
























OBJECT INFORMATION	RECTO & VERSO IMAGES	DIMENSIONS	SUPPORTS: WOOD ID & FABRIC	GROUND PREPARATION	UNDERPAINTING	PAINT MEDIUM	PIGMENTS	INSCRIPTIONS	COATING & RETOUCHING	EXAMINATION & ANALYTICAL TECHNIQUES
<b>36.3</b> , late 17th–early 18th century, right and center panel of a former triptych, <i>Virgin and Child Flanked by Archangels; Scenes from the Lives of Christ and the Virgin, and Saints</i>		L panel 20 1/2 × 10 1/4 in. (52.07 × 26.03 cm); R panel 20 1/2 × 10 3/16 in. (52.07 × 25.87 cm)	Wood panel: <i>Vachellia etbaica</i> (Schweinf.)	Calcium-sulfate layer in proteinaceous binder? Originally applied to front and top edge surfaces	Underpainting in carbon black, and possibly black + indigo	Distemper: animal glue protein (not yet analyzed)	Visual ID: vermilion, iron earth (including hematite), indigo, orpiment, carbon black, white ground and lead white, unidentified green	Black Gə'əz on red, green, and blue in painting, and on ground on frame flat	Never varnished	Visual examination, X-radiography, UV and IRR imaging, anatomical wood ID, Raman
<b>36.4</b> , early 17th century, triptych, <i>Virgin and Child Flanked by Archangels, Scenes from the Life of Christ</i>		Cntr panel 16 5/8 × 11 1/4 in. (42.23 × 28.6 cm); L panel 16 5/8 × 5 7/16 in. (42.2 × 13.8 cm); R panel 16 3/4 × 5 5/8 in. (42.5 × 14.3 cm)	Wood panel: <i>Ziziphus</i> cf. <i>spina-christi</i>	Calcium-sulfate layer in proteinaceous binder? Originally applied to all surfaces: front, perimeter of back, and sides	Underpainting in carbon black, and possibly black + indigo	Distemper: animal glue protein (not yet analyzed)	Visual ID: vermilion, indigo, orpiment, carbon black, white ground and lead white	Black Gə'əz on blue in painting and on ground on frame flat	Never varnished	Visual examination, X-radiography, UV and IRR imaging, anatomical wood ID
<b>36.5</b> , late 18th century, bi-lateral pendant diptych, <i>Virgin and Child Flanked by Archangels, Saint George, Kʷər'atä rə'əsu, and Saint Täklä Haymanot and Donor</i>		Two panel doors open: 3 7/16 × 5 9/16 × 5/8 in. (8.7 × 14.1 × 1.55 cm); closed: 3 7/16 × W: 2 7/16 × D: 5/8 in. (8.7 × 6.2 × 1.55 cm)	Wood panel: <i>Ficus sycamorus</i> L.	Calcium-sulfate layer in proteinaceous binder? Originally applied to all surfaces: front, back, and sides	Underpainting in carbon black	Distemper: animal glue protein (not yet analyzed)	Visual ID: vermilion, iron earth (including hematite), indigo, orpiment, carbon black, white ground and lead white, unidentified green	None	Never varnished	Visual examination, X-radiography, UV and IRR imaging, anatomical wood ID
<b>36.6</b> , early 16th century, triptych, <i>Virgin and Child Flanked by Archangels, Scenes from the Life of Christ, and Equestrian Saints</i>		Cntr panel 10 1/2 × 7 13/16 in. (26.67 × 19.8 cm); L panel 10 7/16 × 3 15/16 in. (26.5 × 10 cm); R panel 10 1/2 × 3 7/8 in. (26.67 × 9.84 cm)	Wood panel: <i>Cordia africana</i> Lam.	Calcium-sulfate layer in proteinaceous binder? Originally applied to all surfaces: front, back, and sides	Underpainting in carbon black	Distemper: animal glue protein (not yet analyzed)	Visual ID: iron earth (including hematite), indigo, orpiment, carbon black, white ground	Black Gə'əz on ground.	Never varnished	Visual examination, X-radiography, UV and IRR imaging, anatomical wood ID

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<b>36.7</b> , late 17th century—early 18th century, triptych, <i>Virgin and Child Flanked by Archangels; Scenes from the Life of Christ; Apostles and Saint George and Saint Mercurius</i>		Cntr panel 15 1/8 × 9 × 3/4 in. (38.4 × 22.8 × 1.9 cm); L panel 14 7/8 × 4 5/16 × 1/2 in. (37.8 × 11 × 1.3 cm); R panel 15 1/16 × 4 7/16 × 9/16 in. (38.2 × 11.2 × 1.42 cm)	Wood panel: <i>Vachellia tortilis</i>	Calcium-sulfate layer in proteinaceous binder? Originally applied to all surfaces: front, back, and sides	Observed underpainting in carbon black: no IRR image	Distemper: animal glue protein (not yet analyzed)	Visual ID: vermilion, iron earth (including hematite), indigo, orpiment, carbon black, white ground and lead white, unidentified green	None	Never varnished	Visual examination, X-radiography, UV imaging, anatomical wood ID
<b>36.8</b> , late 17th century, bi-lateral pendant diptych, <i>Virgin Mary at Dayr al-Maḡtas (Dābrā Məṯmaq), Archangels, and Saints</i>		open: 4 3/8 × 10 1/8 in. (11.11 × 25.7 cm); closed: 4 3/8 × W: 3 5/8 in. (11.11 × 9.2 cm)	Wood panel: <i>Olea capensis</i> L.	Calcium-sulfate layer in proteinaceous binder? Originally applied to all surfaces: front, back, and sides	Underpainting in carbon black	Distemper: animal glue protein (not yet analyzed)	Visual ID: vermilion, indigo, orpiment, carbon black, white ground, unidentified green	Black Gə'əz on yellow and red	Never varnished	Visual examination, X-radiography, UV and IRR imaging, anatomical wood ID
<b>36.11</b> , ca. 1700, triptych, <i>Virgin and Child and Saints</i>		Cntr panel 6 × 4 3/4 × 3/8 in. (15.2 × 12 × 0.9 cm); L panel 5 1/2 × 2 3/16 × 1/8 in. (14 × 5.4 × 0.3 cm); R panel 5 1/2 × 2 1/16 × 5/32 in. (14 × 5.2 × 0.4 cm)	Wood panel: <i>Ficus sur</i> Forssk.	Calcium-sulfate layer in proteinaceous binder? Originally applied just to interior surfaces	None visible	Distemper: animal glue protein (not yet analyzed)	Visual ID: vermilion, indigo, orpiment, carbon black, white ground, unidentified green	None	Never varnished	Visual examination, X-radiography, UV and IRR imaging, anatomical wood ID
<b>36.12</b> , late 15th century, Follower of Fəre Şəyon: diptych, <i>Virgin and Child Flanked by Archangels, Apostles and a Saint</i>		L panel 10 × 7 1/2 × 3/4 in. (25.4 × 19.05 × 1.91 cm); R panel 10 × 7 1/2 × 3/4 in. (25.4 × 19.05 × 1.91 cm)	Wood panel: <i>Cordia africana</i> Lam.	Single layer of anhydrite (calcium sulfate) in proteinaceous binder (1017–1018 cm <sup>-1</sup> )	Underpainting in indigo, indigo + carbon black mixture	Distemper: animal glue protein and egg mixture indicated by FTIR	Analyzed: vermilion, iron earth (including hematite), indigo, orpiment, green (orpiment + indigo), carbon black, unidentified black, white ground and lead white	Red iron oxide Gə'əz on green, yellow Gə'əz on burgundy	No original coating. Retouching and reinforcement of abrasions.	Visual examination, UV and IRR imaging, X-radiography, anatomical wood ID, XRF, FCIR, FORS, Raman, cross-sections, FTIR

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<b>36.13.1</b> , mid-19th century, trimmed section of wall painting, <i>Archangel Michael and the Crossing of the Red Sea</i>	 	80 11/16 × 21 5/8 in. (205 × 55 cm)	Canvas pieces: thread count of 11×15 threads/cm <sup>2</sup>	Double layer of gypsum (calcium sulfate dihydrate) in proteinaceous binder (peaks around 1100 cm <sup>-1</sup> )	Underpainting in carbon black	Distemper: animal glue protein and egg mixture indicated by FTIR	Analyzed: Prussian blue; visual ID: vermilion, carbon black, brown earth, white ground and lead white, unidentified green	Black Gə'əz on ground	No original coating	Visual examination, IRR imaging, cross-sections, FTIR
<b>36.13.2</b> , mid-19th century, trimmed section of wall painting, <i>Archangel Raphael and the Miracle of the Sea Monster</i>	 	72 1/16 × 18 7/8 in. (183 × 48 cm)	Canvas pieces: thread count varies from 10×19 threads/cm <sup>2</sup> to 10×15 threads/cm <sup>2</sup>	Double layer of gypsum (calcium sulfate dihydrate) in proteinaceous binder (peaks around 1100 cm <sup>-1</sup> ) and traces of barium sulphate? (peaks around 984 cm <sup>-1</sup> )	Underpainting in carbon black	Distemper: animal glue protein and egg mixture indicated by FTIR	Analyzed: prussian blue; visual id: vermilion, carbon black, brown earth, white ground and lead white, unidentified green	Black Gə'əz on ground	No original coating	Visual examination, IRR imaging, cross-sections, FTIR
<b>36.14</b> , late 15th century, right half of a diptych, <i>Virgin and Child Flanked by Archangels Above Mary with Saints</i>	 	10 7/16 × 7 3/8 in. (26.5 × 18.8 cm)	Wood panel: <i>Canarium schweinfurthii</i>	Single layer of gypsum (calcium sulfate dihydrate) in proteinaceous binder (1008–1009cm <sup>-1</sup> )	Underpainting in carbon black, possibly black + indigo, and red for the eyes	Distemper: animal glue protein indicated by FTIR	Analyzed: vermilion, iron earth (including hematite), indigo, orpiment, green (orpiment + indigo), carbon black, unidentified black, white ground and lead white	Black Gə'əz on red	No original coating	Visual examination, UV and IRR imaging, X-radiography, anatomical wood ID, XRF, FCIR, Raman, cross-sections, FTIR
<b>36.15</b> , ca. 1500, Follower of Niccolò Brancalone, right half of a diptych, <i>Virgin and Child</i>	 	3 7/8 × 3 5/16 in. (9.9 × 8.4 cm)	Wood panel: <i>Cordia africana</i> Lam.	Single layer of gypsum (calcium sulfate dihydrate) in proteinaceous binder (1008–1009 cm <sup>-1</sup> )	Underpainting in carbon blacks of different densities	Distemper: animal glue protein indicated by FTIR	Analyzed: vermilion, iron earth (including hematite), indigo, orpiment, green (orpiment + indigo), carbon black, unidentified black, white ground and lead white	Yellow Gə'əz on green and burgundy frame bevel; black Gə'əz on ground on frame flat	No original coating	Visual examination, UV and IRR imaging, X-radiography, anatomical wood ID, XRF, FCIR, Raman, cross-sections, FTIR

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<b>36.16</b> , early 15th century, diptych, <i>Saint George, the Virgin Mary and Infant Christ</i>		7 3/8 x 11 in. (18.7 x 27.9 cm)	Wood panel: <i>Cordia africana</i> Lam.	Single layer of anhydrite (calcium sulfate) in proteinaceous binder (1017–1018 cm <sup>-1</sup> )	Underpainting in indigo and iron earth mixture	Distemper: animal glue protein indicated by FTIR	Analyzed: vermilion, iron earth (including hematite), indigo, orpiment, green (orpiment + indigo), carbon black, unidentified black, white ground and lead white	Red Gə'əz on yellow of frame flat	Never varnished	Visual examination, UV and IRR imaging, X-radiography, anatomical wood ID, XRF, FCIR, Raman, cross-sections, FORS, FTIR
<b>36.17</b> , 19th century (?), bi-lateral pendant diptych, <i>Scenes from the Life of Christ, the Virgin Mary, and the Saints</i>		Closed, with cylinder: 10 1/16 x 6 15/16 x 2 3/8 in. (25.5 x 17.6 x 6 cm)	Wood panel: <i>Cordia africana</i> Lam.	Calcium sulfate layer in proteinaceous binder?	Underpainting in carbon black	Distemper: animal glue protein (not yet analyzed)	Visual ID: vermilion, iron earth (including hematite), indigo, orpiment, carbon black, white ground and lead white, unidentified green pigment	Black Gə'əz on yellow and red	Not yet identified	Visual examination, X-radiography, UV and IRR imaging, anatomical wood ID
<b>37.2574</b> , 20th century, bi-lateral polyptych, <i>Virgin and Child, Saint George and the Young Woman of Beirut, Archangels and Saints</i>		Overall: 13 7/16 x 6 3/4 in. (34.2 x 17.2 cm)	Wood panel: <i>Olea capensis</i> L.	Calcium sulfate layer in proteinaceous binder?	None visible	Not yet analyzed	Many pigments with darkening and fluorescence issues	None	Unidentified discontinuous coating	Visual examination, UV and IRR imaging, X-radiography, anatomical wood ID, Raman, FTIR, cross-sections of fluorescent areas



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<b>1994.7.19</b> , 20th century, <i>Daily-Life Activities</i>		Framed: 37 1/2 x 49 1/4 in. (95.3 x 125.1 cm)	Fabric mounted to backing board	Calcium sulfate layer in proteinaceous binder?	Not yet imaged, none apparent	Acrylic paint? (not yet analyzed)	Not yet examined	Black Gə'əz on yellow green	Never varnished	Visual examination
<b>1994.7.20</b> , 20th century, <i>Queen of Sheba and King Solomon Conceiving King Mənəlik I</i>		Framed: 29 x 56 3/4 in. (73.7 x 144.1 cm)	Open weave fabric mounted to backing board	Calcium sulfate layer in proteinaceous binder?	Underdrawing in possible graphite	Acrylic paint? (not yet analyzed)	Not yet examined. Pigments include gold paint	Black Gə'əz on white	Never varnished	Visual examination
<b>36.18</b> , 18th century, <i>Nativity, Presentation of Christ in the Temple, and Adoration of the Magi</i>		49 3/16 x 66 15/16 in. (124.9 x 170 cm)	6 cotton (?) canvas pieces mounted to linen canvas: thread count varies from 28 to 42 threads/cm <sup>2</sup> )	Calcium sulfate layer in proteinaceous binder?	Underpainting in carbon black	Distemper: animal glue protein (not yet analyzed)	Visual ID: vermillion, iron earth (including hematite), indigo, carbon black, white ground and lead white	None	Never varnished	Visual examination, X-radiography, UV and IRR imaging
<b>Private collection: IL. 1999.4</b> , ca. 1445–1480, <i>Fəre Şəyon</i> , right half of a diptych, <i>Virgin and Child Flanked by Archangels Michael and Gabriel</i>		23 x 22 3/4 in. (58.4 x 57.8 cm)	Wood panel: <i>Cordia africana</i> Lam.	Single layer of anhydrite (calcium sulfate) in proteinaceous binder (1017–1018 cm <sup>-1</sup> )	Underpainting in indigo	Distemper: animal glue protein indicated by FTIR	Analyzed: vermillion, iron earth (including hematite), indigo, orpiment, green (orpiment + indigo), carbon black, unidentified black, white ground and lead white	Yellow Gə'əz on red and burgundy, red Gə'əz on ground and yellow	No original coating. Modern varnish present. Retouching in limited areas.	Visual examination, X-radiography, UV and IRR imaging, anatomical wood ID, XRF, FCIR, FORS, Raman, cross-sections
<b>Private collection: IL. 2021.11.1</b> , mid-15th century, <i>Täklä Maryam, Saint George, Busto of Christ, Saints Peter and Paul</i>		9 7/16 x 5 1/8 in. (23.97 x 13.02 cm)	Wood panel	Calcium sulfate layer in proteinaceous binder?	Underpainting in carbon black, and possibly black + indigo	Distemper: animal glue protein (not yet analyzed)	Visual ID: vermillion, pink (vermillion + white), iron earth?, indigo, orpiment, carbon black, white ground and lead white, unidentified green	Yellow Gə'əz on red, black Gə'əz on ground on frame flat	No original coating? Modern varnish present. Retouching in limited areas.	Visual examination, X-radiography, UV and IRR imaging