

## PHOTOGRAPHY 1839-1937

## Catalog of the Exhibition

## BEFORE PHOTOGRAPHY

*2nd photo Book - Photo Ex -*  
 1 An artist drawing a ~~seated man~~ *resting woman* on a pane of glass through a sight vane. Photograph of a woodcut in Albrecht Dürer's *Underweysung der Messung*, Nuremberg, 1525

*not rec -*  
 2 Athanasius Kircher's camera obscura, 1671. Reproduced from an engraving in Athanasius Kircher's *Arts Magna Lucis et Umbrae*, Amsterdam, 1671, p. 709

*S-1767*  
 \*3 Camera obscura, late 18th century. Simple lens; image reflected to ground glass on top of camera, covered with an adjustable hood. 6 $\frac{3}{8}$ " high, 8 $\frac{1}{4}$ " wide, 14 $\frac{1}{2}$ " deep. Lent by A. Gilles, Paris

4 Reproduction of a landscape drawn with the camera obscura, by Karl Friedrich Schinkel (1781-1841). Lent by Henry-Russell Hitchcock, Jr., Middletown, Connecticut

*unrecorded*  
 5 Photographs of camerae lucidae, late 18th to early 19th centuries. Originals in The Science Museum, London

6 Claude glass, 18th century. A black concave mirror named after Claude Lorrain. The reduced and darkened image

was used as an aid to landscape painters. Lent by Mrs. Henry R. Hitchcock, Plymouth, Massachusetts

QUENEDY, Edmé. 1756-1830. Paris

\*7 a-g Portrait engravings made with the physionotrace. Lent by Julien Levy Gallery, New York *S-1790*

NIEPCE, Joseph-Nicéphore. Born Chalon-sur-Saône (Saône-et-Loire), France, 1765. First photographic experiments, 1816. Cardinal d'Amboise heliograph, 1826. Met Daguerre, 1827. Contract with Daguerre, 1829. Died Chalon-sur-Saône, 1833.

\*8 Reproduction of engraving of Cardinal d'Amboise, 1826 (photograph from original heliograph plate) *S-1834 unrecorded*

9 Reproduction of engraving of Christ carrying the cross, c. 1826 (photograph from original heliograph plate) *unrecorded*

Originals of nos. 8-9 collection The Royal Photographic Society of Great Britain, London; photographs courtesy The Science Museum, London

*lens. lent by Franklin Institute, Ph.*

## DAGUERREOTYPES

*which one*  
 ARNAUDE, J. Bordeaux, France

-10 Portrait of a Man, c. 1850. Lent by A. Gilles, Paris

BABBITT. Niagara Falls, New York

11 View of Niagara Falls, c. 1850. Lent by A. Gilles, Paris

BRADY, Matthew B. New York and Washington, D. C. For biography see nos. 149-169.

12 Family Group, c. 1850. Lent by Georges Sirot, Paris *S-1755*

DAGUERRE, Louis-Jacques-Mandé. Born Corneilles-en-Parisis (Seine-et-

Oise), France, 1787. Opened Diorama, Paris, 1822. Heard of Niépce's researches, 1826. Contract with Niépce, 1829. First existing daguerreotype, 1837. Published daguerreotypy, 1839. Died Bry-sur-Marne, 1851.

- 1797*  
 \*13 Still Life, 1837 (photograph of original in collection of Société Française de Photographie, Paris). The earliest daguerreotype in existence

DEMANGE. Metz, France

- 14 Portrait of a Man, c. 1850. Lent by A. Gilles, Paris

DERUSSY. Paris

- +15 Peasant Woman, c. 1845. Lent by A. Gilles, Paris

DESMONTS. Marseilles, France

- S-1760 -*  
 16 Honoré Daumier, c. 1845. Lent by A. Gilles, Paris

HAWES, Josiah Johnson. (Firm name: Southworth & Hawes.) Born Wayland, Massachusetts, 1808. Worked in Boston with Southworth. Died Boston, 1901.

- 17 Albert S. Southworth, c. 1847  
 18 Self Portrait, c. 1848  
 19 Mrs. J. J. Hawes, 1848  
*by Southworth & Hawes*  
 \*20 Chief Justice Lemuel Shaw, c. 1850

- 21 Donald Mackay, c. 1850

- S-1954 - - -*  
 22 Lola Montez, c. 1850

- 23 Triplets, c. 1850

- Newhall 1058 -*  
 24 Daniel Webster, 1851

- 25 Portrait of a Woman. Series of poses on same plate

Nos. 17-25 lent by Edward Southworth Hawes, Boston

HUBERT. Paris. Assistant to Daguerre

- unrecorded*  
 26 Still Life, 1839 (photograph of original in collection of Société Française de Photographie, Paris). Made at a public demonstration of the daguerreotype process

LANGENHEIM, W. & F. Brothers, William and Frederick. Born Brunswick, Germany, 1807 and 1802. Worked together in Philadelphia. Died Philadelphia, 1874 and 1879.

- \*27 "Panorama of the Falls of Niagara. Daguerreotype taken from the Clifton House, Canada side, July, 1845." Five plates in a frame *S-1765 8 S-1751 B*

- +28 Portrait of a Daguerreotype Operator, c. 1850

- 29 William Langenheim, c. 1850

- 30 Frederick Langenheim, c. 1850

- 31 F. D. Langenheim, c. 1850

Nos. 27-31 lent by F. D. Langenheim, Philadelphia

- 31a Portrait of a Woman, c. 1850

LEREBOURS, N. P. Paris

- \*32 Hôtel de Ville, Paris. Photo-mechanical reproduction made directly from daguerreotype plate by Fizeau process *S-1770*

- 33 Bas-relief, Notre-Dame, Paris. Untouched print from daguerreotype etched by Fizeau process

Nos. 32-33 published in *Excursions Daguerriennes*, Paris, Rittner & Goupil, Lerebours, Bossange, 1842. Lent by Victor Barthélemy, Paris

LORY. Rheims, France

- +34 Portrait of a Man, c. 1848. Lent by A. Gilles, Paris

MEADE BROTHERS. New York

- \*35 Portrait of a Woman, c. 1850. Lent by A. Gilles, Paris *S-1761*

VANERSON, J. Washington, D. C.

- 36 John Howard Payne, 1850. Lent anonymously

WHIPPLE, John A. Boston, Massachusetts

- 37 Henry Wadsworth Longfellow, 1859. Lent anonymously *Newhall 1057*



UNKNOWN PHOTOGRAPHERS,  
American

- 38 Abraham Lincoln, c. 1860  
+39 Henry Clay  
Nos. 38-39 lent anonymously

UNKNOWN PHOTOGRAPHERS

- 40 Notre-Dame, Paris, c. 1840  
41 Portrait of a Man, c. 1842  
Nos. 40-41 lent by Victor Barthélemy, Paris  
-42 Portrait of a Man, c. 1842  
+43 Man Seated beside a Table, c. 1843  
-44 Portrait of a Woman, c. 1843  
-45 Portrait of a Woman, c. 1845  
46 Family Group, c. 1845  
+47 Italian Church, c. 1845  
48 Church, c. 1845  
+49 Château, c. 1845  
50 Fountain of the Innocents, Paris, c. 1845. *Hand-tinted*  
51 Child, c. 1848 (hand-tinted)  
52 Billsticker, c. 1848  
53 1848 Revolutionist (hand-tinted). Lent by Georges Sirot, Paris  
54 Mining Village in Western United States, c. 1849

- 55 Portrait of a Man, c. 1850  
56 Old Lady, c. 1850 (hand-tinted)  
\*57 Portrait of a Woman against Painted Background, c. 1850 *S-1756*  
+58 Mother and Child, c. 1850 (hand-tinted)  
59 Child, c. 1850 (hand-tinted)  
60 Sisters, c. 1850 *Woman? 37.151?*  
\*61 Surveyor, c. 1850 *S-1763*  
+62 The Vatican, Rome, c. 1850  
+63 The Trevi Fountain, Rome, c. 1850  
64 Dog in Chair, c. 1850  
65 Celine Déhay, 1851  
\*66 The Photographer Fixion, c. 1855 *S-1762*  
\*67 Man and Woman, c. 1855 *S-1758*  
68 Children Looking at a Book, c. 1855  
68a Woman Looking Down from a Balcony, c. 1855. Paired with no. 68  
+69 Officer of the Second Empire, c. 1860  
-70 Portrait of a Man, c. 1860  
-71 Portrait of a Man, c. 1860  
72 Portrait of a Woman, c. 1860 (hand-tinted) *S-1766*  
Nos. 40-52, 54-72 lent by A. Gilles, Paris

UNKNOWN PHOTOGRAPHER,  
Spanish

- 73 Card players, c. 1845. Lent by Victor Barthélemy, Paris

*73a Portrait of Man & Child, c. 1842. Lent by Victor Barthélemy, Paris*

APPARATUS AND RELATED MATERIAL

- Photostudio in book* 74 Meade Brothers' Daguerreotype Gallery, Broadway, New York. Wood engraving by N. Orr, N.Y.  
*advertisement* 75 Brady's Gallery of Daguerreotype Portrait and Family Groups, Nos. 205 and 207 Broadway [New York]. ~~Wood engraving~~ from Doggett's New York City Directory, 1848-49  
76 Lawrence's Gallery, 381 Broadway, corner of White Street, New York. Wood engraving by N. Orr, N.Y.  
Nos. 74-76 lent by the Museum of the City of New York

- \*77 Portable daguerreotype outfit, c. 1843 *S-1768*  
a. Camera with telescoping body and ground glass back. Fitted with double Chevalier lens, dated 1843  
b, c. Two plate holders for plates  $3\frac{1}{4} \times 4\frac{3}{8}$  inches  
d. Box for carrying plates  
e. Iodizing box  
f, g. Holders for exposed plates  
h. Developing box, with alcohol lamp  
78 Daguerreotype case with composition cover, probably American, c. 1850  
Nos. 77-78 lent by A. Gilles, Paris

*Notre-Dame, "Eglise Metropolitaine"  
Engraving after daguerreotype, c. 1845  
Lent anonymously*

*B. Newhall  
not recorded*



## CALOTYPES

BALDUS, E. Paris (?)

- 79 Cathedral of Amiens, c. 1850. Lent by Victor Barthélemy, Paris

DU CAMP, Maxime. Paris (?)

- 80 Colossus of Abu-Simbel, 1849-1851. Print by Blanquart-Evrard (1802-1872), Lille, 1852. From Maxime Du Camp, *Egypte, Nubie, Palestine et Syrie; Dessins Photographiques Recueillis Pendant les Années 1849, 1850 et 1851*, Paris, Gide et J. Baudry, 1852. Lent by The Royal Photographic Society of Great Britain, London

HILL and ADAMSON

David Octavius Hill: born Perth, Scotland, 1802. To Edinburgh, 1822, to study painting. A founder of Scottish Academy of Painting, Sculpture and Architecture. Took up photography, 1843; worked with Adamson in Edinburgh, 1843-1848, when most of his photographic work was done. Died, 1870. Robert Adamson: born Burnside, Scotland, 1821. Died St. Andrews, 1848.

- \*81 D. O. Hill, 1843 (original print)  
 82 Mrs. Bertram (original print)  
 Nos. 81-82 lent by The Royal Photographic Society of Great Britain, London  
 + 83 Mrs. Bertram  
 + 84 Lady with Paisley Shawl  
 85 John Ruskin (?)  
 86 In the Greyfriars Churchyard, Edinburgh  
 87 Portrait of a Woman  
 88 Portrait of a Woman  
 89 Portrait of a Man  
 90 Master Hope Finlay

Nos. 83-90 are posthumous prints made by A. L. Coburn for the International Exhibition of Pictorial Photography, Albright Art Gallery, Buffalo, 1910. Lent

93a Edinburgh - Cemetery below Calton Hill  
 93b Edinburgh - John Knox House in the Cannon Gate  
 both sent by Hetchcock

by the Albright Art Gallery, Buffalo, New York

- 91 James Fillans with His Daughters S-1948  
 92 Two Sisters S-1855

Nos. 91-92 are photogravures made from original negatives by J. Craig Annan, published in *Camera Work*, No. 28, 1909. Lent by the Albright Art Gallery, Buffalo, New York

- \*93 Colonel James Glencairn Burns, son of Robert Burns. Posthumous print by Francis C. Inglis, Edinburgh, 1936. Lent anonymously. S-1802

LANGENHEIM, W. & F. For biography see nos. 27-31

- 94-95 Calotype photographs of daguerreotypes, 1849  
 96 Philadelphia Exchange, August 16, 1849  
 97 *Circular. To all Professional Daguerreotypers and Amateurs of the Photographic Art throughout the United States*, 1849 (describing calotypy)

Nos. 94-97 were sent in 1849 by Langenheim brothers to Fox Talbot, whose American patent rights they had secured. Lent by Miss M. T. Talbot, Lacock Abbey, Wiltshire, England

- + 98 Portrait (negative with original mask)  
 + 98a Modern print of no. 98  
 99 "Eight Foot Drive Locomotive," 1850 (print, c. 1890)

Nos. 98-99 lent by The Franklin Institute, Philadelphia

LE SECQ, H. Paris (?)

- 100 The Notre-Dame Pumping Station, Paris, 1852 (original print). Signed and dated  
 101 Wooden Stair Tower, Town of Chartres, 1852 (negative). Signed and dated ?

101a Modern print of no. 101, 1937, courtesy Edward J. Steichen

102 Sundial, Cathedral of Chartres, c. 1852 (negative)

102a Modern print of no. 102, 1937, courtesy Edward J. Steichen

103 West Portal, Chartres, 1852 (negative). Signed and dated

\*103a Modern print of no. 103, 1937, courtesy Edward J. Steichen

104 South Portal, Chartres, 1852 (photogravure, c. 1860). Signed and dated

105 North Porch, Chartres, 1852 (photogravure, c. 1860). Signed and dated

106 West Portal, Chartres, 1852 (photogravure, c. 1860). Signed and dated

107 Detail of West Portal, Chartres, 1852 (photogravure, c. 1860). Signed and dated

+108 Façade, Left Portal, Rheims, c. 1852 (photogravure, c. 1860). Signed

+109 Tympanum of North Porch, Rheims, c. 1852 (photogravure, c. 1860). Signed  
Nos. 100-109 lent by Victor Barthélemy, Paris

MEHEDIN, L., and MARTENS

110 Artillery Park, the Crimean War. Lent by Victor Barthélemy, Paris

NEGRE, Charles. Born Grasse (Alpes-Maritimes), France, 1820. Worked in Paris and Grasse. Perfected photogravure, 1853. Died Grasse, 1880.

+111 Detail of Sculpture, Cathedral of Chartres, c. 1856 (original photogravure)

112 North Porch, Chartres, c. 1859

113 South Porch, Chartres, c. 1859

Nos. 111-113 lent by Charles Nègre, Grasse, France

PREVOST, Victor. 1820-1881. Paris and New York

+114 Broadway, New York, 1855 (negative). Lent by Chandler Chemical Museum, Columbia University, New York

TALBOT, William Henry Fox. Born Lacock Abbey, Wiltshire, England, 1800. Began photographic experiments, 1834. Published "photogenic drawings," 1839. Perfected improved calotype process, 1840. Experimented with high-speed photography, 1851. Patented photoglyphic engraving, 1852. Died Lacock Abbey, 1877.

\*115 Latticed Window, Lacock Abbey, 1835 (photograph of the original negative now in collection of The Science Museum, London)

116 Landscape, c. 1843

117 Cambridge University, c. 1843

118 Building, c. 1843

119 Gateway, c. 1843

\*120 Cloisters of Lacock Abbey, c. 1843

121 Colosseum, Rome, c. 1843

122 Ruined Temple, c. 1843

123 Reproduction of a printed page, c. 1843

\*124 Shadowgraph of lace, c. 1843

125 Picnic, c. 1843

Nos. 115-125 lent by Miss M. T. Talbot, Lacock Abbey, Wiltshire, England

126 *The Pencil of Nature*, first installment. Book illustrated with calotypes. London, Longman, Brown, Green and Longmans, 1844. Lent by the Smithsonian Institution, United States National Museum, Washington, D. C.

VILLENEUVE, J. V. de. Paris

127 Portrait of Régnier, Comédie Française, c. 1850

128 Samson, Rachel's teacher

129 Portrait of Provost, Comédie Française  
Nos. 127-129 lent by Georges Sirot, Paris

130 Rachel, Comédie Française. Lent by Victor Barthélemy, Paris

UNKNOWN PHOTOGRAPHER, American

\*131 Frederick's Photographic Temple of Art, New York, c. 1850. Lent by A. Gilles, Paris



# UNKNOWN PHOTOGRAPHERS, French

✓  
132 Church of St.-Gervais, Paris, c. 1850

-1784  
\*133 Porte Rouge, Notre-Dame, Paris. Print by Blanquart-Evrard (1802-1872), Lille. From Mélanges Photographiques, pl. 46

134 New Sacristy, Notre-Dame, Paris, c. 1850. Print by Blanquart-Evrard (1802-1872), Lille. From Mélanges Photographiques, pl. 47

135 Ruins of the Château de Falaise, Normandy, c. 1850. Print by Blanquart-Evrard (1802-1872), Lille

136 View taken at Evreux, c. 1850. Print by Blanquart-Evrard (1802-1872), Lille. From Souvenirs Photographiques, pl. 15. Nos. 132-136 lent by Victor Barthélemy, Paris

137 Portrait of a Man with a Beard. Lent by Georges Sirot, Paris

## APPARATUS

138 Calotype camera used by W. H. Fox Talbot. Box form with paper holder opening like a book. 7" high, 5 1/4" wide, 6 1/4" deep. Lent by The Royal Photographic Society of Great Britain

## BAYARD'S PAPER POSITIVES

BAYARD, Hippolyte. Born Breteuil-sur-Noye (Oise), France, 1801. Clerk in Ministry of Finance. Knew Grevedon, Gavarni, Charlet in Paris. Exhibited 30 paper positives, June 24, 1839. Improved process deposited at Academy, Nov. 11, 1839. Died Nemours, 1887.

✓  
S-1836 -- 139. Statue, 1839 (photograph of original)

\*140 Statues, 1839 (photograph of original)

141 Architectural View, 1839 (photograph of original)

not recorded  
142 Architectural View, 1839 (photograph of original)

143 Portrait, 1839 (photograph of original)

Nos. 139-143 are photographs of original direct paper positives, exhibited at municipal auction rooms, Paris, June 24, 1839, now in collection of Société Française de Photographie, Paris

144 Portrait of Bayard, 1840 (photograph of original in collection of Société Française de Photographie, Paris)

145 Mills of Montmartre, c. 1845 (later print). Lent by Victor Barthélemy, Paris

## THE COLLODION (WET PLATE) PROCESS

BALDUS, E. Paris (?)

146 The Chamber of Deputies, Paris, c. 1860

147 Pavillion Sully, The Louvre, Paris, c. 1860

Nos. 146-147 lent by Victor Barthélemy, Paris

BISSON FRERES

148 Bisson the Younger, c. 1860. Lent by Victor Barthélemy, Paris

BRADY, Matthew B. Born Warren County, New York, 1823. To New York, 1839, with Page, a pupil of S. F. B. Morse. Began photography, 1844. Opened branch studio in Washington, D. C., 1847. Alexander Gardner, the Englishman who taught Brady the collodion process, put in charge of Washington studio, 1858. First Civil War photographs, 1862. U. S. War Department



purchased 6,000 negatives for \$27,840, 1875. Died New York, 1896.

- 149 Album of *carte-de-visite* photographs of various dates, some reproductions of daguerreotypes

- 150 Benjamin Franklin Wade, probably 1852

- 151 General Leslie Coombs, probably 1852

- 152 Senator Bigler, probably 1852

- ✓ 1773 \*153 Richard Montgomery Young, Associate Justice of the Supreme Court, probably 1852

- 154 John Jordan Crittenden, probably 1852

- 155 Colonel E. E. Ellsworth, c. 1860 (negative)

- ~~155a Modern print of no. 155, 1937~~

- 156 Carl Schurz, c. 1860 (negative)

- ~~156a Modern print of no. 156, 1937~~

- 157 Henry T. Tuckerman, c. 1860 (negative)

- ~~157a Modern print of no. 157, 1937~~

- 158 Self Portrait, c. 1860 (modern print)

- 159 S. P. Chase, c. 1860 (negative)

- ~~159a Modern print of no. 159, 1937~~

- 160 Brady Surveying the Battlefield, 1862-1865 (modern print)

- ✓ S-1799 \*161 Brady's Photographic Buggy, 1862-1865 (later print)

- 162 Removing Wounded from the Battlefield, 1862-1865

- 163 General McClellan with His Wife, c. 1865 (negative)

- ~~163a Modern print of no. 163, 1937~~

Nos. 149-163 lent by Frederick H. Meserve, New York

- 164 Battery D at Fredericksburg, Virginia

- 165 Ruins

- 166 Battery at Fair Oaks, Virginia

- 167 Railroad Bridge

- ✓ S-1949-168 Ruins of Richmond, Virginia

- 169 Richmond, Virginia, after Bombardment

Nos. 164-169 lent by the L. C. Handy Studios, Washington, D. C. Courtesy of Walker Evans

BRAUN, Adolphe. 1810-1870. Dornach, Switzerland

- \*170 Flowers, c. 1860. Lent by Victor Barthélemy, Paris

BREBISSON, A. de. 1798-1872. Paris

- 171 Charlatan, 1853. Lent by Georges Sirot, Paris

CAMERON, Julia Margaret. 1814-1879. London

- 172 Annie, My First Success, 1864

- 173 Sir John F. W. Herschel, 1867 - S-1829 ✓

- 174 Thomas Carlyle, 1867 S-? ✓

- \*175 Alfred, Lord Tennyson, c. 1868 S-1782 ✓

Nos. 172-175 lent by The Royal Photographic Society of Great Britain, London

CARJAT, Etienne. 1828-1906. Paris

- \*176 Honoré Daumier, 1861. Signed and dated. Dedicated by Daumier: *To my old friend Lavoignat*. Lent by the Fogg Art Museum, Cambridge, Paul J. Sachs Collection S-1779 ✓

- 177 Self Portrait. Lent by Victor Barthélemy, Paris

CREMIERE, L. Paris

- 178 The Falconer

- 179 The Actor Lafont

Nos. 178-179 lent by Victor Barthélemy, Paris

DELMAET & DURANDELLE. Paris

- 180 Construction of the New Opera, 1862-1875. Lent by Victor Barthélemy, Paris

~~DISDERI, André - Adolphe - Eugène. Paris. Born 1819. Court photographer to Napoleon III.~~

- \*181 Self Portrait - S-1787 ✓

- 182 The Fireman

✓ 183 Boulevard Montmartre, 1854

184 Eight poses of an actress on same plate, to be cut apart and mounted as *cartes-de-visite*

Nos. 181-184 lent by Victor Barthélemy, Paris

#### DUPONT

185 Coachman. Lent by Victor Barthélemy, Paris

FAURE, E. Sarralbe (Moselle), France.

186 Conductor. Lent by Victor Barthélemy, Paris

FENTON, Roger. London.

187 York Minister from Lendall, 1854

187a Photogravure of no. 187, 1856

188 Sedilia in Choir, Furness Abbey, c. 1854

✓ 189 Still Life, c. 1854

\*190 Façade, Lichfield Cathedral, c. 1854

191 South Transept, Lichfield Cathedral, c. 1854

192 Tewkesbury Abbey, West Window, c. 1854

Nos. 187-192 lent by The Royal Photographic Society of Great Britain, London

✓ S-1890 - 193 Balaklava, Crimean War, 1856. Lent by Victor Barthélemy, Paris

FRANCK, Paris

7/193a The Vendôme Column after its Fall. GARDNER, Alexander. English, 1821-1882. In charge of Brady's Washington studio, 1858.

✓ 194 President Lincoln on the Battlefield of Antietam, 1862

✓ S-1947 195 Scouts and Guides to the Army of the Potomac, 1862

\*196 Home of a Rebel Sharpshooter, Gettysburg, 1863

197 Ruins of Arsenal, Richmond, Virginia, 1863

104

198 View on Canal near Crenshaw's Mill, Richmond, Virginia, 1864

Nos. 194-196 lent anonymously; nos. 197-198 lent by Frederick H. Meserve, New York. From *Gardner's Photographic Sketch Book of the War*, Washington, Philip & Solomon, n. d., pls. 23, 28, 41, 91 and 92 respectively.

#### GIRARD

199 Fisherman. Lent by Victor Barthélemy, Paris

#### GUEUVIN

200 Sewer Worker. Lent by Victor Barthélemy, Paris

HUGO, Charles-Victor. 1826-1871. Isle of Jersey

\*201 Victor Hugo on His Rock of Exile, 1853. Lent by Victor Barthélemy, Paris S-1778 ✓

LEGE & BERGERON. Successors to Etienne Carjat.

202 Ventriloquist. Lent by Victor Barthélemy, Paris

MARVILLE, Charles. Paris. Photographer to the National Museums.

203 Self Portrait, c. 1860

204 Corner of Rue des Marmousets and Rue St.-Landry, Paris, 1864

205 Corner of Rue St.-Christophe and Rue de la Cité, Paris, 1865

\*206 Rue Glatigny, Paris. 1865 S-1806 ✓

207 Rue du Haut-Moulin, Paris, 1865

208 The Old Markets, Paris, 1866

Nos. 203-208 lent by Victor Barthélemy, Paris

MAYALL, J. E. London

209 Prince Arthur. Lent by Victor Barthélemy, Paris

not recorded  
lent by  
André Kertész

S-1947

Wine



MAYER & PIERSON. (Louis Pierson, 1818-1913)

- 210 Napoleon III. Lent by Victor Barthélemy, Paris

MOFFAT, John. Edinburgh

- ✓ 211 William Henry Fox Talbot, c. 1860. Lent by Miss M. T. Talbot, Lacock Abbey, Wiltshire, England

NADAR (pseudonym of Gaspard-Félix Tournachon). Paris. Born 1820. Began as caricaturist, 1842. Opened photographic studio, 1852. Aerial photographs, 1858. Commander of balloon corps, siege of Paris, 1870. Died 1910.

- 212 Eugène Delacroix, 1859. Lent by Paul Nadar, Paris

- ✓ 213 Honoré Daumier, 1859. Lent by Georges Sirot, Paris

- S-1786 214 Théophile Gautier, Paris, c. 1860. Lent by Georges Sirot, Paris

- S-1726 215 The Catacombs, Paris, c. 1860. Lent by Victor Barthélemy, Paris

- 216 The Catacombs, Paris, c. 1860 (modern print by Paul Nadar). Lent by Paul Nadar, Paris

- 217 A View of the Sewers, Paris, (modern print by Paul Nadar). Lent by Paul Nadar, Paris

Nos. 215-217 are among the earliest photographs taken by flashlight (magnesium flare)

NEGRE, Charles. *For biography see nos. III-III3*

- 218 Street Musicians. Proof of heliogravure by the photographer, c. 1856. Lent by Charles Nègre, Grasse, France

✓ O'SULLIVAN, T. H. American

- S-1842 219 Field where General Reynolds Fell, Gettysburg, 1863. Print by Alexander Gardner. From *Gardner's Photographic Sketch Book of the War*, Washington, Philip & Solomon, n. d., pl. 37. Lent anonymously

- 220 "Ancient ruins in the Cañon de Chelle, New Mexico, in a niche fifty feet above the present cañon bed," 1873. From *Photographs . . . Geographical Explorations and Surveys West of the 100th Meridian*, War Department, Corps of Engineers, U. S. Army, 1871-1873. Lent by Ansel Adams, San Francisco

- 221 Eugène Delacroix, c. 1857

- 222 Portrait of a Woman, c. 1860

- 223 Railroad Worker, c. 1860

Nos. 221-223 lent by Victor Barthélemy, Paris

REJLANDER, O. G. Wolverhampton, England

- \*224 The Two Ways of Life, 1857 (contemporary reduced copy)

- 225 Portrait of Himself as Garibaldi, c. 1860  
Nos. 224-225 lent by The Royal Photographic Society of Great Britain, London

RICHEBOURG. Paris

- 226 Stairway of the Foundlings Home, Paris, c. 1870. Lent by Victor Barthélemy, Paris

ROBINSON, Henry Peach. 1830-1901.  
L Reamington, England

- \*227 Fading Away, 1858. Lent by The Royal Photographic Society of Great Britain, London

- 228 Fisherman, c. 1865

- 229 Portrait Study, 1866

Nos. 228-229 lent by the Smithsonian Institution, United States National Museum, Washington, D. C.

SALOMON, Adam. Paris

- 230 Portrait of Emilio Poncani, c. 1865

- \*231 Portrait, c. 1865

Nos. 230-231 lent by Victor Barthélemy, Paris



- 232 Portrait. Lent by the Julien Levy Gallery, New York

SELLIER. Paris

- 233 Self Portrait (?), c. 1865. Lent by Victor Barthélemy, Paris

SOULIER, Charles. Paris

- 234 Panorama of Paris from the Tuileries, c. 1860. Lent by Victor Barthélemy, Paris

TOURLAQUE & CALOIR. Paris (?)

- 235 Sapper of the National Guard of Montmartre, c. 1860. Lent by Victor Barthélemy, Paris

WOOD & GIBSON. American. Probably worked for Matthew Brady.

- \*236 Inspection of Troops at Cumberland, Pamunkey, Virginia, 1862. Print by Alexander Gardner. From *Gardner's Photographic Sketch Book of the War*,

Washington, Philip & Solomon, n. d., pl. 16. Lent anonymously

UNKNOWN PHOTOGRAPHER

- 237 Russian Battery at Malakoff, Crimean War, 1854-1856. Lent by Victor Barthélemy, Paris

3-1841 ✓

UNKNOWN PHOTOGRAPHERS, French

- 238 Railroad at Seaux, c. 1855  
239 Canteen Girl, c. 1860  
240 Portrait of Charles Nègre, c. 1860  
241-242 Water Wagons, Paris, c. 1865  
243 Studio of Gueuvin, c. 1870  
244 Filling the Water Wagon, c. 1870  
245 A Group of Tinkers

Nos. 238-245 lent by Victor Barthélemy, Paris

- 246 Panorama of Paris, c. 1875. Lent by A. Gilles, Paris

*showing at right corners of Hotel de Ville destroyed in 1871 & rebuilt soon after. Lent by A. Gilles, Paris*

## MODIFICATIONS OF THE COLLODION PROCESS: POSITIVES ON CLOTH

BUDOR. Paris

- 247 Portrait, c. 1852. Lent by Victor Barthélemy, Paris

UNKNOWN PHOTOGRAPHERS

- 248 Portrait of a Man, c. 1852. French. Lent by A. Gilles, Paris  
249 Wheelwright, c. 1855. French. Lent by Victor Barthélemy, Paris

## MODIFICATIONS OF THE COLLODION PROCESS: AMBROTYPES (POSITIVES ON GLASS)

BRADY, Matthew B. See nos. 149-169

- 250 Portrait, c. 1855. Lent by Frederick H. Meserve, New York

UNKNOWN PHOTOGRAPHERS

- 251 Abraham Lincoln, c. 1860. American. Lent anonymously

- 252 Niagara Falls, 1857. American

- \*253 Portrait of a Woman, c. 1860. Probably American

5-1788 ✓

Nos. 252-253 lent by A. Gilles, Paris

## APPARATUS

254 Dark tent for sensitizing and developing collodion plates in the field, c. 1860. Lent by The Franklin Institute, Philadelphia

✓ 1851 \*255 Photograph of a dark tent for sensitizing plates, c. 1865. Original in collection of The Royal Photographic Society of Great Britain, London; photograph courtesy The Science Museum, London

256 Camera, c. 1855. Box type fitted with Ross lens; plate holder for plates 9 x

6 7/8"; kit to hold plates 6 x 4 1/4"; one plate holder fitted with a ground glass back for focusing. 9 5/8" high, 11 3/4" wide, 11 1/2" deep. Lent by A. Gilles, Paris

256a Tripod, c. 1860  
+257 Miniature camera with drop shutter and three holders for plates 1 x 1", c. 1860

+258 Sensitizing bath for making collodion plates, c. 1860.

258a -  
Nos. 257 and 258 lent by The Franklin Institute, Philadelphia

## DRY PLATE PHOTOGRAPHY: 1871-1914

ANNAN, J. Craig. Glasgow c. 1864

259 Janet Burnet, 1893. Photogravure from *Camera Work*, No. 19, 1907, pl. IV

260 Lombardy Ploughing Team. Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York

ANSCHÜTZ, Ottomar. Born Lissa (Posen), Germany, 1846. First experiments with instantaneous photography, 1882. Died Berlin, 1907.

not recorded  
261 Leaping horse, 1887. Series of 26 exposures mounted in a strip for viewing in a tachyscope (early form of animated-picture machine in which timed photographs are mounted inside a rotating wheel). Photographs of originals in Will Day Collection, The Science Museum, London

ATGET, Eugène. Born Bordeaux, France, c. 1856. Went to Paris with theatrical troupe. Took up photography, probably in 1890s. Died Paris, 1927.

262 Stairway, Grand Trianon, Versailles

+263 Quay, Bassin de la Villette, Seine

264 Tree

265 Shop Window, Avenue des Gobelins, Paris

266 Montmartre Restaurant

+267 The Markets, Paris

+268 36 rue du Petit Domat

269 Mexican Agave

270 Avenue des Gobelins

271 Versailles

\*272 Marché du Temple

273 Clematis

274 Cabriolet

275 Street Scene

276 Versailles

\*277 Ragpicker

278 Baker

279 The Tuileries

280 Interior

281-283 Scrapbooks from Atget's files

284 Album made by Atget

Nos. 262-284 lent by Miss Berenice Abbott, New York

COBURN, Alvin Langdon. Boston. Member of the Photo-Secession. Now lives in Wales.

+285 The Rudder. Photo-engraving from *Camera Work*, No. 21, 1908, pl. X



- † 286 Cadiz. Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York

DEMACHY, Robert. Paris

- Belongs to Library  
287 Behind the Scenes. Photogravure of a gum print, from *Camera Work*, No. 16, 1906, pl. VIII

DE MEYER, Baron A. London

- 288 The Dresden China Fan. Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York

ECKERT, C. M.

- † 289 Eucharist Chapel, Heidelberg Castle, c. 1900. Lent by Victor Barthélemy, Paris

EMERSON, P. H. Born Cuba, 1856. Worked in Southwold, England. Died 1936.

- 290 In the Haysel (Norfolk). Photogravure from P. H. Emerson's *Pictures of East Anglian Life*, London, Sampson Low, Marston, Searle & Rivington, 1888, frontispiece

- S-1769  
\*291 Getting Ready for Fishing. Photogravure from P. H. Emerson's *Wild Life on a Tidal Water*, London, Sampson Low, Marston, Searle and Rivington, 1890, pl. 21

Nos. 290-291 lent by The Royal Photographic Society of Great Britain, London

EUGENE, Frank (Frank Eugene Smith). New York and Munich. Member of the Photo-Seccession.

- Belongs to Library  
292 Dr. Emanuel Lasker and Brother, 1908. Photogravure from *Camera Work*, No. 31, 1910, pl. VII

- 293 Arthur and Guinevere. Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York

HENNEBERG, Hugo. Vienna

- 294 Villa Falconieri. Photogravure of a gum print, from *Camera Work*, No. 13, 1906, pl. I

KÄSEBIER, Gertrude, 1852-1934. New York. Member of the Photo-Seccession.

- \*295 The Manger, c. 1898. Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York S-1785 ✓

KEILEY, Joseph T. 1869-1914. New York. Member of the Photo-Seccession.

- 296 Garden of Dreams, 1900. Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York

- 297 Portrait: Miss De C. Photogravure from *Camera Work*, No. 17, 1907, pl. III

KUEHN, Heinrich. Vienna

- 298 Still Life (gum print). Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York

MARTIN, Paul. Born 1864. Lives in London.

- 299 Porter Carrying a Basket of Shrimps, Billingsgate, 1893-1896 (enlargement, 1936)

- \*300 The Magazine Seller, Ludgate Circus, London, 1893-1896 (enlargement, 1936) S-?

- 301 Fishmonger's Wife, the New Cut Market, London, 1893-1896 (enlargement, 1936)

- 302 Cab Accident, High Holborn, London, 1893-1896 (enlargement, 1936)



- 303 Ice-cream Barrow, London, 1893-1896 (enlargement, 1936)
- 304 Market Porters Carrying Boxes of Oranges, London, 1894 (enlargement, 1936)
- 305 Cleopatra's Needle and the Thames Embankment by Gas-light, 1895 (enlargement, 1936)
- 306 Trafalgar Square, London, on a Wet Night, 1895 (enlargement, 1936)
- 307 The Alhambra, London, by Night, 1895 (enlargement, 1936)
- 308 The Flower Woman at Ludgate Hill Station, London, 1895 (enlargement, 1936)
- 309 The Great Frost of 1895-1896, London (enlargement, 1936)
- 310 State Opening of Parliament by King Edward VII, 1902 (enlargement, 1936)
- Nos. 299-310 lent by the photographer

MUYBRIDGE, Eadweard. Born Kingston-on-Thames, England, 1830. To California, 1872, where he made first experiments with photography of motion. Published *The Horse in Motion*, 1878. Further experiments for University of Pennsylvania, Philadelphia. To Europe, 1881, where he exhibited series of photographs with early motion picture projector, the Zoopraxiscope. Published *Animal Locomotion*, London, 1887. Died 1904.

- 311 Mahomet cantering, June 18, 1878. Lent by the Chandler Chemical Museum, Columbia University, New York

S-1775 ± 312 Jumping horse (photogravure). Lent by The Museum of Modern Art Film Library, New York

S-1777 ✓ 313 Woman jumping over chair (photogravure)

S-1825 PC 314 Deer running (photogravure)

PC + 315 Horse trotting (photogravure)

PC 316 Hands palming a coin; hands picking up a pencil (photogravure)

- 317 Horse cantering (photogravure)

Nos. 312-317 are series of instantaneous exposures, from Eadweard Muybridge, *Animal Locomotion*, London, 1887, pls. 643, 156, 695, 609, 536, 534 respectively.

Nos. 312-316 gift of The Philadelphia Commercial Museum

- 318 Woman dancing, c. 1887. Duplicate negative printed from a series of small glass negatives. Gift of The Philadelphia Commercial Museum

NADAR, Paul. Son of Nadar (Gaspard-Félix Tournachon). Born 1856. Took over direction of Nadar studio from his father, 1886. Founded review *Paris-Photographe*. Lives in Paris.

- 319 Victor Hugo on his Deathbed, 1885 S-1783

\*320 "The Art of Living a Hundred Years: three interviews with Monsieur Chevreul, photographed on the eve of his 101st year." Layout of 13 photographs in *Le Journal Illustré*, Sept. 5, 1886 S-1774 ✓

- 321 Photographic interview with General Georges Boulanger. Layout of 24 photographs in *Le Figaro*, Nov. 23, 1889, literary supplement

+322 Scenes from the play, *Madame Sans-Gêne*. Photogravure by Dujardin, from *Paris-Photographe*, May 30, 1894

- 323 George Eastman

- 324 Sarah Bernhardt (modern print)

Nos. 319-324 lent by the photographer

PUYO, C.

- 325 The Straw Hat. Photogravure of a gum print, from *Camera Work*, No. 16, 1906, pl. II

Belongs to Library Newhall 1850

SEELEY, George

- 326 The Painter. Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York

STEICHEN, Edward J. New York.  
Member of the Photo-Secession.

327 J. Pierpont Morgan, Esq., 1903

328 *La Cigale*

329 William M. Chase

\*330 Rodin—The Thinker

Nos. 327-330 are photogravures from *Camera Work*, Steichen supplement, 1906, pls. II, VI, V, X

331 Moonlight, Orangerie, Paris (gum print). Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York

STIEGLITZ, Alfred. Born Hoboken, New Jersey, 1864. Lives in New York. Editor, *American Amateur Photographer*, 1891-1896. Founder and editor, *Camera Notes*, 1897-1902. Founded the Photo-Secession, 1902; founder and editor, *Camera Work*, 1902-1917. Director, gallery "291," 1905 to 1917, and, since 1930, *An American Place*, New York.

\*332 The Terminal, 1892 (photogravure)

333 Spring Showers, New York, 1900 (photogravure)

334 The Hand of Man, 1902 (photogravure)

Nos. 332-334 from *Camera Work*, Nos. 35-36, 1911, pls. XV, XVI, XIII

335 The Street—Fifth Avenue, 1903. Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by the Albright Art Gallery, Buffalo, New York

\*336 The Steerage, 1907. Photogravure from 291, Nos. 7-8, 1915

337 The Ferry Boat, 1910 (photogravure)

338 The Aeroplane, 1910 (photogravure)

339 Excavating, New York, 1911 (photogravure)

Nos. 337-339 from *Camera Work*, Nos. 35-36, 1911, pls. III, VIII, X

WATZEK, Hans. Vienna

340 A Village Corner. Photogravure of a gum print, from *Camera Work*, No. 13, 1906, pl. X

WHITE, Clarence H. New York. Member of the Photo-Secession.

\*341 Lady in Black with Statuette. Photogravure from *Camera Work*, No. 23, 1908, pl. IV

342 The Chiffonier. Exhibited, International Exhibition of Pictorial Photography, Buffalo, 1910. Lent by Albright Art Gallery, Buffalo, New York

UNKNOWN PHOTOGRAPHERS,  
French

343 ~~Panorama of Paris, showing at right ruins of Hotel de Ville, destroyed in 1871 and rebuilt soon after. Lent by A. Gilles, Paris~~

344 Ferdinand de Lesseps and his Grandchildren, before 1894 S -

345 *Clochards*, c. 1900

Nos. 344-345 lent by Victor Barthélemy, Paris

## APPARATUS

346 The first model Kodak camera, 1888. 100 circular pictures 2" in diameter were taken on roll of sensitized paper.

347 The first folding Kodak, 1890

Nos. 346-347 lent by Eastman Kodak Research Laboratories, Rochester



## CONTEMPORARY PHOTOGRAPHY

*The photographs in the following section have been lent by the photographers except in those cases where the name of another lender is given. The majority of the undated photographs were taken in 1936.*

ABBOTT, Berenice. Born Springfield, Ohio, 1898. Lives in New York

\*348 Rockefeller Center

349 Harness Shop

350 Black and White House

351 Christopher Street

352 News Stand

353 Portrait of Atget

353a West Street

ADAM, Pierre. Born 1894. Lives in Paris

354 Athlete of Martinique

355 Cup of Fruit

ADAMS, Ansel. Born San Francisco, 1902. Lives in San Francisco.

356 The Golden Gate, San Francisco, 1933

\*357 Pine Cone and Eucalyptus Leaves, 1933

358 Boards and Thistles, 1931 1932

Nos. 356-358 lent by Mrs. Charles J. Liebman, New York

359 Family Portrait, 1935

360 Mexican Women, 1936

361 Miners: the Evening Shift, 1936

Nos. 359-361 lent by An American Place, New York

ALBIN-GUILLOT, Laure. Director of Archives Photographiques, Paris.

362 The Hands of Mariette Lydis, 1931

363 Violinist

BEATON, Cecil. Born London, 1906. Works in London and New York.

364 Princess Paley, 1935

365 Mrs. Harrison Williams, 1936

\*366 Pavel Tchelitchev, 1936

367 M. and Mme. Salvador Dali, 1936

BECK, Maurice. London

+368 Fulham Engineering Depot, Shell Mex and B. P. Ltd. Courtesy Shell Mex and B. P. Ltd.

369 Crankshafts at London Transport. Courtesy London Passenger Transport

BELLON, Denise. Paris

370 Berber Harvester, 1936

BETZ, Pierre. Colmar (Haut-Rhin), France

371 Window

372 Bollard

BING, Ilse. Born Frankfort-on-Main, Germany. Lives in Paris.

373 Nun Sewing

\*374 Nun Sterilizing Surgical Instruments, Hospital at Angers, 1935 S-1805

375 Circus, 1936

376 Hendrik W. van Loon, 1936

BISHOP, Edward. Born London, 1902. Lives in London.

+377 Peasant Woman

BLUMENFELD, Erwin. Born Berlin, 1897. Lives in Paris.

378 Portrait of Mme. Bernard, 1936 (negative print)

379 Portrait of Mme. Bernard, 1936 (pseudo-relief)

380 Sainte-Chapelle, Paris, 1936 (pseudo-relief)



BOUCHARD, Thomas. New York

- 381 Martha Graham in *Frontier*  
 382 Hanya Holm in *Cry Rises in the Land*  
 \*383 Charles Weidman in *New Dance*  
 384 Doris Humphrey in *New Dance*  
 385 Esther Junger in *Berceuse*  
 386 Tamiris in *Momentum*

BOUCHER, Pierre. Paris

- 387 Snow Scene, 1936  
 +388 Cedar Tree, 1936  
 389 Interior at Fez, 1936

BOURKE - WHITE, Margaret. Born New York, 1904. Studied with Clarence White. Lives in New York.

- B-W print - ✓  
 390 Chrysler Factory  
 391 Iron Puddler, U.S.S.R.  
 B-W print - ✓  
 392 Construction on Wind Tunnel, Fort Peck, Montana  
 393 "Woman Who Wept for Joy," Textile Factory, U.S.S.R.  
 B-W Print - ✓  
 394 "The Flood Leaves Its Victims on the Bread Line," 1937

BRASSAI (pseudonym). Born Brasso, Rumania, 1899. Lives in Paris.

- 395 Automobile Accident, 1931  
 396 Orchestra, 1932  
 S-1848 - ✓  
 397 Bal Musette, 1933  
 398 Canal St.-Martin, 1934  
 399 Meat Porter, 1935  
 S-1795 - ✓  
 \*400 Bosson Glacier, 1936

BRIGGS, W. G. London

- 401 Morning Dew  
 402 Water Butt  
 403 Nature's Pattern  
 404 Thirsty Weather

BRUEHL, Anton. New York

- \*405 Mexican Child, 1932  
 406 Ventilators, 1936

407 Portrait, 1936

- +408 Lighthouse, 1936  
 409 Tom-tom, 1936  
 410 Shipyard, 1936

BRUEHL, Martin. New York

411 Nude

BRUGUIERE, Francis. American. Lives in London.

412-414 Abstractions. Lent by Julien Levy Gallery, New York

CAILLAUD, Louis. Born Bordeaux, 1894. Lives in Paris.

415 Spire of Cathedral of Notre-Dame, Paris

CARTIER-BRESSON, Henri. Paris

- 416 Demolished Interior  
 417 Café Tables  
 418 Stairs

Nos. 416-418 lent by Julien Levy Gallery, New York

CUNNINGHAM, Imogene. Born Portland, Oregon. Lives in Oakland, California.

- +419 Two Callas, before 1929  
 420 Amaryllis, 1932 *Henrietta's, before 1930*  
 421 Portrait of Helene Mayer, 1935

DAHL-WOLFE, Louise. Born San Francisco, 1900. Lives in New York.

- 422 Smoky Mountaineer, 1933. Courtesy Condé Nast Publications, New York  
 \*423 Bijou Theatre, 1933  
 424 Comedian, 1934  
 425 Ophelia, 1934

DUMAS, Nora. Born Budapest, 1895. Lives in Paris.

- 426 Man Eating, 1936  
 427 Luncheon, 1936  
 428 Landscape with Cows  
 \*429 Butcher and Peasant, 1936 S-1804 ✓

✓  
1838 DUMASSATIGNY, A. Born Geneva, 1890. Lives in Paris.

- 430 Steps of Montmartre  
431 Flowers  
432 Fishes

DURAND, André. Paris

- 433 Quai Bourbon

DUVAL, Rémy. Born Rouen, 1907. Lives in Paris.

- 434 St. Michael's Church, Bréhat, 1933  
435 Bréhat, 1933

ERFURTH, Hugo. Born Halle, Germany, 1874. Lives in Cologne.

- ✓  
S-1839 \*436 Portrait of Käthe Kollwitz, 1924  
437 Portrait of Otto Dix, 1934

EVANS, Walker. Born St. Louis, Missouri, 1903. Lives in New York.

- 438 Moving Truck and Bureau Mirror, 1929  
439 Roadside Billboard, Cape Cod, 1931  
\*440 Photographer's Window, Savannah, 1936  
440 *COURTESY RESETTLEMENT ADMINISTRATION, WASHINGTON, D.C.*  
441 French Opera Barber Shop, New Orleans, 1935  
441 *EASTON*  
442 Bethlehem, Pennsylvania, 1936 *Hitchings*  
443 False Front, 1936 *Resettlement*  
443 *MINSTREL SHOWBILL, 1936 Resettlement*  
Alabama  
Nos. 441-443 lent anonymously

FEHER, E. Paris

- ✓  
S-1807 444 Child on Beach, 1936  
\*445 Spring Symphony, 1936

FEININGER, Lux. Son of Lionel Feininger. Studied at the Bauhaus, Dessau.

- 446 From the Roof of the Bauhaus, c. 1929  
447 Ladder, c. 1929  
448 Carts, c. 1929  
449 Bauhaus, c. 1929

Nos. 446-449 collection The Museum of Modern Art, gift of Philip Johnson

FULD, Gertrude. Born Mayence, Germany, 1895. Lives in Paris.

- 450 The Actor Bassermann, 1933 ✓  
451 Scene from the Play *October 18*  
\*452 Low Tide, 1936 S-1846

GRIGGS, Noel. London

- 453 Factory Chimney, 1934  
454 Water Tower, 1935

HAVINDEN, John. Born Kent, England, 1908. Lives in London.

- 455 Piles of Sand

HEGE, Walter. Weimar, Germany

- 456 Acropolis  
457 Parthenon ~~Frieze~~ *Frieze*  
458 Capital, Parthenon  
459 Detail of Caryatide, Erechtheum  
*Lent by Julien Levy Gallery, New York*

HENLE, Fritz. Born Dortmund, Germany, 1909. At present in America.

- 460 Japanese Kite Maker, 1936  
461 Gatekeeper, Lama Temple, Peking, 1936  
462 Great Wall, China, 1936  
463 Goddess in Rock Temple of Sravana-belagola

HENRI, Florence. Born New York, 1902. Lives in Paris.

- 464 Portrait of Hans Arp - S-1845 ✓  
465 Portrait of Robert Delaunay  
466 Beside the Sea - S-1847 ✓

JAHAN, Pierre. Born 1909. Lives in Paris.

- 467-468 The Ocean

JUNG, Theodore. Washington, D. C.

- 469 Screen Door  
470 Street Scene



KERTESZ, André. Born Budapest, 1894.  
Works in Paris and New York.

- 471-472 Studies in Mirror Distortion, 1933  
473 The Vert-Galant, Paris, under Snow,  
1935  
474 Road Mender, 1936  
475 Fashion Plate, 1937

KOLLAR, François. Paris

- \*476 Return from the Fields  
477 Cathedral of Dijon

KOWALISKI, Paul. Born Warsaw, 1908.  
Lives in Paris.

- 478 Reflection, 1933  
479 Restaurant Dupont, Paris, 1936

KRUTCH, Charles. Born Knoxville,  
1887. Chief photographer of Tennessee  
Valley Authority.

- ✓  
S-1811 - \*480 Hydraulic Generator Scroll Case, 1936  
481 Wheeler Dam Roadway, 1936  
482 Great Smoky Mountains, 1936  
483 Early Spring, 1936

LACHEROY, Henri. Paris

- 484 Testing Metal at Etablissements J. J.  
Carnaud, France  
485 Pouring Metal. Courtesy Office Tech-  
nique d'Utilisation d'Acier

LANDAU, Ergy. Born Budapest. Lives  
in Paris.

- 486 Railroad Tracks at the St.-Lazare Sta-  
tion, Paris

486a Concarneau, Brittany

LEMERE, Bedford. Born London, 1865.  
Lives in London.

- 487 St. Paul's Cathedral  
+ 488 Royal Masonic Hospital

LENDVAI-DIRCKSEN, Erna. Born  
Düsseldorf. Lives in Berlin.

- 489 Fisher  
490 Profile, Old Man  
491 Boy  
492 Woman with Knitting Needles  
Nos. 489-492 lent by Black Star Publish-  
ing Company, New York

LINCOLN, F. S. New York

- 493 Triborough Bridge  
494 Exhaust Pipes  
495 Wagon Wheel

LOHSE, Remie. Born Ponce, Puerto  
Rico, 1892. Lives in New York.

- \*496 Night Club (Hip-shaker), 1933  
497 Boxer after a Workout, 1934  
498 Two Puerto Rican Boys on Horseback,  
1934  
499 Children in New York Soup Kitchen,  
1935

LYNES, George Platt. Born East Or-  
ange, New Jersey, 1907. Lives in New  
York.

- \*500 Jean Cocteau - S-1810V  
501 Daphne Vane and Lew Christensen in  
*Orpheus and Eurydice*. Courtesy Amer-  
ican Ballet  
502 Rosalind Russell. Courtesy *Harper's*  
*Bazaar*  
503 Mrs. Allan A. Ryan, Jr. Courtesy  
*Harper's Bazaar*

MARTIN, Ira. Born Michigan, 1886.  
Lives in New York.

- + 504 Abandoned Railroad Station, 1933  
505 Ship's Figurehead, 1933  
506 Graveyard, 1933  
507 Once the Family Pride, 1933  
508 Montauk Light, 1934 Martin photo  
+ 509 Treetop, 1935

MATTER, Herbert. Born Engelberg, Switzerland, 1907. Designer and photographer. Worked in Paris and Switzerland. Lives in New York.

- 510 Gipsy Girl, 1930
- 511 Doll Eyes, 1936
- 512 Archer, 1936
- 513 Portrait of Alexander Calder, 1937

MOHOLY-NAGY, Laszlo. Born Borsod, Hungary, 1895. Lives in London.

- 514-517 Photograms, 1923
- 518 Photogram, 1925
- + 519 Sewer Pipes, 1925
- \* 520 The Bauhaus, Dessau, 1926
- 521 Ascona, 1926
- 522 Berlin from Wireless Tower, 1928
- 523 Nude, 1929
- 524 Nude, 1929 (negative print)
- + 525 Scene from H. G. Wells' movie *Things to Come*, 1935
- 526 Constructing sets for *Things to Come*, 1935

MOUNIER, Georges. Lives at Parc St.-Maur, near Paris.

- 527 Fish Nets, La Rochelle
- 528 Shipyard, La Rochelle

MUNKACSI, Martin. Born Kolozsvár, Hungary, 1896. Lives in New York.

- 529 Dinah Grace, 1930
- 530 Kindergarten, 1928

NATORI, Yonosuke. Born Tokio, 1909.

- + 531 Series of photographs of a Japanese story-teller. Lent by Black Star Publishing Company, New York

NELSON, Lusha. New York

- 532 Jesse Owens
- 533 Sikorsky

534 Mayor La Guardia

535 Cecil Beaton

Nos. 532-535 courtesy Condé Nast Publications, New York

PAPILLON, André. Paris  
535a the Basketmaker

PARRY, Roger. Paris

- 536 Portrait (double exposure)
- 537 Clouds at Moorea, Tahiti
- 538 Lepers at Orofara, Tahiti

RAY, Man. Born Philadelphia, 1890. Lives in Paris.

- + \* 539 Rayograph, 1922. From *Champs Délicieux*, Paris, 1922. Collection The Museum of Modern Art, New York, given anonymously

+ 540 Rayograph, 1923. Lent anonymously

- 541 *Electricity*: album of 10 rayogrammes, Paris, Compagnie Parisienne de Distribution d'Electricité, 1931. Lent by Julien Levy Gallery, New York

\* 542 Sleeping Woman (print from solarized negative)

543 Portrait of Sinclair Lewis

~~544 Torso~~

545 Woman with African Mask

Nos. 542-545 lent by James Thrall Soby, Farmington, Connecticut

RITTASE, William. Born Baltimore, 1892. Started photographing in the Artillery during World War. Lives in Philadelphia.

546 Blast Furnace, 1934 - Rittase photo

547 Gold Mining, 1934

548 The Boatsman, 1936

+ 549 Modern Farmer, 1936

ROGI-ANDRE, Mme. Born Budapest. Lives in Paris.

+ 550 Charles Despiau, 1936

551 Fernand Léger, 1936

+ 552 Pierre Roy, 1936

553 Max Jacob, 1936



SCHAD, Christian. German or Swiss. Probably first to use technique later called "rayograph" (Man Ray) or "photogram" (Moholy-Nagy).

554a-e "Schadographs," 1918. Lent by Tristan Tzara, Paris

SCHALL, Raymond and Roger. Paris

555 Blind Accordionist *1936*  
556 Bridge at St.-Cyr-sur-Loire, 1936  
557 Sailor of Banyuls, 1936

SEKAER, P. Ingemann. Born Copenhagen, 1901. Lives in New York.

558 Miner  
559 Engineer  
560 Portrait

SHEELER, Charles. Born Philadelphia, 1883. Lives in Ridgefield, Connecticut.

\*561 Chartres, 1929  
562 Portrait of Aldous Huxley. Courtesy Condé Nast Publications, New York  
563 Blue Ridge Mountains, 1936

~~564 Maryland Cottage, 1936~~  
*564 ABSTRACT - FORD PLANT, 1927*  
*564a BOCKS COUNTY BARNS*

SOUGEZ, Emmanuel. Born Bordeaux, 1889. In charge of photography for *L'Illustration*, Paris.

✓  
*S-1835*  
- 565 Portal of Notre-Dame, Paris  
566 Smelts  
567 Interior

STEICHEN, Edward J. New York.

568 Wheelbarrow and Flowerpots *(2 color print)*  
\*569 Carl Sandburg  
570 Homeless: poster for Travelers' Aid Society  
571 George Washington Bridge  
572 Torso  
573 Paul Robeson

STEINER, Ralph. Born 1899. Studied with Clarence White. Lives in New York.

\*574 Suburban House  
575 Signboard  
576 Tree  
577 Fence Post

STORM, Stephen. Born Holland, 1916. Lives in Paris.

578 Composition, 1935  
579 Front Wheel and Mechanism of a Renault Automobile, 1936

STRAND, Paul. Born New York, 1890. Lives in New York.

580 Woods and White Lichen, Maine, 1928  
581 Driftwood, Gaspé, Quebec, 1929  
582 Boat and Sea, Gaspé, Quebec, 1929  
583 Fishing Village, Gaspé, Quebec, 1929  
584 Deserted Mining Shack, Red River, New Mexico, 1931  
585 Ghost Town Shack, Red River, New Mexico, 1931  
586 Sand Hills, Abiquiu, New Mexico, 1931  
587 Village and Black Mountain, Cerro, New Mexico, 1931  
588 Near Saltillo, Mexico, 1932  
589 Cristo, Huexotla, Mexico, 1933  
590 Woman of Patzcuaro, Mexico, 1933  
591 Man of Tenancingo, Mexico, 1933  
\*592 Gateway, Hidalgo, Mexico, 1933

TABARD, Maurice. Born Lyons, 1897. Lives in Paris.

593 Guitars *1935*  
594 Gothic Virgin *1936*  
+ 595 The Devil  
596 Enlargement of an experimental moving picture film for Paris Exposition, 1937

VALENTE, Alfredo. New York

597 Walter Huston as Othello, 1936

598 Hindu Dancer's Feet

599-600 Performance photographs of the operetta *Frederika*, 1937

Nos. 597-600 courtesy of the magazine *Stage*

✓  
VERGER, Pierre. Paris

601 Bambara Mask

✓ -1849- 602 Bobo Dance, French Sudan

WESTON, Brett. Born Los Angeles, 1911. Lives in San Francisco.

603 Cactus, 1935

604 Clouds, 1936

605 Four Stalks, 1936

606 Wet Emery Powder on Glass, 1936

WESTON, Edward. Born Highland Park, Illinois, 1886. Lives in Santa Monica, California.

\*607-612 Sand Dunes, Oceano, California, 607-1936. S-

WOLFF, Paul. Born Strassburg, 1895. Lives in Frankfurt-on-Main.

613 Nordseebad Juist

614 Boy Drummers

\*615 Protective Net of Aluminum Worker S-1801 ✓

616 Jewelers

Nos. 613-616 lent by Black Star Publishing Company, New York

YLLA (pseudonym). Paris

617 Swans and Cygnets, 1936 ✓

\*618 Hippopotamus, 1936 - S-1850

619 Giraffes, 1936

## APPARATUS

+620 Eastman 8 x 10" view camera and stand

never → +621 Kodak camera, model 620, 1937  
come

Nos. 620-621 lent by Eastman Kodak Research Laboratories, Rochester, New York

622 Leica camera, model A. Used by Admiral Byrd

623 Leica camera, model G

Nos. 622-623 lent by E. Leitz, Inc., New York

624 Rolleiflex camera. Lent by Burleigh Brooks, Inc., New York

## PRESS PHOTOGRAPHY

625 Arrival of Empress Eugénie at Eaux-Bonnes, c. 1860 (photographer unknown)

625a Wood engraving based on no. 625

Nos. 625-625a lent by Victor Barthélemy, Paris

626 Photostat of a page of *The New York Daily Graphic*, Jan. 8, 1880, showing news pictures reproduced by line cuts made from drawings

\*627 A Scene in Shantytown, 1880. From *The New York Daily Graphic*, March 4, 1880. The earliest half-tone reproduction of a photograph to appear in the daily press.

ANDRE, Sam

628 An Upsidedown Touchdown

629 In the Home Stretch

Nos. 628-629 courtesy *The New York American*

626a Midwinter, Photostat of  
P.C. not recorded  
not recorded  
pectoral layout in *The New York Daily Graphic*, Jan. 14, 1880



- BECKER, Murray L. Born New York, 1906.
- 630 Up Ship (Hindenburg, Lakehurst).  
Courtesy The Associated Press
- BRODERICK, Hugh
- 631 Incompleted
- 632 Form (diver). Awarded first prize for sports at News Photographers' Association exhibition, 1936  
Nos. 631-632 courtesy International News Photos
- CANDIDO, Pat
- 633 Scram. Courtesy *The Daily News*, New York
- GREENE, William C. Born Brooklyn, New York, 1900.
- 634 Speed, 1936. Courtesy *The New York World-Telegram*
- JURKOSKI, Frank
- 635 Over! Courtesy International News Photos
- LEVINESS, Osmund
- 636 "A casket . . . a rain-soaked grave . . . the end of killer Coll," 1932. Courtesy *The Daily News*, New York
- LINDSAY, John. Born New York, 1903.
- 637 Knockout (Max Schmeling vs. Joe Louis). Courtesy The Associated Press
- LOPEZ, Vincent
- 638 Pitcher winding up (triple exposure).  
Courtesy *The New York Sun*
- MERTA, Frank J. Born New York, 1899.
- 639 Fiery Fiorello. Courtesy Acme Newspictures, Inc.
- OLEN, Henry
- \*640 "Powerful K. O. punch sends victor and vanquished flying out of ring."
- 641 "Giants vs. Dodgers at Polo Grounds. Joe Stripp safe at plate as Shanty Hogan fails to tag him"
- 642 "In pro game at Polo Grounds, Jim Leonard is thrown over tackler's head across goal line, scoring a flying touchdown. Giants vs. Philly Eagles"  
Nos. 641-642 courtesy *The Daily News*, New York
- ROTH, Charles A. Born Mt. Vernon, New York, 1889.
- \*643 A Land Tanker Explodes, 1936. Courtesy *The Bergen Evening Record*, Hackensack, New Jersey *Roth Photo*
- SANDE, Tom. Born Brooklyn, New York, 1904.
- 644 Wind-up (Lefty Gomez). Courtesy The Associated Press
- WARNECKE, William
- \*645 Shooting of Mayor Gaynor. Awarded first prize, spot news division of Second Annual Exhibition of the Press Photographers Association of New York. Courtesy *The New York World-Telegram*
- UNKNOWN PHOTOGRAPHERS
- 646 J. P. Morgan at the Senate Investigation
- 647 The Relief of the Alcazar. Enlargement from a Paramount News Reel  
Nos. 646-647 lent by The Associated Press
- 648 U.S.S.R. news photographs. Lent by Sovfoto, New York. Courtesy Jay Leyda *24 clippings 2 mags*
- 649 Newspaper clippings showing news pictures
- +650 Reduced copy of newspaper, *Le Soir*, Nov. 7, 1870, to be read with magnifying glass. Sent to subscribers from besieged Paris by carrier pigeon. Lent by A. Gilles, Paris.
- 651a Photos clipped from *Use showing Spanish Civil War* *B. Newhall not record*
- APPARATUS
- 651 Speed Graphic 4 x 5" Press camera. Lent by Eastman Kodak Research Laboratories, Rochester, New York, courtesy Folmer Graflex Corporation

## COLOR PHOTOGRAPHY

## HAND-COLORED

- +652 ~~Girl with Bird, c. 1850. Stereoscopic daguerreotype, tinted. Lent by Victor Barthélemy, Paris~~ *not here*

## DIRECT COLOR

- LIPPMANN, Gabriel. Born Hallerick, near Luxembourg, 1845. Professor of Physics, Sorbonne, Paris, 1878. Published his direct color process, 1891. Nobel Prize, 1908. Died at sea, 1924.
- 653 Garden scene, 1900. Lippmann interference plate

LUMIERE, Auguste (born 1862) and Louis Lumière (born 1864). Directors of Société Lumière, Lyons, France, founded by their father, 1882. Patented *cinématographe*, 1895. Autochrome process, 1903.

- 654 Reproduction of the spectrum, 1892. Lippmann interference plate

Nos. 653-654 lent by the Eastman Kodak Research Laboratories, Rochester, New York

## ADDITIVE THREE-COLOR PROCESSES

- HEDDENHAUSEN, Elsbeth. Berlin
- +655 Two Ladies in a Café, 1936. Agfacolor transparency. Lent by Black Star Publishing Company, New York

IVES, Frederick E. Born Litchfield, Connecticut, 1856. For 18 years photographer to Cornell University. Extensive photo-mechanical researches. Lives in Philadelphia.

- 656 Cherries, c. 1892
- +657 Lilies, c. 1892
- Nos. 656-657 are Krömskøp (triple stereoscopic transparencies) to be viewed in the Krömskøp

- 658 Krömskøp
- Nos. 656-658 lent by James Stokley, Philadelphia

MOHOLY-NAGY, Laszlo. *For biography see nos. 514-526*

- +659 Abstraction, 1936. Dufaycolor transparency
- +660 Abstraction, 1936. Dufaycolor transparency
- 661 Four-color photo-engraving of no. 660
- Nos. 659-661 lent by the photographer

STEICHEN, Edward J. New York.

- 662 George Bernard Shaw, 1908
- 663 On the House Boat "The Log Cabin," 1908
- Nos. 662-663 are four-color photo-engravings of Lumière Autochromes, from *Camera Work*, No. 22, 1908, pls. I and II

## SUBTRACTIVE THREE-COLOR PROCESSES

- 664 Progressive print showing the method by which a three-color carbonyl print is built up (Vivex process). Lent by Colour Photographs (British and Foreign) Ltd., London

BIRD, Walter. London

- 665 My Mother, 1936
- 666 Marie, Princess Paul Troubetzkoy
- Nos. 665-666 are carbonyl prints (Vivex process). Lent by the photographer



BRUEHL, Anton, and Fernand  
BOURGES. New York

667 Sun Bather, 1936

667a Fashion plate, 1936

Nos. 667-667a are engraved directly from  
three-color separation negatives

*Lent by Anton Bruehl*

EASTMAN KODAK RESEARCH  
LABORATORIES. Rochester, New  
York

+ 668-674 Examples of work done by the Ko-  
dachrome process. Lent by Eastman Ko-  
dak Research Laboratories

KÖNIG, Ernst. Born 1869. Chemist in  
firm Meister, Lucius und Brüning,  
Höchst-am-Main. Died 1924.

675-676 Pinatype prints, 1905

677 Print made by L. Didier's Pinatype  
process, 1914

Nos. 675-677 lent by Eastman Kodak  
Research Laboratories

MOFFAT, Curtis. London

678 Still Life with Glass of Water and Shell,  
1936

679 Still Life: Books, Flowers and Shells,  
1936

Nos. 678-679 are carbro prints (Vivex  
process). Lent by the photographer

18848  
MURAY, Nickolas. Born Hungary, 1892.  
Now working in New York.

680 Opera Box. <sup>1937</sup> Courtesy Packard Motor  
Co.; Agency: Young & Rubicam, Inc.

681 Vienna Sausage. <sup>1938</sup> Courtesy Libby McNeil  
Libby; Agency: J. Walter Thompson  
Company, Chicago

Nos. 680-681 are carbro prints lent by  
the photographer

OUTERBRIDGE, Paul. New York

682 Cheese and Crackers

683 Avocado Pears

684 Semi-*Portrait* abstraction <sup>1935</sup>

685 Snow Scene

686 Wall Paper. Courtesy *House Beautiful*

Nos. 682-686 are carbro prints. Lent by  
the photographer

STEICHEN, Edward J. New York.

687 Portrait of Rachmaninoff, 1936. Carbro  
print. Lent by the photographer

YEVONDE, Madame. Born London,  
1893. Lives in London.

<sup>the</sup> 688 Queen Mary in Dock, 1936

+ 689 First Class Bar, Queen Mary, 1936

690 Portrait of Sir Rayner Goddard (Mr.  
Justice Goddard), 1936

Nos. 688-690 are carbro prints (Vivex  
process). Lent by the photographer

## STEREOSCOPIC PHOTOGRAPHY

## DAGUERREOTYPES

✓  
1759  
GOÛIN, A. Paris

\*691 Portrait of the Sculptor, James Pradier  
(1792-1862) (hand-tinted)

692 Portrait of Madame Pradier (hand-  
tinted)

693 Portrait of a man, c. 1860 (hand-tinted)  
Nos. 691-693 lent by A. Gilles, Paris

MILLET, Paris

694 Portrait of a Woman, c. 1860 (hand-  
tinted)

+695 Portrait of a Woman, c. 1860 (hand-  
tinted)

Nos. 694-695 lent by A. Gilles, Paris

## UNKNOWN PHOTOGRAPHERS

696 Portrait of a man, c. 1850. In folding  
case with viewing lenses

697 Statuette by James Pradier, c. 1850

698 Chinaman, c. 1850

Nos. 696-698 lent by A. Gilles, Paris

## PAPER PRINTS

JOUVIN, H. Paris

+699 Album of instantaneous stereoscopic  
views of Paris. Book bound on August  
10, 1865. Lent by Georges Sirot, Paris

REILLY, J. J. New York

-700 Covered Bridge, c. 1850. Lent by Victor  
Barthélemy, Paris

## UNKNOWN PHOTOGRAPHERS

701 Photographer and Equipment, c. 1870

-702 Basket Weaver, c. 1880 (hand-colored)

Nos. 701-702 lent by Victor Barthélemy,  
Paris

UNKNOWN PHOTOGRAPHER,  
American

-703 Locomotive on the Road near Port Jer-  
vis. Lent by Victor Barthélemy, Paris

## TRANSPARENCIES

UNKNOWN PHOTOGRAPHERS,  
American

+710 New York Ferry Boat, c. 1880

+711 Niagara Falls in Winter, c. 1880

+712 Niagara, Terrapin Tower and Horse-  
shoe Falls

Nos. 710-712 lent by A. Gilles, Paris

UNKNOWN PHOTOGRAPHERS,  
French

+704 Series of miniature stereoscopic photo-  
graphs of Paris, c. 1870, to be cut apart  
and mounted in pairs

+705 Mounted miniature stereoscopic view  
of the Hôtel de Ville, Paris, before 1871

+706 Locomotive, c. 1875

+707 Group, c. 1875

+708 Arc de Triomphe du Carrousel, c. 1875

-709 Children Playing with Hoop Skirts, c.  
1870

Nos. 706-709 are albumin prints tinted  
on the back and with the highlights  
pricked with a pin. When viewed by  
transmitted light they appear in color.

Nos. 704-709 lent by Victor Barthélemy,  
Paris

## APPARATUS

713 Stereoscope for viewing daguerreotypes,  
c. 1850. Lent by A. Gilles, Paris

714 Stereoscope viewing cabinet, with end-  
less belt for holding a large number of  
stereoscopic card views, c. 1850. Lent by  
Henry-Russell Hitchcock, Jr., Middle-  
town, Connecticut *patented 1866*

+715 Stereoscope with stand. Lent by H. L.  
Ripperger, New York.



## SCIENTIFIC PHOTOGRAPHY

## PHOTOMICROGRAPHY

ALBIN, GUILLOT, Laure. Paris

- ✓ 1771  
\*716 Diatom. Photogravure from Albin-Guil-  
lot, *Micrographie Décorative*, Paris,  
Draeger Frères, 1931, pl. XVIII. Lent by  
the photographer

EASTMAN KODAK RESEARCH  
LABORATORIES. Rochester, New  
York

- +717 Cross section of human skin  
+718 Wheat flower  
+719 Cross section of stem of a fern  
+720 Thin section of rock, by polarized light  
+721-724 Crystallized melt of organic sub-  
stances, by polarized light  
Nos. 717-724 Kodachrome transparencies  
+725 Cross section of a leaf, by ultra-violet  
light  
~~+726 Cross section of a leaf, by ordinary light~~  
+727 Grains of photographic emulsion (fast,  
medium, and slow)  
+728 Opalized wood, by ordinary light  
+729 Opalized wood, by polarized light  
(through Pola-screen)  
~~+730 Mold on leather, by ordinary light~~  
~~+731 Mold on leather, by polarized light~~  
(through Pola-screen)  
+732 Knitted cellulose acetate fabric, by ordi-  
nary light  
+733 Knitted cellulose acetate fabric, by po-  
larized light (through Pola-screen)  
Nos. 725-733 lent by Eastman Kodak  
Research Laboratories

LUCAS, Dr. Francis F., Bell Telephone  
Laboratories, New York

- 734 Optical sections of fixed but unstained  
mouse tumor specimens, photographed  
at a magnification of 1800 X on planes  
spaced one-quarter micron apart (a mi-  
cron is one-millionth of a millimeter)  
735 Group of cells photographed with wave  
length  $\lambda$  2750 before and after a  
very short period of irradiation with  
wave length  $\lambda$  2265. Magnifica-  
tion 500 X. Disintegration of living cells  
by rays  
736 Structure of chrome-iron quenched in  
oil from 1750° F. and drawn for two  
hours at 1450° F. Magnification 1000 X  
737 Same specimen, magnification 4000 X,  
with apochromatic objective of numeri-  
cal aperture 1.40  
738 Same specimen, magnification 4000 X,  
with mono-brom-naphthaline objective  
of numerical aperture 1.60

Nos. 734-738 lent by the photographer

SMITH, A. E. Born London, 1856. Lives  
in London.

- 739 Head of saw fly  
740 Foot of bee  
+741 Two wood ants fighting  
742 Cutters of saw fly  
743 House fly on sugar  
Nos. 739-743 lent by the photographer

## ASTRONOMICAL PHOTOGRAPHY

DUNCAN, John C.

- +744 Dark nebula in Cygnus. Photo-  
graphed with 100 inch telescope at Mt.  
Wilson Observatory, California

MT. WILSON OBSERVATORY. Near  
Pasadena, California

- 745 Head of Halley's comet, June 5, 1910.  
Photographed with 60 inch telescope

PETTIT, Edisan

- 746 Eruptive prominences on the sun, 194-000 miles high, moving at a speed of 171,000 miles per minute, August 6, 1931. Photographed with 40 inch telescope at Yerkes Observatory, Williams Bay, Wisconsin

ROSS, F. E.

- 747 Part of Milky Way in Cygnus, showing the "North America" Nebula, the Veil Nebula, and four stars of the Northern Cross. Photographed at Flagstaff, Arizona, with special 5 inch wide-angle lens

RUTHERFURD, Lewis M. New York

- 748 The Moon, 1865. Lent by the Chandler Chemical Museum, Columbia University, New York

SALTSJÖBADEN OBSERVATORY,  
Royal Swedish Academy of Science,  
Stockholm

- 749 Double cluster in Perseus. Photographed with a 40 inch telescope.

Nos. 744-747, 749 lent by The Franklin Institute, Philadelphia

## PHOTOGRAPHY BY INFRA-RED RAYS

EASTMAN KODAK RESEARCH  
LABORATORIES. Rochester, New  
York

- 750 Landscape  
751 Ordinary photograph for comparison  
752 Man's leg

- 753 Ordinary photograph for comparison

- +754 Man's chest

- +755 Ordinary photograph for comparison

Nos. 750-755 lent by Eastman Kodak Research Laboratories

## PHOTOGRAPHY BY X-RAYS (RADIOGRAPHY)

EASTMAN KODAK MEDICAL DIVI-  
SION. Rochester, New York

- \*756 Living <sup>man</sup>person, full size. Lent by Eastman Kodak Medical Division

EASTMAN KODAK RESEARCH  
LABORATORIES. Rochester, New  
York

- 757 Alarm clock  
+ 758 Moving picture camera  
759 Flashlight

Nos. 757-759 lent by Eastman Kodak Research Laboratories

EDER and VALENTA. Vienna. Josef Maria Eder: born Krems, Austria, 1855. Director, Lehr und Versuchanstalt, Vienna, 1888. Eduard Valenta: born Vienna, 1857.

- \*760 Fish, 1896

- 761 Fish, 1896

- 762 Snake, 1896

- 763 Cameo, 1896

Nos. 760-763 lent by Eastman Kodak Research Laboratories

759a Electric light bulb  
759b Shoe



## PHOTOGRAPHY BY THE GRENZ RAYS

"Less penetrating than the X-rays normally used are the so-called *Grenz* rays. They do not penetrate the glass walls of the tubes used for the generation of the normal rays, and special tubes with a very thin glass window are required for them. They can be used to show the structure of materials, such as paper, leather, cloth, leaves, and insects, which are too transparent to the usual X-rays to show any detail in the photograph." (C. E. K. Mees, *Photography*, London, Bell, 1936, p. 206 f.)

EASTMAN KODAK RESEARCH LABORATORIES, Rochester, New York

- 764 Cuban cockroach
  - 765 Cecropia moth
  - 766 Columbine
  - 767a-c Samples of (a) pure silk, (b) silk weighted with tin, (c) silk weighted with lead
  - 768 Meal worm
- Nos. 764-768 lent by Eastman Kodak Research Laboratories

## AERIAL PHOTOGRAPHY

AMERICAN EXPEDITIONARY FORCES. Air Service, Photographic Division

- 769 Taking of Cantigny, May 28, 1918, by the 28th Inf. Reg., 1st Div., U. S. Army,
  - 770 Two aerial photographs mounted with duplicate prints on which landmarks and details of the position of troops have been marked
- Nos. 769-770 lent by Edward J. Steichen, New York

FAIRCHILD AERIAL SURVEYS

- 771 New York Edison Plant, East 38th St., New York
  - 772 Smoke over New York City
  - 773 Coney Island, Brooklyn
  - 774 Forest Fire
  - 775 Woolworth Tower in Clouds
  - 776 The Ribbon of Broadway
  - 777 Site of the World's Fair, Flushing, Long Island
- Nos. 771-777 lent by the Fairchild Aerial Surveys, New York Office

HAZEN, V.

- 778 Berlin, 1886. Photographed from a free balloon. Lent by Eastman Kodak Research Laboratories

McLAUGHLIN AERIAL SURVEYS. New York

- \*779 Downtown New York
  - 780 New York through clouds
  - 781 Clouds
  - 782 New York and Brooklyn
  - 783 George Washington Bridge
  - 784 Gibson Development, Valley Stream, Long Island
  - 785 Stereoscope for viewing aerial photographs
- Lent by McLaughlin Aerial Surveys, New York

NADAR. *For biography see nos. 212-217*

- 786 Paris. Photographed with wet plate from a balloon basket which contained a portable dark room, 1858. Lent by Eastman Kodak Research Laboratories

STEVENS, Albert W.

- 787 Central South Dakota, 1935. The highest vertical photograph yet made. Altitude 72,395 feet; area embraced, 105 square miles

- 788 Division between Troposphere and Stratosphere, showing curvature of the earth, 1935. Photographed by infra-red rays from altitude of 72,395 feet

Nos. 787-788 taken on Stratosphere expedition of National Geographic Society and U. S. Army Air Corps, Nov. 11, 1935. Lent by National Geographic Society, Washington, D. C.

#### UNKNOWN PHOTOGRAPHER

- \*789 Progressive photographs of a bombardment during the World War. Lent by Edward J. Steichen, New York

#### STROBOSCOPIC PHOTOGRAPHY

EDGERTON, Harold E., Kenneth J. GERMESHAUSEN, and Herbert E. GRIER. Massachusetts Institute of Technology, Cambridge, Massachusetts

- 790 Cup of coffee breaking  
791 Water flowing from a faucet  
792 Hammer smashing an electric light bulb  
793 Foot kicking a football

- 794 Club striking a golf ball  
\*795 Splashing of a drop of milk into a saucer of milk

Nos. 790-795 made with an exposure of about 1/100,000 second. Lent by the photographers, courtesy Massachusetts Institute of Technology

#### METEOROLOGICAL PHOTOGRAPHY

CLARK, G. Aubourne. Born Aberdeen, 1879. Now working at Observatory, King's College, Aberdeen, Scotland.

- 796 Sunset sky, 1936 or earlier  
\*797 Bands of cirro-cumulus, 1936 or earlier  
Lent by the photographer

#### MOVING PICTURES

##### ENGLAND

- 798 *Contact*, 1932-1933  
Production and direction: Paul Rotha  
Photography: Jack Parker, George Pocknall and H. Weddon  
Produced by British Instructional Films for Shell-Mex and Imperial Airways

- 799 *Aero-Engine*, 1933-1934  
Production: John Grierson  
Direction: Arthur Elton  
Photography: George Noble  
Produced for Empire Marketing Board Film Unit

- 800 *Shipyard*, 1934  
Production and direction: Paul Rotha

Photography: Frank Bundy and George Pocknall

Produced by Gaumont-British Instructional for Orient Line and Vickers Armstrong

- 801 *Granton Trawler*, 1934  
Production, direction and photography: John Grierson  
Produced for Empire Marketing Board Film Unit

- 802 *The Song of Ceylon*, 1934-1935  
Production: John Grierson  
Direction and photography: Basil Wright  
Made for Ceylon Tea Propaganda Board



- 803 *Coalface*, 1935  
Production: John Grierson  
Direction: Alberto Cavalcanti  
Made for General Post Office Film Unit
- 804 *B.B.C.: The Voice of Britain*, 1935  
Production: John Grierson  
Direction: Stuart Legg  
Photography: George Noble  
Made for British Broadcasting Corporation by General Post Office Film Unit
- 805 *The Mine*, 1935  
Direction: J. B. Holmes  
Photography: Frank Bundy  
Made for Gaumont-British Instructional
- 806 *Statue Parade*, 1936  
Production: Paul Rotha  
Direction and photography: Ralph Keene and Paul Burnford  
Produced by Strand Films
- 807 *The Way to the Sea*, 1937  
Production: Paul Rotha  
Direction: J. B. Holmes  
Photography: George Noble and John Taylor.  
Produced by Strand Films for Electrical Development Association, Southern Railway and Portsmouth Corporation
- 808 *Elephant Boy*, 1937  
Production: Alexander Korda  
Direction: Robert J. Flaherty  
Photography: Oscar Borrodaile  
Produced by London Films
- 809 *Line to the Tochieva Hut*, 1937  
Production: R. H. Watt  
Direction: Alberto Cavalcanti  
Photography: John Taylor  
Produced for the General Post Office Film Unit  
Nos. 798-809 lent by Paul Rotha, London

## FRANCE

- 810 *Pastime in the Family Circle*, 1896  
Photography: Louis Lumière
- 811 *Madame Sans-Gêne*, 1911  
With Réjane  
Direction: André Galmettes
- 812 *Paris Qui Dort*, 1922-1923  
Direction: René Clair  
Photography: Maurice Desfassiaux and Paul Guichard
- 813 *Menilmontant*, 1924-1925  
With Nadia Sibirskaia  
Direction: Dmitri Kirsanov  
Photography: Dmitri Kirsanov and Léonce Grouan
- 814 *L'Etoile de Mer*, 1928  
Direction: Man Ray  
Photography: Man Ray and J. A. Boiffard
- 815 *La Passion de Jeanne d'Arc*, 1928  
Direction: Carl-Theodor Dreyer  
Photography: Rudolph Maté

## GERMANY

- 816 *The Cabinet of Dr. Caligari*, 1919-1920  
With Werner Krauss and Conrad Veidt  
Direction: Robert Wiene  
Photography: Willy Hameister
- 817 *The Golem*, 1920  
With Paul Wegener  
Direction: Paul Wegener  
Photography: Karl Freund
- 818 *The Last Laugh*, 1924  
With Emil Jannings  
Direction: Friedrich Walter Murnau  
Photography: Karl Freund
- 819 *Metropolis*, 1925-1926  
Direction: Fritz Lang  
Photography: Karl Freund and Gunther Rittau
- 820 *The Love of Jeanne Ney*, 1927  
Direction: Georg Wilhelm Pabst  
Photography: Fritz Arno Wagner

## U. S. A.

- 821 *Cripple Creek Barroom*, 1898  
Made by the Edison Company
- \*822 *The New York Hat*, 1912  
With Mary Pickford  
Direction: David Wark Griffith  
Photography: George William Bitzer
- 823 *Barney Oldfield's Race for a Life*,  
c. 1913  
With Mabel Normand  
Direction: Mack Sennett
- 824 *Intolerance*, 1915-1916  
Direction: David Wark Griffith  
Photography: George William Bitzer
- 825 *The Four Horsemen of the Apocalypse*,  
1920-1921  
With Rudolph Valentino  
Direction: Rex Ingram  
Photography: John Seitz
- 826 *Salomé*, 1922  
With Nazimova  
Direction: Charles Bryant  
Photography: Charles Van Enger
- 827 *The Covered Wagon*, 1922-1923  
Direction: James Cruze  
Photography: Karl Brown
- 828 *Moana of the South Seas*, 1925-1926  
Direction and photography: Robert J. Flaherty
- 829 *Sunrise*, 1927  
Direction: Friedrich Walter Murnau  
Photography: Charles Rosher and Karl Struss
- 830 *Little Caesar*, 1930  
With Edward G. Robinson  
Direction: Mervyn LeRoy  
Photography: Tony Gaudio
- 831 *Lone Cowboy*, 1933  
Direction: Paul Sloane  
Photography: Theodor Sparkuhl

## U. S. S. R.

- 832 *Strike*, 1924-1925  
Direction: S. M. Eisenstein  
Photography: Edward Tissé
- \*833 *Armored Cruiser Potemkin*, 1925 5-1843  
Direction: S. M. Eisenstein  
Photography: Edward Tissé
- 834 *By the Law*, 1925-1926  
Direction: Lev Kuleshov  
Photography: Kuznetsov, supervised by Levitsky
- 835 *Mother*, 1926  
Direction: Vsevolod Pudovkin  
Photography: Anatoli Golovnia
- 836 *The End of St. Petersburg*, 1927  
Direction: Vsevolod Pudovkin  
Photography: Anatoli Golovnia
- 837 *October (Ten Days That Shook the World)*, 1927  
Direction: S. M. Eisenstein  
Photography: Edward Tissé
- 838 *Arsenal*, 1928-1929  
Direction: Alexander Dovzhenko  
Photography: Daniil Demutski
- 839 *Old and New*, 1928-1929  
Direction: S. M. Eisenstein  
Photography: Edward Tissé
- 840 *New Babylon*, 1929  
With Elena Kuzmina  
Direction: Gregor Kozintsev and Leonid Trauberg  
Photography: Moskvín
- 841 *Earth*, 1930  
Direction: Alexander Dovzhenko  
Photography: Daniil Demutski
- Nos. 810-841 lent by The Museum of Modern Art Film Library, New York