

warp and weft

Vol. XIX, No. 9

November, 1966

warp and weft

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A Word from the Editor:

Have you ever reached a blank in ideas. After 10 years of publication of *Warp and Weft*, I sometimes reach a point, where I feel that I will be unable to come up with another idea for next month's sample.

This time, I've had the former sample that we did in the back of my mind for a good while, and so I decided to duplicate the pattern we had used formerly and just use a different color combination of threads. Thus, the sample this month. Hope you will forgive us for this duplication, but we do not do it very often.

We've been busy in the shop, and have also had some very interesting new threads come in lately. We have some new textured silk threads, four new colors in the 7/2 doupioni silk, and about 5 new colors in the fiber E rayon slub threads. It would be nice if we could find a regular source of these two threads, but the 7/2 silk is scarce, so we often have to purchase a 14/1 silk, and have it 2 plied or a 28/1 or a 24/1 and have it four plied to make it a 7/2 or a 6/2 silk. So, you can see why the 7/2 silk sells for \$7.00 per 1 lb. We purchase it, and have it shipped to a company that plies it, and then we pay this bill and send it to the dyers, and then we finally have it shipped back to us. So with three or four processings, and shipping 3 or 4 times to different process companies, we have quite a bit of cost involved in such thread.

Also, many, many of our threads come on 3 or 4 lb. cones, and we re-wind this to 1/2 lb. tubes on our 2 universal winding machines.

Another thing that does keep us busy is the winding of the spools for sectional warping

that we do for quite a few customers. Quite often, Janice will spend her 4 hours on Saturday morning winding one or two sets of spools for a customer to do sectional warping.

I know that I talk too much in this column, but I'm so pleased with the training my daughter is using on her horse that I have to be a typical parent and tell you about it. Janice purchased a horse which was green-broken. This meant it had only been ridden about 3 or 4 times, and really Janice had to start from scratch, and do all the training so that she could do some riding. She had done a beautiful job, and is now riding, and can even ride bareback. I can remember one day when she came home a short time after getting her horse, and she admitted that she had been thrown 3 times, but she got back up on the horse and rode it each time.

Another thing that I thought was clever was the name she had given her horse. Most of you know that here in this part of Oregon, we have many days of rain, and an average of about 40" of rain a year. So, Janice's mare is called "Rainey Day." It was her own idea.

Well, I'd better get back to the sample for this month or you'll shoot me.

Russell E. Groff, *Editor*

This Month's Book Review:

This month we want to bring to your attention the book "NOTES ON WEAVING TECHNIQUES" by Florence E. House.

This is a book of weaving notes prepared by Florence E. House, when she was the weaving instructor at Columbia University. Since her death, it has been republished by Elizabeth H. Salisbury, and this edition is a copy of the eighth revised edition of 1956, with the exception that the Bibliography, Magazines, Bulletins, and Leaflets on Weaving, and the Sources of Supplies have been revised by Elizabeth Salisbury in this ninth revision of 1964.

This seems to be a good manual for the beginning and intermediate weaver, having many projects explained in an easy to understand language. The section of the book de-

voted to many of the different lace weaves such as plain leno, Mexican lace, Greek and American leno, and others is particularly well done. A section on inlay is also particularly interesting, giving several different inlay techniques.

There is an interesting section on Pile Fabrics which is quite interesting, a good section on tapestry techniques with clear explanations of some of the different kinds of tapestries.

Still other sections are devoted to card-weaving, inkle weaving, miscellaneous unusual weaves, etc.

There is a section devoted to the "Dont's" of weaving, another section on helps and hints, and the Glossary and the Bibliography are two of the best that I have seen in any book. The Bibliography is particularly complete listing sources of many weaving techniques, Scandinavian weaving books, general books. Also listed are sources of information about fibers, spinning and dyeing, tapestries, books on carpets and rugs, and a listing of the magazines, bulletins and leaflets on weaving. The book finally closes with a rather complete listing of sources of weaving supplies.

The price of this ninth revision of NOTES ON WEAVING TECHNIQUES, is \$6.00 plus 25c postage. It is available from either of two sources, directly from Elizabeth H. Salisbury of 100 Third Street, Waterford, New York or may be purchased from Robin and Russ if desired.

TITLE: NOTES ON WEAVING
TECHNIQUES

AUTHOR: Florence E. House

PRICE: \$6.00 plus 25c p.p.

This Month's Cover:

The cover this month was the wall hanging which was chosen as best of show, at the Oregon State Fair this year. This hanging was woven by Mrs. Ruby McDonald of Eugene, Oregon.

Mr. and Mrs. McDonald have a game bird ranch, and so she was interested in weaving a wall hanging that would incorporate some of the game bird eggs and some of the beautiful feathers of the game birds.

This had to be a type of double weave in some areas for Mrs. McDonald to be able to put in the bird nests and the eggs of the different game birds.

The eggs in the different bird nests are those of Canadian Geese, Call Ducks, Rouen, Chukkar and Mongolian Ringneck Pheasants.

You could possibly say that this is a "way out" piece, but for use in Mrs. McDonald's home, I think it is an ideal way to bring attention to the products of their game bird farm.

NOTE: This photograph was taken by the Oregon State Fair photographer, and was given to us to use as a cover photograph by the Textile Department.

KNOX MERCERIZED LINENS ONCE AGAIN AVAILABLE

Robin and Russ Handweavers are pleased to announce that they are now distributors for Knox Mercerized Linens. They are accepting orders for six different sizes. These sizes are as follows:

- 14/2 - 2100 yards per lb.
- 20/2 - 3000 yards per lb.
- 25/2 - 3750 yards per lb.
- 35/2 - 5250 yards per lb.
- 40/2 - 6000 yards per lb.
- 50/2 - 7500 yards per lb.

Delivery takes approximately 5 to 6 weeks from Ireland, and there are about 104 different colors available. Robin and Russ will mainly try and stock natural and white, and will gradually try to add colors to the line also. In the natural and white, the minimum order is one lb., but in the colors, the minimum order is 10 lbs., but it may be an assortment of the 6 different sizes all in one color. For more information, write to Robin and Russ Handweavers.

SEVEN PROJECTS IN ROSE- PATH IS BEING REPUBLISHED

And, Robin and Russ will have copies available around the 10th of November. The price will be \$2.50 plus 10c postage, and orders are being accepted now.

Stained Glass Windows:

This is an interesting huck weave variation which would be good for upholstery, could be used in pillows or other decorative fabric uses. It could also be used in Christmas cards, as a fabric insert for windows or Christmas tree cutouts in a Christmas card. This is a pattern that we used 5 or 6 years ago, but we made in in a different color combination.

THREADING DRAFT:

4		B	B	B		X	X	X	X		X	X	X	X
3		B	B			X	X	X			X	X	X	
2		A			A					O				
1	A	A			A	A				O	O			
		+	+		+	+				+	+			

NOTE: + below threading draft means that you should skip one dent.

NOTE: There is a special sleying of the reed, which is as follows:

- 1st dent – 7 threads in one dent
- 2nd dent – skip this dent
- 3rd dent – 3 threads in one dent
- 4th dent – skip this dent
- 5th dent – 7 threads in one dent
- 6th dent – skip this dent
- 7th dent – 3 threads in one dent
- 8th dent – skip this dent
- 9th dent – 5 threads in one dent
- 10th dent – skip this dent
- 11th dent – 3 threads in one dent
- 12th dent – skip this dent

COLORS AND THREADS USED IN THE WARP

- X—10/2 cotton, Royal Blue, Mercerized
- O—20/2 cotton, Light Blue, Mercerized
- A—20/2 cotton, Light Green, Mercerized
- B—10/2 cotton, color RED, Mercerized

WARP THREADS:

We used a mercerized cotton, size 10/2 and 20/2 in the warp. See the sizes as listed above.

WEFT THREADS:

There are two threads used in the weft. One was a black, mercerized perle 3 cotton,

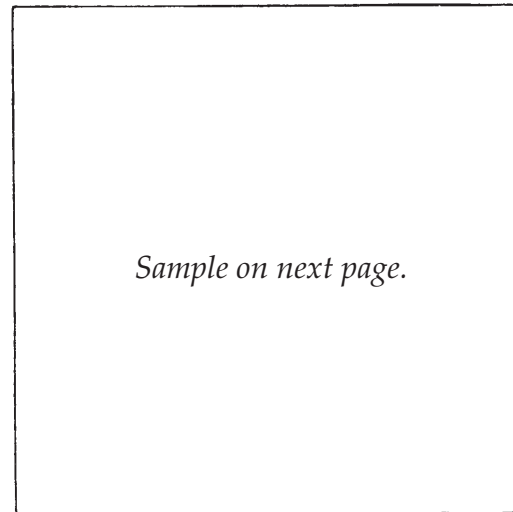
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TIE-UP DRAFT:

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

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

SAMPLE:



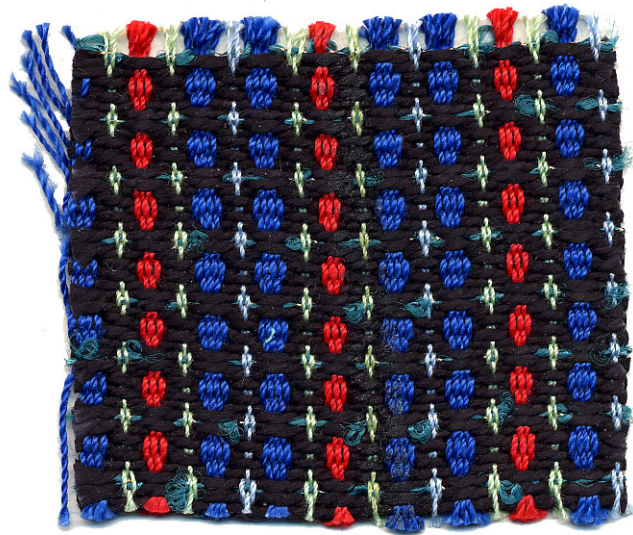
and the other was a turquoise blue rayon boucle with a gold twist.

REED USED:

A 12 dent reed was used, and see the special instructions for the sleying of the reed. There are actually 28 threads in one inch of fabric, and 28 threads per pattern repeat in the warp.

TREADLING SEQUENCE

1. Treadle No. 3 – one time – black perle 3
2. Treadle No. 4 – one time – black perle 3
3. Treadle No. 1 – one time – black perle 3
4. Treadle No. 2 – one time – black perle 3
5. Treadle No. 1 – one time – black perle 3



- 6. Treadle No. 4 — one time — black perle 3
- 7. Treadle No. 3 — one time — black perle 3
- 8. Treadle No. 6 — one time — Turquoise boucle

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

MORE ABOUT THIS FABRIC:

In the beat used in this fabric, you want to use a firm, hard or even extra hard double beat. Beat, change to the next shed and beat again. Because there are 3, 5 and 7 threads in one dent, this will help these to separate properly, and make the weaving much easier to do.

This huck variation could be very effectively done in many other color combinations, and would be striking and effective. This is quite a firm fabric, and should make excellent upholstery material.

We had a 10 yard warp, 40" wide on the loom, and because the weft thread was quite heavy, we received only 82 1/3 yards of finished fabric from the 10 yard warp.

I can see many other possibilities for this huck variation, and I would like to see what it looks like when woven and used with heavy wool and heavy jute in rug warp and weft.

This material would be excellent for use in cutouts of Christmas cards for windows or for Christmas trees with the fabric representing the bulbs on the Christmas tree. Try this for a Christmas decoration, and see how you like it.

COST OF THE THREADS USED:

The 10/2 and 20/2 mercerized cotton used in the warp comes on 1 lb. cones at \$3.50 per lb. It is also available on 2 oz. spools at 52c per spool.

The black perle 3 cotton used for the weft comes on 1 lb. cones, and is \$3.40 per lb.

The turquoise with gold rayon boucle comes on 1/2 lb. tubes at \$1.75 per 1/2 lb. tube.

COST OF THE FABRIC:

We had a 10 yard warp, 40" wide on the loom. It took 1 lb. 8 oz. of the 10/2 royal blue, 6 oz. of the 20/2 light green 4 oz. of

the 20/2 light blue, and 7 oz. of the 10/2 red. The total warp cost thus comes to \$9.67 or a total cost of 97c per yard.

In the weft, we received 8-1/3 yards of finished fabric from the 10 yard warp. It took 5 lbs. 4 oz. of the perle 3 in the weft, and 11 oz. of the turquoise with gold boucle in the 8-1/3 yards of finished material. Thus, the total weft cost was \$20.29 or the cost per yard came to \$2.44 per yard.

WARP COST PER YARD97
WEFT COST PER YARD	2.44
FABRIC COST PER YARD	<u>\$3.41</u>

This Month's Second Project:

Mrs. Ruby McDonald of Eugene, Oregon has given us permission to use another of her projects in Warp and Weft this month. (You will notice that the wall hanging used as a cover photograph is also woven by her.) This project is a soft stole woven with black wool and black chenille. This is a project which she entered in the State Fair and which I admired very much.

WARP THREAD:

The warp thread is either a 2/18's or a 2/20's worsted in black, with the exception of a fine rayon chenille in black where the C is marked in the threading draft.

WEFT THREAD:

The weft thread is a heavier soft, 3 ply fingering yarn in black which has about 2200 yards per lb.

TIE-UP DRAFT

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

REED USED:

A 12 dent reed is used with a special slewing of the reed.

TREADLING SEQUENCE:

The treadling sequence is very simple and you treadle 1, 2, 3, 4 over and over for the full length of your stole.

CLASSIFIED ADVERTISING

Why not advertise your old loom, duplicate equipment, and other such items in this section. Price per 5-line ad is \$4.00. Payment to accompany your advertising copy.

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48 colors Swedish Linen. (Color cards 50c). Fabri and Afghan. (Color cards 35c). The Handweavers' Workbasket. Box 829, R. 1, West Chicago, Illinois 60185.

AVOCADO, OLIVE, OLD GOLD AND ANTIQUE GOLD 7/2 SILK

These are the four new colors of the 7/2 silk that we have just received from the dyers. This can be used for warp or weft, has 5800 yards per lb., and is \$7.00 per lb. or \$2.00 per 4 oz. spool. ROBIN & RUSS, 533 North Adams St., McMinnville, Oregon 97128.

LOOP MOHAIR IN ABOUT TWENTY COLORS

A short time ago, we purchased 1300 lbs. of assorted loop mohair yarns in different weights and colors. A free swatch of the colors still available will be sent upon request. Price is a very reasonable \$3.50 per lb. Robin & Russ, 533 North Adams St., McMinnville, Ore. 97128.

HEAVY, 1½/1 TUSSAH SILK WITH BROWN FLECK

This is a beautiful silk with about 1500 yards per lb. Comes on about 2 lb. cones, but we can wind off one lb. lots if you wish. Single ply, and mainly a weft thread. Price is \$4.80 per lb. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

16/2 RAMIE

Which is imported from Switzerland is available in 16 colors. It has 2400 yards per lb., and the colors are both sun-fast and wash-fast. Price is \$5.00 per lb., or \$1.25 per 4 oz. spool. Excellent for warp or weft in tablemats, tablecloths, drapes, upholstery, and other fabrics. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

HEAVY, 2 PLY JUTE:

With approximately 300 yards per lb. is available. It comes on 4 oz. spools, and is 69c per 4 oz. spool or \$2.75 per lb., in lots of 1 lb. of a color. Use in mats, rugs, doormats, bags, etc. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

KNITTING BAG HANDLES:

These knitting bag handles are of hardwood with a lacquer finish and are well made. Price is \$1.50 a pair, plus postage. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

A SLUBBY, NATURAL WOOL:

This is a fairly heavy slubby, natural wool with 1200 yards per lb. Looks like an irregular handspun yarn. Price is \$3.20 per lb., and only 50 lbs. are available. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

7" DIAMETER ROUND AND OVAN BAMBOO RINGS

A regular stock item now, these are 90c each, or \$1.75 a pair. Postage is extra. Good for all types of handbags. Also available are 7" round and oval bamboo rings with 12 metal rings on each and these sell for \$1.25. Takes only one of these for a handbag. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

HEAVY LINEN AND RAYON FLAKE IN SIX COLORS:

This is a combination that we have spun to order for us. It is a heavy flake rayon with a natural grey linen twisted around the rayon. It has 900 yards per lb., is \$4.00 per lb. or \$1.00 per 4 oz. spool. Also, we have two more colors on order, and eventually will have it available in 15 colors. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

NAVAHO WEAVING, ITS TECHNIC AND ITS HISTORY

This book, by Charles Avery Amsden was out of print for many years and just reprinted in 1964. Considered by many the most outstanding book on this subject, it is priced at \$12.00 plus 20c postage. A must for your weaving library. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

SCOTCH - GARD

Your hand-woven fabrics with an application of SCOTCH - GARD rain and stain repeller. Made by the 3M company, this is excellent for all apparel and home furnishings. It repels soil, and repels rain. Can be used on placemats, table linens, upholstery, clothing materials such as coats, overcoats, skirts, slacks and other materials. Comes in a push-button spray dispenser. Price is \$3.95 plus postage for a large 1 lb. 4 oz. can. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128

3 SIZES IN LINEN RUG WARP

8/5 Linen rug warp, approx. 480 yards per lb. \$3.60 per lb.

7/5 Linen rug warp, approx. 420 yards per lb. \$3.60 per lb.

9/3 Linen rug warp, approx. 850 yards per lb. \$3.20 per lb.

Postage extra on all orders. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

18/1 HEATHER GREY, SILK, MOHAIR AND ALPACA COMBINATION:

This is a very fine thread with about 15,000 yards per lb., and it is 50 per cent silk, 30 per cent mohair, and 20 per cent alpaca. Can be doubled or tripled by Robin & Russ for weft if desired. Price is \$4.00 per lb., and available on about 1¼ lb. cones. Robin & Russ, 533 North Adams St., McMinnville, Oregon 97128.

warp and weft

533 NORTH ADAMS STREET
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 - 2. Sectional WARPING made easy... \$2.50
 - 3. WARP and WEFT from TIBET ...\$3.50
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- 10 cents p.p. each manual

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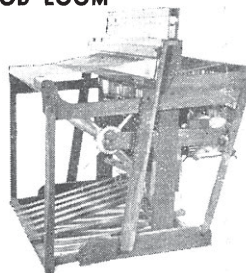
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