



warp and weft

Vol. XXIII, No. 10

November, 1970

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Assistant Editor: Robin Groff

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A Word from the Editor:

Hurrah, the city council has now approved the additions to our shop; and the architects are just about finished with the drawings. So, this means that in perhaps a month the actual construction will begin.

We are delighted with the addition, as it keeps in character with the existing portion of the shop, and actually, makes it look more like a home from the outside than a business.

We will have a covered breezeway into the shop, with the plantings on both sides of the breezeway, and also, we will have an addition in the back for storage, as well as in the front for display area. And, our office working area will be enlarged slightly, so that we will have more room for where most of our work is done.

Janice, our daughter is now attending Oregon State University, and while she is there, we were very pleased that she wanted to do some weaving. The sample this month, is one that I planned at Banff this summer, and then Janice wove the 10 yards of fabric in her free time, while at college. She wants to do more and more of this to earn some money to attend a special school next summer for 12 weeks, so this is her way of earning the tuition for this special school.

And, we are all busy here. Robin has been taking a six week's course in Macrame and is enjoying it very much. She loves to do all kinds of crafts, and this is one that doesn't require much equipment to take along.

And here at the shop, things are busy and hectic also. We have just received a shipment

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of 1,000 lbs. of spun silk from Switzerland, and now have to arrange to put it out on display. And, our latest shipment of 2,000 lbs. of 2/18's worsted, and the heavy 2 ply English Rug yarn is due to arrive here today or tomorrow, in some 43 large cartons, so you can see what a job it will be to put away some 4,000 to 5,000 cones of yarn and to pack it in plastic bags to keep it clean and neat. When this does arrive, it will keep the three high school students who work for us, busy for a good while.

And, your editor has just planned a very pretty linen and ramie project for next month's issue of Warp and Weft. Over this past weekend, Janice then prepared the warp, and she will start weaving this at Oregon State this coming week.

We've had many delays from suppliers on so many threads lately, and price increases galore. It certainly is hard to keep up with them, and I wonder myself, if the prices keep rising, if some businesses such as ours will not be priced off the market.

And Robin and I have been enjoying school football games each weekend, and we should tell you that the local college, LINFIELD, is undefeated in football as of this writing after seven games. This is one of the few times that we do get out, so we do enjoy this sport very much.

Well, enough of this, and back to our sample for this month.

Russell E. Groff, *Editor*

Remember The Pacific Northwest Weaving Conference in Portland

PACIFIC NORTHWEST CONFERENCE TIME is April 30, and May 1st and 2nd, 1971. Three speakers will be presented at this conference, and it will be an outstanding one. It will be at the Portland Hilton Hotel, and perhaps you can combine it with a visit to our shop in McMinnville, just 40 miles from Portland. For further information write to: Mrs. Robert Marshall, 3425 N. E. Ainsworth, Portland, Oregon 97233.

This Month's Cover Photograph

The cover photograph is one that your editor took at the Northern California Handweavers conference this year in May. It was either wall hanging or tapestry, or you could call it both if you wished.

What was intriguing to me though was the way in which the weaver tied these narrow bands of fabric together to make a wall hanging or tapestry out of it. The weft shots of two bands were woven together in some areas to tie it together. Then each band was woven individually for a while and then they were woven together again. And you can see how the weaver used a lot of imagination and tied these together with some of her weft thread, and then hung beads on these ties to make it even more attractive.

I do not know who the weaver was, but I felt this was a most unusual fabric, so we took the picture to share it with you.

This Month's Second Project:

A MAN'S SCARF IN SHADES OF BLUE is the project that we will tell you about as our 2nd one this month. It also is one of the projects that we did at Banff this summer.

You might like this project. It is easy to do, and fairly fast, and also not too expensive.

Our threading draft is a straight twill, 1, 2, 3, 4 over and over. In the warp, we used four shades of blue, English 2 ply rug warp and one shade of natural.

WARP: English Rug Yarn, 2 ply fine weight with 550 yards per lb. We used natural eight ends, light blue ten ends, medium blue 12 ends, royal blue 14 ends and navy blue, 20 ends, and we repeated this sequence twice in our 16" wide warp.

REED USED: a four dent reed was used, and it was double sleyed, two ends per dent, or eight threads per inch.

WARP LENGTH:

We did a three yard warp, eight threads per inch, 16" wide, and from this we had 80" of woven scarf, plus a fringe on each end of about three inches length.

WEFT:

In our weft we used six ends of an 18/2 worsted all wound together on one bobbin as the main weft thread. We used the three colors Monday Blue, Horizon Blue, and Dark Turquoise all in our 2/18's Fabri-type worsted, which we had spun and dyed to order for us in England. And the second thread used in the weft was a brushed mohair, in a variegated blue, like the Dutch mohair, and it was used double on the bobbin in the weft.

TREADLING SEQUENCE:

We used 20 threads in one complete pattern repeat. We did this deliberately so that the mohair would not appear on the same shed except every 5th time. Our treadling was:

A. Treadle 1, then 2, then 3, and 4 with the 6 fold wool, and then treadle 1 with the brushed mohair.

B. Treadle 2, then 3, then 4, then 1 with the 6 fold wool and then treadle No. 2 with brushed mohair.

C. Treadle 3, then 4, then 1, then 2 with the 6 fold wool, and then treadle No. 3, with brushed mohair.

D. Treadle 4, then 1, then 2, then 3 with the 6 fold wool, and then treadle No. 4, with brushed mohair.

END OF ONE COMPLETE PATTERN, AND YOU REPEAT OVER AND OVER AS DESIRED.

More About this Scarf:

You'll say they are crazy to use rug wool in the warp, as it is harsh and stiff, but this is not so. This is a beautiful quality rug wool, and is not harsh as it is so much softer than most of the rug wools made here in America. And then, to make the scarf extra soft, we took the six ends of 2/18's all together on the bobbin. When you wind two or more threads

(Continued on page 6)

A PLACEMAT PROJECT IN M's and O's

This month's sample is one we planned while at Banff this summer. It should be very satisfactory for mats, as it is fairly heavy, and should be very durable as it is of linen and ramie.

THREADING DRAFT:

4			X	X			X	X
3	X	O					X	X
2			X	X	X	O		
1	X	O			X	O		

KEY TO THREADS IN THE WARP:

- X — 10/2 Bleached White Irish Linen
- O — 2½ lea, Nat. Grey Swiss Slub Linen

WARP:

There were two threads used in the warp. One was the 10/2 Bleached Irish Linen which we stock and import ourselves, and the other is the 2½ lea, Natural Gray Slub Linen from Switzerland.

WEFT:

We used three different threads in the weft. One is the 2½ lea slub linen from Switzerland in Bleached White. The second thread was the 16/2 Ramie in a dark brown color called Dutch Chocolate. The third thread was also a 16/2 Ramie in a color which is called Rusty Brown.

REED USED:

A 10 dent reed was used, and we had a special sleying of the reed, because of the heavy grey slub linen in the warp. All of the 10/2 linen was sleyed two ends per dent, while the heavy 2½ lea, natural gray slub linen was sleyed one end per dent. With this sleying, we came out to 16 threads per inch for this fabric.

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TIE-UP DRAFT:

4	X	X	O	O	X	O
3	X	O	O	X	O	X
2	O	O	X	X	X	O
1	O	X	X	O	O	X
	1	2	3	4	5	6
					A	B

X — tie-up for Counter-balanced looms.
O — tie-up for Jack-type looms.

SAMPLE:



SLEYING OF THE REED:

- 1st dent — 2 ends 10/2 white linen
- 2nd dent — 2 ends 10/2 white linen
- 3rd dent — 1 end 2½ lea grey linen
- 4th dent — 1 end 2½ lea grey linen
- 5th dent — 2 ends 10/2 white linen
- 6th dent — 2 ends 10/2 white linen
- 7th dent — 2 ends 10/2 white linen
- 8th dent — 1 end 2½ lea grey linen
- 9th dent — 1 end 2½ lea grey linen
- 10th dent — 2 ends 10/2 white linen

END OF ONE COMPLETE PATTERN, REPEAT OVER AND OVER.

MORE ABOUT THE FABRIC:

First of all, I must mention that the 2½ lea, natural grey slub linen is a slightly troublesome thread in the warp. It tends to

fuzz somewhat, and so, you must be careful in the weaving. Also, we found that the slub linen got a little loose on our 10 yard, 40" wide warp, but it really should not happen in 14" width for placemats, unless you have a long warp. If it does become slack and looser than the 10/2 white linen, then take a lease stick, pick up all of the linen in natural, and push the lease stick back and down to the warp beam. Then hang a weight in the middle and each end of this lease stick and it will then take care of any slack you might have in this one thread. I might also mention that in the weaving of this, if we had any knots pull out in either of the linens, we found it much easier to use the spee-dee cement and glue the ends together and continue weaving than to tie a knot and weave it through the reed. In looking over the fabric, we can't even see where this was used, and we have washed and pressed this fabric to check and see just what the shrinkage would be.

Also, if you weave 14" width in this material for mats, it will weave tighter and firmer than our sample which was 40 inches wide. Thus, it would benefit the placemat idea, making the mats firmer and tighter.

Also, I think that this type of material can be used successfully for upholstery in dining room chairs and the like, and it will be very, very durable and long wearing.

I don't think that you could weave any more than occasional threads of this 2½ lea grey slub linen in the warp and weave it without trouble. However, we also did a sample using the bleached white in this same yarn in the warp, and had absolutely no trouble with it. It seems that the bleaching of this thread seems to eliminate much of the fuzziness that we find in it in the natural, and as a result, it weaves with ease.

Other than the problems of the fuzz of the 2½ lea natural grey linen, there were no other problems in the weaving of this fabric.

TREADLING SEQUENCE:

There are 16 shots of weft in one complete pattern repeat, and here is the sequence in which it is done.

1. Treadle No. 4 — 16/2 Ramie Dutch Choc.
2. Treadle No. 3 — 16/2 Ramie Dutch Choc.

3. Treadle No. 4 — 16/2 Ramie Rusty Brown
4. Treadle No. 3 — 16/2 Ramie Rusty Brown
5. Treadle No. 2 — 2½ lea Bla. Slub Linen
6. Treadle No. 1 — 2½ lea Blea. Slub Linen
7. Treadle No. 2 — 16/2 Ramie Rusty Brown
8. Treadle No. 1 — 16/2 Ramie Rusty Brown
9. Treadle No. 4 — 16/2 Ramie Dutch Choc.
10. Treadle No. 2 — 16/2 Ramie Dutch Choc.
11. Treadle No. 2 — 16/2 Ramie Rusty Brown
13. Treadle No. 3 — 2½ lea Blea. Slub Linen
14. Treadle No. 1 — 2½ lea Blea. Slub Linen
15. Treadle No. 3 — 16/2 Ramie Rusty Brown
16. Treadle No. 1 — 16/2 Ramie Rusty Brown

END OF ONE COMPLETE PATTERN REPEAT.
Repeat over and over again as desired.

COST OF THREADS USED IN THIS SAMPLE

The 10/2 bleached white linen comes on 1 lb. tubes from Ireland, and it is \$4.50 per lb., and has 1500 yards per lb.

The 2½ lea, natural grey slub linen comes on 500 gram tubes from Switzerland and most of them weigh 1 lb. 1 oz. or 1 lb. 2 oz. It has 750 yards per pound, and the price is \$3.60 per lb.

The 16/2 Ramie, comes on approximately 1 lb. tubes from Switzerland, and it is \$5.60 per lb. on the tubes or if you want 4 oz. of a color, it is \$1.50 per 4 oz. tube. It has 2400 yards per pound, and the colors are sold to us as wash-fast and sun-fast colors.

And last, but not least, the 2½ lea bleached slub linen also comes on tubes of about 1 lb. 1 oz. each. It also has 750 yards per lb., and is priced at \$3.60 per pound, the same as the natural.

COST OF THE FABRIC:

We have a 10 yard warp, 40" wide, and in the warp, it took 3 lbs. 3 oz. of the 10/2 white linen, and 2 lbs. 4 oz. of the natural grey slub linen. Thus, our total warp cost for this comes to \$22.34 for a 10 yard warp, or \$2.24 per yard.

In the weft, we used 1 lb. 6 oz. of the 2½ lea bleached slub linen, and we used 8 oz. of the Dutch Chocolate Ramie and 1 lb. of the 16/2 Ramie in Rusty Brown.

FROM THIS WARP, WE HAD NINE YARDS OF FINISHED FABRIC.

Thus, our total weft cost for nine yards of fabric was \$13.32, or \$1.48 per yard.

Warp cost per yard — 40" wide \$2.24
Weft cost per yard — 40" wide \$1.48

FABRIC COST PER YARD \$3.72

COST OF PLACEMATS:

On the basis of the yardage above, I figure that the warp and weft for each mat, 14" x 20" would come to about 85¢ per mat. If you do say more than four mats, it should average out a little less than 85¢ per mat.

This Month's 2nd Project"

Continued from page 3

together on one bobbin and use them as warp or weft, you will have a softer fabric than if you used a single end in warp or weft. And then the mohair adds still another dimension of softness. However, you do not want too much of this in a man's scarf, as he will feel it is feminine if you use too much mohair. I've been very pleased with this scarf that I did at Banff, and think that most men would like it very much.

The rug wool is \$5.40 per pound, and you can purchase a 3½ oz. skein of each color, so you can keep your warp cost down quite a bit. In the weft, the 2/18's comes normally on only 1/2 lb. cone, but sometimes you can find a part cone here from some of the weaving we have done. It is \$6.80 per lb., or \$3.40 per 1/2 lb. cone. And in this scarf, it took 1½ oz. of the brushed mohair. This we purchased at a knit shop, as we needed only 2 oz. in all.

And then, after you will finish with the weaving of the scarf, you can hemstitch each end for the fringe and then you can take a small, stiff hair brush, and brush the whole scarf lightly. This will help spread the softness of the mohair, and will help soften up the warp and weft. You do not need to do much brushing, and in many cases, you might even say that it needs no brushing at all.

I think that this is all that I can tell you about this MAN'S SCARF PROJECT IN SHADES OF BLUE, and it should be one that you will find easy to do. HBK

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"This Month's Book Review:

A new and exciting weaving book just recently printed is the one by Else Regensteiner, entitled, "THE ART OF WEAVING."

This is a book for all weavers, the beginners, intermediates, and the advanced. Particularly, I feel that the beginners and intermediate weaver will benefit from the much content in this new text.

Mrs. Regensteiner has 10 major parts and she starts out with the weaving equipment used, yarns of all kinds and types are explained, and then next comes the set-up and warping the loom. A section on exploring the weaves is well done, and then there is a section on pattern weaves, double weaves, designing, tapestry, rugs, and wall hangings.

This book is lavishly illustrated, and I liked the black and white drawdowns of the different pieces of weaving, and these alone, should be a great inspiration to the weaver.

There are some interesting additions to her 10 major parts of the book, and among these are making and using a backstrap loom, practical notes for the weaver, and figuring yardage for warp and weft, converting tie-ups for the sinking shed looms, and she also explains the variations and systems and symbols of drafting, as used in other parts of the world.

The glossary of weaving terms is a very good one as given in this book, and the bibliography is an excellent one.

There are about six pages of color photographs, and many outstanding black and white photographs.

You will be intrigued with the many, many details that are given; with the clearness and conciseness of the many explanations, and I can recommend it highly.

Title: THE ART OF WEAVING
Author: Else Regensteiner
Publisher: Van Nostrand Reinhold
Price \$13.50 plus 30c pp

Available: Directly from the publisher, or from Robin & Russ Handweavers.

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9 NEW SHADES OF FINE LOOP MOHAIR

We sent this fine loop mohair to the dyers with samples of the 9 colors we wanted, and it came out beautifully. Has 2400 yards per pound, and can be used in the warp with other threads or in the weft. Comes on about 1 lb. 1 or 2 oz. cones. Price is \$4.80 per lb. We have made up sample sheets on these if you are interested. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

SHADES OF ORANGE IN A RAYON, COTTON CHENILLE

This is actually a chenille of both cotton and rayon, and as the 2 different materials take the dye color differently, it is a sort of variegated orange chenille, with about 1300 yards per lb. Price is \$3.50 per lb. on cones of about 1 lb. 2 oz. each. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

NATURAL BRUSHED MOHAIR

This very nice yarn has about 1250 yards per lb., and comes on cones of 1½ to 2 lbs. each. Price is \$4.80 per lb. We will wind off 1/2 lb. tubes for you at \$2.50 each, if you do not want a full cone. This will not last long, it is a popular thread. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

A NEW COLOR IN 16/2 RAMIE, OLIVE YELLOW

This is one of the colors that we ordered while in Switzerland this past summer and it just came in. It is a light olive yellow, or yellow green, and we've just woven it with white and grey and it is ever striking in this combination. \$5.60 per lb. on about 1 lb. tubes or \$1.50 per 4 oz. spool. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

OUT OF PRINT BOOK, THE TECHNIQUE OF WOVEN TAPESTRY IS AVAILABLE FROM ROBIN & RUSS

We have been unable to get this book from the distributors in the U.S.A., so while in England this summer, I was able to locate 36 copies of this outstanding tapestry book. It was written by Tadek Beutlick and many of the weaving instructors have mentioned that it is an outstanding book on planning and weaving and tapestry, so we are pleased to have it at the regular price of \$10.95 plus postage and insurance. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

THE TECHNIQUE OF WEAVING,

by John Tovey is also now available. We purchased copies of this in England this summer, and it is no longer available from the distributors here in the U.S.A. It is available at the regular price of \$14.00 plus postage and insurance. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

OLIVE YELLOW RAYON CHENILLE

This is a color almost like a chartreuse in about an 8 cut rayon chenille. It has 1100 yards per lb., and is \$3.50 per lb. plus postage. Comes on tubes of about 1 lb. 2 oz. to 1 lb. 4 oz. each. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

RATTAIL FOR MACRAME

Available in 11 rich colors this rich tubular ribbon of 100% satin rayon is \$5.50 per spool. It is on spools of about 144 yards each. Is really beautiful when used in Macrame. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

LOPI — OUR BEAUTIFUL ICELANDIC WOOL

is available in 6 shades of natural colored wools, and 10 dyed colors. This is beautiful in ponchos, rugs, etc., and is an excellent yarn for knitting the very pretty Icelandic sweaters. Takes 6 to 8 skeins for a sweater, depending upon the size. \$1.90 per skein. We also have two knitting instruction books available with beautiful patterns in color, knitted with this yarn. You would like this. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

MACRA-CORD IN 16 COLORS

This heavy cord is made especially for Macrame or Decorative Knotting. It comes in hanks of 50 yards each, with 16 colors being available. Price is \$1.75 per hank. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

BACK IN PRINT, SQUARE KNOT HANDCRAFT GUIDE

This was out of print for awhile, and is now available again. A good guide for the Macrame or knotting enthusiast. Price is \$4.00 plus postage. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

WOOL TOPS FOR HANDSPINNING AND UNSpun WOOL RUGS,

in 13 colors. This, we have imported from Switzerland, and it is beautiful quality wool. And the colors are rich and vibrant. Price is \$3.50 per lb., in about 1 lb. packages. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

6/4 NATURAL GRAY (Dark) SWISS LINEN

This is an excellent rug warp, and also we are selling much of it to the Macrame customers for linen handbags, wall hangings, etc. Works up beautifully, as several customers have brought in bags to show us. 450 yards per lb., of tubes of 1 lb. 1 oz. each. Price is \$3.60 per lb. Robin & Russ, 533 North Adams St., McMinnville, Ore. 97128.

MINIATURE MODELS OF SPINNING WHEELS FROM SWITZERLAND

These are beautifully made and are quite faithful reproductions of spinning wheels. Two sizes, and they sell for \$5.95 and \$6.95 for the slightly larger of the two. About 7 to 10" in height, and they are charming. Postage is extra. Robin & Russ, 533 North Adams St., McMinnville, Ore. 97128.

The Weaver's Marketplace

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