**TABLE 2 |** Radiocarbon dating results.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Lab code | Sample code | Depth (cm) | Materials | δ13C  (‰) | pMC | Conventional 14C age (a BP) | Calibrated 2σ age range\* (Cal a BP) |
| Beta-498519 | CQ1-24 | 178 | Grass leaf | -8.7 | 58.19±0.22 | 4350±30 | 4849-5027 |
| Beta-498520 | CQ1-27 | 184 | Grass leaf | -10.7 | 56.90±0.21 | 4530±30 | 5052-5313 |
| Beta-498521 | CQ1-61 | 258 | Terrestrial twig | -23 | 61.62±0.23 | 3890±30 | 4189-4417 |
| Beta-498522 | CQ1-88B | 339 | Bulk Organic | -23.1 | 46.04±0.17 | 6230±30 | 7011-7253 |
| Beta-498523 | CQ2-16G | 400 | Grass leaf | -11.5 | 57.11±0.21 | 4500±30 | 5046-5301 |
| Beta-498524 | CQ2-16B | 400 | Bulk Organic | -22.4 | 43.92±0.16 | 6610±30 | 7431-7569 |
| Beta-498528 | CQ2-2B | 525 | Bulk Organic | -21.8 | 45.19±0.17 | 6380±30 | 7177-7421 |
| Beta-499906 | CQ1-88G | 339 | Grass leaf | -4.3 | 56.97±0.21 | 4520±30 | 5051-5309 |
| Beta-501268 | CQ1-64 | 267 | Grass leaf | -9 | 56.05±0.21 | 4650±30 | 5315-5466 |
| Beta-501269 | CQ1-100 | 375 | Grass leaf | -7.3 | 55.64±0.21 | 4710±30 | 5324-5575 |
| Beta-501270 | CQ2-1 | 475 | Grass leaf | -15.5 | 55.08±0.21 | 4790±30 | 5475-5588 |
| Beta-501271 | CQ2-2G | 525 | Grass leaf | -9.5 | 52.61±0.20 | 5160±30 | 5766-5994 |

\* The 14C ages were calibrated to calendar years using the CALIB 8.1.0 program (Stuiver et al., 2021) with the internationally agreed IntCal20 data set (Reimer et al., 2020).