwarden | A | Oak | 178 | 487 | 664 | 2 | 0.67 | 12.8 | 72.5 | \* |
| Leiden-Roomburg | A | Oak | 221 | -98 | 123 | 3 | 0.67 | 11.7 | 75.8 | \* |
| Leiden-Roomburg | A | Oak | 193 | 506 | 698 | 3 | 0.71 | 14.8 | 79.8 | \* |
| Leiderdorp | A | Oak | 356 | 477 | 832 | 13 | 0.76 | 22.1 | 81.2 | \* |
| Meteren Hondsgemet | A | Oak | 192 | -160 | 32 | 1 | 0.55 | 9.2 | 69.2 | 0,0000002 |
| Nieuwenhoorn | A | Oak | 210 | -123 | 87 | 18 | 0.58 | 10.6 | 76.4 | \* |
| Oegstgeest | A | Oak | 275 | 410 | 684 | 22 | 0.75 | 21.3 | 80.7 | \* |
| Ouderkerk ad IJssel | I | Oak | 109 | 35 | 143 | 1 | 0.60 | 8.2 | 70.2 | 0.00002 |
| Rijnwoude Koudekerk | A | Oak | 147 | 499 | 645 | 1 | 0.47 | 8.1 | 71.1 | 0,0000002 |
| **Schiedam** | **A** | **Ash** | **91** | **42** | **132** | **1** | **0.39** | **4.9** | **64.3** | **0.004** |
| Spijkenisse | A | Oak | 224 | -122 | 102 | 4 | 0.62 | 12.4 | 76.3 | \* |
| Tiel | A | Oak | 167 | 833 | 999 | 4 | 0.69 | 13.6 | 85.3 | \* |
| Utrecht | A | Oak | 203 | 817 | 1019 | 8 | 0.55 | 9.9 | 77.6 | \* |
| Utrecht | A | Oak | 396 | 396 | 791 | 21 | 0.79 | 26.6 | 77.9 | \* |
| Utrecht | A | Oak, Elm | 224 | -107 | 117 | 17 | 0.70 | 16.2 | 83,3 | \* |
| Valkenburg | A | Oak | 197 | -97 | 100 | 15 | 0.75 | 17.8 | 81.2 | \* |
| Velsen | A | Oak | 121 | -93 | 28 | 3 | 0.66 | 13.3 | 82.6 | \* |
| Wijk bij Duurstede | A | Oak | 139 | 608 | 746 | 5 | 0.76 | 11.7 | 82.7 | \* |
| Wijk bij Duurstede | A | Oak | 70 | 405 | 474 | 1 | 0.77 | 12.8 | 83.6 | 0,000000009 |
| Woerden | A | Oak | 119 | 75 | 193 | 2 | 0.38 | 5.8 | 75.2 | 0,00000002 |
| Woerden, barge 'Woerden 7' | A | Oak | 260 | -107 | 153 | 12 | 0.60 | 13.9 | 75.6 | \* |
| Zwolle | I | Oak | 688 | -137 | 551 | 19 | 0.54 | 17.6 | 72.4 | \* |
| Zwolle | I | Oak | 208 | 922 | 1129 | 3 | 0.65 | 9.3 | 68.0 | 0.00008 |