

Basic Detail Report



Violin

Date

1660-1723 ca.

Primary Maker

Antonio Stradivari

Description

This violin is a composite instrument, with back and sides attributed to Martino Othi of Bologna, and top by Antonio Stradivari. Dendrochronology (tree ring dating) performed on the instrument reveals the last tree ring of the top is from 1705, with a likely date of manufacture from ca. 1719-1725. Interestingly, there is a similar instrument listed in 1774 estate inventory of violinist and composer Giovanni Stefano Carbonelli, with a label dating the Stradivari top to 1723. It has been proposed by Duane Rosengard and John Dilworth that this may be Carbonelli's instrument. Top: two-piece, quarter-cut spruce: medium grain broadening to very wide at edges; filled knot at upper bass edge; wood pin through top into top block on treble side of center joint; wood pin through top into bottom block on bass side of center joint Back: one-piece, slab-cut maple: faint, irregular curl; wood pin through back into top block on bass side of center; wood pin through back into bottom block on treble side of center; large wood pin through button into neck heel; ebony heel cap Ribs: maple cut off-the-quarter: medium curl, angled to left in upper and lower bouts, angled to right in center bouts; one-piece lower rib Head: maple: medium curl

Neck: maple: medium curl; grafted Varnish: dark red-brown Fingerboard: ebony; later Nut: ebony; later Tailpiece: boxwood; beveled face; ebony saddle; later Tailgut: black gut; later Pegs: boxwood; ivory pins; undercut heads; later Saddle: ebony; later Endpin: ebony; later F-holes: channeled lower wings Linings: willow, poplar, or similar wood; set into corner blocks Corner blocks: willow, poplar, or similar wood Top block: willow, poplar, or similar wood; later Bottom block: willow, poplar, or similar wood; later Bassbar: spruce; later

Dimensions

Total violin length: 550 mm Back length: 332 mm Upper bout width: 150 mm Center bout width: 99 mm
Lower bout width: 190 mm Upper rib height: 27-30 mm Center rib height: 28-31 mm Lower rib height: 29-
31 mm Stop length: 185 mm Vibrating string length: 314 mm Neck length (bottom of nut to ribs): 127 mm