

Basic Detail Report



Neapolitan mandolin

Date

1917 ca.

Primary Maker

Lyon & Healy

Description

Soundboard: two-piece spruce: fine grain Bowl: 15 rosewood staves, inner 13 ribs narrower, divided by maple stringing Clasp: rosewood; festooned lower end Head: Spanish cedar veneered with rosewood on front face Neck: Spanish cedar; integral with head Binding: ebony; trim on top comprised of two-ply light and dark hardwood Fingerboard: brown-stained maple; 20 nickel-silver frets under E and A strings, 18 under D and G strings; mother-of-pearl dots behind 3rd and 10th fret; mother-of-pearl single dots inlaid behind 5th, 7th, 12th, and 14th frets; ivory-celluloid side dots inlaid behind 3rd, 5th, 7th, 12th, and 14th frets Nut: bone Bridge: missing Tuners: enclosed worm-gear machine tuners with nickel-plated steel cover, brass rollers, and ivory-celluloid heads Tailpiece: nickel-plated brass; missing cover Rosette: elliptical; ebony; trim comprised of four-ply light and dark hardwood Pick guard: imitation tortoiseshell-celluloid Lacquer: slightly yellowed with craquelure Bowl lining: black-painted cloth Blocks: light hardwood neck and bottom blocks Top braces: spruce brace with tapered ends above soundhole; spruce braces with tapered ends below soundhole and at widest point of body; thick spruce lining along inside of bend Linings: dark-stained spruce

Dimensions

Total mandolin length: 618 mm (24-11/32") Top length: 315 mm (12-13/32") Maximum body width: 202 mm (7-15/16") Maximum bowl height: 172 mm (6-25/32") Head length: 155 mm (6-3/32") Head width, top: 66 mm (2-19/32") Head width, bottom: 53 mm (2-3/32") Neck length (nut to ribs): 143 mm (5-5/8") Neck width,

nut: 30 mm (1-3/16") Neck width, heel: 39 mm (1-17/32") Soundhole height: 50 mm (1-31/32") Soundhole width: 75 mm (2-15/16") Vibrating string length (nut to bridge edge): 328 mm (12-29/32") [estimated from discoloration on soundboard indicating where bridge would have been]