

# *Report*

## *on C-14 dating in the Poznań Radiocarbon Laboratory*

**Customer:** **Wojciech Filipowiak**  
Instytut Archeologii i Etnologii  
Ośr. Arch. Średn. Krajów Nadbałt.  
ul. Kuśnierska 12/12a  
70536- Szczecin

**Job no.:** 20580/23

| <i>Sample name</i>      | <i>Lab. no.</i> | <i>Age 14C</i>      | <i>Remark</i>            |
|-------------------------|-----------------|---------------------|--------------------------|
| Srebrne Wzgorze 64_62   | Poz-162380      | <b>1155 ± 30 BP</b> | 2.7%N, 9.2%C, 6.8%coll,  |
| Srebrne Wzgorze 107_62  | Poz-162381      | <b>1090 ± 30 BP</b> | 0.5%N, 4.4%C, 4.2%coll,  |
| Srebrne Wzgorze 185_62  | Poz-162384      | <b>1010 ± 30 BP</b> | 2.1%N, 7.9%C, 5.4%coll,  |
| Srebrne Wzgorze 183_62  | Poz-162415      | <b>1025 ± 30 BP</b> | 2.7%N, 10.2%C, 7.1%coll, |
| Srebrne Wzgorze 465_62  | Poz-162416      | <b>1155 ± 30 BP</b> | 1.2%N, 5.9%C, 6.4%coll,  |
| Srebrne Wzgorze 471_62  | Poz-162417      | <b>1180 ± 30 BP</b> | 1.4%N, 7.7%C, 6.4%coll,  |
| Srebrne Wzgorze 504_62  | Poz-162418      | <b>1085 ± 30 BP</b> | 1.3%N, 4.8%C, 4.3%coll,  |
| Srebrne Wzgorze 458_62  | Poz-162419      | <b>1140 ± 30 BP</b> | 2.4%N, 8.5%C, 6.6%coll,  |
| Srebrne Wzgorze 710_63  | Poz-162420      | <b>1205 ± 30 BP</b> | 2.6%N, 8.6%C, 7.1%coll,  |
| Srebrne Wzgorze 711_63  | Poz-162455      | <b>2190 ± 30 BP</b> | 0.9%N, 5.5%C, 5.2%coll,  |
| Srebrne Wzgorze 986_64  | Poz-162476      | <b>1195 ± 30 BP</b> | 1%N, 6.4%C, 4.9%coll,    |
| Srebrne Wzgorze 1704_65 | Poz-162456      | <b>7870 ± 50 BP</b> | 2.5%N, 8.9%C, 8.4%coll,  |
| Srebrne Wzgorze 1742_65 | Poz-162457      | <b>7820 ± 50 BP</b> | 0.8%N, 5.4%C, 5%coll,    |
| Srebrne Wzgorze 1911_65 | Poz-162458      | <b>2930 ± 30 BP</b> | 1.7%N, 7.5%C, 4.9%coll,  |
| Srebrne Wzgorze 1393_66 | Poz-162477      | <b>1190 ± 30 BP</b> | 3%N, 11%C, 8.9%coll,     |
| Srebrne Wzgorze 1514_66 | Poz-162478      | <b>1215 ± 30 BP</b> | 3.2%N, 10.1%C, 7.9%coll, |
| Srebrne Wzgorze 1573_66 | Poz-162479      | <b>2095 ± 30 BP</b> | 2.7%N, 9.5%C, 7.5%coll,  |
| Srebrne Wzgorze 1624_66 | Poz-162480      | <b>2045 ± 30 BP</b> | 3.5%N, 12.5%C, 3.3%coll, |
| Srebrne Wzgorze 1125_66 | Poz-162481      | <b>2015 ± 30 BP</b> | 2.3%N, 8.9%C, 5.1%coll,  |
| Srebrne Wzgorze 1166_66 | Poz-162482      | <b>2065 ± 30 BP</b> | 1.7%N 7%C, 4.8%coll,     |
| Srebrne Wzgorze 1855_66 | Poz-162483      | <b>1900 ± 30 BP</b> | 2.7%N, 9.2%C, 6%coll,    |
| Srebrne Wzgorze 1696_66 | Poz-162485      | <b>2115 ± 30 BP</b> | 1.3%N, 6.1%C, 7.2%coll,  |

| <i><b>Sample name</b></i> | <i><b>Lab. no.</b></i> | <i><b>Age 14C</b></i> | <i><b>Remark</b></i>    |
|---------------------------|------------------------|-----------------------|-------------------------|
| Srebrne Wzgorze 1853_66   | Poz-162486             | <b>3620 ± 30 BP</b>   | 2.7%N, 9.7%C, 5.2%coll, |
| Srebrne Wzgorze 2049_66   | Poz-162633             | <b>1150 ± 30 BP</b>   | 3%N, 10.4%C, 5.5%coll,  |
| Srebrne Wzgorze 1916_66   | Poz-162634             | <b>1025 ± 30 BP</b>   | 0.4%N, 3.7%C, 4.1%coll, |
| Srebrne Wzgorze 879_67    | Poz-162635             | <b>980 ± 30 BP</b>    | 2.6%N, 9.2%C, 2.6%coll, |

Comments: Results of calibration of 14C dates enclosed

***Head of the Laboratory***

***Prof. dr hab. Tomasz Goslar***

Results of calibration of 14C dates – order 20580/23.

Given are intervals of calendar age, where the true ages of the samples encompass with the probability of ca. 68% and ca. 95%. The calibration was made with the OxCal software.

OxCal v4.4.2 Bronk Ramsey (2020); r:5

Atmospheric data from Reimer et al (2020)

Srebrne Wzgorze 64\_62 R\_Date(1155,30)

68.3% probability

776AD ( 6.5%) 786AD

830AD (12.1%) 854AD

874AD (18.3%) 899AD

**918AD (28.6%) 960AD**

966AD ( 2.8%) 972AD

95.4% probability

772AD ( 9.1%) 791AD

**820AD (86.4%) 987AD**

Srebrne Wzgorze 107\_62 R\_Date(1090,30)

68.3% probability

896AD (26.6%) 925AD

**950AD (41.6%) 994AD**

95.4% probability

**890AD (95.4%) 1020AD**

Srebrne Wzgorze 185\_62 R\_Date(1010,30)

68.3% probability

**993AD (66.1%) 1040AD**

1109AD ( 2.1%) 1113AD

95.4% probability

**990AD (70.0%) 1050AD**

1080AD (25.4%) 1154AD

Srebrne Wzgorze 183\_62 R\_Date(1025,30)

68.3% probability

**994AD (68.3%) 1029AD**

95.4% probability

902AD ( 1.6%) 915AD

**976AD (84.8%) 1048AD**

1082AD ( 7.7%) 1129AD

1138AD ( 1.4%) 1150AD

Srebrne Wzgorze 465\_62 R\_Date(1155,30)

68.3% probability

776AD ( 6.5%) 786AD

830AD (12.1%) 854AD

874AD (18.3%) 899AD

**918AD (28.6%) 960AD**

966AD ( 2.8%) 972AD

95.4% probability

772AD ( 9.1%) 791AD

**820AD (86.4%) 987AD**

Srebrne Wzgorze 471\_62 R\_Date(1180,30)

68.3% probability

775AD (12.1%) 791AD

**821AD (56.2%) 891AD**

95.4% probability  
771AD (82.7%) 900AD  
917AD (12.8%) 973AD  
**Srebrne Wzgorze 504\_62 R\_Date(1085,30)**  
68.3% probability  
897AD (24.4%) 922AD  
953AD (41.1%) 995AD  
1009AD ( 2.8%) 1013AD  
95.4% probability  
892AD (95.4%) 1021AD  
**Srebrne Wzgorze 458\_62 R\_Date(1140,30)**  
68.3% probability  
883AD (16.1%) 903AD  
915AD (52.2%) 976AD  
95.4% probability  
774AD ( 4.9%) 787AD  
828AD ( 8.5%) 860AD  
870AD (82.0%) 992AD  
**Srebrne Wzgorze 710\_63 R\_Date(1205,30)**  
68.3% probability  
784AD (68.3%) 878AD  
95.4% probability  
704AD ( 7.2%) 739AD  
771AD (87.4%) 893AD  
932AD ( 0.9%) 941AD  
**Srebrne Wzgorze 711\_63 R\_Date(2190,30)**  
68.3% probability  
354BC (44.0%) 283BC  
230BC (20.3%) 195BC  
186BC ( 4.1%) 178BC  
95.4% probability  
368BC (95.4%) 165BC  
**Srebrne Wzgorze 986\_64 R\_Date(1195,30)**  
68.3% probability  
779AD (10.0%) 792AD  
803AD ( 4.5%) 810AD  
820AD (53.7%) 883AD  
95.4% probability  
707AD ( 2.9%) 726AD  
771AD (88.6%) 895AD  
924AD ( 4.0%) 950AD  
**Srebrne Wzgorze 1704\_65 R\_Date(7870,50)**  
68.3% probability  
6821BC ( 9.8%) 6785BC  
6780BC (58.5%) 6642BC  
95.4% probability  
7031BC ( 7.9%) 6965BC  
6948BC ( 1.7%) 6930BC  
6917BC ( 5.7%) 6879BC  
6839BC (80.0%) 6595BC  
**Srebrne Wzgorze 1742\_65 R\_Date(7820,50)**

68.3% probability

6742BC ( 3.8%) 6727BC

**6698BC (64.5%) 6590BC**

95.4% probability

6901BC ( 0.5%) 6891BC

**6825BC (94.9%) 6499BC**

**Srebrne Wzgorze 1911\_65 R\_Date(2930,30)**

68.3% probability

**1201BC (37.0%) 1140BC**

1134BC (16.5%) 1107BC

1096BC ( 8.1%) 1080BC

1069BC ( 6.7%) 1056BC

95.4% probability

**1222BC (95.4%) 1016BC**

**Srebrne Wzgorze 1393\_66 R\_Date(1190,30)**

68.3% probability

777AD (11.4%) 791AD

805AD ( 1.6%) 807AD

**820AD (55.3%) 886AD**

95.4% probability

709AD ( 1.6%) 722AD

**771AD (88.0%) 897AD**

923AD ( 5.8%) 952AD

**Srebrne Wzgorze 1514\_66 R\_Date(1215,30)**

68.3% probability

**785AD (42.8%) 836AD**

843AD (25.5%) 877AD

95.4% probability

689AD (13.4%) 742AD

**771AD (82.0%) 890AD**

**Srebrne Wzgorze 1573\_66 R\_Date(2095,30)**

68.3% probability

**152BC (68.3%) 53BC**

95.4% probability

**197BC (93.9%) 40BC**

10BC ( 1.5%) 1AD

**Srebrne Wzgorze 1624\_66 R\_Date(2045,30)**

68.3% probability

95BC (14.0%) 73BC

**56BC (54.3%) 13AD**

95.4% probability

**154BC (93.4%) 29AD**

45AD ( 2.0%) 58AD

**Srebrne Wzgorze 1125\_66 R\_Date(2015,30)**

68.3% probability

**46BC (68.3%) 26AD**

95.4% probability

95BC ( 3.4%) 74BC

**56BC (90.8%) 81AD**

99AD ( 1.3%) 109AD

**Srebrne Wzgorze 1166\_66 R\_Date(2065,30)**

68.3% probability

147BC ( 3.6%) 140BC

**109BC (56.0%) 39BC**

12BC ( 8.7%) 3AD

95.4% probability

**166BC (95.4%) 11AD**

**Srebrne Wzgorze 1855\_66 R\_Date(1900,30)**

68.3% probability

88AD ( 3.1%) 92AD

**119AD (65.1%) 204AD**

95.4% probability

**62AD (95.4%) 225AD**

**Srebrne Wzgorze 1696\_66 R\_Date(2115,30)**

68.3% probability

**172BC (57.7%) 96BC**

72BC (10.5%) 57BC

95.4% probability

342BC ( 4.4%) 323BC

**201BC (91.1%) 47BC**

**Srebrne Wzgorze 1853\_66 R\_Date(3620,30)**

68.3% probability

**2027BC (68.3%) 1941BC**

95.4% probability

2123BC ( 5.6%) 2095BC

**2040BC (89.8%) 1891BC**

**Srebrne Wzgorze 2049\_66 R\_Date(1150,30)**

68.3% probability

777AD ( 4.8%) 785AD

835AD ( 5.4%) 846AD

877AD (17.7%) 901AD

**916AD (40.3%) 974AD**

95.4% probability

773AD ( 7.5%) 789AD

**824AD (88.0%) 988AD**

**Srebrne Wzgorze 1916\_66 R\_Date(1025,30)**

68.3% probability

**994AD (68.3%) 1029AD**

95.4% probability

902AD ( 1.6%) 915AD

**976AD (84.8%) 1048AD**

1082AD ( 7.7%) 1129AD

1138AD ( 1.4%) 1150AD

**Srebrne Wzgorze 879\_67 R\_Date(980,30)**

68.3% probability

1024AD (23.6%) 1047AD

**1083AD (37.3%) 1128AD**

1139AD ( 7.4%) 1149AD

95.4% probability

995AD ( 2.8%) 1005AD

**1016AD (92.7%) 1158AD**

