

By Denise Bein Kroll

# Spikes and Whorls Footies

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I'm not usually one to base a design solely on the color of the yarn, but this lavender yarn challenged me to design a lace that actually resembled lavender. The columns of twisted stitches that form a series of stacked loops, plus the waving eyelets suggest the plants own 'spikes and whorls'.

## Intermediate

Size: Women's medium/large (Circumference 8.5" - 9" / Length 9.5" customizable)

**Gauge**: 34 st and 40 rows = 4" in stockinette

Materials: about 40-50 grams of fingering weight yarn. The larger size might take slightly more than 50 grams for a loose knitter or a longer foot.

Shown in Hikoo Cobasi (Light Fingering / 3 ply 55% Cotton, 21% Nylon, 16% Bamboo, 8% Silk 220 yards / 50 grams) and Simply Sock by Simply Sock Yarn Co, Fingering / 4 ply, 80% Merino, 20% Nylon, 175 yards / 50 grams

**Needles:** Set of Size 2.25mm (US 1) needles (dpn or 32" circular as preferred)

**Notions:** Stitch markers, row counter and darning needle

**Pattern notes**: The lace will stretch more horizontally than vertically, so measure slightly stretched when doing any measurements.

**The chart is worked on the instep only.** Charts are given at the end of the pattern for clarity. Work the appropriate chart for the version/ size intended.

Instructions for larger size are given in parenthesis () unless otherwise stated

#### **Directions:**

Cuff: Using the long tail method, cast on 60 (64) stitches, join to work in the round (being careful not to twist)

Work 8 rounds Ribbing: K2, P2, repeat to end

Knit 1 eyelet round as follows: K2, YO, K2tog, repeat to end

Knit 1 round, then begin short rows on next 30(32) stitches.

# Short row shaping and heel set up:

Row 1: Knit 27(29), W&T

Row 2: P24(26), W&T

Row 3: Knit 27(29), picking up wrapped stitch, turn

Row 4: \$1, P29(31), picking up wrapped stitch.

Set up is complete, begin working the heel on 30(32) stitches

**Heel Flap:** Work Eye of Partridge heel (worked back and forth) on 30(32) stitches.

Row 1: \*S1, K1 repeat from \* to end

Row 2: \$1, P to end

Row 3, \$1, \*\$1, K1, repeat from \* to last two stitches, K2

Row 4: \$1, P to end

Repeat these 4 rows until 32 total rows have been worked.

#### Heel turn:

Set up rows: Knit 17(18), SSK, K1, turn, SI1, P5, P2tog, P1, turn

Row 1: Knit to 1 stitch before the gap, SSK, K1, turn

Row 2: Purl to one stitch before the gap, P2tog, P1, turn

Repeat rows 1 and 2 until all stitches on each side of gaps have been worked (18 stitches remain)

#### Knit 1 row

**Gusset:** (Lace pattern on instep begins with the first round of gusset)

Pick up 17 (18) stitches on left side of heel flap, work chart row 1 on instep, pick up 17 (18) stitches on right side of instep, knit 9 heel stitches.

There should now be 1/2 heel/gusset stitches on needle 1, instep stitches on needle 2 and 1/2 heel/gusset stitches on needle 3).

Round begins in center of heel. Work (chart) round 2 without decreasing.

Round 1 (Decrease round): Knit to 3 stitches before beginning of instep, K2tog, K1, knit instep according to chart, K1, SSK, knit to end

Round 2: Knit all heel/gusset stitches, work instep according to chart

Work these two rounds until 60(64) stitches remain.

**Foot:** Continue working chart rounds until reaching approximately 1.5" less than desired length (the base of the big toe).

Knit 1 round

# Toe shaping:

Decrease round: : Knit to 3 stitches before beginning of instep, K2tog, K1, K1, SSK, knit to 3 stitches before last instep stitch K2tog, K1, K1, SSK, knit to end.

Knit 1 round

Now, alternate 1 decrease round and one knit round until 32 stitches remain

Then work only decrease round until 20 stitches remain, knit across needle 1 with needle 3 so there are 10 stitches on each needle.

Finishing: Close the toe using Kitchener stitch, Knit second footie, enjoy!



# Charts

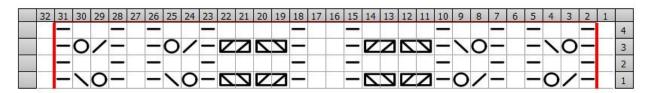
#### Terms and abbreviations:

W&T - slip stitch to right needle, wrap working yarn around stitch, slip back to left needle, turn work

\$1 - slip 1 stitch purl-wise



**Lace pattern for instep**: for 60 stitch sock, work area of chart bordered in red (omit first and last stitch)



## Chart rounds:

Round 1: (k1) p1, k2tog, yo, p1, k1, p1, k2tog, yo, p1, 11rc, 11lc, p1, k2, p1, 11rc, 11lc, p1, yo, ssk, p1, k1, p1, yo, ssk, p1 (K1)

Round 2: (k1) k5, p1, k2, p1, k4, p1, k2, p1, k4, p1, k2, p1, k1, p1, k2, p1, (k1)

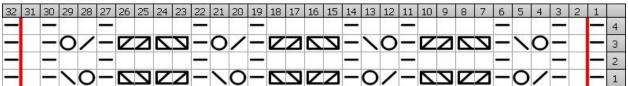
Round 3: (k2) K1, yo, ssk, k2, p1, yo, ssk, p1, 11lc, 11rc, p1, k2, p1, 11lc, 11rc, p1, k2tog, yo, p1, k1, p1, k2tog, yo, p1, (k1)

Round 4: (k1) k5, p1, k2, p1, k4, p1, k2, p1, k4, p1, k2, p1, k1, p1, k2, p1, (k1)



## **Alternate Chart**

For a variation on the theme, try knitting a pair with this chart. As with the original, if making the 60 stitches/med size, omit the 1st and last stitch on the chart:



Round 1: (p1) k1, p1, k2tog, yo, p1, 11rc, 11lc, p1, k2tog, yo, p1, 11rc, 11lc, p1, yo, ssk, p1, 11rc, 11lc, p1, yo, ssk, p1, k1 (p1)

Round 2: (p1) k1, p1, k2, p1, k4, p1, k2, p1, k4, p1, k2, p1, k4, p1, k2, p1, k1 (p1)

Round 3: (p1) k1, p1, yo, ssk, p1, 11lc, 11rc, p1, yo, ssk, p1, 11lc, 11rc, p1, k2tog, yo, p1,

11lc, 11rc, p1, k2tog, yo, p1, k1 (p1)

Round 4: (p1) k1, p1, k2, p1, k4, p1, k2, p1, k4, p1, k2, p1, k4, p1, k2, p1, k1 (p1)