

Basic Detail Report



Violin

Date

1796

Primary Maker

Johann Gottfried Hamm

Description

This violin by Johann Gottfried Hamm is preserved in its original condition. It has the high-bulbous arching, influenced by the Stainer model, that can be found in instruments made in the Vogtland region, of which Markneukirchen is a part. Top: two-piece, quarter-cut spruce: very fine grain; no notch in top edge at neck heel; two wooden dowels through top into top block on each side of center joint, the treble dowel missing; two dowel holes through top into bottom block on each side of center joint, both dowels missing Back: two-piece, quarter-cut maple: very narrow curl ascending slightly from center joint; paper strip glued along inside of back joint Ribs: quarter-cut maple: narrow curl; wide grain; one-piece lower rib with scored marks at bottom indicating center position Head and neck: maple: plain; two filled holes on back of pegbox at and above E-peg position; notch on bass side of neck marking nut position Arching: high and full with deep re-curve Purfling: wide center strip; continues under fingerboard Varnish: medium brown

Fingerboard: later spruce veneered with ebony; by William Monical (original wedge-shaped spruce veneered with black-stained pearwood) Nut: ebony; short; later Tailpiece: ebony; tailgut passes through holes drilled in top of face; inlaid saddle; beveled lower end; strongly curved face; two abalone eyes inlaid on lower half; large abalone diamond with smaller abalone eyes inlaid on upper half of face Tailgut: red gut Pegs: ebony with undercut heads; by William Monical Saddle: ebony; extends into rib; raised, lozenge-shaped nut on upper edge Endpin: red hardwood; three turned grooves and raised eye at center F-holes: curved wings; slightly rounded f-hole corners; inside edges stained black Linings: spruce Corner blocks: spruce Top block: integral with neck; rounded lower edge with chisel marks; platform with rounded and tapered lower edge carved from back under top block Bottom block: spruce; small Bassbar: long; low height; possibly carved from top Other: toothed plane and burn marks on inside of ribs

Dimensions

Total violin length: 596 mm Back length: 361 mm Upper bout width: 161 mm Center bout width: 104 mm
Lower bout width: 200 mm Upper rib height: 30-31 mm Center rib height: 30-31 mm Lower rib height: 30-
31 mm Stop length: 193 mm Vibrating string length: 320 mm Neck length (bottom of nut to ribs): 131 mm