|  |  |  |  |
| --- | --- | --- | --- |
| **Füramoos**  (Kener et al., 2021) |  |  |  |
| **Depth (cm b.l.w.s)** | **Conventional age**  **(14C yr BP)** | **Calibrated age range**  **(cal. yr BP ; 2)** | **Median age**  **(cal. BP)** |
| 22 | 77648 | 589-876 | 708 |
| 26 | 106848 | 834-1228 | 1005 |
| 30 | 167946 | 1348-1617 | 1482 |
| 40 | 205448 | 1885-2271 | 2038 |
| 50 | 244648 | 2365-2723 | 2531 |
| 60 | 287448 | 2814-3164 | 2983 |
| 98 | 392540 | 4061-4449 | 4297 |
| 130 | 416952 | 4637-5023 | 4805 |

|  |  |  |  |
| --- | --- | --- | --- |
| **La Grande Pile**  (Wolliard et al., 1981) |  |  |  |
| **Depth (cm b.l.w.s)** | **Conventional age**  **(14C a BP)** | **Calibrated age range**  **(cal. BP ; 2)** | **Median age**  **(cal. BP)** |
| 290 | 975080 | 10573-11337 | 11005 |
| 480 | 10175100 | 16343-19059 | 17786 |
| 530 | 11170200 | 18260-21105 | 19794 |
| 620 | 20050160 | 23835-24147 | 24147 |
| 740 | 28880460 | 31324-33006 | 32219 |
| 770 | 29090500 | 32663-34020 | 33376 |
| 800 | 29740520 | 33944-35235 | 34550 |
| 820 | 30820420 | 34857-36381 | 35587 |
| 870 | 34100580 | 37498-40209 | 38889 |
| 910 | 400001200 | 39393-43276 | 41506 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Les Echets**  (De Beaulieu et al., 1984) |  |  |  |
| **Depth (cm b.l.w.s)** | **Conventional age**  **(14C a BP)** | **Calibrated age range**  **(cal. BP ; 2)** | **Median age**  **(cal. BP)** |
| 294 | 15400160 | 17582-18466 | 18126 |
| 410 | 15676162 | 18163-18847 | 18537 |
| 1017 | 17840160 | 20204-21688 | 20834 |
| 1500 | 18650152 | 21997-23800 | 24147 |
| 1992 | 20640169 | 24477-26484 | 25223 |
| 2098 | 21081260 | 25046-26990 | 25767 |
| 2191 | 22162219 | 25712-27847 | 26553 |
| 2286 | 24865251 | 26262-28535 | 27252 |
| 2391 | 25405343 | 26709-29159 | 27794 |

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|  |  |  |  |
| --- | --- | --- | --- |
| **Lac du Bouchet**  (Thoubeny et al., 1989) |  |  |  |
| **Depth (cm b.l.w.s)** | **Conventional age**  **(14C a BP)** | **Calibrated age range**  **(cal. BP ; 2)** | **Median age**  **(cal. BP)** |
| 26.8 | 297380 | 2713-3850 | 3225 |
| 88.7 | 567690 | 5863-7470 | 17786 |
| 196.9 | 16216200 | 9706-13414 | 11583 |
| 385.6 | 19460160 | 21225-24479 | 22915 |
| 416.5 | 19460460 | 22823-25939 | 24438 |
| 470 | 23240500 | 25580-28792 | 27243 |
| 527.8 | 27027520 | 28422-31774 | 30155 |
| 586.6 | 28108420 | 31145-34721 | 32994 |
| 633 | 31081580 | 33251-37304 | 35272 |
| 688.7 | 400004000 | 35706-40312 | 37932 |
| 691.8 | 302703027 | 35814-40500 | 38085 |
| 830.9 | 381083811 | 42098-48037 | 44770 |

**Table X. Calibrated radiocarbon dating results to reconstruct the age-depth model.** AMS 14C dates from 4 cores calibrated into calendar ages using the Age-Depth modelling using Bayesian statistics RBacon (<https://github.com/cran/rbacon>) with the IntCal20 calibration curves (*Reimer et al., 2020; Blaauw et al., 2021*). Bulk materials are used to measure conventional ages. References of conventional ages are referred after the names of fossil sites. The Eifel site is dated by 40Ar/39Ar methods on ASH objects.