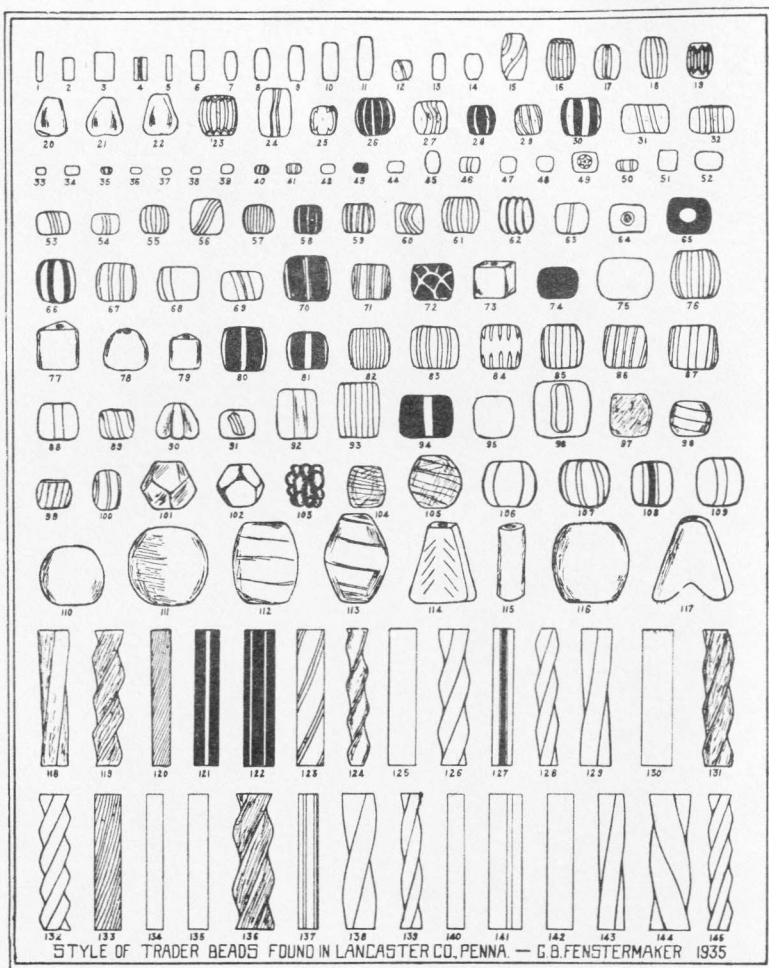


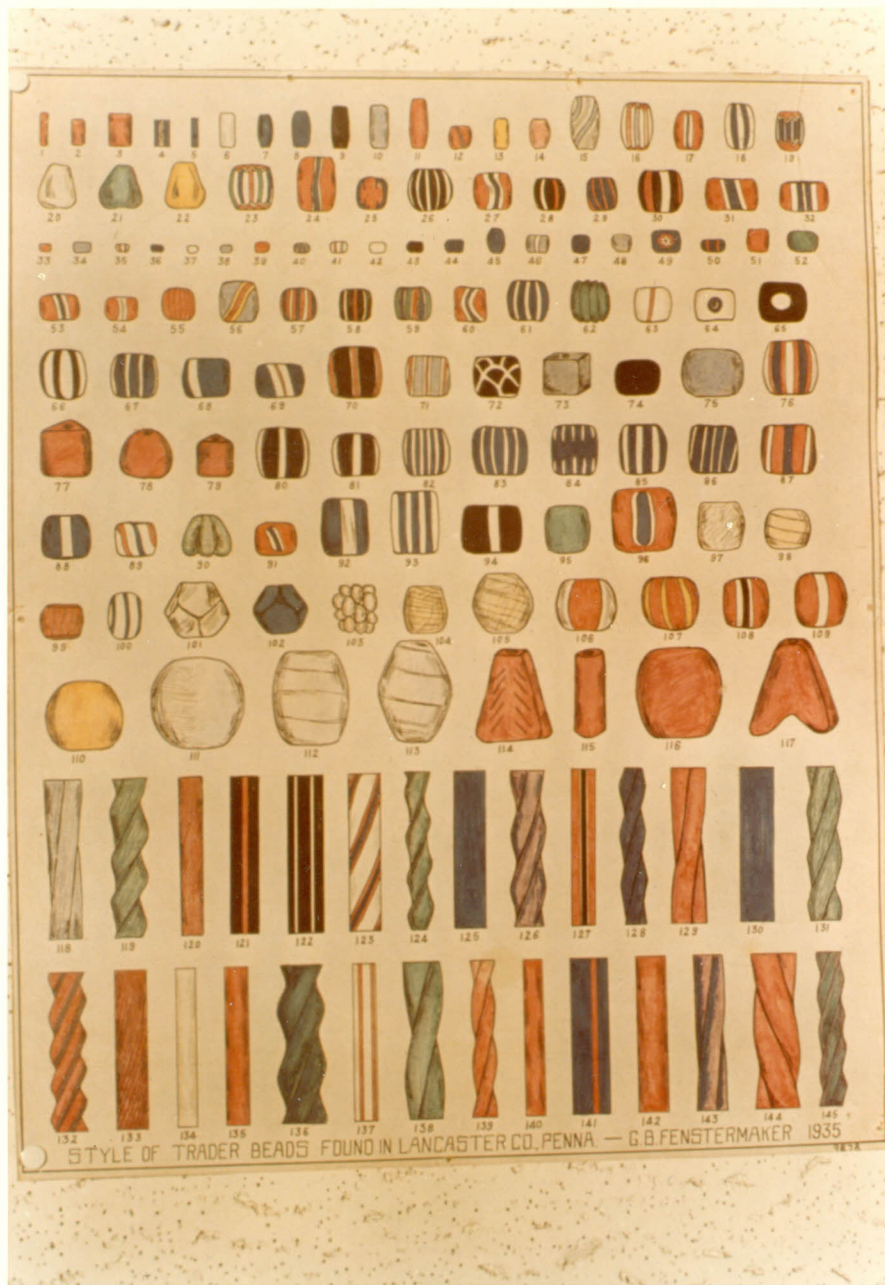
SUSQUEHANNA, IROQUOIS
COLORED TRADE BEAD CHART
1575 - 1763

The first and earliest known colored chart of bead research showing 145 types of beads excavated in Lancaster and York Counties, Pennsylvania from 1926 to 1935.

by
Gerald B. Fenstermaker



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INTRODUCTION

Before white contact and the introduction of glass trade beads, the Indian utilized rocks, minerals, vegetable matter and animal substances for his beads. Copper, hematite, quartz, serpentine, magnetite, slate, soapstone, turquoise and clay are examples of the rocks and minerals the Indian worked with. Seeds were the type of vegetable matter used most abundantly for beads. However, the largest quantities of beads were created from animal substances: teeth, claws, horn, ivory, shell and bone.

With the advent of the white trader, new means of adornment were introduced. Exposed to beads of a material, color and shape never before seen by him, the Indian was quick to adopt them into his culture.

The European glass houses were the producers, the French, English and Dutch the traders and the Indian the consumer in this new economic chain. As trading became a more sophisticated business, silver joined glass beads as one of the items of barter. Silver brooches, crosses, beavers, turtles and otter figures enjoyed immense popularity in the fur trade of the northeastern United States and Canada. Trade silver, which replaced Indian-made silver ornaments, unfortunately produced an under-supply of fur-bearing animals that doomed the fur trade. But, glass beads were never completely supplanted by trade silver in the Indian culture. Today, these same beads still hold a fascination for the researcher and collector.

All the beads on the chart were excavated and collected by G. B. Fenstermaker from 1926 to 1935.

SITE LOCATIONS

OCCUPATION DATES

Keller	1550 - 1575	1600 - 1620
Shultz	1575 - 1600	
Ibaugh	1600 - 1630	
Roberts	1635 - 1645	
Strickler	1645 - 1665	
Leiphart	1665 - 1675	
Conestoga (Indian Town)	1673 - 1763	

Museums containing eastern Pennsylvania trade beads:

William Penn Memorial Museum
Harrisburg, Pa.

Hershey Museum
Hershey, Pa.

Denver Museum of Natural History
Denver, Colorado

BEAD NO.	BODY COLOR	STRIPE COLORS	NUMBER STRIPES	SHAPE	LOCATION
1	Brick Red			Straw Short	Strickler
2	Brick Red			Straw Short	Strickler
3	Brick Red			Tile	Strickler
4	Dark Blue			Straw Short	Strickler
5	Dark Blue			Fine Straw	Strickler
6	Milk White			Straw Short	Strickler
IIa 57	7 Dark Blue			Wheat Shape	Keller
	8 Dark Blue			Medium Wheat	Keller
IIa 8	9 Black			Larger Wheat	Keller
IIa 38?	10 Sky Blue			Larger Wheat	Keller
IIa 3	11 Brick Red			Larger Wheat	Keller
IIb 1 *	12 Brick Red	Blue at Angle	2	Round	Keller
Ia 7	13 Yellow Wheat Color			Straw	Keller
IIa *	14 Pink			Wheat Shape	Keller
IIb 17	15 Grey	Blue Spiral	3 Sets 3 Spiral Stripes	Olive Shape	Keller
IVn-p *	16 Outer Body Blue	Red White Blue	4 Each Color	Star Chevron	Keller
IIb 2	17 Brick Red	White Blue in Center	On Both Sides	Flat Type	Keller
IIb *	18 White	Wide Blue	6 Blue	Olive Shaped	Keller
III m	19 Blue Body	White and Blue	12	Star Chevron	Keller
WIIa	20 White			Corn Shaped	Keller
WIIa	21 Green			Corn Shaped	Keller
WIIa	22 Yellow			Corn Shaped	Keller
IVn-p *	23 Red White Blue Green		Barrel Shaped	Star Chevron	Keller
IIb 2	24 Brick Red	Wide Blue Narrow White	3 White 3 Blue	Flat Type	Keller
III m	25 Dark Blue	Wide Red Patches	Worn	Star Chevron	Keller

	BEAD NO.	BODY COLOR	STRIPE COLORS	NUMBER STRIPES	SHAPE	LOCATION
IIb13	26	Black	White Stripes	14 White	Barrel Shaped	Keller
IIbb1	27	Brick Red	White Blue in Center	6 White 3 Blue	Barrel Shaped	Keller
IIb*	28	Black	Narrow Red White	4 Each	Barrel Shaped	Keller
IIb*	29	Dark Blue	Small Red	12	Barrel Shaped	Keller
IIb15	30	Black	White Red Black	3 White 3 Red 6 Black	Barrel Shaped	Keller
IIbb'*	31	Brick Red	Wide White Blue Center	On Angle	Doughnut	Keller
IIbb*	32	Brick Red	White Center Blue	Straight Lines	Doughnut	Keller
IIa2	33	Brick Red	Solid Color		Seed Bead	Keller
IIa37?	34	Sky Blue	Solid Color		Seed Bead	Keller
IIb*	35	White	Red	12 Red	Seed Bead	Keller
IIa56	36	Dark Blue	Solid Color		Seed Bead	Keller
IIa12/14	37	White	Solid Color		Seed Bead	Keller
IIa37?	38	Sky Blue	Solid Color		Seed Bead	Keller
IIa2	39	Brick Red	Solid Color		Seed Bead	Keller
IIb*	40	Sky Blue	Red Stripes	6 Red	Doughnut	Keller
IVb16	41	White	Red and Blue	3 Red 3 Blue	Doughnut	Keller
IIa12/14	42	White	Solid Color		Doughnut	Keller
IIa7	43	Black			Doughnut	Keller
IIa*(0)?	44	Sky Blue			Doughnut	Keller
IIa*(0)?	45	Sky Blue			Barrel Shaped	Keller
IIb*	46	Sky Blue	White	6 White	Doughnut	Keller
IIa56	47	Dark Blue			Round	Keller
IIa*?	48	Sky Blue			Round	Keller
IIg	49	Sky Blue	White Dot in Red Circle	Some 2 Eyes 3 Eyes	Eye Bead	Keller
IIb61	50	Dark Blue	Red Stripes	6 Red	Doughnut	Keller
IIa1	51	Brick Red	Solid Color		Round	Keller
IIa31?	52	Sky Blue	Solid Color		Doughnut	Keller

	BEAD NO.	BODY COLOR	STRIPE COLORS	NUMBER STRIPES	SHAPE	LOCATION
IIbb*	53	Brick Red	Blue Center White	4 White 2 Blue	Doughnut	Keller
IIbb*	54	Brick Red	Black Center White	4 White 2 Blue	Doughnut	Keller
IIb1	55	Brick Red	Black Stripes		Barrel	Keller
IIbb1*	56	Sky Blue	Yellow Center Red	4 Yellow 2 Red	Barrel	Keller
IIbb*	57	Dark Blue	Red Center White		Barrel	Keller
IIb15?	58	Black	White and Red		Barrel	Keller
IIbb?	59	Sky Blue	Dark Blue Red		Barrel	Keller
IIbb*	60	Brick Red	White Narrow Blue	4 White 2 Blue	Round	Keller
IIb70 line	61	Dark Blue	White Stripes	12	Barrel	Keller
IIe1/2	62	Sky Blue			Melon Shaped	Keller
IIb20	63	White	Red	3 Red	Barrel	Keller
IIg4	64	White	Blue Dot White	3 Blue Eyes	Eye Bead	Keller
II31	65	Black	Large White Dot	3 White Eyes	Eye Bead	Keller
IIb24	66	White	Black Stripes		Barrel	Keller
IIb*	67	Dark Blue	Narrow White		Barrel	Keller
IIb56?	68	Dark Blue	Wide White	8?	Doughnut	Keller
IIb27	69	Dark Blue	White and Red	6 White 3 Red	Doughnut	Keller
IIbb*	70	Black	Red	6 Red	Barrel	Keller
IIbb*	71	Sky Blue	Narrow Red White	16 White 8 Red	Barrel	Keller
IIj?	72	Black	Crossed White	Angular Lines	Barrel	Keller
	73	Sky Blue	Solid		Square	Strickler

	BEAD NO.	BODY COLOR	STRIPE COLORS	NUMBER STRIPES	SHAPE	LOCATION
IIa6	74	Black			Doughnut	Keller
IIa40?	75	Sky Blue			Barrel	Keller
IIb6*	76	White	Red White Blue	10 Red 6 White 6 Blue	Barrel	Keller
	77	Catlinite			Triangle	Strickler
	78	Catlinite			Dome	Strickler
	79	Catlinite			Triangle	Strickler
IIb*	80	Black	Narrow White	8 White	Barrel	Keller
IIb*	81	Black	White	8 White	Barrel	Keller
IIb70/11034	82	Sky Blue	Narrow White	16 White	Barrel	Keller
IIb* like	83	Sky Blue	Narrow White	10 White	Barrel	Keller
IIb* "	84	Sky Blue	Narrow White	10 White	Barrel	Keller
IIb* "	85	Sky Blue	Wide White	7 White	Barrel	Keller
IIb* "	86	Sky Blue	Narrow White	10 White	Barrel	Keller
IIb*	87	Brick Red	Blue White	5 Blue 6 White	Barrel	Keller
IIb56	88	Dark Blue	Wide White	3 White	Barrel	Keller
IVb15	89	White	Red Blue	4 Red 4 Blue	Round	Keller
IIe	90	Dark Green	Solid		Squash	Keller
IIb6' *	91	Brick Red	White Center Blue	6 White 5 Blue	Doughnut	Keller
IIb56?	92	Dark Blue	Wide White	3 White	Barrel	Keller
IIb34?	93	Dark Blue	Narrow White	12 White	Barrel	Keller
IIb10	94	Black	Wide White	3 White	Doughnut	Keller
IIa40?	95	Sky Blue	Solid		Barrel	Keller
IIb61	96	Brick Red	White Center Blue	6 White 3 Blue	Barrel	Keller

	BEAD NO.	BODY COLOR	STRIPE COLORS	NUMBER STRIPES	SHAPE	LOCATION
	97	Milk	Solid		Barrel	Strickler
	98	Milk	Solid		Barrel	Strickler
IIb*	99	Brick Red	Faint Thin Blue		Barrel	Keller
IIb*	100	White	Narrow Blue	8 Blue	Olive	Keller
	101	Milk			Facted	Conestoga
	102	Dark Blue		10 Facets	Facted	Conestoga
IIb	103	Milky		Some are Blue	Mulberry	Keller
	104	Milky			Barrel	Strickler
	105	Milky			Barrel	Strickler
IIb20	106	White	Wide Brick Red	3 Red	Barrel	Keller
IIb*	107	Brick Red	Narrow Yellow	8 Yellow	Barrel	Keller
IIb6*	108	Brick Red	White Center Black	6 White 3 Blue <i>ack</i>	Flat	Keller
IIb2	109	Brick Red	Wide White	3 White	Barrel	Keller
	110	Light Yellow			Barrel	Conestoga
	111	Milky White			Round	Conestoga
	112	Milky White			Barrel	Conestoga
	113	Milky White			Olive	Conestoga
	114	Catlinite	Cut Angle Stripes		Triangle	Strickler
	115	Catlinite			Straw	Strickler
	116	Catlinite			Round	Strickler
	117	Catlinite			Corn	Strickler

STRAW BEADS

BEAD NO.	BODY COLOR	STRIPE COLORS	NUMBER STRIPES	SHAPE	LOCATION	BEAD TWIST
118	Light Blue			Straw	Strickler	Slow Twist
119	Sky Blue			Straw	Strickler	Fast Twist
120	Brick Red			Straw	Strickler	Straight
121	Black	Red Narrow	4 Red	Straw	Strickler	Straight
122	Black	Narrow White	8 White	Straw	Strickler	Straight
123	White	Red and Blue	Spiral	Straw	Strickler	Straight
124	Sky Blue			Straw	Strickler	Fast Twist
125	Dark Blue			Straw	Strickler	Straight
126	Purple			Straw	Strickler	Medium Twist
127	Brick Red	White Black	4 White 2 Black	Straw	Leiphart	Straight
128	Dark Blue			Straw	Strickler	Medium Twist
129	Brick Red			Straw	Strickler	Slow Twist
130	Dark Blue			Straw	Strickler	Straight
131	Light Blue			Straw	Strickler	Fast Twist
132	Brick Red			Straw	Strickler	Extra Fast Twist
133	Brick Red	Ribbed Lines		Straw	Strickler	Fine Hair Lines
134	Milk White			Straw	Strickler	Straight
135	Brick Red			Straw	Strickler	Straight
136	Dark Blue			Straw	Strickler	Slow Twist
137	White Milk	Narrow Red	6 Red	Straw	Strickler	Straight
138	Light Blue			Straw	Strickler	Slow Twist
139	Brick Red			Straw	Strickler	Fast Twist
140	Brick Red			Straw	Strickler	Straight
141	Dark Blue	Narrow Red	3 Red	Straw	Strickler	Straight
142	Brick Red			Straw	Strickler	Straight
143	Purple			Straw	Strickler	Slow Twist
144	Brick Red			Straw	Strickler	Medium Twist
145	Dark Blue			Straw	Strickler	Fast Twist