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## Wood anatomy and dendrochronological analysis of wood samples from Kongens Nytorv (KBM 3829), Fase 45B, Copenhagen, Denmark

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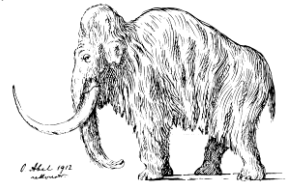
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DEPARTMENT OF QUATERNARY GEOLOGY  
KVARTÄRGEOLOGISKA AVDELNINGEN  
HANS LINDERSON



5 April 2012

**Nationella Laboratoriet för Vedanatomi och Dendrokronologi, rapport nr 2012:14**  
**Hans Linderson och Johannes Edvardsson**  
**WOOD ANATOMY AND DENDROCHRONOLOGICAL ANALYSIS OF**  
**WOOD SAMPLES FROM KONGENS NYTORV (KBM 3829), FASE 45B,**  
**COPENHAGEN, DENMARK**

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**Constituent:** Københavns Museum, Absalonsgade 3, 1658, København V

**Area:** Kongens Nytorv, Copenhagen **Sample Id:** 60183-210

**Number of samples:** 28 (8 dendro and 20 wood anatomy samples with internal cross-dating analyse) **Dendrochronological object:** Kongens Nytorv, fase 45B (all included)

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**Comments:**

Unified Dendrochronological groups (table below)

H. Pine from **Småland**, Southern Sweden. They are felled during the **winters 1835/36, 1836/37 and 1838/39.**

I. Pine from **Gotland**, Sweden. They are felled the **winter 1613/14** (compare remarks \*\*)

## 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	Group
60183	77210	Pine	73	Sp 44, W	1836	V 1836/37	Sweden, Småland	100	110	H
60184	77211	Pine	71	Sp 46, W	1836	V1836/37	Sweden, Småland	90	110	H
60185	77212	Pine	77	Sp 50, W	1838	V 1838/39	Sweden, Småland		120	H
60186	77213	Pine	79	Sp 48, W	1838	V 1838/39	Sweden, Småland	110	130	H
60187	77214	Pine	91	Sp 57, W	1838	V 1838/39	Sweden, Småland	120	130	H
60188	77215	Pine	82	Sp 48	1835	V 1835/36	Sweden, Småland	100	120	H
60189	90754	Pine	107	Sp 70, W	1613	V 1613/14	Sweden, Gotland	200	250	I
60190	90755	Pine	119	Sp 76, prob W	1613	**V 1613/14	Sweden, Gotland	160	200	I
60191	210867						Missing			
60192	211485	Salix	3		Undated	-				
60193	211485- 2	Salix	3		Undated	-				
60194	211852	Alder	6	W, B	Undated	-	Too few annual rings			
60195	211855	Oak	24	No Sp	Undated	-				
60196	211856	Alder	7	W, B	Undated	-	Too few annual rings			
60197	211857	Alder	6	W, B	Undated	-	Too few annual rings			
60198	211859	Alder	9	W, B	Undated	Y*	Too few annual rings			
60199	211860	Alder	10	W, B	Undated	Y*	Too few annual rings			
60200	211861	Alder		No W	Undated	-	Too few annual rings			
60201	211862	Alder	7	No W	Undated	-	Too few annual rings			
60202	211863	Alder	8	W, B	Undated	Y*	Too few annual rings			
60203	211864	Alder	6	W, B	Undated	Y*	Too few annual rings			
60204	211865	Alder	7	W, B	Undated	-	Too few annual rings			
60205	211866	Alder	8	W, B	Undated	-	Too few annual rings			
60206	211867	Alder	6	W, B	Undated	-	Too few annual rings			
60207	211868	Alder			Undated	-	Too few annual rings			
60208	211869	Alder	5	W, B	Undated	-	Too few annual rings			
60209	211870	Alder	8	W, B	Undated	Y*	Too few annual rings			
60210	211872	Alder	12	No W	Undated	-	Too few annual rings			

\*(60198, 199, 202, 203, 209) Most likely common felling year Y, but undated samples

\*\*60190, tree felling between 1613-1623, but most likely the winter 1613/14

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