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 | Calibrated  years BP | Probability % | Laboratory code |
| 41 | Fen peat | 2 *Carex* seeds and 25 *Cladium mariscus* | 2339 ± 28 |  | 2317 ‒2384  2387‒2432 | 86.1%  8.9% | Ua-54489 |
| 52 | Fen peat | 1 *Betula* and 7 *Cladium mariscus* seeds | 2448 ± 29 |  | 2360‒2541  2631‒2701  2581‒2618  2562‒2579 | 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 | 5271‒5326  5120‒5169  5406‒5446  5065‒5112  5171‒5182  5220‒5220 | 49.9%  16%  14.5%  13.6%  0.9%  0.1% | Ua-54782 |
| 175 | Gyttja | Gyttja bulk sample | 5695 ± 32 | 451 | 5922‒6028  6046‒6068  6076‒6118  6151‒6176 | 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 | 6782‒6949  6758‒6761 | 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 |  | 7595­‒7794  7814‒7818 | 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 |  | 8986‒9135  9178‒9201  9221‒9239 | 92.1%  1.6%  1.3% | Ua-54320 |
| 339 | Calcareous gyttja | 15 *Betula* seeds | 8072 ± 38 |  | 8967‒9094  8780‒8832  8862‒8920  9100‒9121  8953‒8963  8935‒8935 | 73.9%  9.9%  8.3%  1.9%  0.9%  0.1% | Ua-54321 |