Winged Warps Series
Monarch

This butterfly is formed with peyote panels connected with herringbone increases to form a warped pentagon, which folds to create the wings and tail of the stylized shape. The finished piece measures approx. 85mm.. wide by 72mm tall.

A knowledge of peyote and herringbone stitches as well as an understanding of warped figures is advised for completing this pattern.

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The design of the beaded jewelry.
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If you are interested in Teaching, please contact me for details at either Jay Dee at Facebook or Joy Davison by email warpinsquirrel@gmail.com

Materials

Size 11 Miyuki Delica beads:
  DB-310, 7 grams, Black Matte
  DB-1101, 4 grams, Transparent Marigold
  DB-202, <1 gram (101 beads), White Pearl AB
  DB-702, <1 gram (93 beads), Transparent Light Topaz
  DB-779, <1 gram (66 beads), Matte Transparent Salmon
  DB-101, <1 gram (48 beads), Light Topaz Luster
  DB-651, <1 gram (28 beads), Opaque Squash
Other Beads:
1, 8/0 or 3mm rocaille, fire-polish or other round bead.
Notions:
Beading thread
Size 11 or 12, Beading needles
Cord, ribbon, chain, memory wire or other material for hanging the finished piece.

Tips:

This stand-alone figure should be beaded with firm tension, keeping in mind that matte beads break easily.
It's best to weave-in thread-ends through opaque sections, but if weaving through transparent beads becomes necessary, working from the underside makes the thread less visible.

Getting started:

Thread a needle with a comfortable length of thread, leaving a generous 10-12 inch tail. Grip the tail securely and maintain a tight tension in order to keep the first 5 rounds snug.

Working the Rounds:
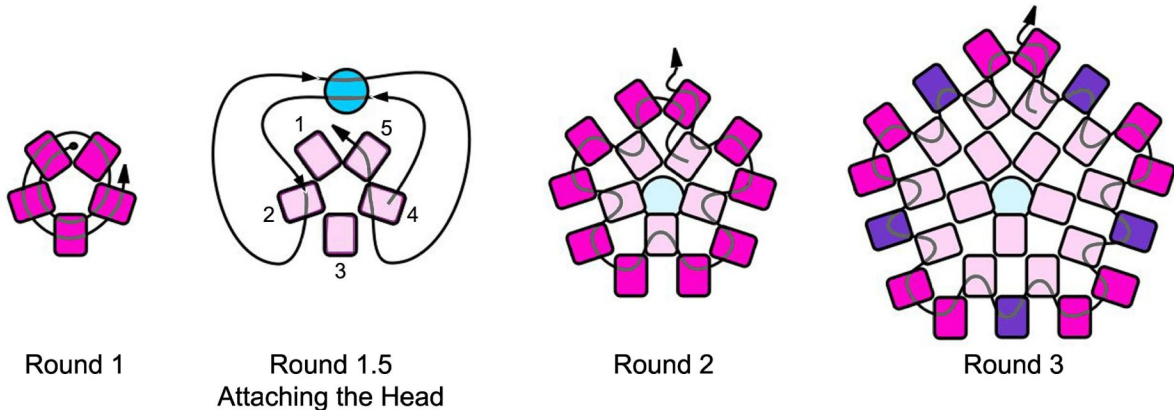
Round 1   Round 1.5
                   Attaching the Head   Round 2   Round 3

Round 1: String 5 Delicas and needle through the first 4 beads to form a ring.

Round 1.5; Attach the Head: Following the thread-path illustration "Round 1.5," pick up the 8/0 bead, sew through Bead 2, back through the 8/0, through Bead 4, Bead5, and exit between Beads 5 and 1. The exit-point will become the center point of the butterfly.'s tail.

Round 2: Work this round by adding 2 beads between each of the 5, Round-1 delicas. Step up.

Round 3: Form a herringbone corner by picking up 2 beads and sewing through the next Round-2 bead. Peyote once, adding 1 bead and sewing through the next Round-2 bead. Repeat this sequence 4 more times to complete the round and step up.

The Shape of the warped pentagon will form by Round 5 or 6.

Rounds 4 through 24: Repeat the herringbone/peyote pattern established in Round 3 for every round**.** These are *Regular Rounds.*

Round 25; Tack Round 1 of 2: Bead the first 2 sections in the established pattern. Begin the 3rd section (the butterfly's front) with a herringbone stitch, then peyote through the center point.
Position the front and back sections together. Squeeze the sections between thumb and fingers to select the rear herringbone pair closest to the bead just exited. The optimal herringbone pair will likely be somewhere around the 14^{th,} varying slightly, depending on the tension used throughout and personal preference. The front and back should lay flat, together, while the wing-folds should have a pleasant curve.
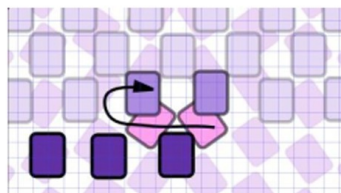**Make the tack.**
Step 1. Reversing direction, stitch through the rear herringbone pair and exit to the front. Pull snug.
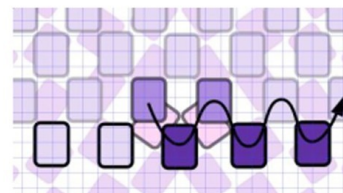**Steps 2 and 3.** Reverse direction again and again peyote through the center-front beads. Maintaining a snug tension, finish the round in the regular sequence. Step up.
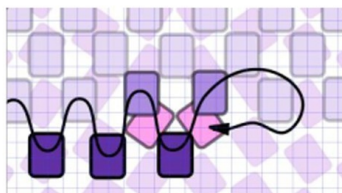
Step 1   Step 2   Step 3
Rounds 25 and 27 - Tack Front to Back

Round 26: Stitch a Regular Round.
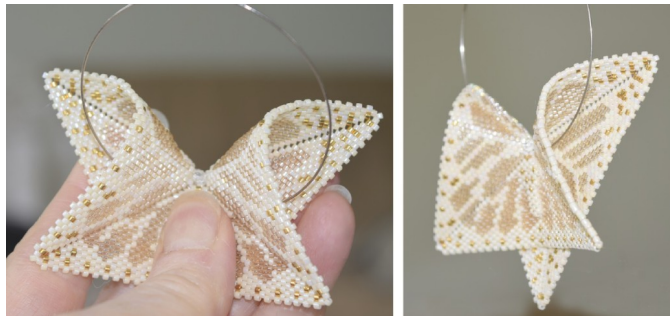
Round 27: Repeat Round 25.

Rounds 28 and 29: Stitch Regular Rounds.

Round 30: Peyote the entire round, adding a single bead in each corner.

The Final Shape

The wings can be flexed forward with thumb and fingers to massage balance or make the wings more prominent. Be gentle.

Acknowledgments

I want to express my gratitude to Kista T, who first showed me how a warped pentagon resembled a butterfly. You're wonderful!
And to my pattern editors and testers from whom I learned so much!
Susannah Thomson, Twana Howard Bentley, Dianne Knott Wiley, Cally Egbert Ross, Dianna MacLaren, Sylvia Dünnwald, Sarah Toussaint Perlissandre, Deborah Peltz, Ann Wilson, Laurie Erickson,Lisa Tague, Lisa Vale, Sherry Metcalf, Lori Callahan, Kristen Ho, Connie LaVigne, Hannah Erickson Vetorino, Vicki Joanne Green, Darlene Wise, Maura Van Der Linden, Beverly Jordan Folck, and Terrie Clausen.

Monarch, Word Chart

Chart #:A
DB-310
Jet Black Matte
Count:1203

Chart #:B
DB-202
White Pearl AB
Count:97

Chart #:C
DB-651
Opaque Squash
Count:28

Chart #:D
DB-1101
Transparent Marigold
Count:640

Chart #:E
DB-779
Matte Trans Salmon
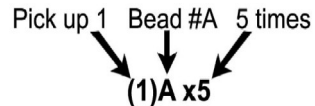Count:66

Chart #:F
DB-702
Trans Light Topaz
Count:93

Chart #:G
DB-101
Light Topaz Luster
Count:48

Chart# H
8/0 or 3mm Round, rocaille or fire-polish
Black
Count: 1

Pick up 1   Bead #A   5 times

(1)A x5

Round 1: **(1)A x5 .**

Round 1.5: (1)H.

Round 2: **(2)A x5.**

Round 3:
(2)A, (1)A,
(2)A, (1)A,
(2)D, (1)A,
(2)D, (1)A,
(2)A, (1)A.

Round 4:
(2)A, (1)A, (1)E,
(2)A, (1)A x2,
(2)DA, (1)A x2,
(2)AD, (1)A x2,
(2)A, (1)E, (1)A .

Round 5:
(2)A, (1)A x2, (1)E,
(2)A, (1)A x3,
(2)DA, (1)B, (1)A, (1)B,
(2)AD, (1)A x3,
(2)A, (1)E, (1)A x2.

Round 6:
(2)A, (1)E x4,
(2)A, (1)E x2, (1)A, (1)D,
(2)DA, (1)A x4,
(2)AD, (1)D, (1)A, (1)E x2,
(2)A, (1)E x4.

Round 7:
(2)A, (1)E, (1)A x2, (1)D x2,
(2)A, (1)E, (1)A x3, (1)D,
(2)DA, (1)D, (1)Ax3, (1)D,
(2)AD, (1)D, (1)A x3, (1)E,
(2)A, (1)D x2, (1)A x2, (1)E.

Round 8:
(2)A, (1)E, (1)A, (1)E, (1)A, (1)D x2,
(2)A, (1)D, (1)A, (1)E, (1)A x2, (1)D,
(2)DA, (1)D, (1)A, (1)B x2, (1)A, (1)D,
(2)AD, (1)D, (1)A x2, (1)E, (1)A, (1)D,
(2)A, (1)D x2, (1)A, (1)E, (1)A, (1)E.

Round 9:
(2)A, (1)E x3, (1)A, (1)D x3,
(2)A, (1)D, (1)E x2, (1)A x2, (1)D x2,
(2)D, (1)D, (1)A x5, (1)D,
(2)D, (1)D x2, (1)A x2, (1)E x2, (1)D,
(2)A, (1)D x3, (1)A, (1)E x3.

Round 10:
(2)A, (1)D x2, (1)A, (1)E, (1)A, (1)D x3,
(2)A, (1)D, (1)E, (1)A, (1)D x2, (1)A, (1)D x2,
(2)D, (1)D x2, (1)F, (1)A x2, (1)F, (1)D x2,
(2)D, (1)D x2, (1)A, (1)D x2, (1)A, (1)E, (1)D,
(2)A, (1)D x3, (1)A, (1)E, (1)A, (1)D x2.

Round 11:
(2)A, (1)D x2, (1)A, (1)D, (1)A x2, (1)D x3,
(2)A, (1)D x2, (1)A, (1)E, (1)A, (1)D, (1)A, (1)D x2,
(2)D, (1)A, (1)F, (1)A x5, (1)F, (1)A,
(2)D, (1)D x2, (1)A, (1)D, (1)A, (1)E, (1)A, (1)D x2,
(2)A, (1)D x3, (1)A x2, (1)D, (1)A, (1)D x2.

Round 12:
(2)A, (1)D x4, (1)E, (1)D, (1)A, (1)D x3,
(2)A, (1)D x2, (1)E x2, (1)D x3, (1)A, (1)D x2,
(2)D, (1)A, (1)D, (1)A, (1)F, (1)A x2, (1)F, (1)A, (1)D, (1)A,
(2)D, (1)D x2, (1)A, (1)D x3, (1)E x2, (1)D x2,
(2)A, (1)D x3, (1)A, (1)D, (1)E, (1)D x4.

Round 13:
(2)A, (1)D x3, (1)A, (1)D, (1)A, (1)D, (1)A, (1)D x3,
(2)A, (1)D x3, (1)A, (1)D, (1)A, (1)D, (1)A x2, (1)D x2,
(2)D, (1)A, (1)D, (1)F x2, (1)G, (1)A, (1)G, (1)F x2, (1)D, (1)A,
(2)D, (1)D x2, (1)A x2, (1)D, (1)A, (1)D, (1)A, (1)D x3,
(2)A, (1)D x3, (1)A, (1)D, (1)A, (1)D, (1)A, (1)D x3.

Round 14:
(2)A, (1)D x3, (1)A, (1)D x2, (1)A, (1)D, (1)A, (1)D x3,
(2)A, (1)D x3, (1)A, (1)E, (1)D, (1)A x5, (1)D,
(2)DA, (1)A x2, (1)F, (1)A, (1)F, (1)A x2, (1)F, (1)A, (1)F, (1)A x2,
(2)AD, (1)D, (1)A x5, (1)D, (1)E, (1)A, (1)D x3,
(2)A, (1)D x3, (1)A, (1)D, (1)A, (1)D x2, (1)A, (1)D x3.

Round 15:
(2)A, (1)D x6, (1)A, (1)D x2, (1)A, (1)D x3,
(2)A, (1)D x3, (1)E x2, (1)D, (1)A, (1)D x2, (1)A x4,
(2)A, (1)A x2, (1)F, (1)A, (1)F, (1)G, (1)A, (1)G, (1)F, (1)A, (1)F, (1)A x2,
(2)A, (1)A x4, (1)D x2, (1)A, (1)D, (1)E x2, (1)D x3,
(2)A, (1)D x3, (1)A, (1)D x2, (1)A, (1)D x6.

Round 16:
(2)A, (1)D x4, (1)A, (1)D x2, (1)A, (1)D x2, (1)A, (1)D x3,
(2)A, (1)D x4, (1)A, (1)D x2, (1)A, (1)D x2, (1)A, (1)D, (1)A x2,
(2)DA, (1)D, (1)F x3, (1)G x2, (1)A x2, (1)G x2, (1)F x3, (1)D,
(2)AD, (1)A x2, (1)D, (1)A, (1)D x2, (1)A, (1)D x2, (1)A, (1)D x4,
(2)A, (1)D x3, (1)A, (1)D x2, (1)A, (1)D x2, (1)A, (1)D x4.

Round 17:
(2)A, (1)D x4, (1)A, (1)D x2, (1)A x2, (1)D x2, (1)A, (1)D x3,
(2)A, (1)D x4, (1)A, (1)D x2, 1)A x2, (1)D x2, (1)A, (1)D, (1)A x2,
(2)DA, (1)D, (1)F, (1)A, (1)F, (1)A, (1)G x2, (1)A, (1)G x2, (1)A, (1)F, (1)A, (1)F, (1)D,
(2)AD, (1)A x2, (1)D, (1)A, (1)D x2, (1)A x2, (1)D x2, (1)A, (1)D x4,
(2)A, (1)D x3, (1)A, (1)D x2, (1)A x2, (1)D x2, (1)A, (1)D x4.

Round 18:
(2)A, (1)D x9, (1)A, (1)D x2, (1)A, (1)D x3,
(2)A, (1)D x9, (1)A, (1)D x2, (1)A, (1)D, (1)A x2,
(2)D, (1)D x2, (1)A, (1)F x2, (1)A, (1)G, (1)A x2, (1)G, (1)A, (1)F x2, (1)A, (1)D x2,
(2)D, (1)A x2, (1)D, (1)A, (1)D x2, (1)A, (1)D x9,
(2)A, (1)D x3, (1)A, (1)D x2, (1)A, (1)D x9.

Round 19:
(2)A, (1)A, (1)D x4, (1)A, (1)D x2, (1)A, (1)D, (1)A, (1)D x2, (1)A, (1)D x2, (1)A,
(2)A, (1)A, (1)D x4, (1)A, (1)D x2, (1)A, (1)D, (1)A, (1)D, (1)A x2, (1)D x2, (1)A,
(2)D, (1)A, (1)D, (1)F x3, (1)A, (1)G x2, (1)A, (1)G x2, (1)A, (1)F x3, (1)D, (1)A,
(2)D, (1)A, (1)D x2, (1)A x2, (1)D, (1)A, (1)D, (1)A, (1)D x2, (1)A, (1)D x4, (1)A,
(2)A, (1)A, (1)D x2, (1)A, (1)D x2, (1)A, (1)D, (1)A, (1)D x2, (1)A, (1)D x4, (1)A.

Round 20:
(2)A, (1)A, (1)D x4, (1)A, (1)D x2, (1)A x2, (1)D, (1)A, (1)D x2, (1)A, (1)D, (1)A x2,
(2)A, (1)A, (1)D x4, (1)A, (1)D x2, (1)A x2, (1)D, (1)A, (1)D, (1)A x2, (1)D x2, (1)A,
(2)D, (1)A, (1)D, (1)F, (1)A, (1)F, (1)A, (1)G x2, (1)A x2, (1)G x2, (1)A, (1)F, (1)A, (1)F, (1)D, (1)A,
(2)D, (1)A, (1)D x2, (1)A x2, (1)D, (1)A, (1)D, (1)A x2, (1)D x2, (1)A, (1)D x4, (1)A,
(2)A, (1)A x2, (1)D, (1)A, (1)D x2, (1)A, (1)D, (1)A x2, (1)D x2, (1)A, (1)D x4, (1)A.

Round 21:
(2)A, (1)A x2, (1)D x7, (1)A, (1)D x2, (1)A, (1)D x2, (1)A x4,
(2)A, (1)A x2, (1)D x7, (1)A, (1)D x2, (1)A, (1)D, (1)A, (1)D x3, (1)A,
(2)D, (1)D x2, (1)F, (1)A, (1)F x2, (1)A, (1)G x2, (1)A, (1)G x2, (1)A, (1)F x2, (1)A, (1)F, (1)D x2,
(2)D, (1)A, (1)D x3, (1)A, (1)D, (1)A, (1)D x2, (1)A, (1)D x7, (1)A x2,
(2)A, (1)A x4, (1)D x2, (1)A, (1)D x2, (1)A, (1)D x7, (1)A x2.

Round 22:
(2)A, (1)C, (1)A x2, (1)D x3, (1)A, (1)D x2, (1)A x2, (1)D x2, (1)A, (1)D, (1)A x4, (1)C,
(2)A, (1)C x2, (1)A, (1)D x3, (1)A, (1)D x2, (1)A x2, (1)D x2, (1)A, (1)D, (1)A, (1)D x3, (1)A,
(2)A, (1)D x2, (1)F x4, (1)G x8, (1)F x4, (1)D x2,
(2)A, (1)A, (1)D x3, (1)A, (1)D, (1)A, (1)D x2, (1)A x2, (1)D x2, (1)A, (1)D x3, (1)A, (1)C x2,
(2)A, (1)C, (1)A x4, (1)D, (1)A, (1)D x2, (1)A x2, (1)D x2, (1)A, (1)D x3, (1)A x2, (1)C.

Round 23:
(2)A, (1)C, (1)A x3, (1)D x2, (1)A, (1)D x2, (1)A, (1)F, (1)A, (1)D x2, (1)A x6, (1)C,
(2)A, (1)C, (1)A, (1)C, (1)A, (1)D x2, (1)A, (1)D x2, (1)A, (1)F, (1)A, (1)D x2, (1)A x3, (1)D x3, (1)A,
(2)A, (1)A x2, (1)F x2, (1)A, (1)F, (1)G, (1)A, (1)G x2, (1)A, (1)G x2, (1)A, (1)G, (1)F, (1)A, (1)F x2, (1)A x2,
(2)A, (1)A, (1)D x3, (1)A x3, (1)D x2, (1)A, (1)F, (1)A, (1)D x2, (1)A, (1)D x2, (1)A, (1)C, (1)A, (1)C,
(2)A, (1)C, (1)A x6, (1)D x2, (1)A, (1)F, (1)A, (1)D x2, (1)A, (1)D x2, (1)A x3, (1)C.

Round 24:
(2)A, (1)A, (1)C x2, (1)A x4, (1)D x2, (1)A, (1)F x2, (1)A, (1)D x2, (1)A, (1)B, (1)A x2, (1)C x2, (1)A,
(2)A, (1)A, (1)C, (1)A x5, (1)D x2, (1)A, (1)F x2, (1)A, (1)D x2, (1)A, (1)B, (1)A, (1)D x2, (1)A, (1)B,
(2)A, (1)A x2, (1)F x2, (1)A, (1)F, (1)G, (1)A, (1)G x2, (1)A x2, (1)G x2, (1)A, (1)G, (1)F, (1)A, (1)F x2, (1)A x2,
(2)A, (1)B, (1)A, (1)D x2, (1)A, (1)B, (1)A, (1)D x2, (1)A, (1)F x2, (1)A, (1)D x2, (1)A x5, (1)C, (1)A,
(2)A, (1)A, (1)C x2, (1)A x2, (1)B, (1)A, (1)D x2, (1)A, (1)F x2, (1)A, (1)D x2, (1)A x4, (1)C x2, (1)A.

Round 25:
(2)A, (1)B, (1)A x3, (1)B, (1)A x5, (1)F x2, (1)A x2, (1)D, (1)A x2, (1)B, (1)A, (1)C, (1)A x2, (1)E,
(2)E (1)E, (1)A x3, (1)B, (1)A x3, (1)D, (1)A x2, (1)F x2, (1)A, (1)D, (1)A x2, (1)B, (1)A, (1)D, (1)A x2, (1)B,
(2)A, (1)B, (1)A x2, (1)F, (1)A x2, (1)F, (1)A x2, (1)G, (1)A, (1)F, **Place tack here,** (1)A, (1)G, (1)A x2, (1)F, (1)A x2,
 (1)F, (1)A x2, (1)B,
(2)A, (1)B, (1)A x2, (1)D, (1)A, (1)B, (1)A x2, (1)D, (1)A, (1)F x2, (1)A x2, (1)D, (1)A x3, (1)B, (1)A x3, (1)E,
(2)E, (1)E, (1)A x2, (1)C, (1)A, (1)B, (1)A x2, (1)D, (1)A x2, (1)F x2, (1)A x5, (1)B, (1)A x3, (1)B .

Round 26:
(2)A, (1)A x24,
(2)A, (1)A x24,
(2)AB, (1)A x24,
(2)BA, (1)A x24,
(2)A, (1)A x24.

Round 27:
(2)A, (1)A x24, (1)E,
(2)A, (1)E, (1)A x24,
(2)A, (1)A x13, **Place tack here,** (1)A x12.
(2)A, (1)A x24, (1)E,
(2)A, (1)E, (1)A x24.

Round 28:
(2)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A,
 (1)B, (1)A, (1)B, (1)A, (1)B, (1)A x2,
(2)B, (1)A x2, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A,
 (1)B, (1)A, (1)B, (1)A, (1)B, (1)A,
(2)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, x2, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A,
 (1)B, (1)A, (1)B, (1)A, (1)B, (1)A,
(2)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A,
 (1)B, (1)A, (1)B, (1)A, (1)B, (1)A x2,
(2)B, (1)A x2, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A, (1)B, (1)A,
 (1)B, (1)A, (1)B, (1)A, (1)B, (1)A.

Round 29:
(2)A, (1)A x27,
(2)A, (1)A x27,
(2)A, (1)A x13, (1)B, (1)A x13,
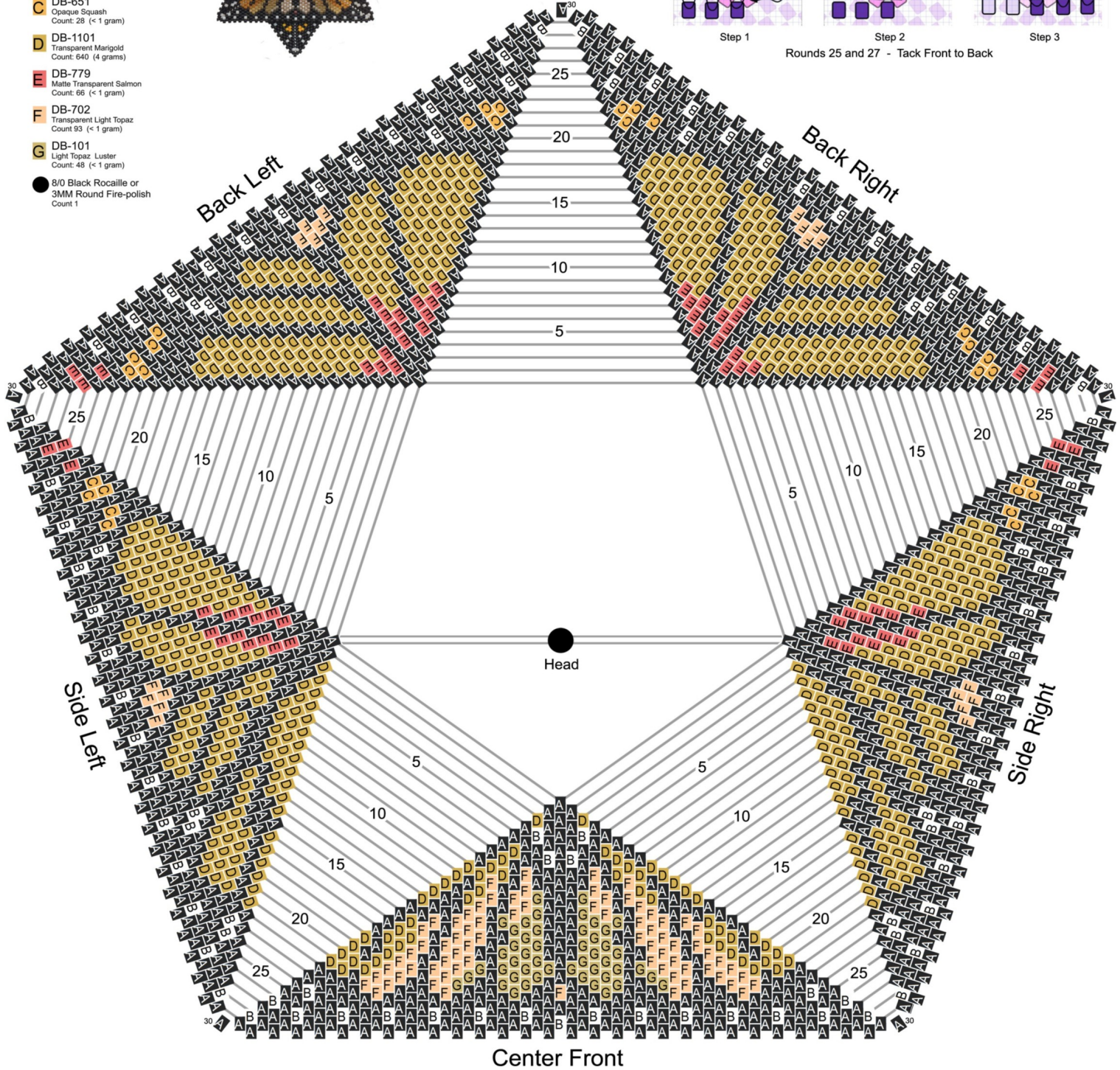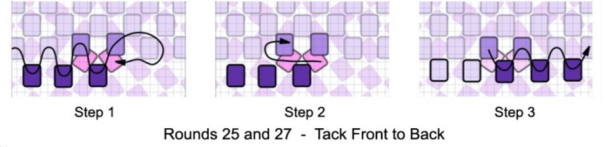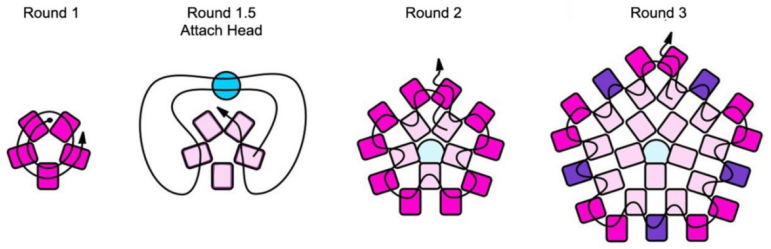**(2)A,** (1)A x27,
(2)A, (1)A x27.

Round 30: (1)A x145.

Monarch Graph P

A warped pentagon,
stitched in round peyote

Round 1   Round 1.5 Attach Head   Round 2   Round 3

A	DB-310	Matte Jet Black — Count: 1389 (7 grams)
B	DB-202	White Pearl AB — Count: 101 (< 1 gram)
C	DB-651	Opaque Squash — Count: 28 (< 1 gram)
D	DB-1101	Transparent Marigold — Count: 640 (4 grams)
E	DB-779	Matte Transparent Salmon — Count: 66 (< 1 gram)
F	DB-702	Transparent Light Topaz — Count 93 (< 1 gram)
G	DB-101	Light Topaz Luster — Count: 48 (< 1 gram)
●	8/0 Black Rocaille or 3MM Round Fire-polish	Count 1

Word-chart rounds
begin and end at
Center Back

Step 1   Step 2   Step 3

Rounds 25 and 27 - Tack Front to Back

Back Left

Back Right

30 ▼
25
20
15
10
5

30   30

25   20   15   10   5   5   10   15   20   25

Side Left   Side Right

● Head

5   5
10   10
15   15
20   20
25   25

30   30

Center Front

Monarch
Tablet-friendly Graph

A warped pentagon
stitched in round peyote

A DB-310
Matte Jet Black
Count: 1389 (7 grams)

B DB-202
White Pearl AB
Count: 101 (< 1 gram)
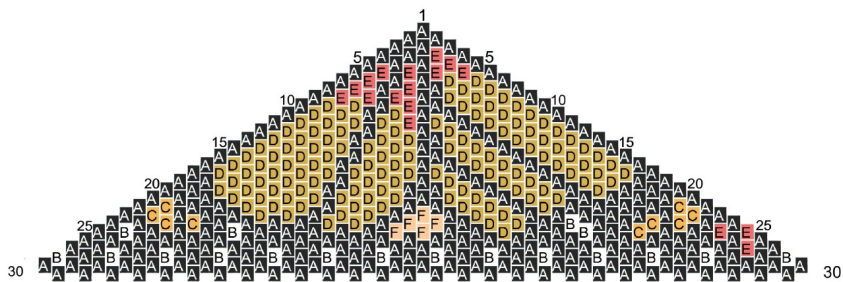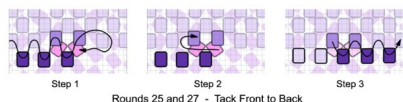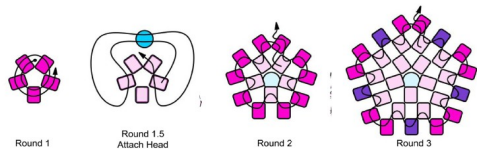
C DB-651
Opaque Squash
Count: 28 (< 1 gram)

D DB-1101
Transparent Marigold
Count: 640 (4 grams)

E DB-779
Matte Transparent Salmon
Count: 66 (< 1 gram)

F DB-702
Transparent Light Topaz
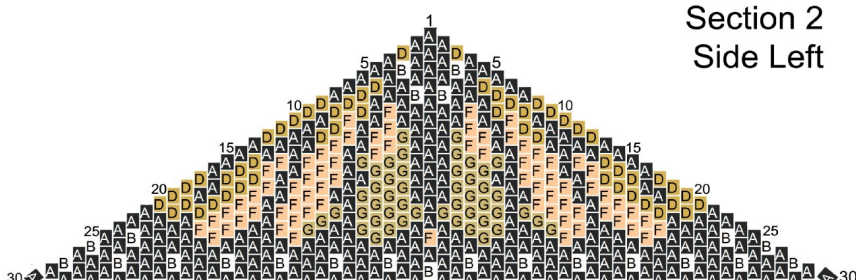Count 93 (< 1 gram)

G DB-101
Light Topaz Luster
Count: 48 (< 1 gram)

● 8/0 Black Rocaille or
3MM Round Fire-polish
Count 1

Round 1
Round 1.5 Attach Head
Round 2
Round 3

Step 1
Step 2
Step 3
Rounds 25 and 27 - Tack Front to Back

Section 1
Back Left

Section 5
Back Right

Section 2
Side Left

Section 4
Side Right
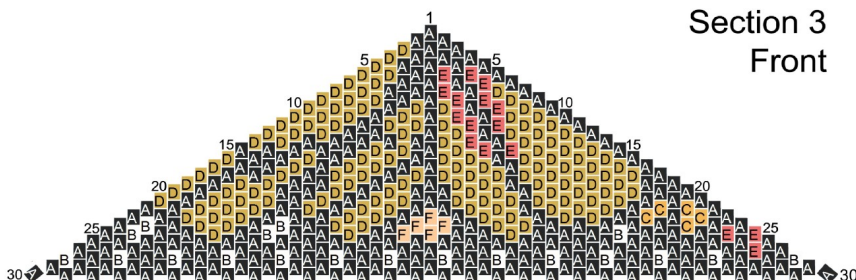
Section 3 Front
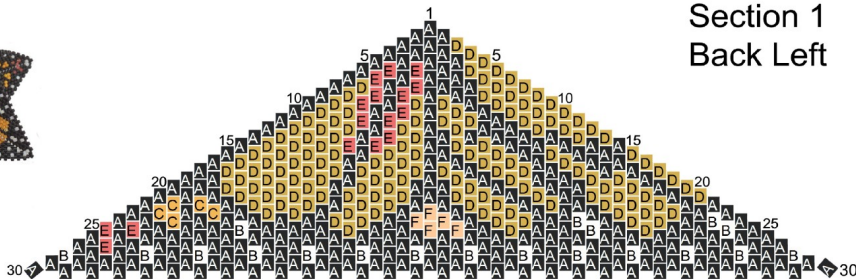
Section 1
Back Left

Section 2
Side Left

Section 3
Front

Section 4
Side Right

Section 5
Back Right