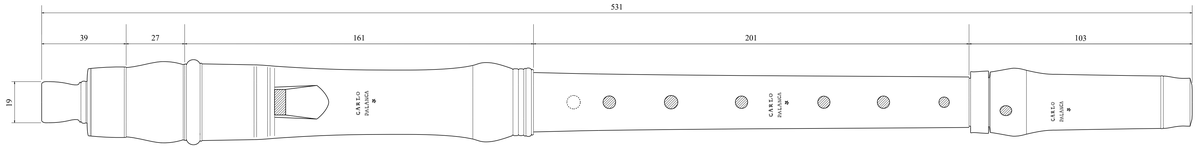
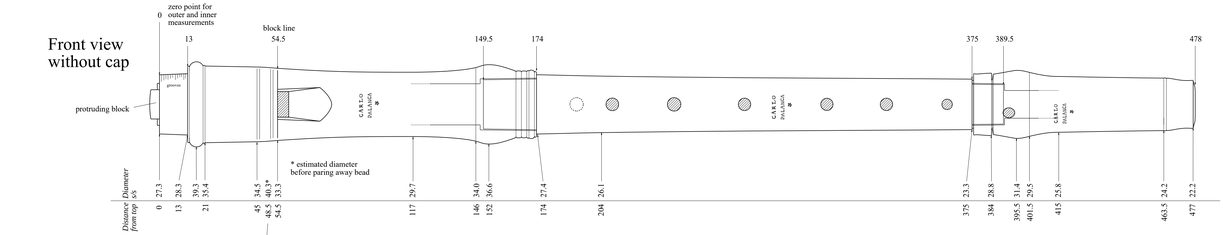
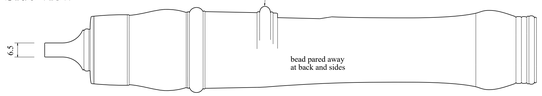
Front view



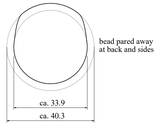
Front view without cap



Side view

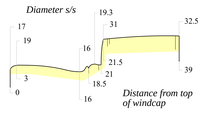


Cross section at about 48.5 from top

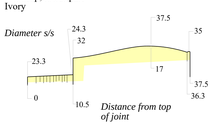


Turning details 2:1

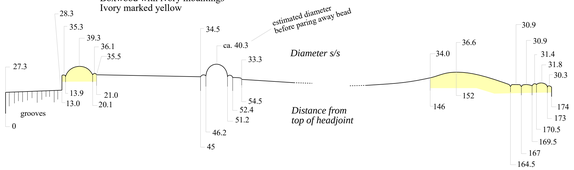
Windcap, upper part
Ivory



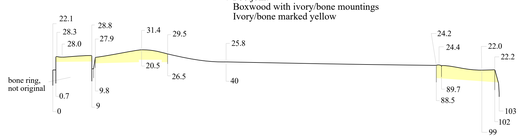
Windcap, lower part
Ivory



Headjoint
Boxwood with ivory mountings
Ivory marked yellow



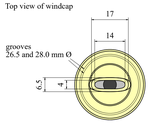
Footjoint
Boxwood with ivory/bone mountings
Ivory/bone marked yellow



Joints and ferrules

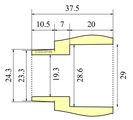
Ivory parts marked yellow

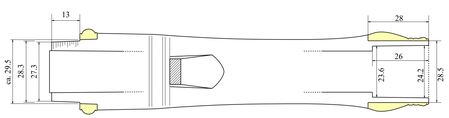
Top view of windcap

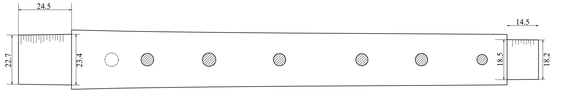


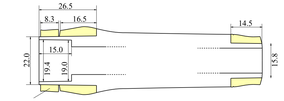
Length section of windcap, upper part
Two pieces of ivory, glued together

Windcap, lower part

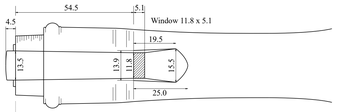






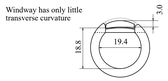


Front view of windway



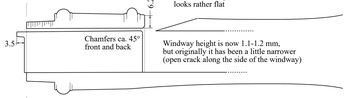
Top view of headjoint

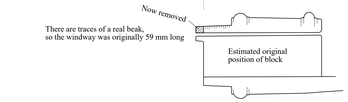
Severe cracks in both sides.
Front of windway has been pressed down. It is difficult to estimate original windway height



Side view of windway

Block with protruding beak seems to be original, but it is about 1 mm from original position





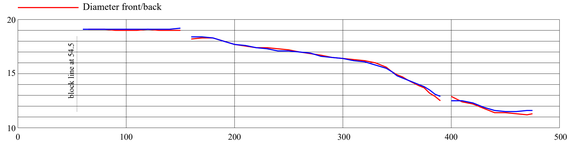
Finger holes

Finger hole No.	Distance from top of headjoint to center of hole	Ø side/side	Remarks
0	192.5	6.0	= thumb hole
1	209	5.8	
2	237.5	6.2	
3	270	5.7	
4	308	5.6	
5	335.5	5.7	
6	363.5	4.8	
7	392	5.4	20° downwards

All holes are fairly circular, heavily undercut in all directions. Clear traces of use, especially at thumb hole.

Inner bore

measured from top of headjoint without cap



Bore dimensions

Length from top	Diameter side/side	Diameter front/back	
60	19.1		head-joint
70	19.1	19.1	
80	19.1	19.1	
90	19.1	19.0	
100	19.1	19.0	
110	19.1	19.0	
120	19.1	19.1	
130	19.1	19.0	
140	19.1	19.0	
150	19.2	19.0	
160	18.4	18.2	middle joint
170	18.4	18.3	
180	18.3	18.3	
190	18.0		
200	17.7	17.7	
210	17.6		
220	17.4	17.4	
230	17.3	17.4	
240	17.1		
250	17.1	17.2	
260	17.0	17.0	
270	16.9		
280	16.6	16.7	
290	16.5	16.5	
300	16.4	16.4	
310	16.2		
320	16.1	16.2	
330	15.8	16.0	
340	15.5	15.6	
345	15.2	15.2	
350	14.8	14.9	
355	14.6	14.7	
360	14.4	14.4	
370	14.0	13.9	
375	13.8	13.7	
380	13.5	13.2	
385	13.1	12.9	
390	12.9	12.5	
400	12.5	12.9	foot-joint
410	12.5	12.4	
420	12.3	12.2	
430	11.9	11.8	
440	11.6	11.4	
450	11.5	11.4	
460	11.5	11.3	
470	11.6	11.2	
475	11.6	11.3	

Recorder in f'
with flageolet-like mouthpiece
by Carlo Palanca, Turin

Musikmuseet, Musikhistorisk Museum & Carl Claudius' Samling, Copenhagen, Denmark
Inv. No. E 86

Boxwood recorder with ivory windcap and mountings. The flageolet-like windcap seems to be original. The upper end of the windway is badly damaged by pressure of the cap caused by moisture from the player's breath, and there is a heavy crack along the right side of the windway. The windway is so narrow due to the compression that inspection is very difficult and playing impossible. The front part of the beak (inside the windcap) has been removed. The pitch is estimated to a'=426-430 Hz.

Measured and drawn May/June 2013 by Ture Bergstrøm, Musikmuseet, Copenhagen