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Wood anatomy and dendrochronological analysis of wood samples from Kongens Nytorv (KBM 3829), fase 5B-2, Copenhagen, Denmark

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DEPARTMENT OF QUATERNARY GEOLOGY
KVARTÄRGEOLOGISKA AVDELNINGEN
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5 April 2012

Nationella Laboratoriet för Vedanatomi och Dendrokronologi, rapport nr 2012:18
Hans Linderson and Johannes Edvardsson
WOOD ANATOMY AND DENDROCHRONOLOGICAL ANALYSIS OF
WOOD SAMPLES FROM KONGENS NYTORV (KBM 3829), FASE 5B-2,
COPENHAGEN, DENMARK

Constituent: Københavns Museum, Absalonsgade 3, 1658, København V
Area: Kongens Nytorv, Copenhagen **Sample Id:** 60147-165, 60167-181, 60211-214
Number of samples: 32 **Dendrochronological object:** Kongens Nytorv, fase 5B-2

Information:

Discussion:

Results:

CATRAS nr	PD	Species	Years	Character (Sp) Sapwood (W) Wane (B) Bark	Dating	Tree felling (V) Winter (E) After	Remark	Min Own Age	Max own age
60147	209072	Spruce	49	W	Undated	-			
60148	209073	Pine	167	Sp 60, W	Undated	-		180	200
60149	209074	Spruce	55		Undated	-			
60150	209078	Spruce	28		Undated	-			
60151	209083	Oak	126	No Sp	1176	After 1186	Local / W Denmark		
60152	209084	Oak	172	Close to Sp	1157	After 1167	Likely 1170-1190, SW Sweden	210	300
60153	209088	Oak	103	No Sp	1137	After 1147	Local / W Denmark	130	250
60154	209089	Hazel					Wood anatomy		
60155	209090	Hazel					Wood anatomy		
60156	209091	Alder					Wood anatomy		
60157	209092	Hazel					Wood anatomy		
60158	209093	Beech	352	W	1227	V 1227/28	S Scandinavia	370	410
60159	209094	Beech	204	W	1227	V 1227/28	S Scandinavia	250	300
60160	209095	Oak	117	No Sp	1160	After 1170	Prob. close to SP, and felling 1170-1210, S Sweden	160	250
60161	209096	Oak	132	No Sp	1153	After 1163	S Sweden	180	300
60162	209097	Oak	157	No Sp	1151	After 1161	S Sweden	200	300
60163	209098	Oak	122	No Sp	1148	After 1158	S Sweden	150	250
60164	209099	Oak	57	No Sp	1046	After 1056	S Sweden	80	150
60165	209100	Beech	71	W	Undated	-		80	100

60167	909102	Oak	71	No Sp	1104	After 1114	Local / W Denmark	90	150
60168	209103	Oak	98	No Sp	1139	After 1149	Local / W Denmark	120	200
60169	209104	Beech	70	Close to W	Undated	-		80	110
60170	209105	Oak	118	No Sp	1089	After 1099	SW Sweden	140	250
60171	209106	Beech	266	W	1227	V 1227/28	S Scandinavia	290	330
60172	209107	Beech	39	W, B	Undated	-		50	70
60173	209108	Beech	242	W	1227	V 1227/28	S Scandinavia	290	340
60180	209085	Alder	25	W		*1210±50	Alnus sp, C14	30	40
60181	209086	Alder	29	W		*1245±35	Alnus sp, C14	40	50
60211	209076	Spruce	37	W	Undated	-			
60212	209077								
60213	209079								
60214	209080								

*(60180-181) Radiocarbon dated (Id LuS 9701 and LuS 9702), result shown with 1 sigma in the table

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