|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Chronological reference period  Fossil site | Altitude  (m a.s.l) | Pollen fraction  per vegetation class (%) | | | 3 dominant biomes (scores)  *(1)* | TANN (°C) | PANN  (mm) | GA  () |
| AP | Shrub | NAP |
| **Younger Dryas (11 kyr)** |  |  |  |  |  |  |  |  |
| *Eifel* | 747 | 88 | 0 | 12 | CLMX (2), TEDE (2), COMX (0.6) | 1.213.11  2.210.13 | 824393  6568 | 153145970  8905114 |
| *Füramoos* | 660 | 72 | 0 | 28 | COCO (23),  CLMX (22),  COMX (12) | 10.542.81  11.820.56 | 868266  112844 | 11134451  92353837 |
| *La Grande Pile* | 250 | NA | NA | NA | NA | NA | NA | NA |
| *Echets* | 267 | NA | NA | NA | NA | NA | NA | NA |
| *Lac du Bouchet* | 1 200 | 25 | 3 | 72 | CODE (5),  HODE (5),  COST (2) | -3.902.80  7.840.27 | 261201  46316 | 37383298  4630165 |
| **H1**  **(14 kyr)** |  |  |  |  |  |  |  |  |
| *Eifel* | 747 | NA | NA | NA | TAIG (5),  COMX (4),  COCO (4) | 0.314.18  5.420.15 | 823303  77412 | 121345203  9089128 |
| *Füramoos* | 660 | 68 | 0 | 31 | WAST (4),  COST (2) | 1.293.69  0.190.55 | 677293  70325 | 8990390  94284066 |
| *La Grande Pile* | 250 | NA | NA | NA | NA | NA | NA | NA |
| *Echets* | 267 | NA | NA | NA | NA | NA | NA | NA |
| *Lac du Bouchet* | 1 200 | 36 | 0 | 64 | WAST (5),  CODE (5),  HODE (5) | 2.764.21  6.930.23 | 502250  54315 | 44443364  5863192 |
| **H2**  **(23 kyr)** |  |  |  |  |  |  |  |  |
| *Eifel* | 747 | NA | NA | NA | NA | NA | NA | NA |
| *Füramoos* | 660 | 69 | 0 | 30 | WAST (4),  TAIG (1),  COCO (1) | 1.293.69  0.190.55 | 677293  70325 | 8643314  104703598 |
| *La Grande Pile* | 250 | 5 | 0 | 95 | WAST (4),  COST (2),  CODE (2) | 1.444.00  15.450.37 | 403211  68022 | 47983316  8236230 |
| *Echets* | 267 | 35 | 0 | 65 | COST (2),  CODE (1),  HODE (1) | 3.175.54  4.540.34 | 477247  47314 | 48783814  5411323 |
| *Lac du Bouchet* | 1 200 | 11 | 0 | 89 | CODE (7),  HODE (7) | 4.405.17  6.940.27 | 489210  45617 | 44263413  4581170 |
| **H3**  **(30 kyr)** |  |  |  |  |  |  |  |  |
| *Eifel* | 747 | 37 | 3 | 51 | TAIG (3),  COCO (3),  COMX (2) | 4.273.49  3.610.16 | 1335499  69916 | 165507424  9327249 |
| *Füramoos* | 660 | 36 | 2 | 52 | WAST (7),  COCO (1),  CLMX (1) | -11.314.17  0.490.39 | 373235  66818 | 8959353  81343904 |
| *La Grande Pile* | 250 | 35 | 0 | 65 | TEDE (2),  COMX (2),  CLMX (1) | 0.894.87  6.050.27 | 774257  73026 | 111473930  9556332 |
| *Echets* | 267 | 69 | 0 | 31 | CODE (2),  HODE (2) | -3.735.62  3.540.27 | 349245  5037 | 50283855  586780 |
| *Lac du Bouchet* | 1 200 | 17 | 0 | 83 | WAST (5),  CODE (1),  HODE (1) | 4.405.17  6.830.33 | 489210  54918 | 44263413  6099220 |

Climate variables (MAT ; WA-PLS)

1. According to the first classification (see **table X.)**

**Table X. Comparisons between the five pollen and climate reconstruction results for each reference period of time, in terms of altitude, class of vegetation, dominant biomes and reconstructed climate variables from 2 methods.** Error of the climate parameters are 2.