Rapunzel

Toe-up House Socks with Staggered Fern Lace Panel and Faux Cable Rib

Skill Level:
Intermediate/Advanced

Skills used:
Short-rows, basic crochet, circular knitting with magic-loop, lace knitting, cabling

Knitting abbreviations:
See Appendix B

Yarn: 1 skein, Cascade 220, Peruvian Highland Wool – Color 4148 – Sterling Lavender (~ 83g)

Needles: Size 5, 32" circular for magic loop method.
Crochet Hook – size G (6)
Gauge: 22 sts over 4" st st. A tightly knit material is required for socks.
Notions: Cable Needle, tapestry needle, stitch marker

box in pattern is to check off rows or steps completed.

Begin with Provisional Cast-on:
Using waste yarn, of another color, similar gauge, chain stitch about 26 sts with crochet hook. Cut waste yarn and secure tail so the chain can be "unzipped" later.

Using your sock yarn, knit into the horizontal bar under each crochet chain for 20 sts (careful not to split waste yarn). (See photo). Turn.

P across those 20 sts.

Row 1: K 19 sts, yfwd, sl last unworked st from the left needle to the right needle. Turn.

Row 2: wyif sl 1 (wrapping yarn around outside of the 1st st), P 18, wyib sl last st. Turn.

Row 3: wyib sl 1 (wrapping yarn around the 1st st), k across, stopping before the st BEFORE the wrapped/unworked st, yfwd, sl st. Turn.

Row 4: wyif sl 1 (wrap), purl across to the st BEFORE the unworked st, wyib sl last st. Turn.

Repeat Rows 3 and 4 until 7 of the toe stitches are wrapped and on left side, 6 stitches are "live" in the middle, and 7 are wrapped and on the right. Ending on a WS row. (See photo).

Row 1: (RS) wyib, wrap 7ths stitch on right. K across, stopping before the wrapped st (6), K next st tog WITH it's wrap(s), wrap next st (wyif, sl st). Turn.
(Tip: When picking up wrap(s), insert needle from above loop.)
Row 2: wyif sl double-wrapped st, P (7), P next st tog WITH it's wrap (or double-wrap), wrap next st (wyib sl st purl-wise). Turn.
Continue row 1 & 2 until all 20 sts have been knitted and all wraps have been worked, ending on a WS row – purling the last wraps.

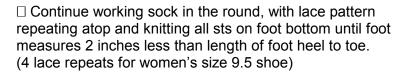Undo waste yarn chain and pick up 20 sts on to needle to begin working in the round. (40 sts)
Wyif, sl st from end of rnd from right needle to left needle, wrap and return to right needle.
Place marker at beginning of round.
K 1 rnd using magic loop method (starting with 20 sts on left needle, a loop of circular needle cable, then 20 sts on cable, right needle empty).

Begin foot pattern:

K 20 st lace pattern (Appendix A) across top of foot, K remaining 20 sts to end of rnd.

Continue working sock in the round, with lace pattern repeating atop and knitting all sts on foot bottom until foot measures 2 inches less than length of foot heel to toe.
(4 lace repeats for women's size 9.5 shoe)

Short Row Heel:
Row 1: work 20 sts of pattern across top of foot and K 19 stitches across bottom of foot.
Before last st, wyif, sl the last st. Turn.
Row 2: wyif, sl the first, unworked, st from the left needle to the right needle. P 18, wyib sl last st. Turn.
Row 3: wyib, Sl the first st, K across to the last st before the unworked st (17 sts). Wrap and turn.
Row 4: Sl the first st and P across to the st before the unworked st. Wrap and turn.

Repeat Rows 3 and 4 until 6 of the heel sts are wrapped and on left side, 8 st are "live" in the middle, and 6 are wrapped and on the right. Ending WS row with the last wrap.

Second half of the heel:
Row 1: K 8 live sts across to the first unworked, wrapped st. pick up the wrap and Ktog with the st. Wrap the next st (so that it now has two wraps). Turn.
Row 2: Sl the first (double-wrapped) st and P across (9) to the first unworked, wrapped st. Pick up the wrap and purl it together with the st. Wrap the next st and turn.

On subsequent rows you will pick up both wraps and K or P them

together with the st. Remember to pick up wraps inserting needle from above loop.

   Continue until you have worked all the sts and you once again have 20 "live" sts. Last st with two wraps Ktog on WS row.

   Work 20 sts, pick up 1 st in gutter and K
   Work 20 sts in pattern, pick up 1 st in gutter and K, K to 2 sts before end of rnd, K2tog.
   Work 20 sts in pattern, SSK, K19 sts across bottom to end of rnd.
   Work 1 rnd even.

Continue working 20 st leaf pattern on front of leg and **begin** 20st Faux Cable Ribbing (Appendix A) on back of leg.

   Work until measures 6.5" from bottom of heel or desired height. (Approximately 7 lace repeats from toe)
                Work ribbing as follows; [K1, (P2, K2) 9 times, P2, K1] for 6 rnds.
Bind off very loosely, weave in tails and block lace flat.

Knit second sock the same as first.

Washing Instructions: Gentle hand wash in cool water as needed. Lay flat to dry and block.

Pattern Notes:

Appendix A:

Lace pattern: 20 sts across top of foot
Row 1:   P2, K9, (YO, K1) twice, K2, sl 1, K2tog, psso, P2.
Row 2 and every even row: Knit.
Row 3:   P2, K10, (YO, K1) twice, K1, sl 1, K2tog, psso, P2.
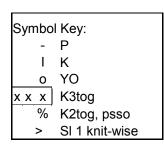Row 5:   P2, K3tog, K4, (YO, K1) twice, K2, (YO, K1) twice, sl 1, K2tog, psso, P2.
Row 7:   P2, K3tog, K3, (YO, K1) twice, K8, P2.
Row 9:   P2, K3tog, K2, (YO, K1) twice, K9, P2.
Row 11:   P2, K3tog, K1, (YO, K1) twice, K2, (YO, K1) twice, K3, sl 1, K2tog, psso, P2.
Row 12:   Knit.

Symbol Key:

Symbol	Meaning
-	P
I	K
o	YO
x x x	K3tog
%	K2tog, psso
>	Sl 1 knit-wise

Design Note: Staggered Fern Lace Panel was sourced from *365 Knitting Stitches a Year Perpetual Calendar*, page: November 28

Faux Cable Ribbing: 20 sts across back of leg
Row 1: K1, [P2, sl 1 to cn and hold to *back*, K1, K1 from cn, P2, K2] twice, P2, K1
Row 2: K1, [P2, K2] 4 times, P2, K1.
Row 3: K1, [P2, K2, P2, sl 1 to cn and hold to *front*, K1, K1 from cn] twice, P2, K1
Row 4: same as row 2.

Appendix B:

St(s) =	Stitch(s)
St st =	Stockinet stitch
Rnd =	Round
K =	Knit
P =	Purl
sl =	Slip stitch from left to right needle
YO =	yarn over
Psso =	Pass slipped stitch over
K2tog =	knit two stitches together
K3tog =	knit three stitches together
wyif =	with yarn in front
wyib =	with yarn in back
ssk =	Sl 2 sts knit-wise, knit them together from right
RS =	needle
WS =	Right side row
cn =	Wrong side row
	Cable needle

Version 1.0