



Plate 1A. *Pendeloques* (eardrops), solid glass (yellow and blue), hollow glass (red), probably F. Unger, Liebenau, before 1837 (Technical Museum Vienna [TMV], probably TH 32841).

Plate 1C. *Pendeloques* (eardrops), hollow glass, probably F. Unger, Liebenau, before 1837 (TMV, probably TH 32841).



Plate 1B. *Pendeloques* (eardrops), solid glass, probably F. Unger, Liebenau, before 1837 (TMV, probably TH 32841).

Plate 1D. *Perles Orientales* (Oriental beads), Redlhammer Brothers, detail of Plate 27A (TMV, TM 2135, XIII [1913]).

<i>Perles Orientales</i>		
Grand:	Coul: 1460	Grand:
3/0		3/0
2/0		2/0
0		0
1		1
2		2
3		3
4		4
7		7
9		9

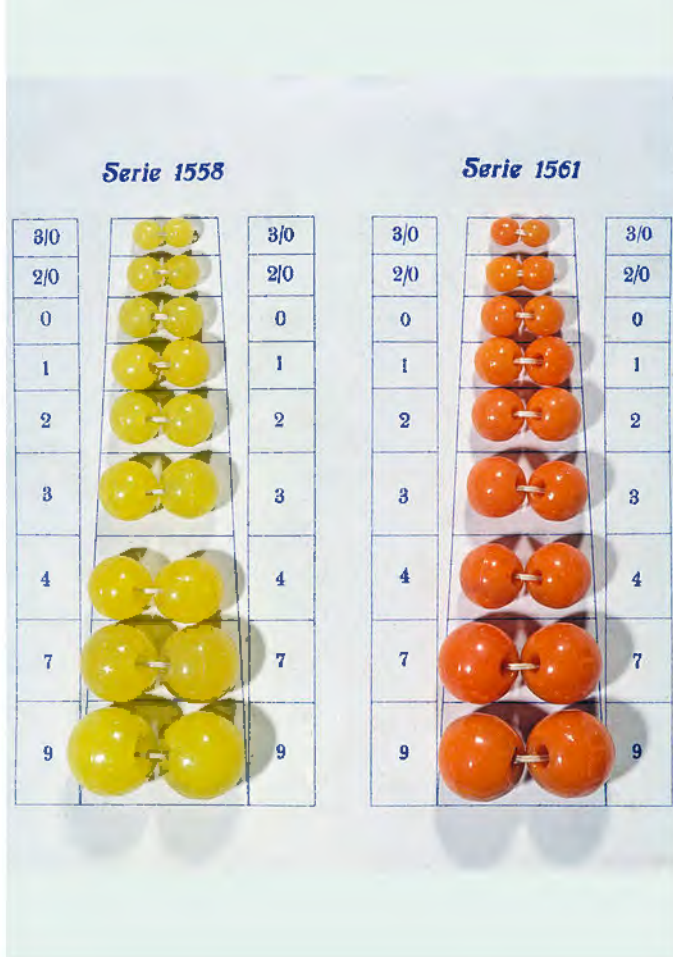


Plate 2A. *Perles Orientales* (Oriental beads), Redlhammer Brothers, detail of Plate 27B (TMV, TM 2135, XIII [1913]).

Plate 2C. Neck ornament of rocaïlles, probably early 20th century; height as shown: ca. 16.5 cm; rectangular elements: 1.8 x 2.5 cm (private collection, Vienna).



Plate 2B. Very small beads (Article No. 1006), Ludwig Breit Co., Schwäbisch-Gmünd, before 1957; card: 20.8 x 10.5 cm (Dr. Klaus Breit, Schwäbisch-Gmünd).

Plate 2D. *Nouveautés*, Redlhammer Brothers, detail of card 117 (Coralline Beads, Article No. 3154), before 1913 (TM 2135, XIII).

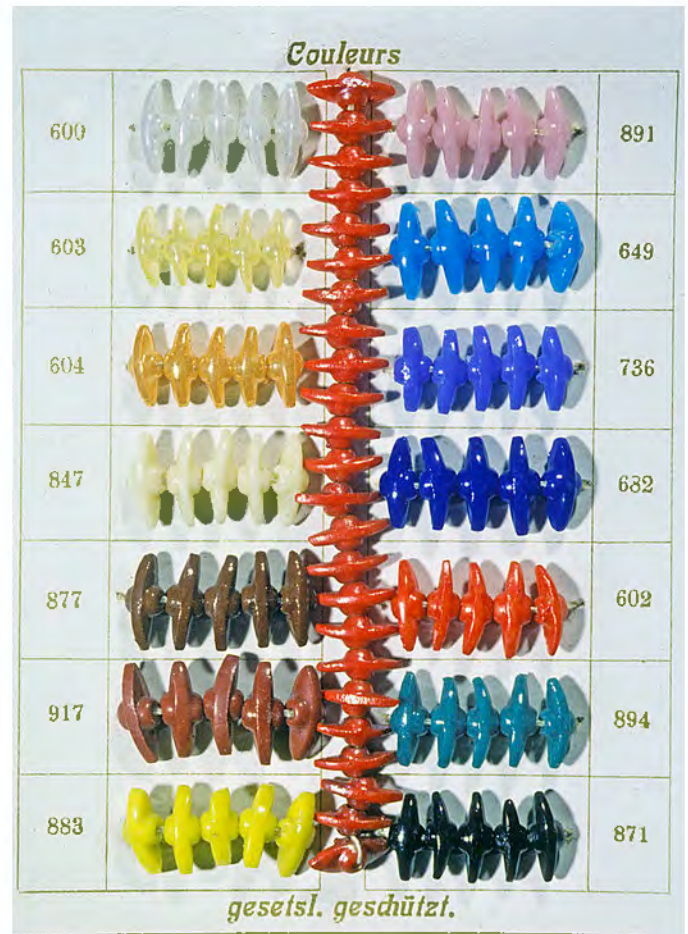




Plate 3A. Coaster of “Bohemian beads,” probably early 20th century; height: 21.2 cm, width: 23 cm (Private collection, Vienna).

Plate 3C. Card 166, Redlhammer Brothers, “Color card. Oriental beads, Article 3362,” 27.3 x 16.3 cm (Gablonz Archive and Museum, Kaufbeuren-Neugablonz).



Plate 3B. *Perles Orientales* (Oriental beads), Redlhammer Brothers, detail of Plate 26A.

Plate 3D. Color range of small beads in shades of white (Maria Reiter, Vienna).



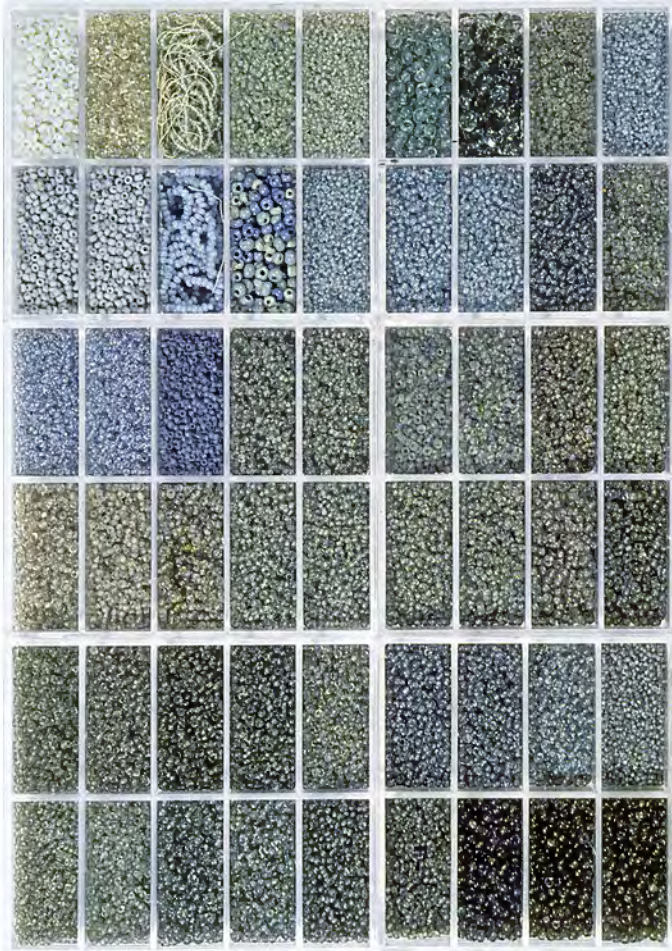


Plate 4A. Color range of small beads in shades of gray (Maria Reiter, Vienna).



Plate 4B. Color range of small beads in shades of purple (Maria Reiter, Vienna).

Plate 4C. Color range of small beads in shades of blue (Maria Reiter, Vienna).



Plate 4D. Color range of small beads in shades of green (Maria Reiter, Vienna).





Plate 5A. Color range of small beads in shades of green (Maria Reiter, Vienna).



Plate 5B. Color range of small beads in shades of yellow, orange, and red (Maria Reiter, Vienna).

Plate 5C. Color range of small beads in shades of pink and red (Maria Reiter, Vienna).



Plate 5D. Striped and overlaid beads (Maria Reiter and private collection, Vienna).





Plate 6A. Color range of "Bohemian Beads;" 5.8-6.2 mm diameter (private collection, Vienna).

Plate 6C. Rocailles, Art. No. 1004, Ludwig Breit, Wiesenthalhütte, Schwäbisch-Gmünd, after 1957 (Dr. Klaus Breit, Schwäbisch-Gmünd).



Plate 6B. Two-cut faceted beads of several types, detail of a sample card without a company name, probably after 1950.

Plate 6D. Sample card "T" with round transparent beads; Heinz Fitschek & Co., Steyr-Gleink, Austria, ca. 1970.



Geringfügige Tönungsabweichungen sind unvermeidlich. Für Verlassen bei starker Sonnenbestrahlung kann eine Haftung nicht übernommen werden.
SLIGHT DEVIATIONS IN THE TINT ARE UNAVOIDABLE



Plate 7A. Sample card "GWT" with opaque colored beads; Heinz Fitschek & Co., Steyr-Gleink, Austria, ca. 1970; 23.7 x 21 cm.

Plate 7C. Rocailles, Art. No. 1004, partially in matte colors, Ludwig Breit, Swäbisch-Gmünd, before 1957 (Dr. Klaus Breit, Wiesenthalhütte, Schwäbisch-Gmünd).

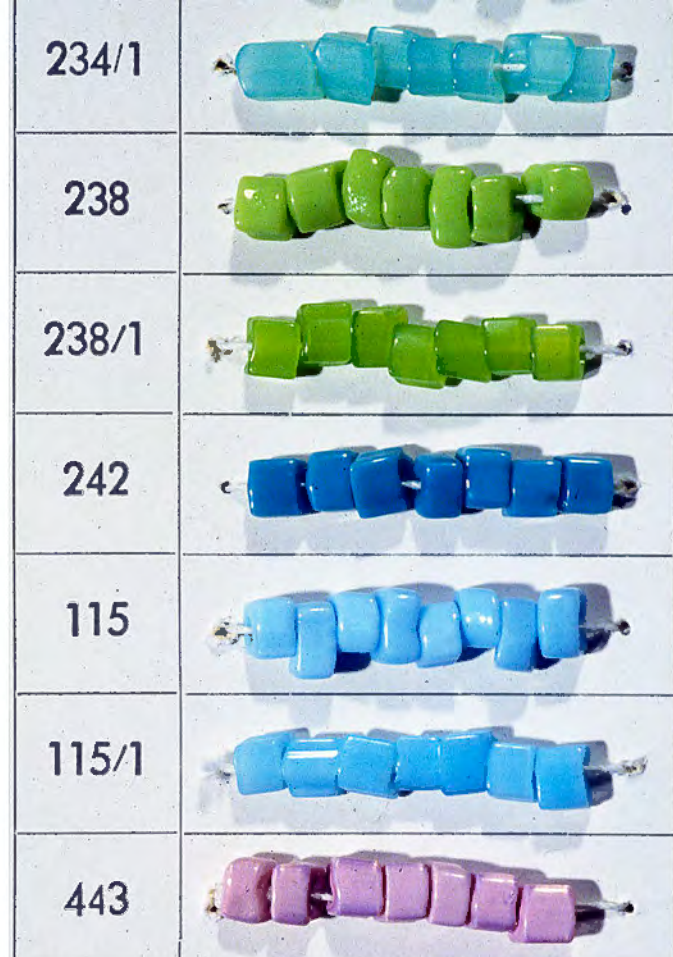
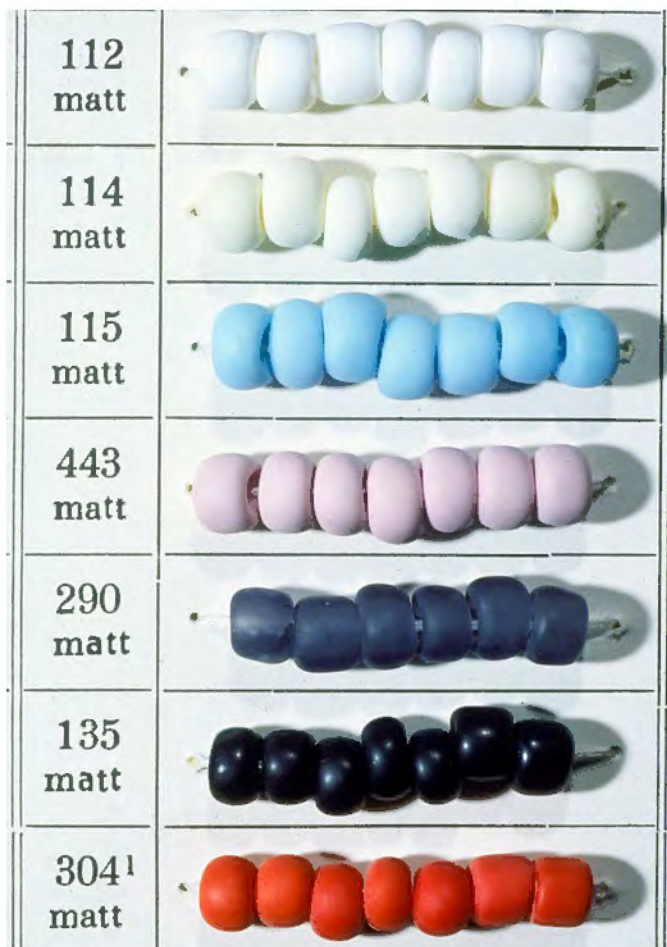


Plate 7B. "Cremettes, Art. No. 1018," Ludwig Breit, Wiesenthalhütte, Schwäbisch-Gmünd, after 1957 (Dr. Klaus Breit, Schwäbisch-Gmünd).

Plate 7D. Rods, Hessen Glasshouse, Oberursel, donated about 1975 by Erich Pracht (delivery warehouse) (Neugablonz Industry and Jewelry Museum, Kaufbeuren-Neugablonz).



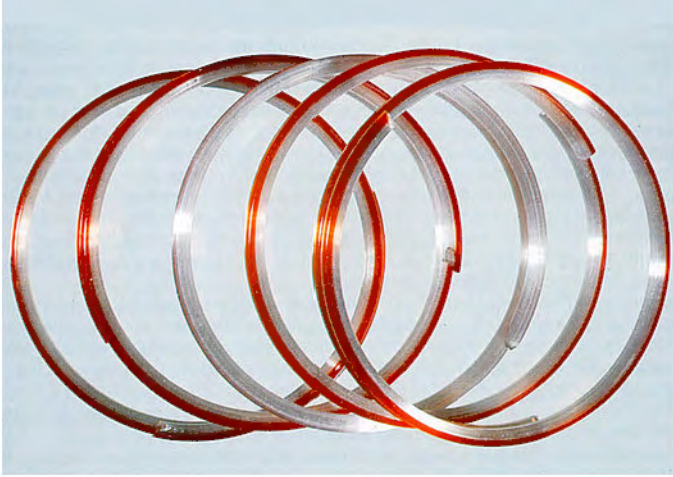


Plate 8A. Coiled rings. **Top:** diameter: 5.5 cm. **Bottom:** height: 5.4 cm (left), length 8.5 cm (right) (Gablonz Archive and Museum, Kaufbeuren-Neugablonz).

Plate 8C. Cross section of glass canes with net and filigree patterns, Dalmistro, Moravia & Co., Venice, before 1837; diameter: ca 7.0-9.0 mm (TMV, TH 11654).



Plate 8B. Bracelets, probably Bohemia. **Top:** pre-1839; diameter: 9.0 and 7.8 cm (TMV, TH 11813, 11811). **Bottom:** bangles, early 20th century; diameter: 5.5-6.2 cm (TMV).

Plate 8D. Glass canes ("composition glass for button pressing"), probably F. Unger, Liebenau, prior to 1837; length: 7.3-8.0 mm (TMV, probably TH 32836).





Plate 9A. Canes with twisted filigree patterns, Dalmistro, Moravia & Co., Venice, before 1837 (TMV, TH 11654).

Plate 9C. Top: Cross sections of glass canes with filigree and striped patterns; diameter: ca. 7.5-9.0 mm. **Bottom:** Glass canes with striped patterns; diameter: ca. 8.5-8.9 mm. Both: Dalmistro, Moravia & Co., Venice (TMV, TH 11654).

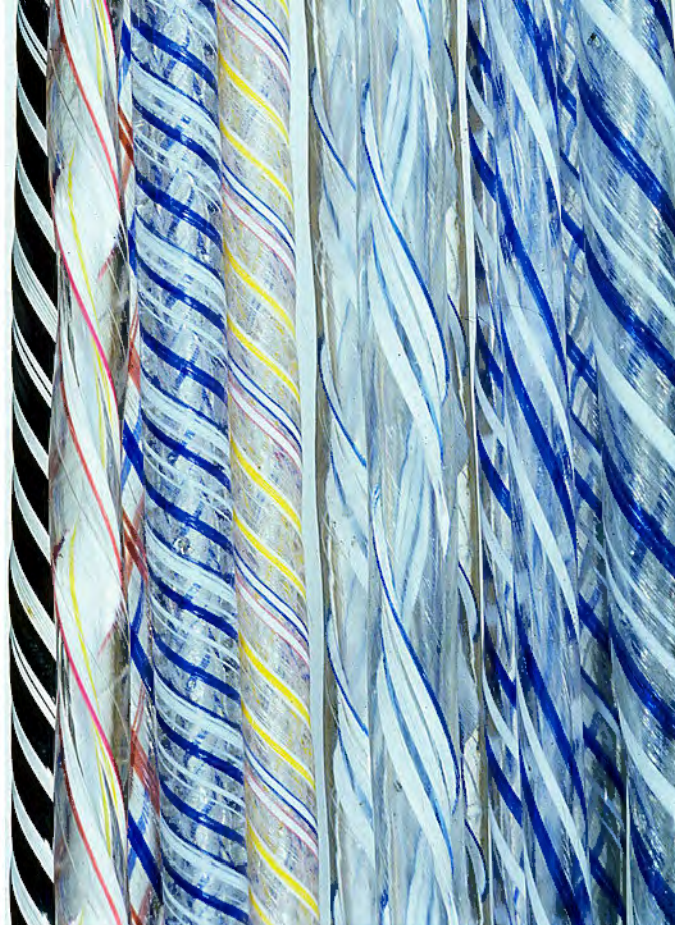


Plate 9B. Canes with twisted filigree patterns, Dalmistro, Moravia & Co., Venice, before 1839; diameter: ca. 7.4-13.4 mm (TMV, TH 32724, 32725, 32730).

Plate 9D. Glass canes with striped patterns, Dalmistro, Moravia & Co., Venice; diameter: ca. 7.5 mm (top), ca. 8.3 mm (bottom) (TMV, TH 11654).

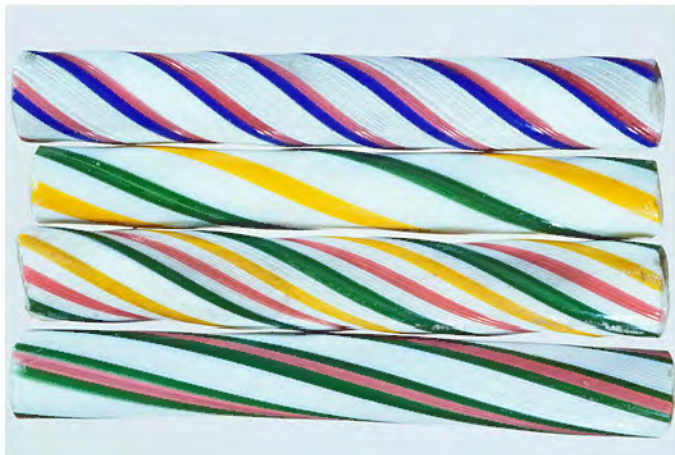
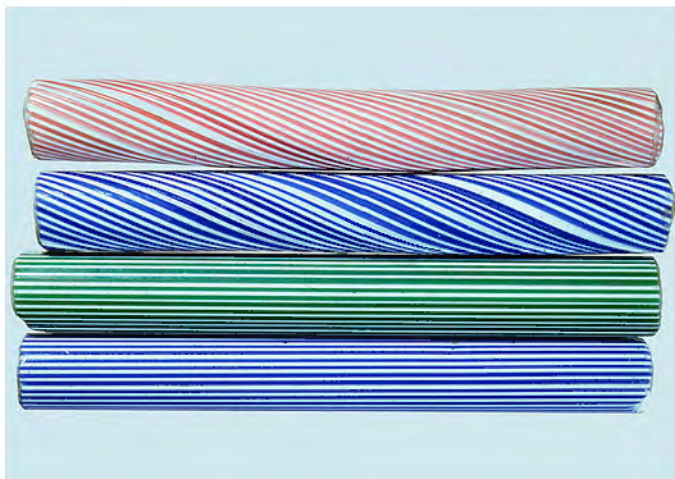




Plate 10A. Millefiori glass, Murano, modern production; length (right piece): ca. 22 mm (private collection, Vienna).

Plate 10C. Strands of drawn cut beads, 1864 (*Campioni di perle de vetro scanellate*); J. Bassano, privilege no. 14/454; height: ca. 12 cm (Austrian Patent Office, Vienna).

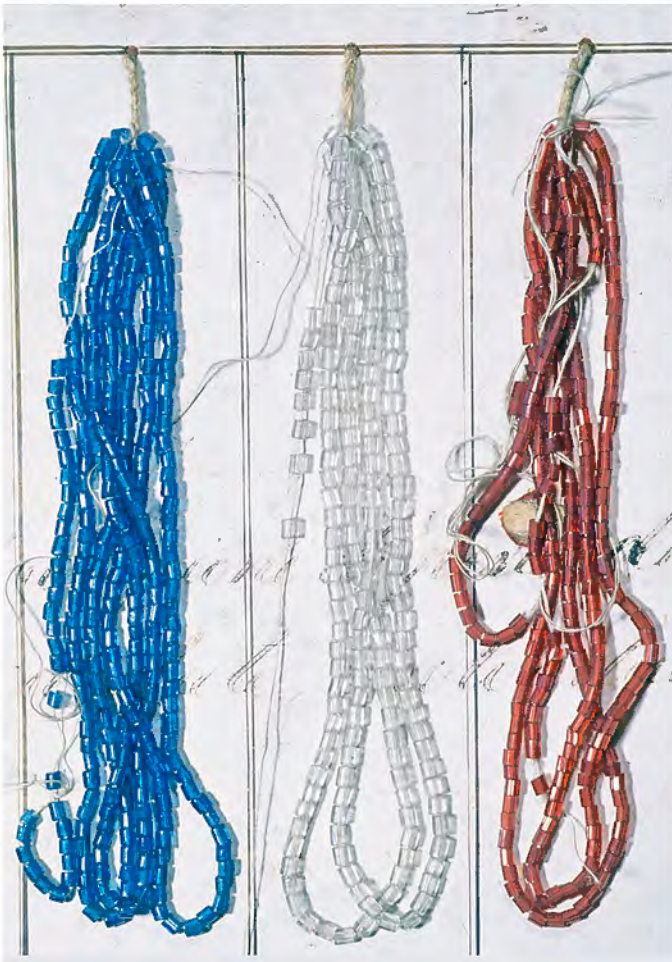


Plate 10B. “Metalized, heat-rounded, and cut” beads, 1878; Adolf Weiss, glass painter, Wiesenthal, privilege no. 28/1073; detail, height: ca. 6 cm (Austrian Patent Office, Vienna).

Plate 10D. Beaded pouch (“In Remembrance”), probably 2nd quarter 19th century; height: 15 cm (private collection, Vienna).





Plate 11A. Beaded purse with monogram BS (Barbara Schubert), probably 2nd quarter 19th century; diameter: 9.5 cm (private collection, Vienna).



Plate 11B. Two bookmarks made for Katharina Schuller, Vienna, about 1854; 5.5 x 16.8 cm and 5.8 x 17.2 cm (private collection).

Plate 11C. Bedroom whip, detail, probably 2nd quarter 19th century; diameter (middle): ca. 15 mm (private collection).



Plate 11D. Detail of a beaded pouch, probably 2nd quarter 19th century; red blossom: ca. 2.0 x 2.5 cm (private collection, Vienna).



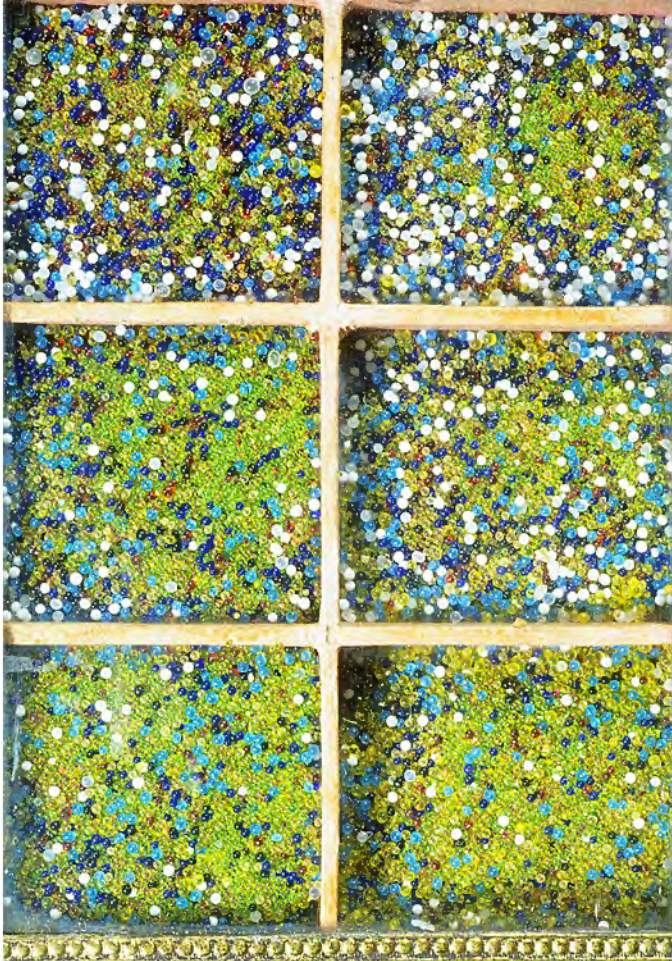


Plate 12A. Ballotini, Josef Riedel, Polaun, late 19th century; length of area shown: ca. 80 mm (TMV, TM 7690/21).

Plate 12C. Detail of a double eagle, rocailles and bugles, F. Unger, Liebenau, prior to 1845 (TMV, TH 34344).



Plate 12B. Woolen fabric with beads woven in, 1878, V.M. Demzak, privilege no. 28/950; length: 8.5 cm (Austrian Patent Office, Vienna).

Plate 12D. Detail of a bag from Katharina Schuller, Vienna, late 19th century, after a pattern from the Biedermeier period (print: Paterno, Vienna, mid-19th century) (private collection).

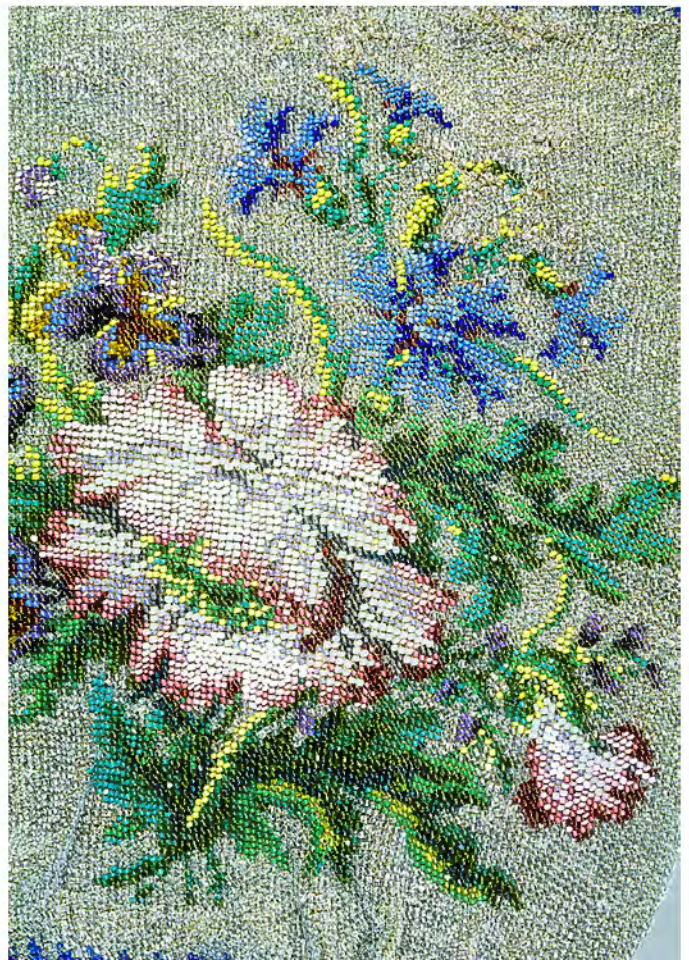




Plate 13A. Bead embroidery, 1870, Bruno Schneider, n.d., privilege no. 20/77; length (top): 9.0 cm (Austrian Patent Office, Vienna).



Plate 13B. Embroidery beads, “smallest category,” Venice, prior to 1818; diameter: 0.8-1.0 mm (TMV, TH 11425-11534).

Plate 13C. Beaded pouch, design probably from the Wiener Werkstätte, ca. 1918-1920; height: ca. 21.5 cm (private collection, Vienna).



Plate 13D. Beaded watchband, design by Dagobert Peché (Wiener Werkstätte), made 1919-1920; width: 20 mm, total length: 94 cm (private collection, Vienna).





Plate 14A. Beaded bag with a pendulous pattern, probably around 1920-1930; height (with frame): 18 cm (private collection, Vienna).



Plate 14B. Detail of a beaded bag, probably around 1910, design (recorded): Otto Prutscher; height (whole bag): 25.5 cm; lozenge width: 7.2 cm (private collection, Vienna).

Plate 14C. Round beads and bugles, probably Riedel, Austria, after 1950 (Gablonz Archive and Museum, Kaufbeuren-Neugablonz).



Plate 14D. Necklace made of modern Riedel beads, 1992; length: 44 cm (private collection, Vienna).



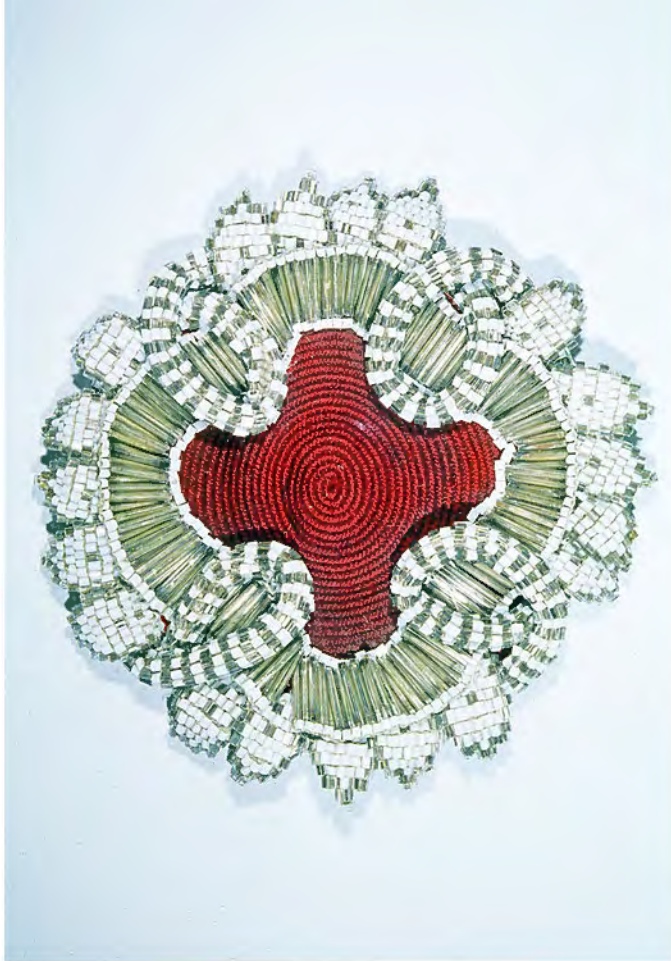


Plate 15A. Coaster of “Bohemian beads” and tubes, probably early 20th century; diameter: ca. 27.5 cm (private collection, Vienna).



Plate 15B. Detail of a beaded collar, probably early 20th century; height (detail): ca. 23 cm (private collection, Vienna).

Plate 15C. Hat ornament with mounted glass stones, early 20th century; height: 10.4 cm (private collection, Vienna).



Plate 15D. Glass stones, wound and mold pressed, 1994, Alfred Mantel, Mauerstetten-Steinhof (Germany); size (stone top right): 40.5 x 30.5 mm.





Plate 16A. Beaded bag, probably around 1910-1912; height: 20 cm (private collection, Vienna).



Plate 16B. Beaded bag, probably around 1910-1912; width: 20 cm (private collection, Vienna).

Plate 16C. Set of necklace, earrings, and bracelet, J. Fitschek & Co., Steyr-Gleink, made for the Montreal World's Fair, 1967; ca. 28 x 22 cm.



Plate 16D. Cross sections of round and polygonal canes, including overlaid glass, probably Bohemia, 2nd quarter 19th century (TMV, probably TH 32842).





Plate 17A. Round and polygonal canes, including overlaid glass, probably Bohemia, 2nd quarter 19th century; diameter (top center): 7.1 mm (TMV, probably TH 32842).

Plate 17C. Raw, broken-off beads before cutting, probably Bohemia, 2nd quarter 19th century; width (yellow bead, measured from edge to edge): 6.45 mm (TMV, probably TH 32842).



Plate 17B. Work stages for grinding (cutting) beads, topaz-colored glass (6-sided) and crystal glass (round); diameter (cane upper left): ca. 7.6 mm (TMV, probably TH 32842).

Plate 17D. Cut beads before polishing, probably Bohemia, 2nd quarter 19th century; width (dark blue bead, measured from edge to edge): 6.7 mm (TMV, probably TH 32842).





Plate 18A. Cut and polished beads, probably Bohemia, 2nd quarter 19th century; width (green bead, measured from edge to edge): 5.0 mm (TMV, probably TH 32842).

Plate 18C. Cut beads with painted golden stars, H. Göble, Gablonz, before 1837; diameter (green bead): ca. 8.6 mm (TMV, TH 11401-11402).



Plate 18B. Necklace beads with different types of cuts, probably H. Göble, Gablonz, before 1837; diameter (central bead): 21 mm (TMV, TH 11365).

Plate 18D. Stages of working an elongated bead from the sectioned row to the tumbled and polished bead, Heinz Kleinert, Neugablonz, ca. 1977 (Gablonz Archive and Museum).





Plate 19A. “Squeezed” beads with rough edges prior to trimming the flash, probably Gablonz, 2nd quarter 19th century; length (elongated blue bead, lower right): ca. 16 mm (TMV).

Plate 19C. “Shell-Beads,” Redlhammer Brothers, Gablonz, early 20th century, detail of Plate 32D; length (bead): 9.2 mm.



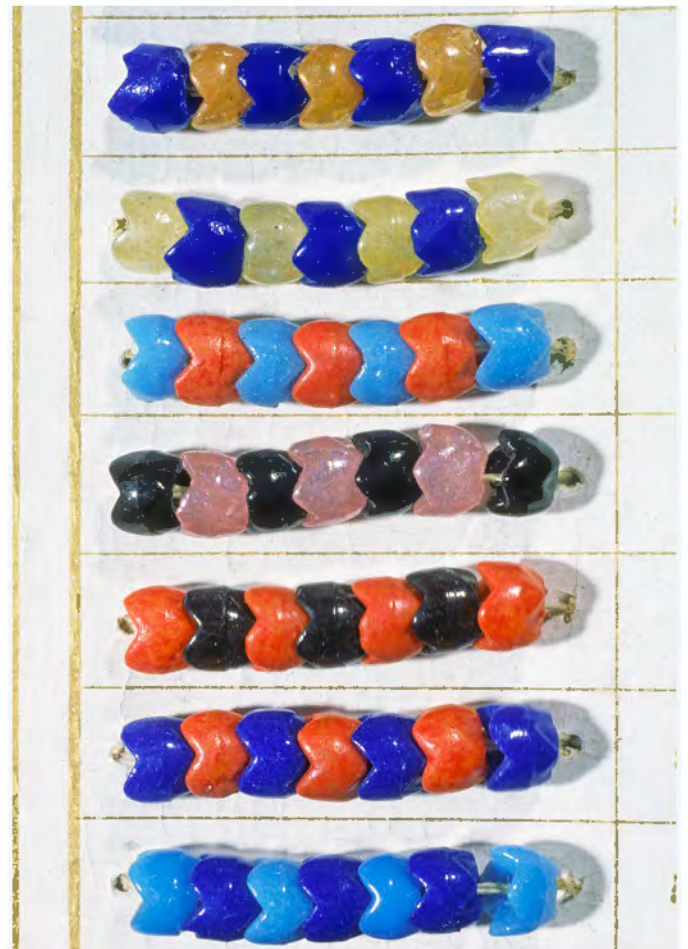
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Plate 19B. “Squeezed,” semi-finished items (beads, drops, and stones) with the flash not yet removed, F. Unger, Liebenau, before 1837 (TMV, probably TH 32839).

Plate 19D. Beads (Article No. 3049), Redlhammer Brothers, early 20th century, detail of Plate 34C; diameter (beads): 5.5-5.8 mm.



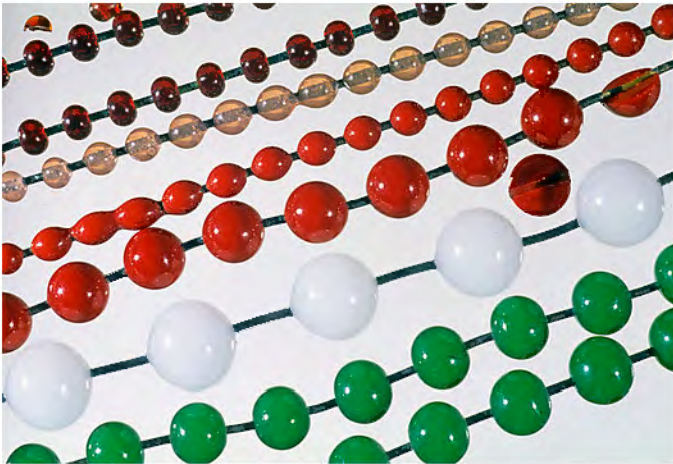


Plate 20A. Top: Crumb beads probably Venice, early 19th century; diameter (left): 16.2 mm (TMV). **Bottom:** Wound beads (using a winding device), Ilse Kratzmann Company, Enns (Upper Austria).

Plate 20B. Wound beads. Top: Probably Venice, early 19th century; length (upper right): 25.3 mm (TMV). **Bottom:** 1994, Alfred Mantel, Mauerstetten-Steinholz (Germany); diameter (upper right): 13.8 mm.

Plate 20C. Hollow glass beads (nos. 1-19), Bohemia or Vienna, probably 2nd quarter 19th century; row width 9.5 cm (TMV, TH 11424).

Plate 20D. Top: Canes and tubes, probably Austria, pre-1818 (TMV, TH 32142-32144). **Bottom:** Interior coloring of a fruit bead, probably Anton Schwefel, Vienna, 2nd quarter 19th century (TMV).

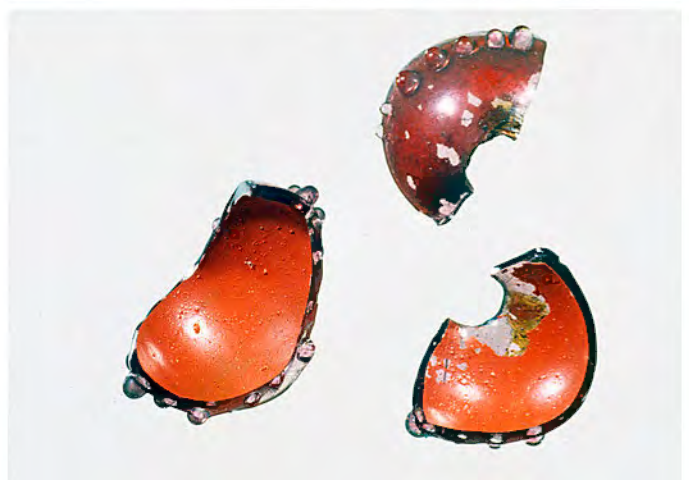
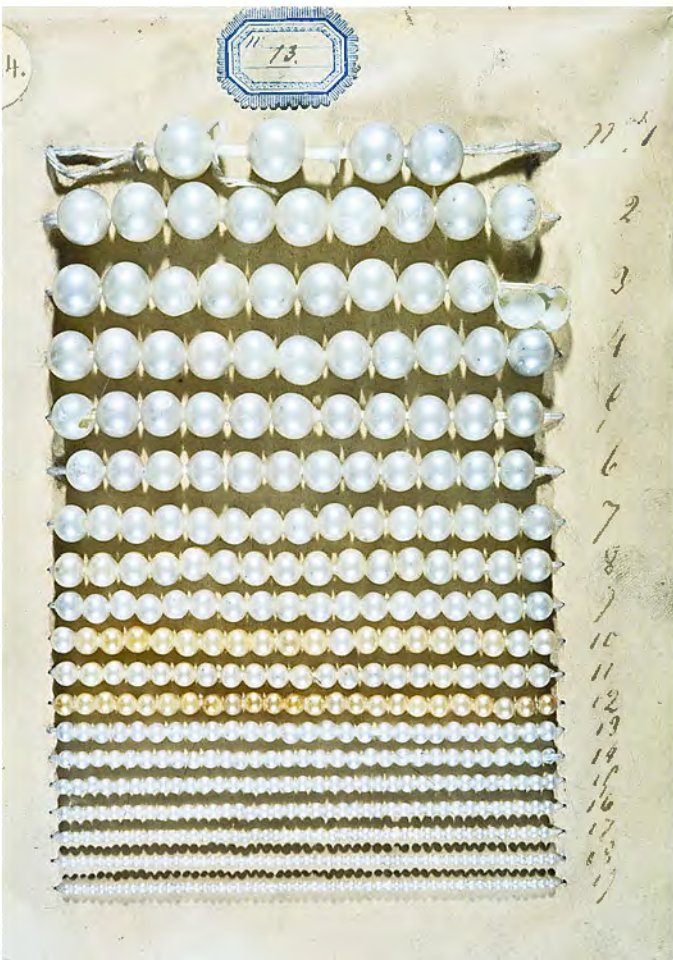




Plate 21A. Top: Christmas ornaments of hollow glass beads, probably Gablonz, ca. 1920 (private collection, Vienna). **Bottom:** Hollow glass beads (mold blown); length (top): 8.0 cm (Gablonz Archive and Museum, Kaufbeuren-Neugablonz; also Plate 21C).

Plate 21C. Necklace of ribbed glass beads lined with silver, probably Gablonz, early 20th century; total length: ca. 50 cm.



Plate 21B. Necklace of hollow glass beads, metalized on the interior, Anton Schwefel, Vienna, 1829; length (smooth elongated bead): ca. 16.4 mm (TMV, TH 32908).

Plate 21D. Colored glass beads with gilt painting, H. Göble, Gablonz, before 1837; diameter (central bead): ca. 17.8 mm (TMV, TH 11396).





Plate 22A. Melon beads; diameter: 10.5-11.0 mm (TH 32754). All objects on this page by H. Göble, Gablonz, before 1837.



Plate 22B. Necklaces of "hollow, twisted, elongated" beads (the red bead is lined); length (green bead): 10.5 mm (TMV, TH 11375, 11376).

Plate 22C. Faceted hollow glass beads (the red bead is lined) with aventurine stripes ("gold sand stripes"); diameter: 9.0-9.5 mm (TMV, TH 11405).

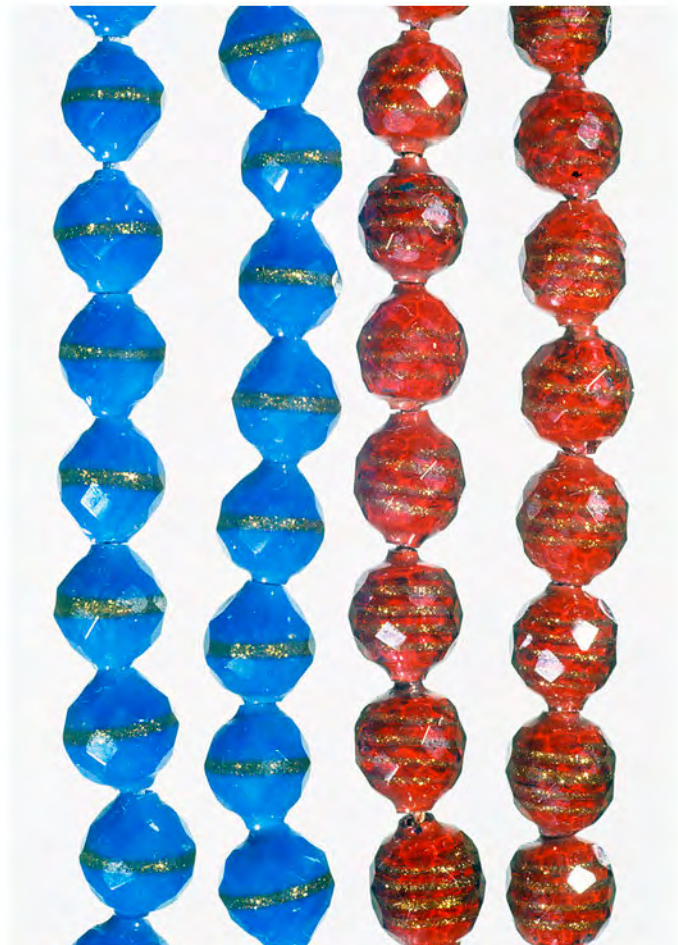


Plate 22D. Elongated, hollow, satin-glass beads grooved on the exterior ("with two bulges in the middle"), faceted solid beads in between; length (elongated bead): 15 mm (TMV, TH 11377).



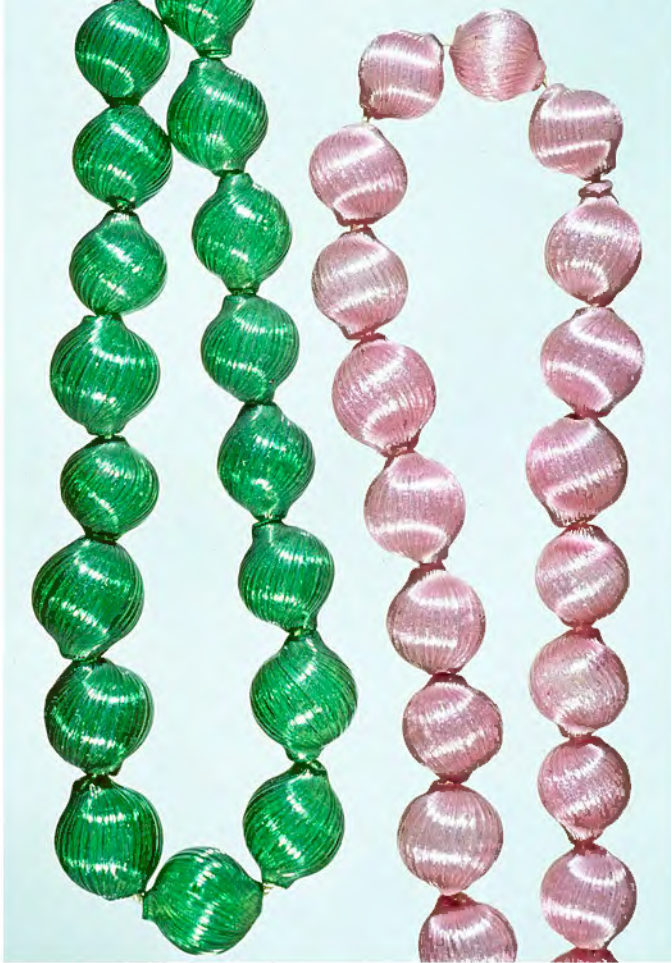


Plate 23A. Hollow satin-glass beads in green and pink, grooved on the exterior; diameter: 11.3-12.0 mm (TMV, TH 11387). All objects on this page by H. Göble, Gablonz, before 1837.

Plate 23C. “Wrapped” hollow glass beads in pink and pale blue; diameter: ca. 11.0-12.0 mm (TH 11391).

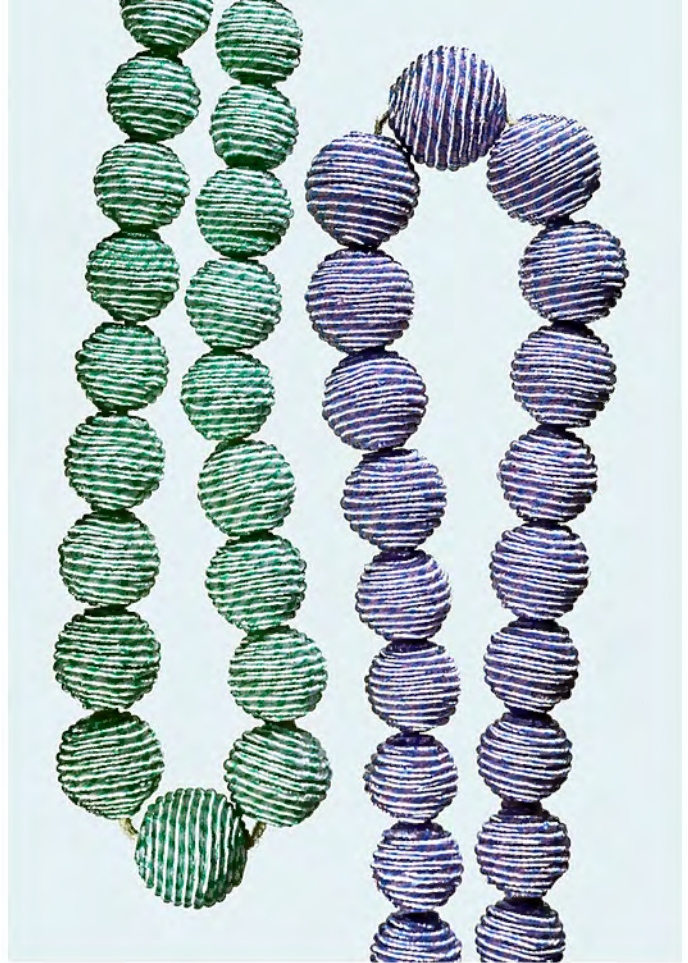
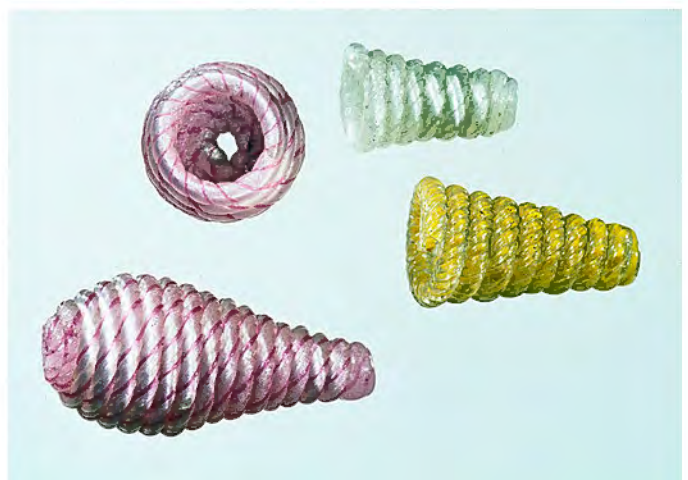
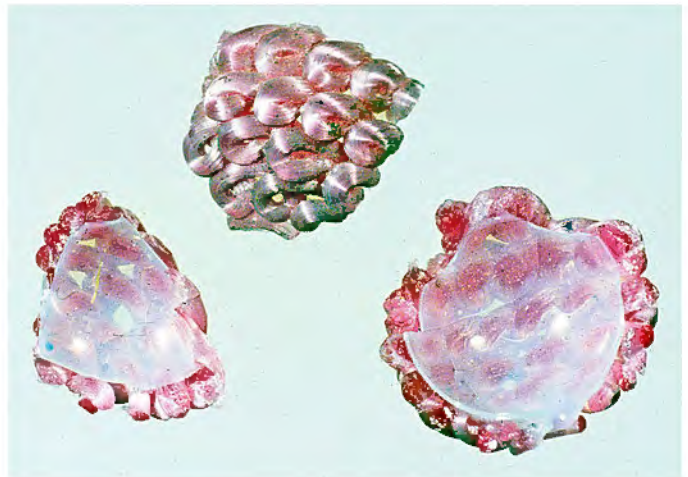


Plate 23B. “Wrapped,” mottled, hollow glass beads in green (no. 409) and mottled pink and blue (no. 408) (TMV, TH 11373).

Plate 23D. Top: Pink glass wrapped over an opal-colored hollow bead; diameter: ca. 11.0 mm (TMV, TH 113991). **Bottom:** Mottled tear-drop shape; length (bottom left): 23.8 mm (probably TH 32841).



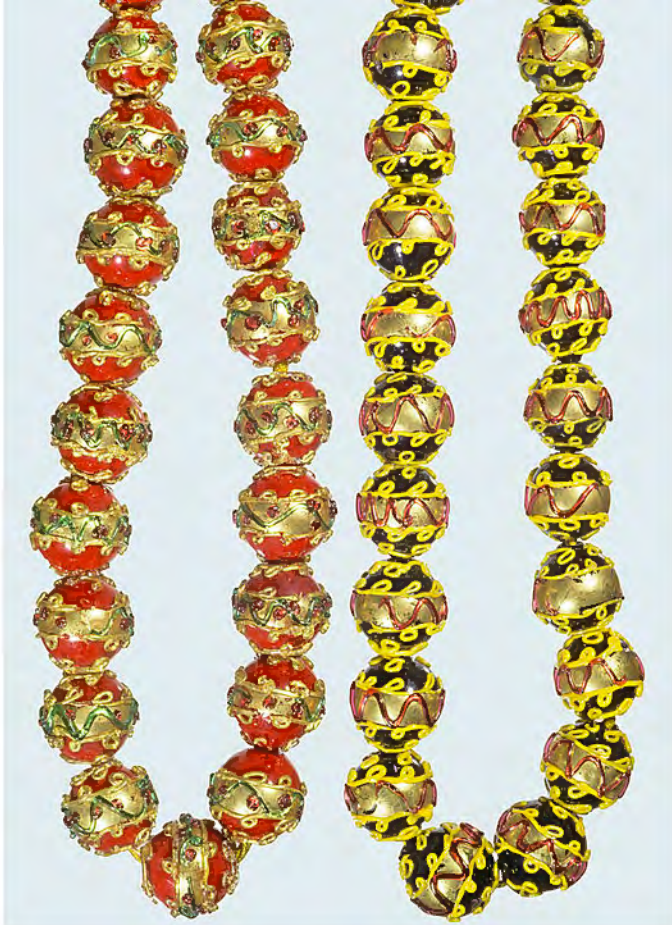


Plate 24A. Hollow glass beads with trailed decoration (the red beads are color lined); H. Göble, Gablonz, before 1837; diameter: ca. 13.5 mm (TMV, TH 11390).

Plate 24C. Necklace of smooth, round, and lavishly decorated, hollow, gilt-glass beads; probably Venice, 16th or 17th century (ÖMAK, KHM 335; former Ambras Collection).



Plate 24B. Copper-colored round and faceted, hollow glass beads, some with white stripes; yellow glass with a metal lining; H. Göble, Gablonz, before 1837; diameter ca. 12.0-13.0 mm (TMV, TH 11393).

Plate 24D. Neck ornament of large oval and elongated wound glass beads, small cut beads, and rocailles; probably early 20th century; height (as shown): ca. 21.5 cm (private collection).



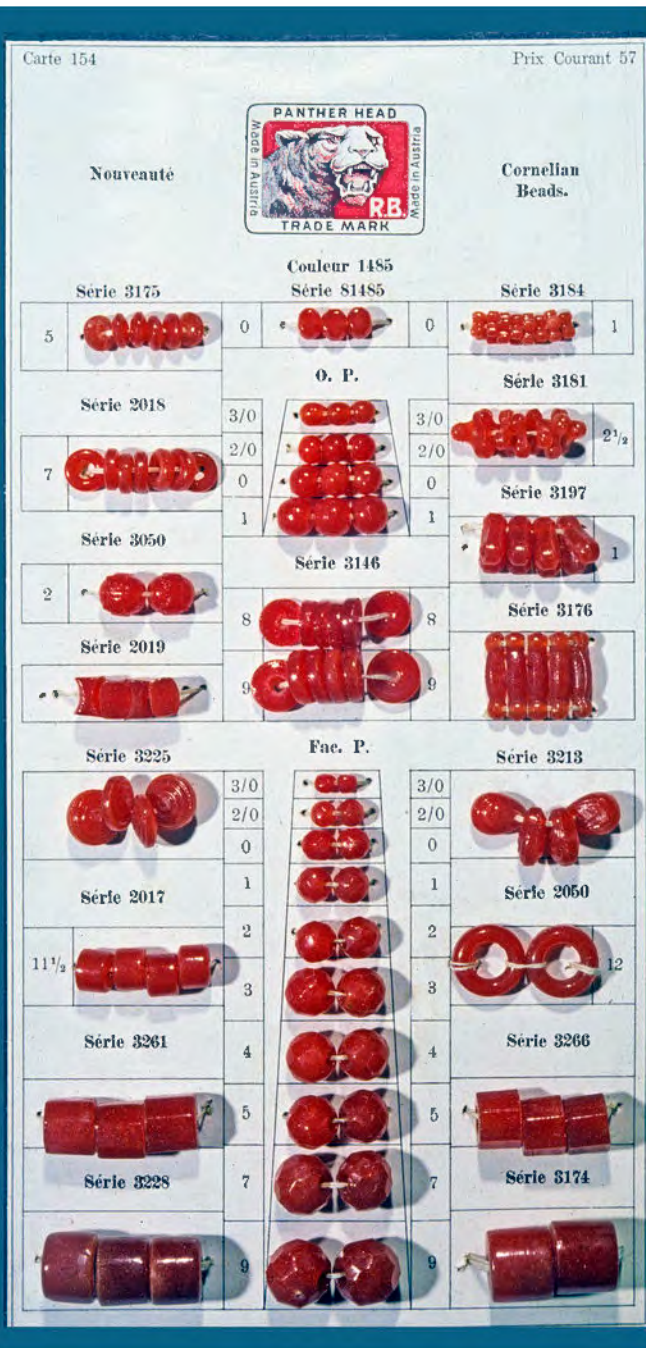


Plate 25A. Redlhammer Brothers, card 154 (*Nouveauté - Cornelian Beads*), 22.6 x 11.4 cm; diameter (0-bead "O.P."): ca. 5.5 mm (TMV 2135, XIII [1913]).

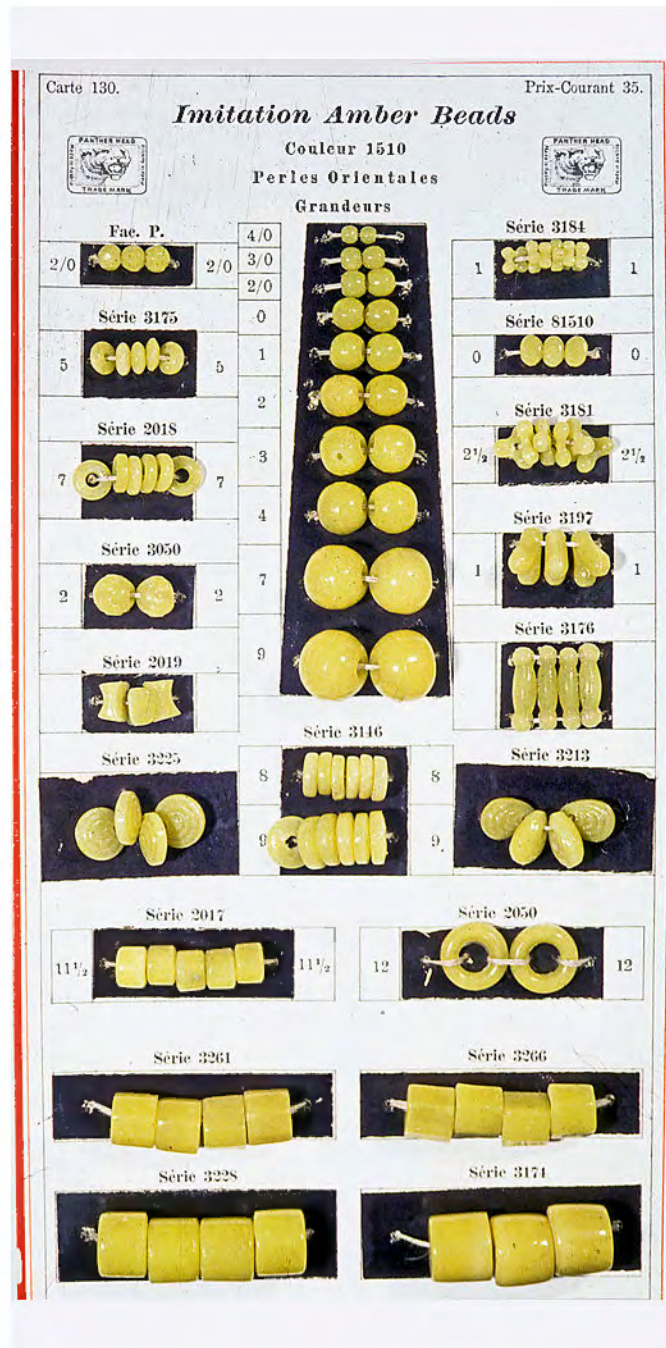


Plate 25B. Redlhammer Brothers, card 130 (*Imitation Amber Beads, Perles Orientales*), 23.4 x 12.1 cm; diameter (0-bead, round): 5.8-5.9 mm (TMV 2135, XIII [1913]).

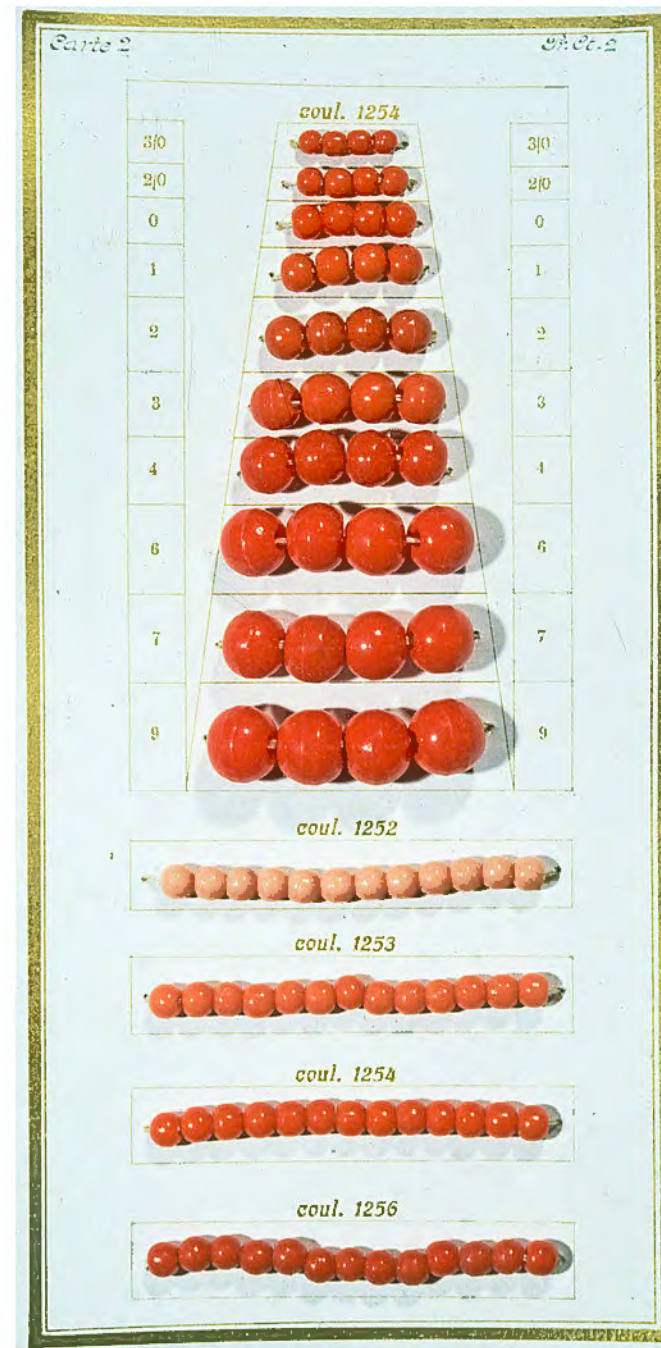


Plate 25C. Redlhammer Brothers, card 2, 22.7 x 11.4 cm; diameter (0-bead): 5.8-5.9 mm (TMV 2135, XIII [1913]).



Plate 26A. Redlhammer Brothers, card 1 (*Perles Orientales*), 22.9 x 11.5 cm; diameter (0-bead): 6 mm (TMV 2135, XIII [1913]).

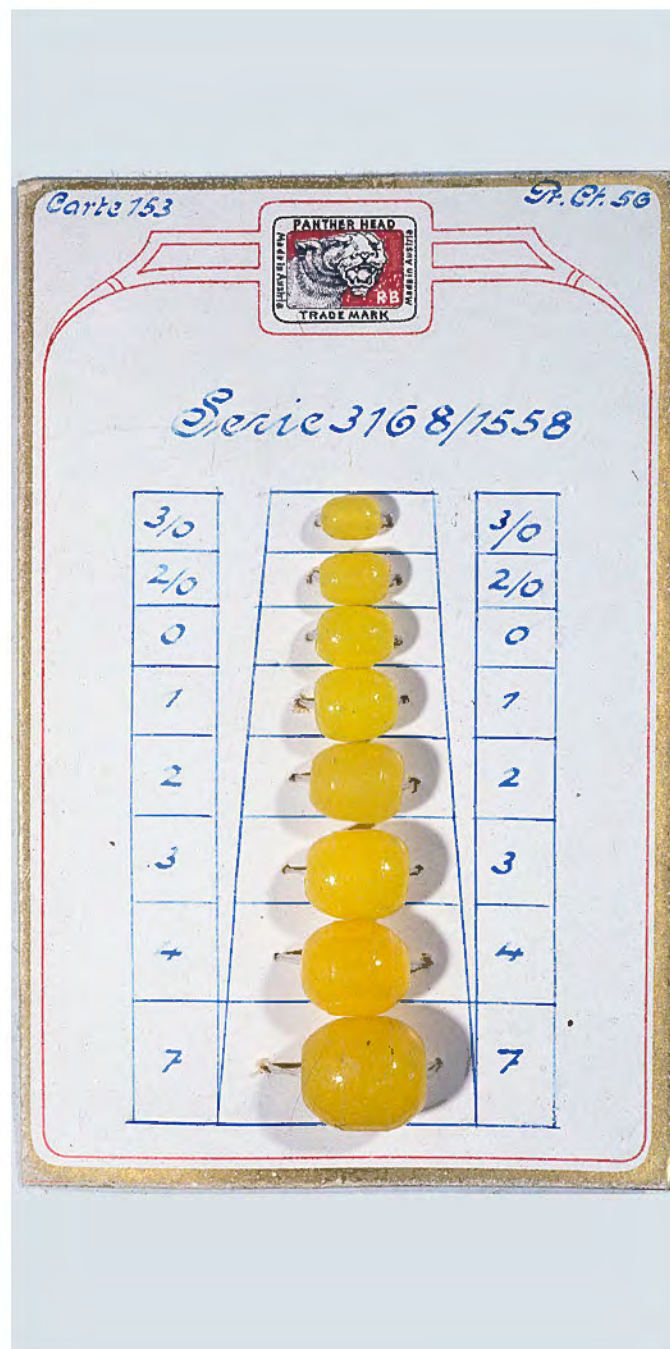


Plate 26B. Redlhammer Brothers, card 153 (Serie 3168/ 1558), 10.1 x 6.6 cm; diameter (0-bead): ca. 6.0 x 7.8 mm (TMV 2135, XIII [1913]).

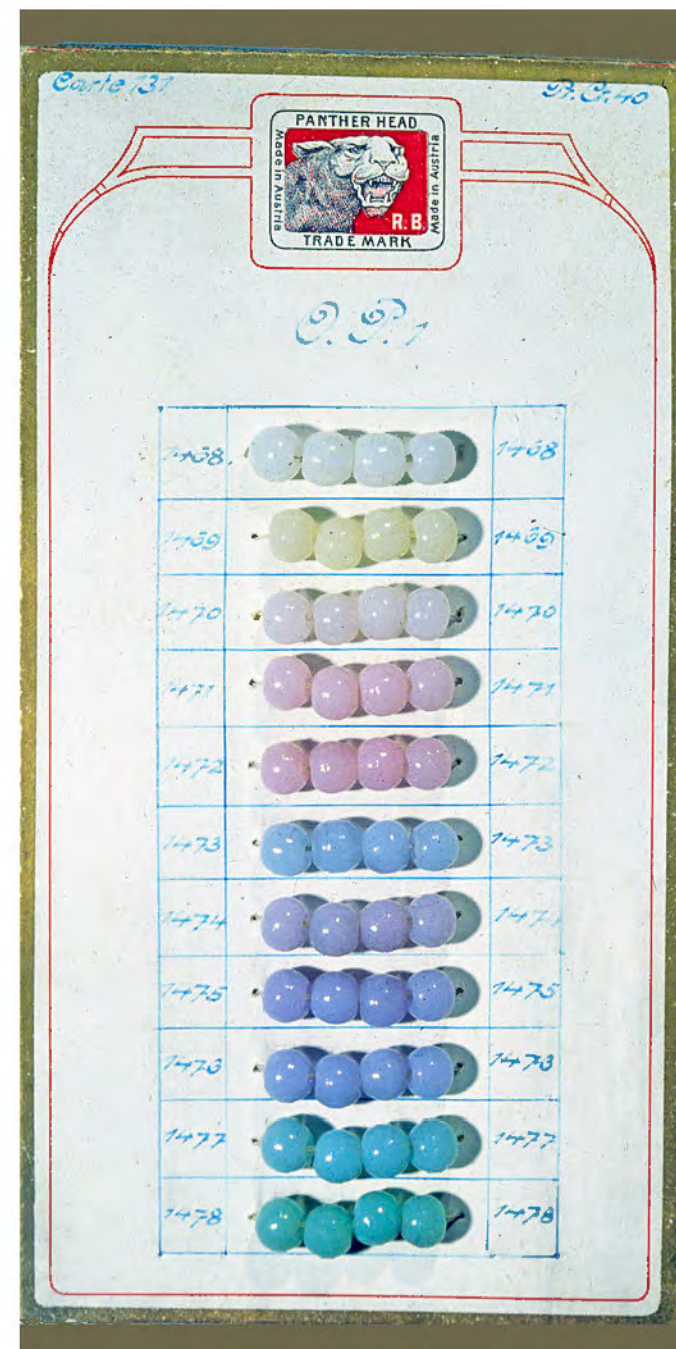


Plate 26C. Redlhammer Brothers, card 131 (O.P.1), 16.4 x 8.8 cm; diameter: ca. 6.8-7.0 mm (TMV 2135, XIII [1913]).

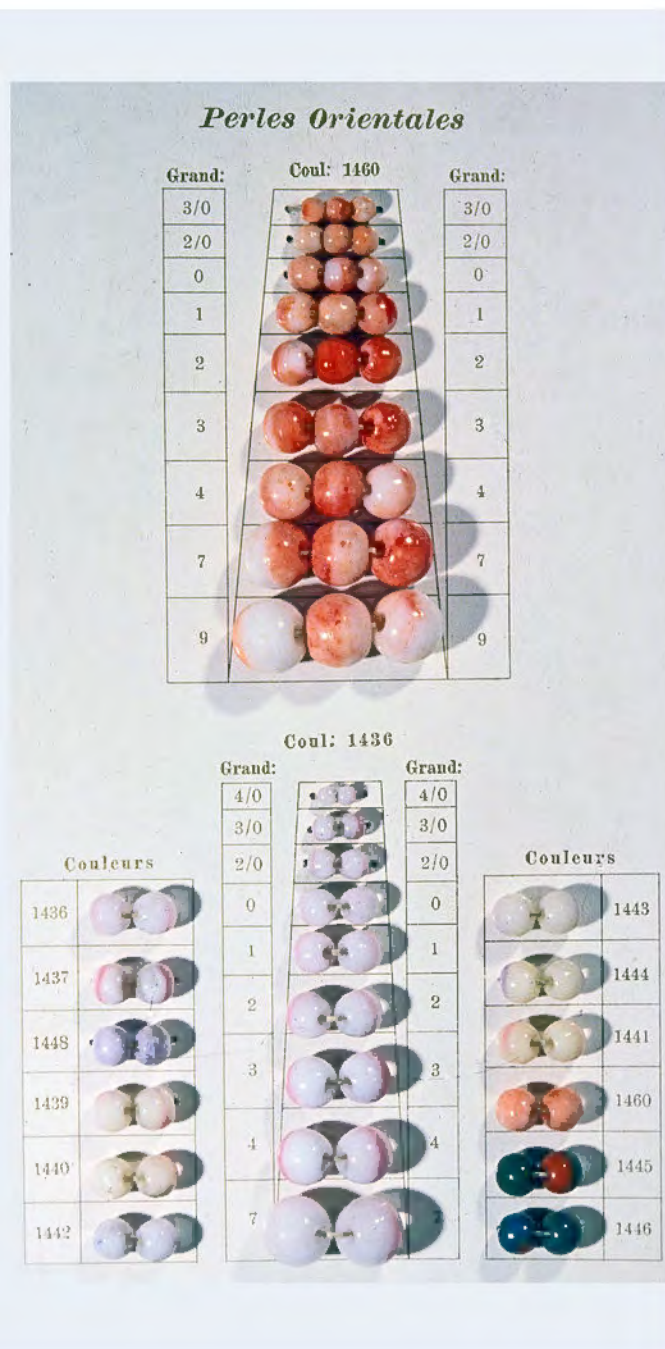


Plate 27A. Redlhammer Brothers, card 141 (*Perles Orientales*), 23.1 x 11.8 cm; diameter (0-bead): ca. 6 mm (TMV 2135, XIII [1913]).

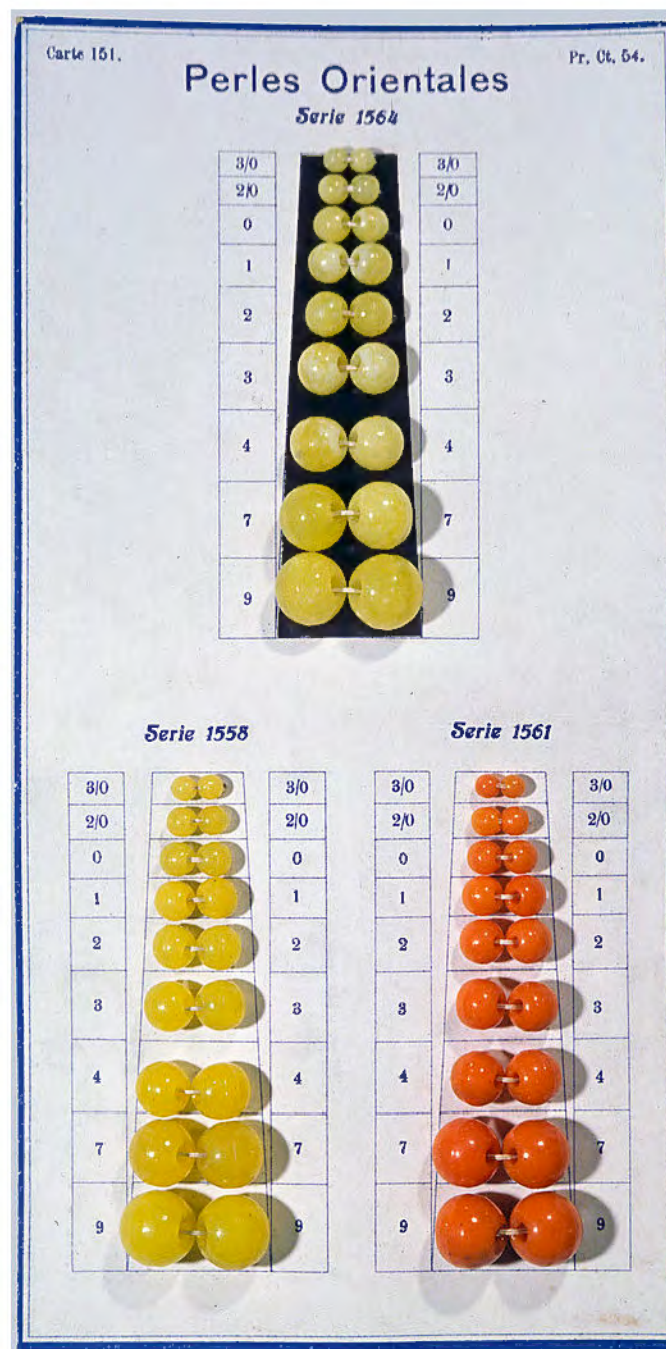


Plate 27B. Redlhammer Brothers, card 151 (*Perles Orientales*), 22.7 x 11.3 cm; diameter (0-bead): ca. 6.0 mm (TMV 2135, XIII [1913]).



Plate 27C. Redlhammer Brothers, card 110 (*Perles a facettes*), 22.6 x 11.3 cm; diameter: 5.5-5.6 mm (TMV 2135, XIII [1913]).



Plate 28A. Redlhammer Brothers, card 107 (*Nouveautés, Série: 3050*), 22.6 x 11.3 cm; diameter (0-bead): 5.5 mm (TMV 2135, XIII [1913]).



Plate 28B. Detail of Plate 28A; diameter: 7.0-7.6 mm.



Plate 28C. Redlhammer Brothers, card 124 (*Rocailles*), 22.9 x 11.7 cm; diameter (bead no. 10): 6.1-6.2 mm (TMV 2135, XIII [1913]).

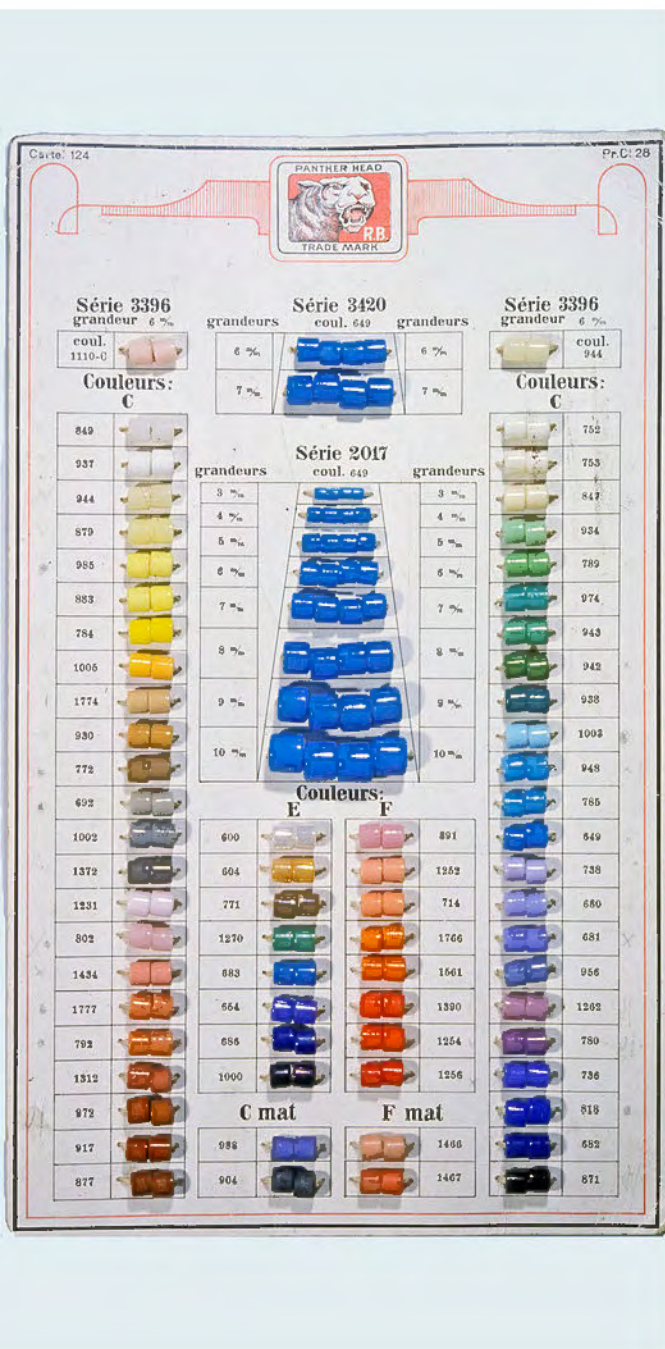


Plate 29A. Redlhammer Brothers, card 124 (*Nouveautés, Série:* 3396, 3420, 2017), 27.3 x 16.3 cm; diameter (0-bead): 5.5 mm. (Gablonz Archive and Museum, Kaufbeuren-Neugablonz).



Plate 29B. Redlhammer Brothers, card 4 (Caffree-Beads), 22.7 x 11.4 cm; diameter (green bead, top left): 12.2 mm (TMV 2135, XIII [1913]).

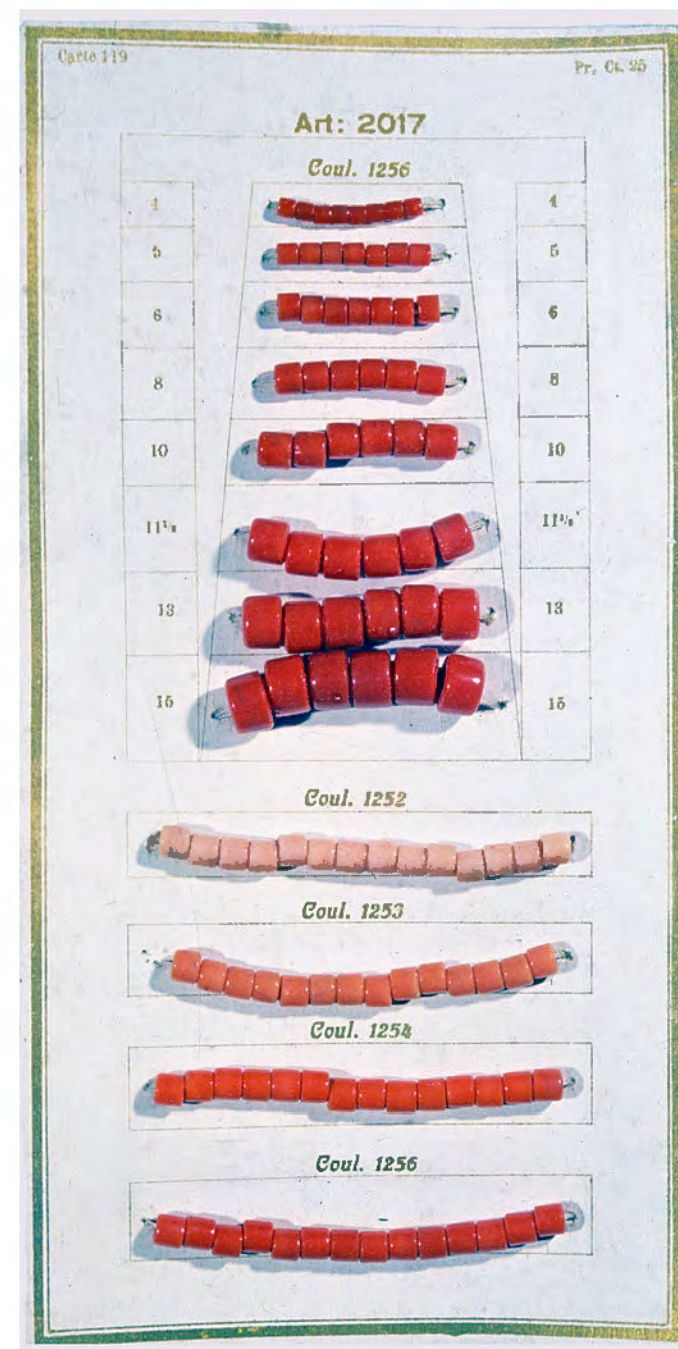


Plate 29C. Redlhammer Brothers, card 119 (Art. 2017), 22.7 x 11.6 cm; diameter (bead no. 10): 6.2-6.3 mm (TMV 2135, XIII [1913]).

Nouveauté

Art: 3181
Grandeurs

Coul. 602		
1		1
2		2
2½		2½
3		3

Couleurs		
604		948
883		649
891		736
934		682
877		976
917		871
Registered.	Ges. geschützt.	Déposé.

Plate 30A. Redlhammer Brothers, card 134 (*Nouveauté*, Art. 3181), 22.7 x 11.6 cm; diameter (bead no. 2): 6.5-6.6 mm (TMV 2135, XIII [1913]).

Couleurs		
604		948
883		649
891		736
934		682
877		976
917		871
Registered.	Ges. geschützt.	Déposé.

Plate 30B. Detail of Plate 30A; height (central component): 82 mm.

Article No. 3051

Grandeurs

Couleur 604		
2/0		2/0
0		0
1		1
3		3

Couleurs		
600		891
603		649
849		736
877		682
883		602
871		894

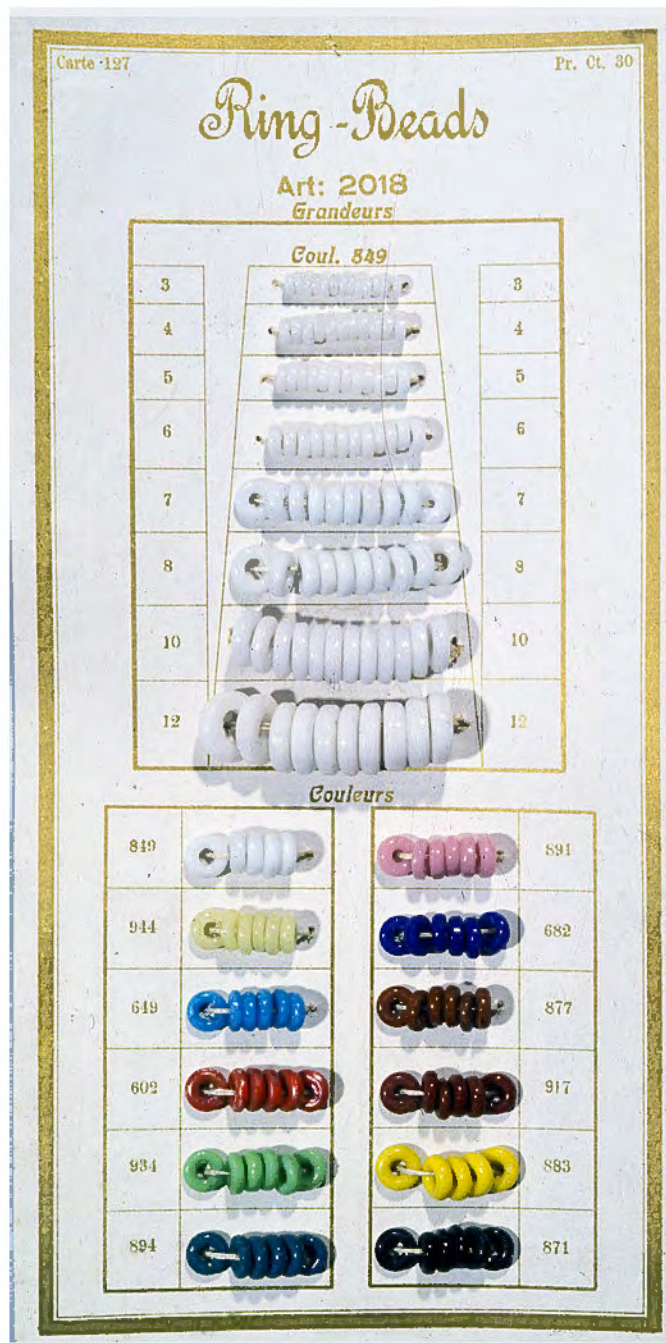
Plate 30C. Redlhammer Brothers, card 123 (Art. 3051), 22.6 x 11.3 cm; diameter (0-bead): 5.6-5.8 mm (TMV 2135, XIII [1913]).



Couleurs

8600		8847	
8603		8879	
8662		8891	
8663		8649	
8652		8736	
8654		8682	
8877		8894	
8602		8871	

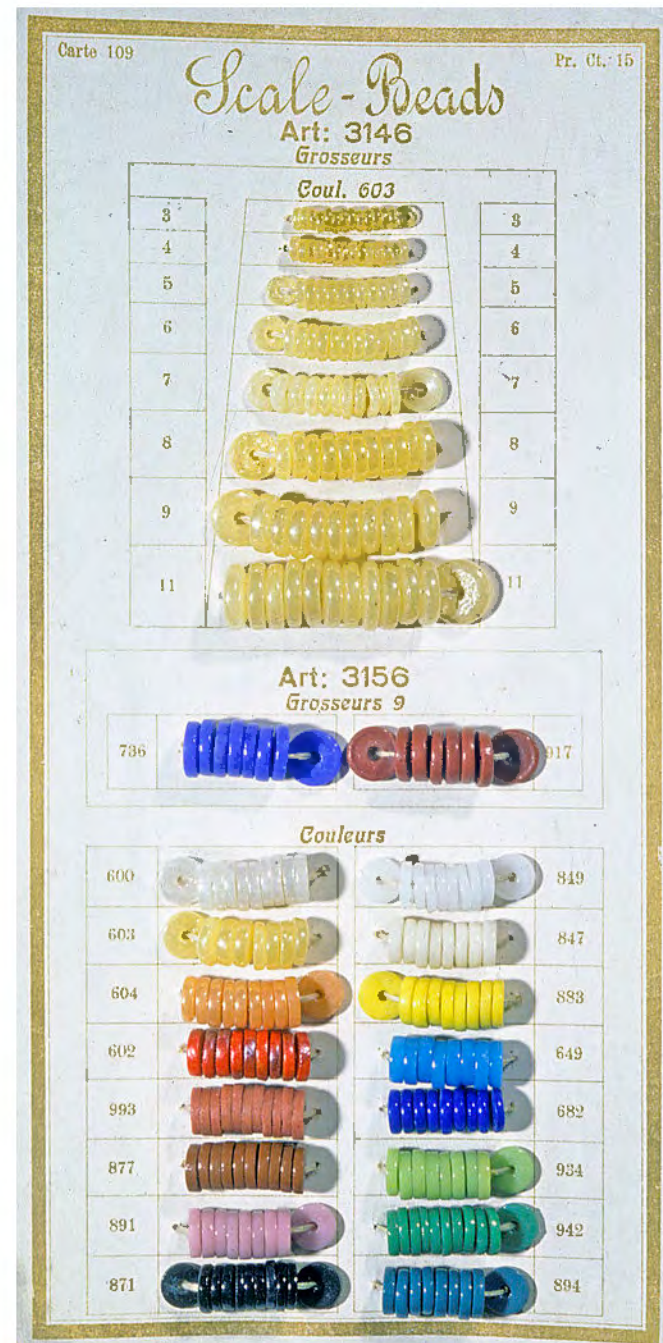
Plate 31A. Redlhamer Brothers, card 21 (*Perles platées*, Serie 8604), 22.8 x 11.6 cm; diameter (0-bead): 5.4 x 4.4 mm (TMV 2135, XIII [1913]).



Couleurs

849		891	
944		682	
649		877	
602		917	
934		883	
894		871	

Plate 31B. Redlhamer Brothers, card 127 (Ring-Beads, Art. 2018), 22.6 x 11.5 cm; diameter (bead no. 10): 9.7-9.9 mm (TMV 2135, XIII [1913]).



Couleurs

600		849	
603		847	
604		883	
602		649	
993		682	
877		934	
891		942	
871		894	

Plate 31C. Redlhamer Brothers, card 109 (Scale-Beads, Art. 3146, 3156), 22.6 x 11.3 cm; diameter (bead no. 11): 11.0 mm (TMV 2135, XIII [1913]).



Plate 32A. Redlhammer Brothers, card 118 (Art. No. 2050), 22.5 x 11.4 cm; diameter (bead no. 10): 9.5 mm (TMV 2135, XIII [1913]).



Plate 32B. Redlhammer Brothers, card 19 (*Nouveauté*), 22.5 x 11.4 cm; diameter (bead no. 1): 19.0 mm (TMV 2135, XIII [1913]).

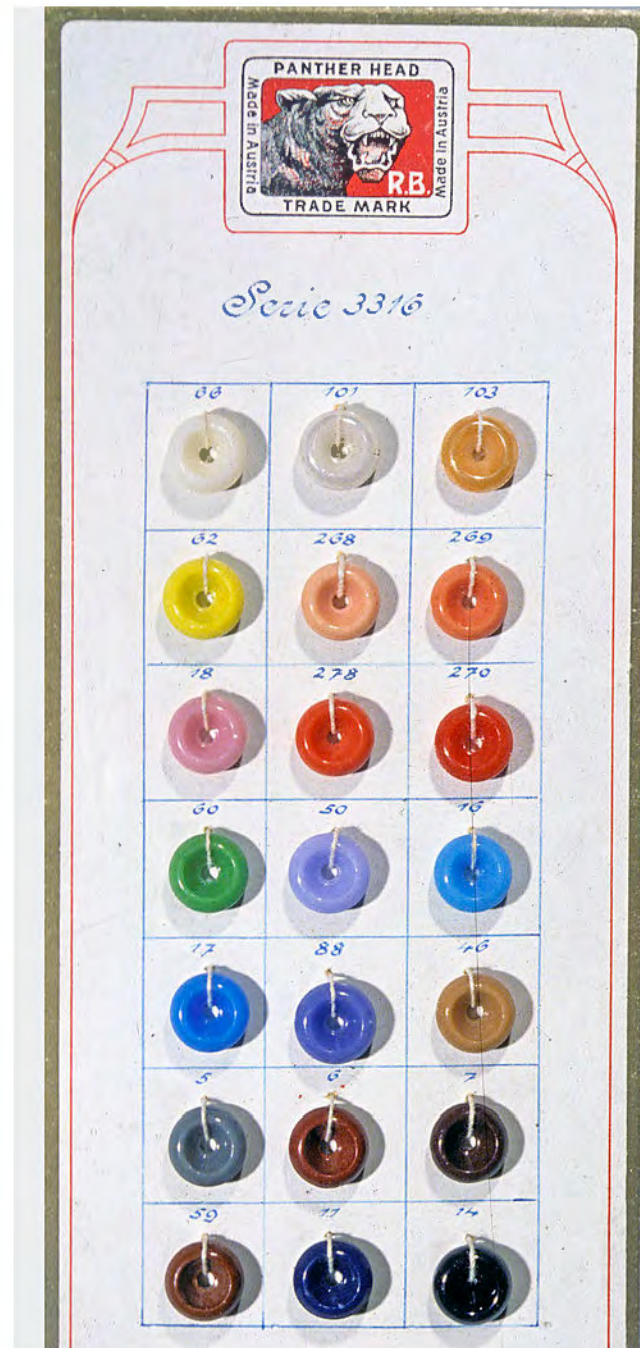


Plate 32C. Redlhammer Brothers (*Serie 3316*), 21.0 x 9.0 cm; diameter: 11.5-12.0 mm (TMV 2135, XIII [1913]).

Grandeurs

Coul. 604

4		4
5		5
7		7
9		9
10		10

Couleurs

600			849
603			847
604			879
602			883
934			891
942			649
895			681
993			736
877			682
917			871

Plate 33A. Redlhammer Brothers, card 133 (*Nouveauté*, Art. 3175), 22.6 x 11.1 cm; diameter (bead no. 10): 10.0 mm (TMV 2135, XIII [1913]).

Carte 140 Pr. Ct. 43

Nouveautés

Art: 3206



Art: 3208



Couleurs

600			934
603			942
604			948
602			649
654			736
686			682
879			877
883			917
891			871

Gesetzlich geschützt.

Registered.

Plate 33B. Redlhammer Brothers, card 140 (*Nouveautés*, Art. 3206, 3208), 22.4 x 11.5 cm; diameter (top beads): 8.4 mm (TMV 2135, XIII [1913]).

Art: 3208



Couleurs

600			934
603			942
604			948
602			649
654			736
686			682
879			877
883			917
891			871

Gesetzlich geschützt.

Registered.

Plate 33C. Detail of Plate 33B; bead diameter: 7.7-9.0 mm.

Noncoulé

Art: 3256



Couleurs

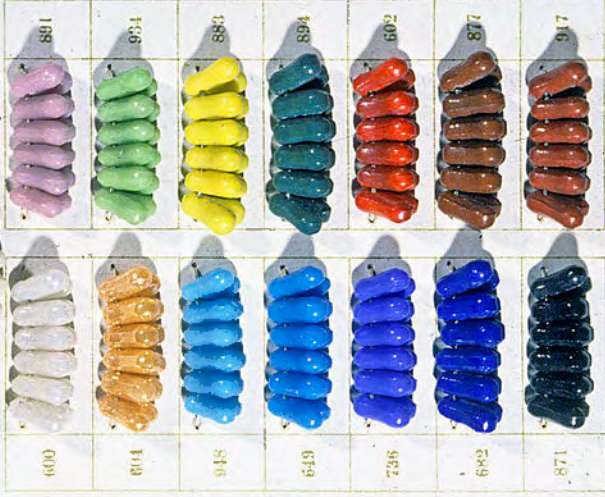


“*Colors*”

Art.: 3197

Grandeurs
Couleurs 347

Couleurs 847



Registered.

Ges. geschützt.

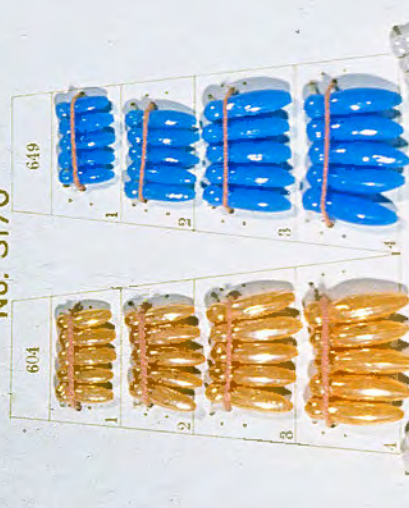
Déposé.

Plate 34A. Redhammer Brothers, card 148 (*Nouveauté*, Art. 3256), 22.4 x 11.4 cm; height of beads: 16.8–17.0 mm (TMV 2135, XIII [1913]).

Plate 34B. Redhammer Brothers, card 138 (Molars), 22.5 x 11.4 cm; height (head no. 1): 10.3-10.5 mm (TMV 2135, XIII [1913]).

Feather-Beads

No. 3170



Registered.

Gen. Reinholtz,

Değişim

Plate 34C. Redhammer Brothers, card 128 (Feather-Beads, No. 3170), 22.6 x 11.6 cm, height (bead no. 1): ca. 9.7 mm (TMV 2135, XIII [1913]).



Plate 35A. Redlhammer Brothers, card 132 (Ribbon-Beads, Art. 3176), 22.5 x 11.4 cm; height (bead no. 1): 14.8-15.0 mm (TMV 2135, XIII [1913]).



Plate 35B. Redlhammer Brothers, card 142 (Shell-Beads), 22.6 x 11.3 cm; diameter: 9.2 mm (TMV 2135, XIII [1913]).



Plate 35C. Redlhammer Brothers, card 139 (Nouveauté, Art. 3225), 22.5 x 11.4 cm; diameter: 9.2 mm (TMV 2135, XIII [1913]).

Chain-Beads

Serie: 2016/10

600		600
604		604
849		849
891		891
649		649
736		736
682		682
883		883
917		917
871		871
488		488
552		552
377		377
376		376

Plate 36A. Redlhammer Brothers, card 125 (Chain-Beads, Serie 2016/10), 22.7 x 11.5 cm; diameter: 9.0-9.2 mm (TMV 2135, XIII [1913]).

Serie: 2016/10

600	
604	
849	
891	
649	
736	
682	
883	
917	
871	
488	
552	
377	

Plate 36B. Detail of Plate 36A; diameter: 9.2 mm.

Austrian Patent 983059,
British Patent 15158.

German Patent 60901
French Patent 256973.

Snake-Beads

Art: 2004

Couleurs

600		891		846	
604		877		599	
879		649		345	
736		736		557	
931		682		870	
894		602		521	
993		871		545	

Article 2005	Article 2010	Article 2012
602	808	847
942	745	948

Any bead supplied in any color.

Plate 36C. Redlhammer Brothers, card 137 (Snake-Beads, Art. 2004, 2005, 2010, 2012), 22.5 x 11.3 cm; diameter: 8.8-9.0 mm (TMV 2135, XIII [1913]).



Plate 37A. Redlhammer Brothers, card 108, *Série 3088* (Imperial-Beads) (TMV 2135, XIII [1913]).



Plate 37B. Redlhammer Brothers, *Série 3006* (Imperial Beads) (TMV 2135, XIII [1913]).



Plate 37C. Redlhammer Brothers, card 106 (Article No. 3049), 22.4 x 11.3 cm; diameter (0-bead): 5.8 x 6.0 mm (TMV 2135, XIII [1913]).



Plate 38A. Redlhammer Brothers, card 121 (Serie 12300), 22.6 x 11.5 cm; length (bead no. 1, 3-piece unit): ca. 13.0 mm (TMV 2135, XIII [1913]).



Plate 38B. Detail of Plate 38A.



Plate 38C. Redlhammer Brothers, card 5 (Knebel-Beads, Serie 2019; Nouveautés, Serie 3261, 3266), 22.1 x 11.4 cm; length (3-piece unit at top): ca. 13.0 mm; diameter (bead, bottom left): ca. 9.0 mm (TMV 2135, XIII [1913]).

Demie Olives

Grandeurs Couleur 12604

00	
0	
1	
3	
5	
7	

Couleurs

12662		12849	
12600		12891	
12683		12649	
12654		12736	
12686		12682	
12877		12602	
12917		12894	
12883		12871	

Plate 39A. Redlhammer Brothers, card 115 (Demie Olives), 22.7 x 11.5 cm; length (2-piece unit, bead 0): ca. 10.0 mm (TMV 2135, XIII [1913]).

Serie 12300

Couleur 12319

1		1
3		3
5		5
7		7

Couleurs

12316		12316
12311		12311
12317		12317
12318		12318
12303		12303
12310		12310
12312		12312
12314		12314
12313		12313
12315		12315

Plate 39B. Redlhammer Brothers, card 120 (Serie 12300), 22.3 x 11.4 cm; length (3-piece unit no. 1): ca. 14.0 mm (TMV 2135, XIII [1913]).

Couleurs

12316	
12311	
12317	
12318	
12303	
12310	
12312	
12314	
12313	
12315	

Plate 39C. Detail of Plate 39B; length (3-piece unit): ca. 16.0 mm.

Link - Beads

Art: 3248

Coul. 604



Couleurs

603				948
600				649
602				736
934				682
891				917
879				877
883				871

Registered.

Ges. geschützt.

Déposé.

Plate 40A. Redlhammer Brothers, card 144 (Link-Beads, Art. 3248), 22.6 x 11.4 cm; height (0-bead): 10.3-10.7 mm (TMV 2135, XIII [1913]).

Couleurs

603				948
600				649
602				736
934				682
891				917
879				877
883				871

Plate 40B. Detail of Plate 40A; height: ca. 11.0 mm.

Link - Beads

Art: 3250

Coul. 604



Couleurs

603				948
600				649
602				736
934				682
891				917
879				877
883				871

Registered.

Ges. geschützt.

Déposé.

Plate 40C. Redlhammer Brothers, card 146 (Link-Beads, Art. 3250), 22.7 x 11.5 cm; height (0-bead): 10.6-10.7 mm (TMV 2135, XIII [1913]).

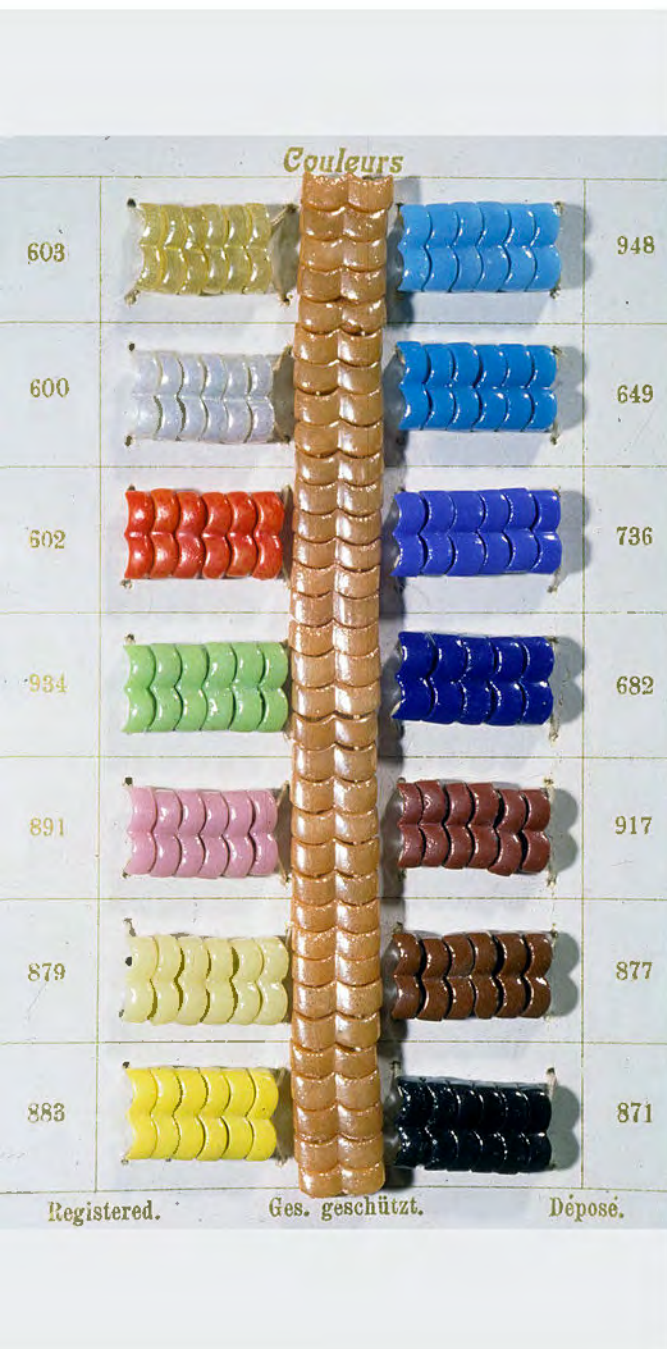


Plate 41A. Detail of Plate 40C; bead height: ca. 10.4 mm.



Plate 41B. Redlhammer Brothers, card 143 (Link-Beads, Art. 3247), 22.4 x 11.4 cm; height (0-bead): 10.6-10.8 mm (TMV 2135, XIII [1913]).



Plate 41C. Detail of Plate 41B; bead height: 10.7 mm.

Link - Beads

Art: 3249

Coul. 604

3/0		3/0
2/0		2/0
0		0

Couleurs

603			948
600			649
602			736
934			682
891			917
879			877
883			871

Registered.

Ges. geschützt.

Déposé.

Plate 42A. Redlhammer Brothers, card 145 (Link-Beads, Art. 3249), 22.7 x 11.4 cm; height (0-bead): 11.0-11.3 mm (TMV 2135, XIII [1913]).



Plate 42B. Detail of Plate 42A; height (bead): 11.0-11.3 mm.

Link - Beads

Art: 3252

Coul. 604

0		0
---	---	---

Couleurs

603			948
600			649
602			736
934			682
891			917
879			877
883			871

Registered.

Ges. geschützt.

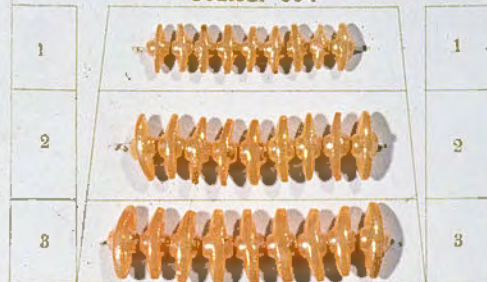
Déposé.

Plate 42C. Redlhammer Brothers, card 147 (Link-Beads, Art. 3252), 22.4 x 11.4 cm; height (0-bead): 11.0-11.3 mm (TMV 2135, XIII [1913]).

Coralline-Beads

Article No. 3154

Couleur 604



Couleurs



gesetst. geschützt.

Plate 43A. Redlhammer Brothers, Card 117 (Coralline-Beads, Article No. 3154), before 1913 (TMV, TM 2135, XIII).

1866 Size 5*



Plate 43B. Mahla Brothers, card 7 (1866), 19.0 x 9.2 cm; length (top bead): ca. 11.0 mm (TMV).

213

Couleurs



Plate 43C. Mahla Brothers, card 8 (213), 19.0 x 9.2 cm; diameter (bead 2/0): 4.5-4.6 mm (TMV).



Plate 44A. Mahla Brothers, card 31 (3008), 19.0 x 9.2 cm; length (top bead): 11.0 mm (TMV).



Plate 44B. Mahla Brothers, card 30 (1889), 19.0 x 9.2 cm; length (4 bead): 9.4 mm (TMV).

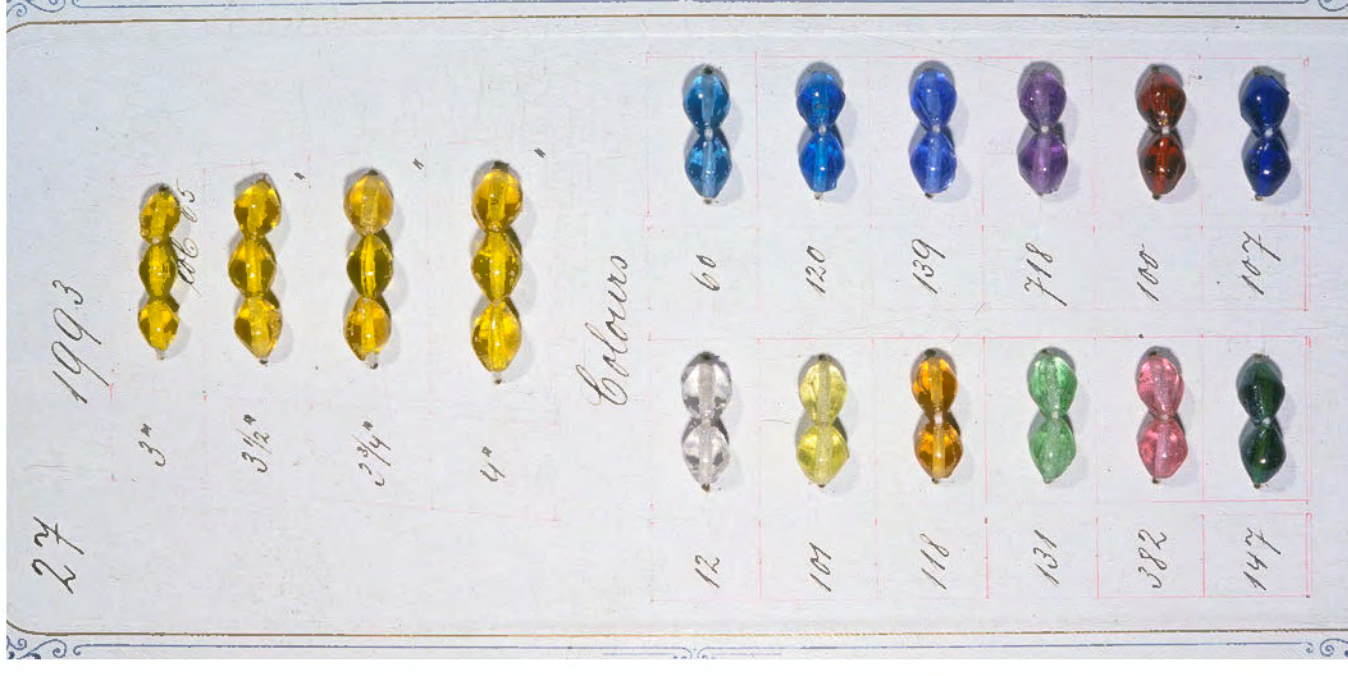


Plate 44C. Mahla Brothers, card 27 (1993), 19.0 x 9.2 cm; length (3 bead): 7.0 mm (TMV).

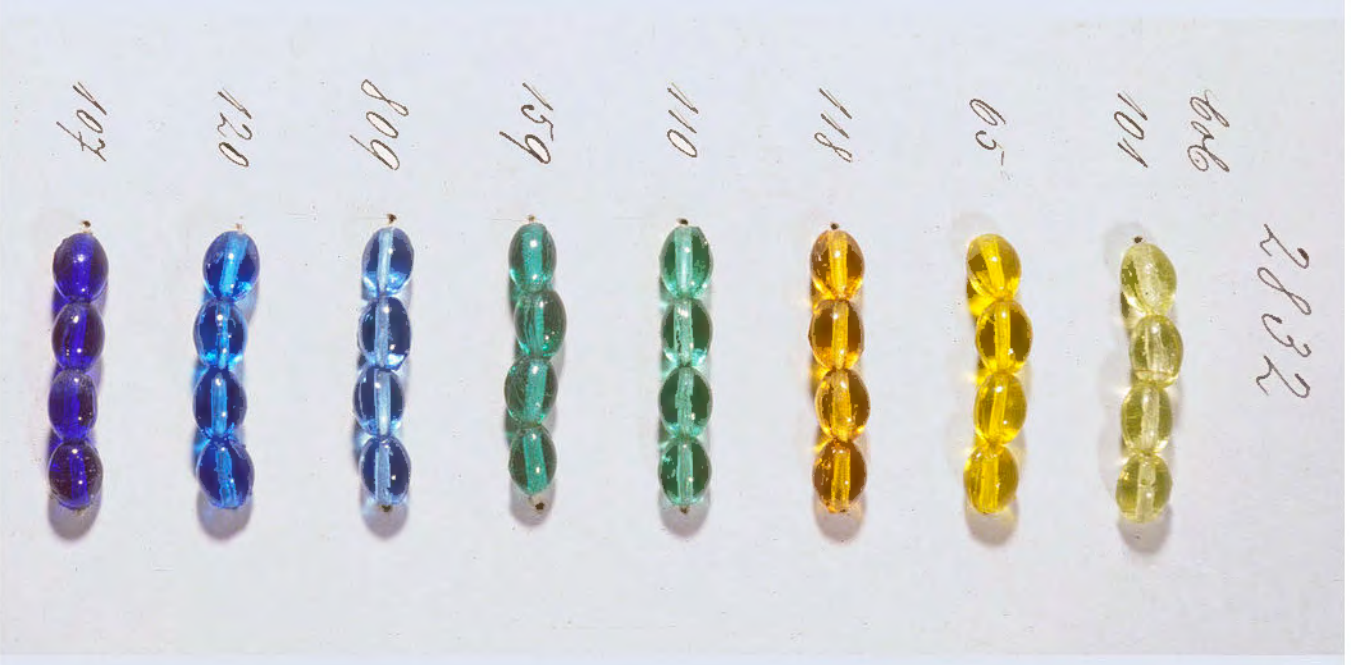


Plate 45A. Mahla Brothers, card 26 (2832), 19.0 x 9.2 cm; length (top bead): ca. 7.5 mm (TMV).

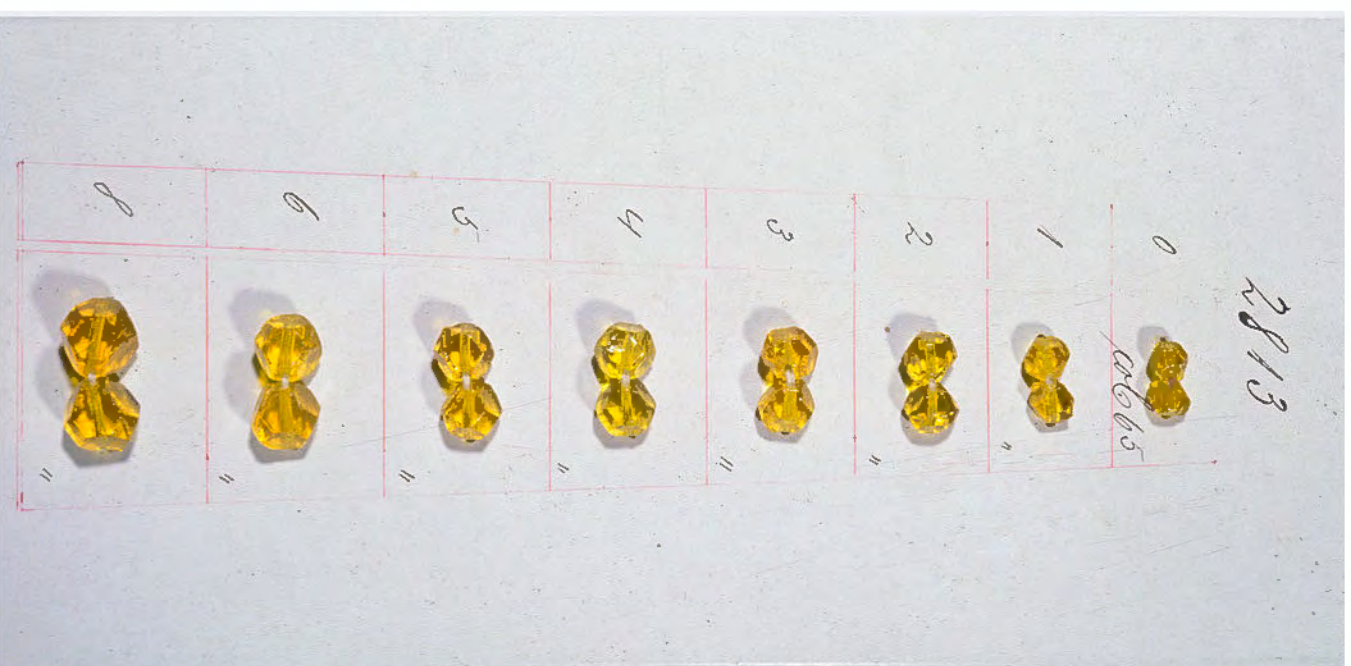


Plate 45B. Mahla Brothers, card 2813, 19.0 x 9.2 cm (TMV).



Plate 45C. Mahla Brothers, card 24 (2766), 19.0 x 9.2 cm; diameter (bead no. 1): 5.3-5.6 mm (TMV).



Plate 46A. Mahla Brothers, card 19 (267), 19.0 x 9.2 cm; diameter (0-bead): ca. 4.0 mm (TMV).



Plate 46B. Mahla Brothers, card 20 (1965), 19.0 x 9.2 cm; diameter (0-bead): ca. 4.0 mm (TMV).



Plate 46C. Mahla Brothers, card 6 (235), 19.0 x 9.2 cm; diameter (0-bead): 4.4-4.5 mm (TMV).



Plate 47A. Detail of Plate 46C; diameter (H3): 5.0 mm.

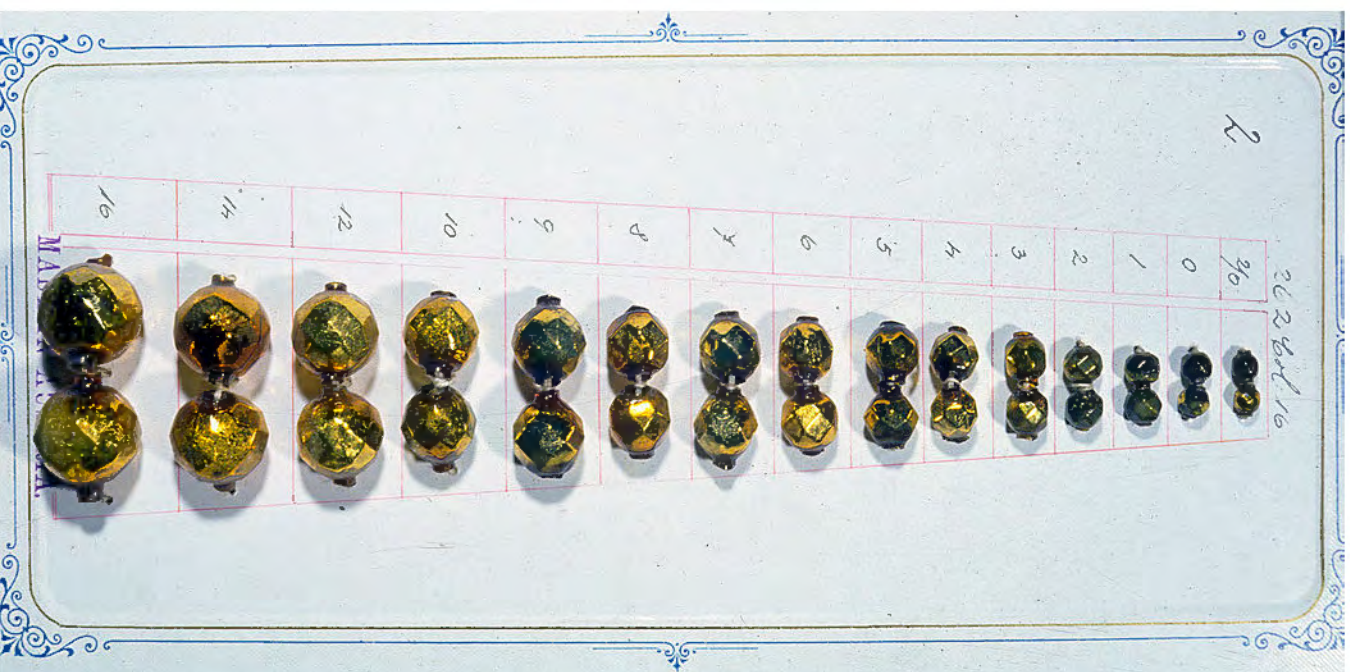


Plate 47B. Mahla Brothers, card 2 (262), 19.0 x 9.2 cm; diameter (bead no. 10): 9.8-10.0 mm (TMV).

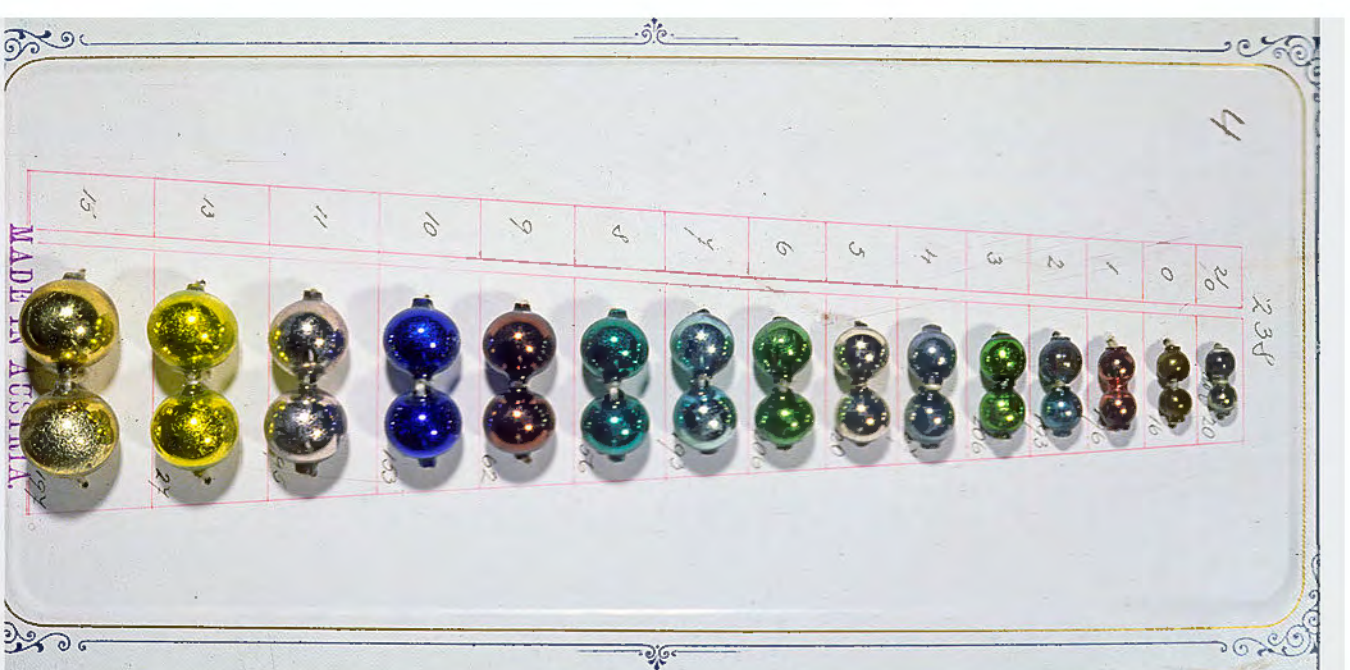


Plate 47C. Mahla Brothers, card 4 (238), 19.0 x 9.2 cm; diameter (bead no. 10): 9.8-10.0 mm (TMV).



Plate 48A. Mahla Brothers, card 3 (248), 19.0 x 9.2 cm; length (2 bead): ca. 8.0 mm (TMV).

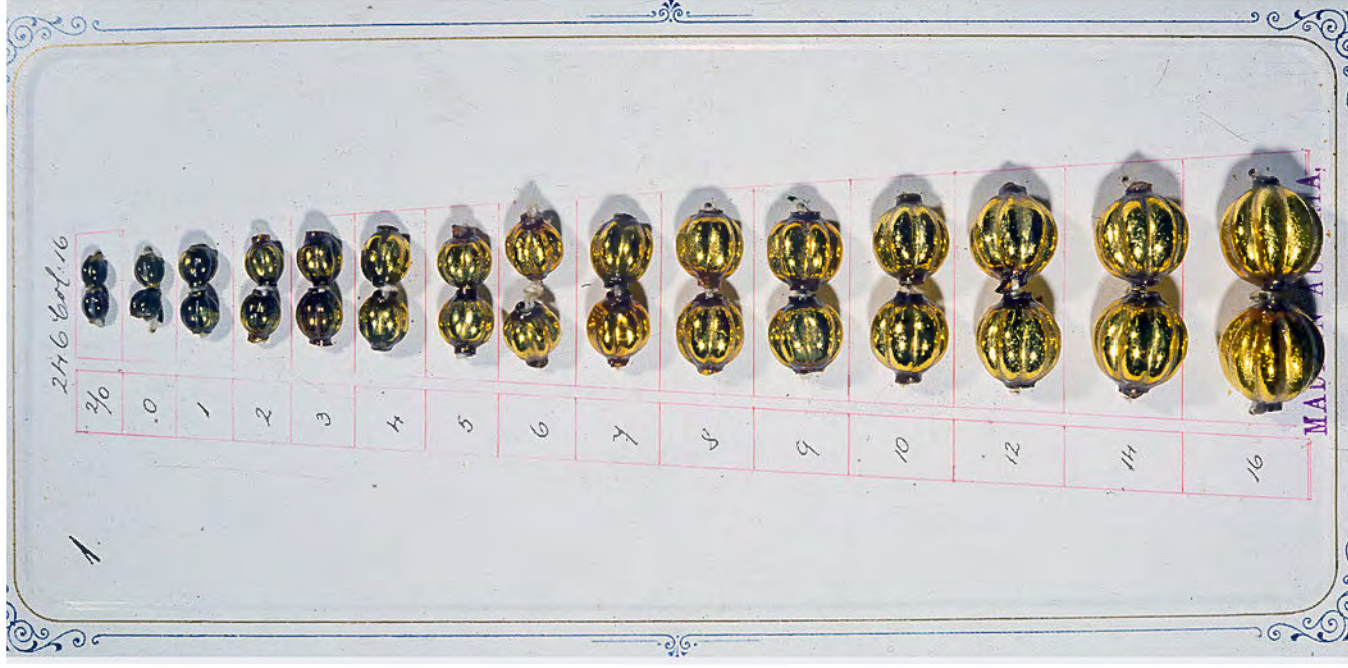


Plate 48B. Mahla Brothers, card 1 (246), 19.0 x 9.2 cm; diameter (bead no. 10): 10.0 mm (TMV).



Plate 48C. Mahla Brothers, card 11 (2833, Real Gilt Beads), 19.0 x 9.2 cm (TMV).