Table 1. Radiocarbon dates calibrated using IntCal13.14C. Radiocarbon dates on bulk sediment samples had the estimated reservoir age of 451 years subtracted prior to calibration.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Depth (cm) | Stratigraphic unit | Material | 14C date (yr BP) | Estimated reservoir age | Calibratedyears BP | Probability % | Laboratory code |
| 41 | Fen peat | 2 *Carex* seeds and 25 *Cladium mariscus* | 2339 ± 28 |  | 2317 ‒23842387‒2432 | 86.1%8.9% | Ua-54489 |
| 52 | Fen peat | 1 *Betula* and 7 *Cladium mariscus* seeds | 2448 ± 29 |  | 2360‒25412631‒27012581‒26182562‒2579  | 54.6%26.3%11.1%2.9% | Ua-54979 |
| 97 | Gyttja | 2 *Betula* seeds | 4142 ± 60 |  | 4524‒4835  | 95% | Ua-54322 |
| 121 | Gyttja | Gyttja bulk sample | 5030 ± 31 | 451 | 5271‒53265120‒5169 5406‒54465065‒51125171‒5182 5220‒5220 | 49.9%16%14.5%13.6%0.9%0.1% | Ua-54782 |
| 175 | Gyttja | Gyttja bulk sample | 5695 ± 32 | 451 | 5922‒60286046‒6068 6076‒61186151‒6176  | 68.6%4.1%14.5%7.8% | Ua-54783 |
| 201 | Gyttja | Gyttja bulk sample | 6018 ± 32 | 451 | 6286‒6443  | 95% | Ua-54784 |
| 201 | Gyttja | 4.5 *Betula* seeds | 5567 ± 51 |  | 6286‒6443  | 95% | Ua-54415 |
| 225 | Gyttja | Gyttja bulk sample | 6472 ± 33 | 451 | 6782‒69496758‒6761  | 94.4%0.5% | Ua-54785 |
| 270 | Gyttja | Gyttja bulk sample | 6235 ± 32 | 451 | 6499‒6658  | 95% | Ua-54786 |
| 276 | Gyttja | 3.5 *Betula* seeds | 6862 ± 51 |  | 7595­‒77947814‒7818  | 94.4%0.6% | Ua-55698 |
| 309 | Calcareous gyttja | 9 *Betula* seeds | 7777 ± 43 |  | 8451‒8631  | 95% | Ua-54319 |
| 325 | Calcareous gyttja | 13 *Betula* seeds | 8111 ± 40 |  | 8986‒91359178‒9201 9221‒9239  | 92.1%1.6%1.3% | Ua-54320 |
| 339 | Calcareous gyttja | 15 *Betula* seeds | 8072 ± 38 |  | 8967‒90948780‒8832 8862‒8920 9100‒9121 8953‒8963 8935‒8935  | 73.9%9.9%8.3%1.9%0.9%0.1% | Ua-54321 |