|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Id from Fig.1 | Lab. Code | Latitude | Longitude | Sample name | Age 14C (BP) | Age cal BP | Age cal BP | geomorphic position | Bibliography |
|  |  |  |  |  |  |  | *ranges* | *midpoint ± 0,5\*width of 95.4% range* |  |  |
| 1 | 1 | GdA-6328 | 51.47517389 | 21.55484939 | Brzustów | 10980 ± 60 | 12995BP (64.5%) 12820BP | 12900 ± 90 | moraine plateau | this study |
|  |  |  |  |  |  |  | 12800BP ( 3.7%) 12780BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13070BP (95.4%)12760BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 2 | 1 | GdA-6329 | 51.47517389 | 21.55484939 | Brzustów | 9530 ± 60 | 11070BP (32.4%) 10950BP | 10860 ± 180 | moraine plateau | this study |
|  |  |  |  |  |  |  | 10875BP ( 6.5%) 10840BP |  |  |  |
|  |  |  |  |  |  |  | 10820BP (29.3%) 10700BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 11110BP (93.5%) 10650BP |  |  |  |
|  |  |  |  |  |  |  | 10625BP ( 1.9%) 10595BP |  |  |  |
| 3 | 2 | GdA-6319 | 51.51047636 | 21.92391419 | Gołąb | 10870 ± 60 | 12835BP (68.3%) 12745BP | 12790 ± 45 | fluvial terrace | this study |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 12910BP (95.4%) 12725BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 4 | 2 | GdA-6321 | 51.51047636 | 21.92391419 | Gołąb | 11770 ± 60 | 13750BP (23.2%) 13685BP | 13630 ± 120 | fluvial terrace | this study |
|  |  |  |  |  |  |  | 13665BP (14.5%) 13625BP |  |  |  |
|  |  |  |  |  |  |  | 13615BP (14.9%) 13580BP |  |  |  |
|  |  |  |  |  |  |  | 13550BP (15.6%) 13510BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13770BP (95.4%) 13500BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 5 | 2 | GdA-6322 | 51.51047636 | 21.92391419 | Gołąb | 11510 ± 60 | 13445BP (68.3%) 13320BP | 13380 ± 65 | fluvial terrace | this study |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13500BP (92.1%) 13290BP |  |  |  |
|  |  |  |  |  |  |  | 13280BP ( 3.3%) 13240BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 6 | 2 | GdA-6323 | 51.51047636 | 21.92391419 | Gołąb | 11980 ± 70 | 14015BP (34.1%) 13915BP | 13900 ± 110 | fluvial terrace | this study |
|  |  |  |  |  |  |  | 13880BP (34.1%) 13785BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 14050BP (91.3%) 13745BP |  |  |  |
|  |  |  |  |  |  |  | 13700BP ( 2.9%) 13655BP |  |  |  |
|  |  |  |  |  |  |  | 13630BP ( 1.2%) 13610BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 7 | 3 | GdA-6326 | 50.13020279 | 22.4651993 | Laszczyny | 12360 ± 70 | 14805BP (15.2%) 14710BP | 14350 ± 160 | fluvial terrace | this study |
|  |  |  |  |  |  |  | 14515BP (53.1%) 14185BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 14850BP (95.4%) 14105BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 8 | 3 | GdA-6327 | 50.13020279 | 22.4651993 | Laszczyny | 12200 ± 70 | 14225BP (68.3%) 14025BP | 14125 ± 100 | fluvial terrace | this study |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 14800BP ( 3.5%) 14715BP |  |  |  |
|  |  |  |  |  |  |  | 14345BP (85.2%) 13970BP |  |  |  |
|  |  |  |  |  |  |  | 13945BP ( 6.2%) 13845BP |  |  |  |
|  |  |  |  |  |  |  | 13835BP ( 0.5%) 13810BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 9 | 4 | GdA-6028 | 52.06280796 | 17.7671021 | Leszczyca | 10980 ± 50 | 68.2% probability | 12820 ± 80 | fluvial terrace | Moska et al. 2021 |
|  |  |  |  |  |  |  | 12900BP (68.2%) 12746BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 12988BP (95.4%) 12724BP |  |  |  |
| 10 | 4 | GdA-6029 | 52.06280796 | 17.7671021 | Leszczyca | 10880 ± 30 | 68.2% probability | 12750 ± 50 | fluvial terrace | Moska et al. 2021 |
|  |  |  |  |  |  |  | 12764BP (68.2%) 12712BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 12800BP (95.4%) 12699BP |  |  |  |
| 11 | 4 | GdA-6027 | 52.06280796 | 17.7671021 | Leszczyca | 12390 ± 45 | 68.2% probability | 14420 ± 180 | fluvial terrace | Moska et al. 2021 |
|  |  |  |  |  |  |  | 14604BP (68.2%) 14252BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 14769BP (95.4%) 14154BP |  |  |  |
| 12 | 4 | Poz-68971 | 52.06280796 | 17.7671021 | Leszczyca | 10720 ± 60 | 68.3% probability | 12690 ± 70 | fluvial terrace | Moska et al. 2021 |
|  |  |  |  |  |  |  | 12744BP (68.3%) 12688BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 12760BP (95.4%) 12620BP |  |  |  |
| 13 | 5 | GdA-6178 A | 51.3491581 | 19.30665618 | Ludwików | 11440 ± 55 | 68.3% probability | 13300 ± 100 | fluvial terrace | Moska et al. in press |
|  |  |  |  |  |  |  | 13404BP ( 7.8%) 13381BP |  |  |  |
|  |  |  |  |  |  |  | 13360BP (60.4%) 13238BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13444BP (87.1%) 13226BP |  |  |  |
|  |  |  |  |  |  |  | 13218BP ( 8.4%) 13180BP |  |  |  |
| 14 | 5 | GdA-6179 A | 51.3491581 | 19.30665618 | Ludwików | 12150 ± 55 | 68.3% probability | 14050 ± 100 | fluvial terrace | Moska et al. in press |
|  |  |  |  |  |  |  | 14115BP (56.7%) 14012BP |  |  |  |
|  |  |  |  |  |  |  | 13918BP (11.6%) 13880BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 14184BP (72.6%) 13964BP |  |  |  |
|  |  |  |  |  |  |  | 13954BP (22.9%) 13810BP |  |  |  |
| 15 | 6 | GdA-6182 A | 51.25757251 | 19.71427316 | Mierzyn | 11850 ± 60 | 68.3% probability | 13690 ± 70 | outwash plain | Moska et al. in press |
|  |  |  |  |  |  |  | 13780BP (22.1%) 13734BP |  |  |  |
|  |  |  |  |  |  |  | 13714BP (32.6%) 13648BP |  |  |  |
|  |  |  |  |  |  |  | 13638BP (13.6%) 13608BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13978BP ( 0.8%) 13962BP |  |  |  |
|  |  |  |  |  |  |  | 13804BP (90.8%) 13582BP |  |  |  |
|  |  |  |  |  |  |  | 13549BP ( 3.8%) 13513BP |  |  |  |
| 16 | 6 | GdA-6183.1 | 51.25757251 | 19.71427316 | Mierzyn | 12040 ± 55 | 68.3% probability | 13920 ± 70 | outwash plain | Moska et al. in press |
|  |  |  |  |  |  |  | 14020BP (10.5%) 13993BP |  |  |  |
|  |  |  |  |  |  |  | 13949BP (57.8%) 13808BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 14046BP (95.4%) 13798BP |  |  |  |
| 17 | 6 | GdA-6184 A | 51.25757251 | 19.71427316 | Mierzyn | 11980 ± 55 | 68.3% probability | 13900 ± 70 | outwash plain | Moska et al. in press |
|  |  |  |  |  |  |  | 14006BP (33.3%) 13928BP |  |  |  |
|  |  |  |  |  |  |  | 13870BP (35.0%) 13790BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 14041BP (95.4%) 13758BP |  |  |  |
| 18 | 6 | GdA-6185 A | 51.25757251 | 19.71427316 | Mierzyn | 11460 ± 55 | 68.3% probability | 13350 ± 70 | outwash plain | Moska et al. in press |
|  |  |  |  |  |  |  | 13416BP (62.0%) 13296BP |  |  |  |
|  |  |  |  |  |  |  | 13267BP ( 6.3%) 13250BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13458BP (91.9%) 13232BP |  |  |  |
|  |  |  |  |  |  |  | 13208BP ( 3.5%) 13184BP |  |  |  |
| 19 | 7 | GdA-6316 | 50.8730057 | 19.61767661 | Osiny | 11730 ± 70 | 13740BP ( 9.0%) 13710BP | 13560 ± 60 | pre-Quaternary basement | this study |
|  |  |  |  |  |  |  | 13655BP ( 6.0%) 13630BP |  |  |  |
|  |  |  |  |  |  |  | 13610BP (53.3%) 13495BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13760BP (95.4%) 13465BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 20 | 7 | GdA-6317 | 50.8730057 | 19.61767661 | Osiny | 11310 ± 70 | 13295BP ( 8.7%) 13270BP | 13200 ± 50 | pre-Quaternary basement | this study |
|  |  |  |  |  |  |  | 13250BP (50.2%) 13155BP |  |  |  |
|  |  |  |  |  |  |  | 13140BP ( 9.4%) 13120BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13315BP (95.4%) 13095BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 21 | 8 | GdA-6034 | 50.52419322 | 17.69846388 | Przechód | 11120 ± 35 | 68.2% probability | 13020 ± 50 | outwash plain | this study |
|  |  |  |  |  |  |  | 13068BP (68.2%) 12973BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13088BP (94.7%) 12866BP |  |  |  |
|  |  |  |  |  |  |  | 12859BP ( 0.7%) 12852BP |  |  |  |
| 22 | 8 | GdA-6035 | 50.52419322 | 17.69846388 | Przechód | 11320 ± 50 | 68.2% probability | 13160 ± 60 | outwash plain | this study |
|  |  |  |  |  |  |  | 13220BP (68.2%) 13105BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13274BP (95.4%) 13078BP |  |  |  |
| 23 | 8 | GdA-6036 | 50.52419322 | 17.69846388 | Przechód | 11310 ± 50 | 68.2% probability | 13150 ± 60 | outwash plain | this study |
|  |  |  |  |  |  |  | 13206BP (68.2%) 13099BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13268BP (95.4%) 13074BP |  |  |  |
| 24 | 8 | GdA-6037 | 50.52419322 | 17.69846388 | Przechód | 11740 ± 45 | 68.2% probability | 13530 ± 55 | outwash plain | this study |
|  |  |  |  |  |  |  | 13586BP (68.2%) 13475BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13716BP ( 9.3%) 13660BP |  |  |  |
|  |  |  |  |  |  |  | 13650BP (86.1%) 13456BP |  |  |  |
| 25 | 8 | GdS-3241 | 50.52419322 | 17.69846388 | Przechód | 11270 ± 170 | 68.2% probability | 13140 ± 180 | outwash plain | this study |
|  |  |  |  |  |  |  | 13320BP (68.3%) 12960BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13450BP ( 95.4%) 12780BP |  |  |  |
| 26 | 8 | GdS-3291 | 50.52419322 | 17.69846388 | Przechód | 10780 ± 80 | 68.2% probability | 12695 ± 55 | outwash plain | Moska et al. 2020 |
|  |  |  |  |  |  |  | 12750BP (68.3%) 12640BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 12810BP (95.4%) 12560BP |  |  |  |
| 27 | 9 | GdA-4681 | 50.6336928 | 17.75712757 | Siedliska | 10915 ± 45 | 68.3% probability | 12770 ± 40 | outwash plain | Moska et al. 2020 |
|  |  |  |  |  |  |  | 12802BP (68.3%) 12727BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 12876BP (95.4%) 12699BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 28 | 10 | GdA-6313 | 50.8013309 | 19.7647291 | Teodorów | 11190 ± 70 | 13180BP (67.2%) 13065BP | 13120 ± 60 | fluvial terrace | this study |
|  |  |  |  |  |  |  | 13020BP ( 1.1%) 13010BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13240BP (95.4%) 12920BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 29 | 10 | GdA-6314 | 50.8013309 | 19.7647291 | Teodorów | 11250 ± 70 | 13230BP ( 7.8%) 13210BP | 13145 ± 50 | fluvial terrace | this study |
|  |  |  |  |  |  |  | 13185BP (60.4%) 13095BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13305BP (95.4%) 13075BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 30 | 10 | GdA-6315 | 50.8013309 | 19.7647291 | Teodorów | 10580 ± 60 | 12690BP (45.5%) 12605BP | 12640 ± 50 | fluvial terrace | this study |
|  |  |  |  |  |  |  | 12540BP (22.8%) 12495BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 12720BP (95.4%) 12480BP |  |  |  |
|  |  |  |  |  |  |  | 68.3% probability |  |  |  |
| 31 | 11 | GdA-6193 A | 51.66944849 | 18.81066479 | Zborowskie | 10900 ± 55 | 68.3% probability | 12800 ± 50 | moraine plateau | Moska et al. in press |
|  |  |  |  |  |  |  | 12876BP ( 2.4%) 12872BP |  |  |  |
|  |  |  |  |  |  |  | 12840BP (65.9%) 12753BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 12957BP ( 0.4%) 12950BP |  |  |  |
|  |  |  |  |  |  |  | 12926BP (95.1%) 12735BP |  |  |  |
| 32 | 11 | GdA-6194 A | 51.66944849 | 18.81066479 | Zborowskie | 11250 ± 55 | 68.3% probability | 13135 ± 35 | moraine plateau | Moska et al. in press |
|  |  |  |  |  |  |  | 13174BP (68.3%) 13100BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13292BP ( 2.1%) 13275BP |  |  |  |
|  |  |  |  |  |  |  | 13245BP (93.3%) 13088BP |  |  |  |
| 33 | 11 | GdA-6195 A | 51.66944849 | 18.81066479 | Zborowskie | 11900 ± 55 | 68.3% probability | 13725 ± 75 | moraine plateau | Moska et al. in press |
|  |  |  |  |  |  |  | 13802BP (35.5%) 13736BP |  |  |  |
|  |  |  |  |  |  |  | 13712BP (23.3%) 13650BP |  |  |  |
|  |  |  |  |  |  |  | 13634BP ( 9.5%) 13608BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 14005BP (10.4%) 13935BP |  |  |  |
|  |  |  |  |  |  |  | 13863BP (85.1%) 13600BP |  |  |  |
| 34 | 11 | GdA-6196 A | 51.66944849 | 18.81066479 | Zborowskie | 11880 ± 55 | 68.3% probability | 13710 ± 75 | moraine plateau | Moska et al. in press |
|  |  |  |  |  |  |  | 13794BP (31.1%) 13738BP |  |  |  |
|  |  |  |  |  |  |  | 13710BP (26.7%) 13652BP |  |  |  |
|  |  |  |  |  |  |  | 13633BP (10.5%) 13610BP |  |  |  |
|  |  |  |  |  |  |  | 95.4% probability |  |  |  |
|  |  |  |  |  |  |  | 13999BP ( 4.8%) 13942BP |  |  |  |
|  |  |  |  |  |  |  | 13854BP ( 1.2%) 13833BP |  |  |  |
|  |  |  |  |  |  |  | 13812BP (88.8%) 13593BP |  |  |  |
|  |  |  |  |  |  |  | 13538BP ( 0.6%) 13528BP |  |  |  |

Table 2. All important data for investigated radiocarbon samples made as a part of our project: Id from Fig.1, laboratory code, geographical coordinates, sample name, uncalibrated and calibrated age of the sample, Age cal BP, geomorphic position and bibliography.