

Globigerinoides Ruber

A Foramin Knitting Pattern
By Naomi Spinak, Science Fiber



www.joidesresolution.org



FINISHED SIZE:

Approximately 8 inches tall, 7 inches across, 6 inches deep depending on yarn.

MATERIALS:

2 balls of Rowan Felted Aran Tweed (50 grams each) or heavy worsted yarn to match gauge (MC)

Optional: Around 50 yards dark heavy worsted yarn for aperatures as contrast(CC).

For contrast sample, I used 1 ball (I needed about 180 yards) Brooklyn Tweed Quarry in Gypsum for Main Color and Flint for Contrast Color.

2 yards Waste yarn in a bright color for making holes
4 ounces of wool roving

GAUGE:

17-18 stitches in 4 inches.

NEEDLES AND NOTIONS:

Set of size 7 double point needles (I love Carbonz for their sturdiness in turning small pieces)

Locking markers

GLOSSARY:

P:Purl

K:Knit

YRN:Yarn over

KFB: Knit into front and back of stitch to increase by 1 stitch.

K2Tog: Knit 2 stitches together to decrease by 1 stitch.

STAGGERED BAMBOO STITCH:

PATTERN ROUND 1: K1, *YRN, K2, Pass YRN over 2 Knit stitches* Repeat to last stitch in round, K1

PATTERN ROUND 2: *YRN, K2, Pass YRN over K2* Repeat to end of round.

Start the first globe:

With double point needles and MC, cast on 9 stitches. Join in the round. Place a marker to indicate the start of the round.

Round 1: Knit

Increase Rounds: Round 2: Increase round: *KFB* into each stitch, repeat ** (18 stitches total)

Round 3: Pattern Row 1

You may shift stitches from needle to needle to make completing the pattern easier, you can leave them or even them out after.

Round 4: Increase round: *K1, KFB*, repeat ** around. (27 stitches total)

Round 5: Pattern Row 2 to last stitch, P.

Round 6: Increase round: *K2, KFB* Repeat ** around. (36 stitches total)

Round 7: Pattern Round 1

Round 8: Increase round: *K3, KFB* Repeat ** to end of round (45 stitches total)

Round 9: Pattern Round 2 to last stitch, P.

Round 10: Increase round: *K4, KFB* Repeat ** around. (54 stitches total)

Round 11: Pattern Round 1. Place a marker at the beginning of the round.

Round 12: Knit

Round 13: Pattern Round 2

Round 14: Knit

Repeat rounds 11-14 until you have 2" from marker, ending with Pattern Round 2.

Decrease rounds: 1. *K4, K2Tog* Repeat ** around. (45 stitches total)

Round 2: Pattern Round 1

Round 3: Decrease round: *K3, K2Tog* Repeat ** around. (36 stitches total)

Round 4: Pattern Round 2

Round 5: Decrease round: *K2, K2Tog* Repeat ** around. (27 stitches total)

Round 6: Pattern Round 1.

Thread the cast on tail of yarn onto a darning needle, draw through stitches to close hole, and pull tail to end. Start stuffing the globe with wool roving or polyfill.

Then start second globe:

Repeat globe instructions from Increase Round 6 to Decrease Round 6.

Round 7: Decrease round: *K1, K2Tog* Repeat ** around. (18 stitches total)

Round 8: Pattern Round 2.

Round 9: Decrease round: *K2Tog* around. (9 stitches total). Cut yarn. Stuff your globigerinoides. Thread tail through remaining stitches to close the hole and thread tail through microfossil to hide.



Start the top globe with the aperture:

Using double point needles, cast on 9 stitches, optionally with dark contrast color. Divide stitches onto three needles, join in the round. Place a stitch marker on the first stitch to mark the beginning of the round.

Round 1: Knit.

Round 2: KFB in every stitch (18 stitches total).

Round 3: Pattern Round 1

Round 4: *K1, KFB*. Repeat across round. (27 stitches total).

Round 5: Pattern Round 2 to last stitch, P1

Round 6: *K2, KFB*. Repeat across round. (36 stitches total).

Round 7: Pattern Round 1

Round 8: Knit

Round 9: Pattern Round 2

Round 10: Knit.

Repeat Rounds 7-11 until your piece measures 3" from the cast on. End after a Pattern Round 1.

Purl one round.

If you are using a contrast color, cut yarn and switch to MC at this point.

Next round: Increase round 1: *K2, KFB* Repeat around. (48 stitches total)

Round 2: Pattern Round 2

Round 3: Increase round: *K3, KFB" Repeat around. (60 stitches total)

Round 4: Pattern Round 1

Round 5: Increase round: *K4, KFB* Repeat around. (72 stitches total).

Place a marker at start of next round.

Round 6: Pattern Round 2

Round 7: Knit

Round 8: Pattern Round 1

Round 9: Knit.

Repeat rounds 6-9 until you have 2 1/2" from marker. Finish after a pattern round 1.

If you've moved stitches from needle to needle, rearrange stitches so each needle has 24 stitches.

Decrease round 1: *K4, K2Tog* Repeat ** around. (60 stitches total)

Round 2: Needle 1: Pattern Round 2 to end of needle.

Needle 2: Knit 2, Knit 6 stitches with contrast waste yarn, turn, place yarn in back, knit those same 6 stitches in waste yarn, cut waste yarn with 6" tail.

You've now held those 6 stitches for holes. Turn, knit 10 stitches in Main Color yarn. Knit next 6 stitches in waste yarn, turn, place yarn in back, knit same 6 stitches in waste yarn, cut waste yarn with 6" tail. Turn.

Knit 8 stitches in main color yarn, you should be at the end of that needle. Make sure all ends of waste yarn are on the outside of your microfossil.

Needle 3: Pattern Round 2 to end of needle.

Round 3: Decrease round: *K3, K2Tog* Repeat ** around. (48 stitches total)

At this point, thread tail from the start of your globe through cast on stitches at start to close hole and pull tail through center but do not cut it. Push the hole into the globe, folding on the purl line, so it forms the aperture. Start to stuff this globe lightly with fiberfill or wool roving around the aperture, keeping the tail pulled out.

Round 4: Pattern Round 1

Round 5: Decrease round: *K2, K2Tog* Repeat ** around. (36 stitches total)

Round 6: Pattern Round 2

Round 7: Decrease round: *K1, K2Tog* Repeat ** around. (24 stitches total)

Round 8: Pattern Round 1

Round 9: Decrease round: *K2Tog* Repeat ** around. (12 stitches total)

Round 10: Pattern Round 2

Round 11: Decrease round: *K2Tog* Repeat ** around. (6 stitches total)

Finish stuffing lightly.

Cut yarn. Holding cast on (in center of your aperture) and cast off tails together, thread tails through remaining stitches, pull through to close to keep "ocula" in place. Hide tail in microfossil.



Making the holes in the back of the globe:

You have 12 stitches on each opening in contrast yarn on the back of your globe. If you have 13 stitches when you pull out the contrast yarn, Purl 2Tog to get 12. Place the stitches on 2 double point needles and pull out the contrast yarn. Divide stitches on three needles and join either main color or your dark contrast yarn. Place a marker at the start of your round. Knit one round.

Purl in the round for 2 inches.

Next round: K2Tog all around.

Cut yarn with 10" tail, thread through remaining stitches, pull tail through the center to pull the "finger" into the globe to make a depression. Weave in the ends to close any gaps.

Repeat for second hole.

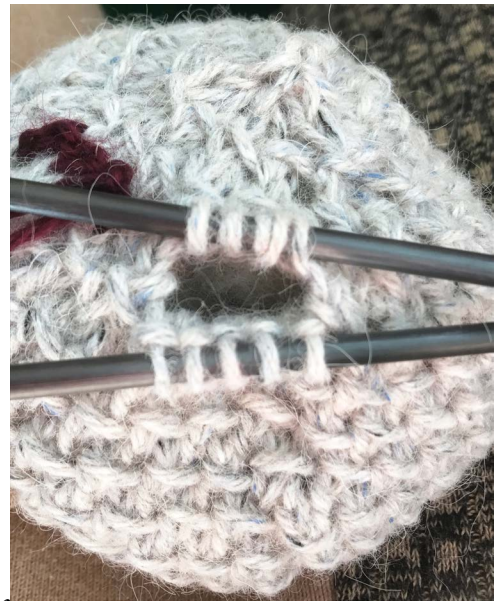
Using a darning needle and your main color yarn, attach this globe with the aperture and 2 holes in the back centered on your double globe with the two holes towards the bottom of the back..

Globes on back of Globigerinoides:

Turn globigerinoides over, and pick up 16 stitches on each of three double pointed needles going up diagonally from center of double globe, and across the join of the two to form a triangle. (48 stitches)



Pick up stitches here.



Join Main Color yarn and place a marker to indicate the start of the round.

Knit one round.

Round 2: Pattern round 1

Round 3: Knit

Round 4: Pattern round 2

Round 5: Knit.

Repeat rounds 2-5 until you have 1 1/2" from the marker. Finish after a Pattern Round 2.

Next: Decrease rounds:

Round 1: Decrease round: K2Tog (2x), K8, K2Tog (2x).

Repeat on each needle.(36 stitches total)

Round 2: Pattern Round 1

Round 4: Decrease round: K2Tog (2x), K4, K2Tog (2x) Repeat on each needle. (24 stitches total)

Round 5: Pattern Round 2

Round 6: Decrease round: K2Tog, K4, K2Tog (3x).(18 stitches total)

Round 7: Pattern Round 1

Round 8: Decrease round: K2Tog, K2, K2Tog. (3x) (12 stitches total)

Stuff globe firmly.

Round 9: Pattern Round 2

Round 10: Decrease: K2Tog all around. 6 stitches remain.

Cut yarn, thread through remaining stitches and pull to close.

You have a Globigerinoides Ruber. Congrats!