Grasshopper with spread wings

Sized for a 6 inch hoop (15 cm). The stitched design is about 4.6 × 4.5 in (11.7 × 11.4 cm).



Which color goes where: by number on page 2.
Fabric: black cotton or linen.

Stitch in this order

Filled parts from the back of the picture forward, then lines and knots.

1. **Trellis stitch**, 1 strand
   Wing rim
2. **Long and short stitch**, 1 strand
   Hind wings, forewings
3. **Satin stitch**, 2 strands
   Wing bands, shins, shin bands, hind legs, front legs, tail points, forewing spots
4. **Padded satin stitch**, 2 strands
   Gold discs, knees, body, head, eyes, shield
5. **Fly stitch**, 2 strands
   Band veins
6. **Stem stitch**, strands by part on page 2
   Band edges, wing veins, feet, front legs, body rings, forewing veins, antennae, shield edge, shield lines
7. **Couching**, strands by part on page 2
   Wing edges, leg edges, shield edge
8. **Straight stitch**, 2 strands
   Leg spines
9. **French knot**, 2 strands, two wraps
   Beads

In a 6 inch hoop the widest satin stitch shape is 1/2 in (13 mm) across. Satin stitches longer than about 12 mm (just under 1/2 in) tend to work loose: divide the shape into sections, or work it in long and short stitch.

In a 6 inch hoop the French knots are drawn smaller than about 2 mm (a little over 1/16 in). Use one strand of floss for them there, or choose a larger hoop.

Floss

- **1 DMC 3821 Straw**
  Wing rim and wing edges (lighter), wing veins and gold discs and 10 more parts
- **2 DMC 729 Medium Old Gold**
  Hind legs (lightest), body (lighter), wing edges and wing rim (darker) and 6 more parts
- **3 DMC 347 Very Dark Salmon**
  Hind wings (dark), shins and eyes
- **4 DMC 350 Medium Coral** Hind wings (middle dark)
- **5 DMC 3341 Apricot** Hind wings (light)
- **6 DMC 964 Light Seagreen**
  Hind wings (lightest), beads (lighter)
- **7 DMC 3810 Dark Turquoise**
  Hind wings (middle light), band veins
- **8 DMC 3808 Ultra Very Dark Turquoise**
  Hind wings (darkest)
- **9 DMC 154 Very Dark Grape**
  Wing bands, forewing spots and knees, hind legs (darkest)
- **10 DMC 936 Very Dark Avocado Green**
  Shield, hind legs (dark)
- **11 DMC 732 Olive Green**
  Body and front legs (darker), hind legs (light), head
- **12 DMC 783 Medium Topaz** Forewings (light)
- **13 DMC 300 Very Dark Mahogany**
  Forewings (darkest)
- **14 DMC 780 Ultra Very Dark Topaz**
  Forewings (dark)

Three ways onto dark fabric

1. **Light shines through it**
   Lay page 3 on a bright light box, tape the fabric over it and trace the lines with a white marking pencil or pen.
2. **No light shines through**
   Print page 3 on a sticky wash-away sheet, smooth it onto fabric that can be washed, stitch through both and rinse it away.
3. **White or yellow carbon paper**
   Lay it colored side down on the fabric with page 3 on top, tape the layers and trace firmly with a ballpoint pen. Go over a faint line with a white pencil.

Page 3 is the pattern at actual size (page 4 is its mirror, for an iron-on pen on a light fabric). Print it at 100% with scaling turned off. Then put the fabric in the hoop: inner ring under, drawing up, tight as a drum.

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Grasshopper with spread wings

6 inch hoop

How to read it

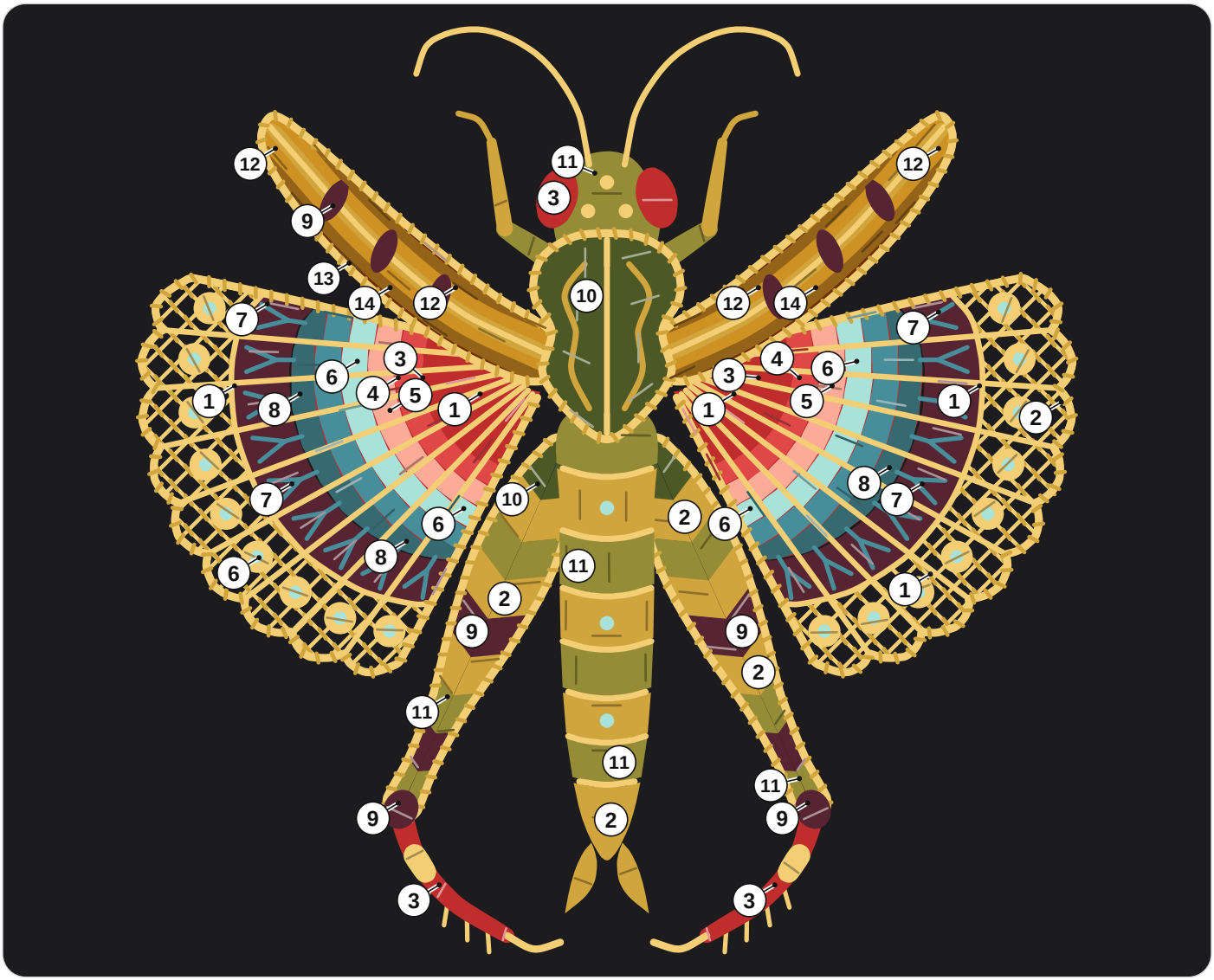
Floss is six strands. Cut 18 inches (45 cm), pull out the number given one at a time, and lay them together.

Inside a filled shape start with two or three tiny stitches, which the filling covers. Start a line with a small knot on the back. End each thread by running the needle under the backs of a few stitches.

Each small ring is one French knot. A fine broken line inside a shape is where two shades meet: trace it, do not stitch it.

A number on the picture is a color of the list of floss on page 1. The fine lines on the colors show which way the stitches lie.

Every stitch in pictures: flossfield.com/embroidery/stitches. The first time: flossfield.com/embroidery/guides/how-to-start.



1	DMC 3821 Straw	**6**	DMC 964 Light Seagreen	**11**	DMC 732 Olive Green
2	DMC 729 Medium Old Gold	**7**	DMC 3810 Dark Turquoise	**12**	DMC 783 Medium Topaz
3	DMC 347 Very Dark Salmon	**8**	DMC 3808 Ultra Very Dark Turquoise	**13**	DMC 300 Very Dark Mahogany
4	DMC 350 Medium Coral	**9**	DMC 154 Very Dark Grape	**14**	DMC 780 Ultra Very Dark Topaz
5	DMC 3341 Apricot	**10**	DMC 936 Very Dark Avocado Green		

How many strands

Stem stitch. 3 strands: feet; 2 strands: front legs, body rings, antennae, shield edge, shield lines; 1 strand: band edges, wing veins, forewing veins.
Couching. 4 strands: shield edge; 3 or 4 strands: wing edges; 3 strands: leg edges.

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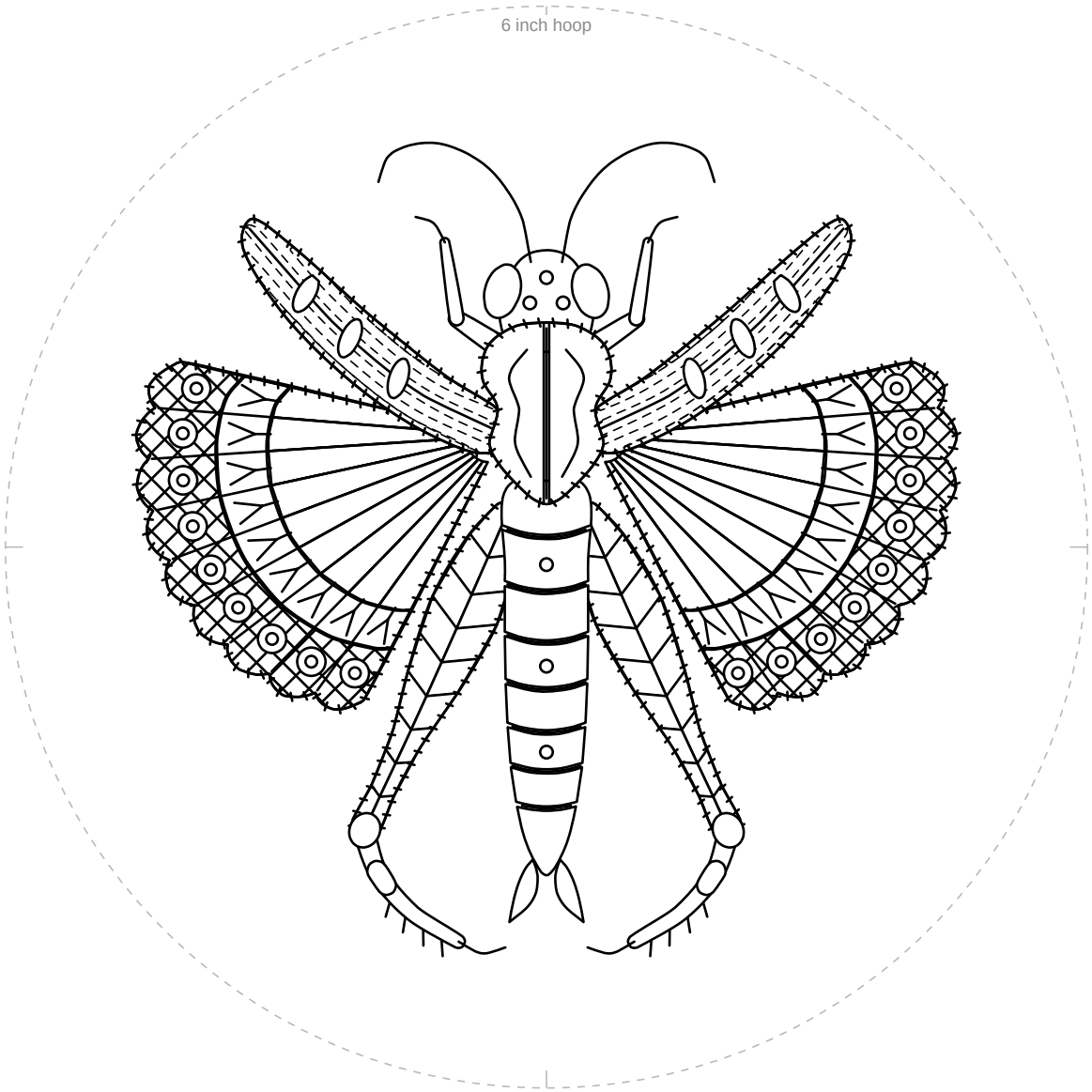
Grasshopper with spread wings

6 inch hoop

Print at 100% and check the square below with a ruler. Fold the fabric in four: the folds meet the four ticks of the ring.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
If it measures anything else, print again at 100% with scaling off.

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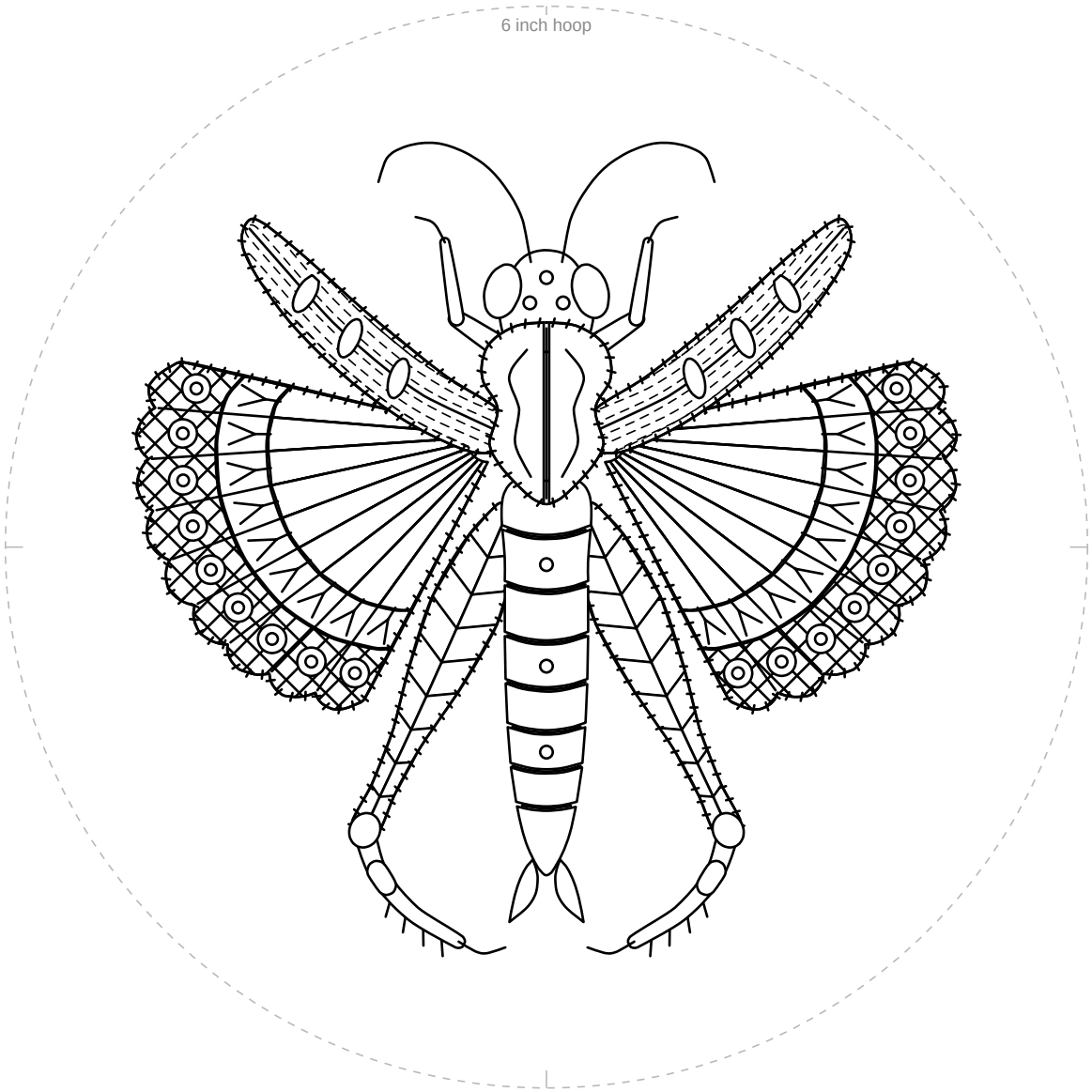
Grasshopper with spread wings

6 inch hoop

Mirrored. Trace this page with an iron-on transfer pen or pencil, then press it ink side down on the fabric.



1 in
25.4 mm

Check square: 1 inch (25.4 mm) on each side.
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