

Appendix 2

AMS ¹⁴C dates

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¹⁴C ages are reported in conventional radiocarbon years BP (before present = 1950) in accordance with international convention (M. Stuiver & H.A. Polach: Discussion of reporting ¹⁴C data. Radiocarbon 19(3) (1977) p. 355). Thus, all calculated ¹⁴C ages have been corrected for fractionation so as to refer the result to be equivalent with the standard δ¹³C value of -25‰ (wood). Reported δ¹³C values have been measured by AMS. The values represent the isotopic composition of the original sample and is indicative regarding association with the terrestrial/marine/freshwater food chains.

Calibrated ages in calendar years have been obtained from the calibration curves in Reimer et al. 2020 Radiocarbon vol. 62(4) pp 725-757 by means of the Oxcal v4.4.4 calibration programme (Bronk Ramsey., 2009, Radiocarbon, 51(1) 337-360) using the terrestrial calibration curve, IntCal20.

The probability method has been used to calculate the calibrated age ranges corresponding to 68.2% probability (1 sigma) and 95.4% probability (2 sigma) with the probability of each range given in brackets (indicating the probability that the true date belongs to the interval in question).

Lab. No.	Sample no.	Description	Material (species)	Context	¹⁴ C age	pMC	δ ¹³ C AMS	Calibrated age 1 sigma	Calibrated age 2 sigma
AAR 34082	ØFM 1090 X5	Hedegyden 09.06.09 sb. 18, Kullerup sogn, Svendborg Amt. Latitude: 6131904.4 Longitude: 608278.8	Plant/Straw (indef.)	Packing material in hanging vessel fig. 3a.	2434 ± 43	73.86 ± 0.39	-41 ± 1	68.3% probability 735BC (13.6%) 695BC 663BC (4.9%) 649BC 545BC (49.7%) 412BC	95.4% probability 753BC (20.9%) 681BC 668BC (13.1%) 608BC 594BC (61.4%) 403BC
AAR 34083	ØFM 1090 X6	Hedegyden 09.06.09 sb. 18, Kullerup sogn, Svendborg Amt. Latitude: 6131904.4 Longitude: 608278.8	Wood/Bark (indef.)	Remnants of bucket or container under hanging vessel fig. 3d.	2692 ± 36	71.53 ± 0.32	-29 ± 1	68.3% probability 896BC (26.7%) 869BC 841BC (41.6%) 806BC	95.4% probability 909BC (95.4%) 800BC
AAR 35030	ØFM 1090 X100	Hedegyden 09.06.09 sb. 18, Kullerup sogn, Svendborg Amt. Latitude: 6131904.4 Longitude: 608278.8	Wood/Bark (deciduous)	Found between hanging vessel fig. 3d and belt ornament fig. 3e.	2835 ± 49	70.26 ± 0.43	-24 ± 5	68.3% probability 1052BC (68.3%) 915BC	95.4% probability 1190BC (1.0%) 1178BC 1156BC (0.9%) 1146BC 1126BC (90.2%) 894BC 875BC (3.4%) 838BC
AAR 35031	ØFM 1090 X101	Hedegyden 09.06.09 sb. 18, Kullerup sogn, Svendborg Amt. Latitude: 6131904.4 Longitude: 608278.8	Wood (deciduous)	Remnants of bucket or container at the neck of hanging vessel fig. 3d and fig. 3f.	2942 ± 77	69.34 ± 0.67	-31 ± 8	68.3% probability 1260BC (65.4%) 1045BC 1030BC (2.9%) 1018BC	95.4% probability 1387BC (5.7%) 1338BC 1319BC (86.7%) 966BC 964BC (3.0%) 930BC

Lab. No.	Sample no.	Description	Material (species)	Context	14C age	pMC	d13C AMS	Calibrated age 1 sigma	Calibrated age 2 sigma
AAR 33358	ØFM 445 X10	Mensalgård 08.01.06 sb. 108, Kølstrup sogn, Odense Amt. Latitude: 6143860 Longitude: 602507	Charcoal (deciduous)	From earth in and around the two hanging vessels.	2981 ± 31	69 ± 0.27	-29 ± 1	68.3% probability 1261BC (46.5%) 1191BC 1176BC (10.8%) 1158BC 1145BC (11.0%) 1127BC	95.4% probability 1376BC (3.3%) 1350BC 1300BC (91.0%) 1110BC 1091BC (0.5%) 1084BC 1064BC (0.6%) 1057BC
AAR 34552	ØFM445 X9	Mensalgård 08.01.06 sb. 108, Kølstrup sogn, Odense Amt. Latitude: 6143860 Longitude: 602507	Plant/Straw (indef.)	Packing material found between the two hanging vessels	2644 ± 42	71.96 ± 0.38	-16 ± 2	68.3% probability 889BC (3.2%) 884BC 832BC (65.1%) 787BC	95.4% probability 898BC (17.0%) 857BC 856BC (78.4%) 774BC
AAR 35028	ØFM 777 x101	Ullerslev Nord 09.06.16 sb. 84, Ullerslev sogn, Svendborg Amt. Latitude: 6136916 Longitude: 605776	Charcoal (Corylus)	Charcoal from block lift containing vessel and part of a neck ring	2886 ± 24	69.82 ± 0.21	-21 ± 6	68.3% probability 1111BC (37.7%) 1062BC 1059BC (13.7%) 1042BC 1036BC (16.9%) 1015BC	95.4% probability 1195BC (3.2%) 1174BC 1160BC (2.5%) 1144BC 1128BC (89.6%) 984BC 941BC (0.1%) 940BC
AAR 35029	ØFM 777 x102	Ullerslev Nord 09.06.16 sb. 84, Ullerslev sogn, Svendborg Amt. Latitude: 6136916 Longitude: 605776	Charcoal (deciduous - not Quercus)	Charcoal from block lift containing vessel and part of a neck ring	3111 ± 52	67.89 ± 0.44	-25 ± 5	68.3% probability 1437BC (37.2%) 1370BC 1355BC (31.1%) 1296BC	95.4% probability 1497BC (94.4%) 1259BC 1242BC (1.1%) 1233BC

OxCal v4.4.4 Bronk Ramsey (2021); r:5 Atmospheric data from Reimer et al (2020)

