

warp and weft

Vol. XVII, No. 1

January, 1964

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Published monthly (except July and August) by Robin & Russ Handweavers, 533 North Adams Street, McMinnville, Oregon.

Subscription: \$4.00 per year.

Back Issues: 40c each, plus 4c postage.

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JANUARY, 1964

A Word from the Editor

As I write this, Christmas day is just 5 days away, and here in McMinnville, you can sense a great air of expectation.

Yes, Christmas time is the celebration of the birth of the "Christ Child," and it is the time that we should all give thanks for the many, many blessings that have been bestowed upon all of us.

When you receive this, Christmas will be past, and the New Year of 1964 will be with us. It is our hope that this new year will be the happiest and best for all of our subscribers. We hope that the New Year also brings you much pleasure with your weaving and planning of woven projects.

It has been a busy time for us, and while our yarn business actually slows down during the month of December, it gives us a chance to answer and catch up on all of the mail, and it also allows us to do a little more weaving. Yesterday, I did some experimenting on two different weaves, and one of them turned out so well that it will be a future Warp and Weft project. It is a type of honeycomb, but yet, it is not a true honeycomb.

Also for some reason, we have worked out about 5 different wool projects, and have the yardage for two of them finished, so along with this month's sample, you will probably have two or three more wool yardage projects during the year. We also have an interesting Swedish "Drall" weave in progress and think that you will enjoy it as a project for place-mats or table-cloths, and of course, it will have other uses.

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Most of you don't know it, but your editor is a bowling enthusiast, and for the first time in about 6 years, I have a 190 average. Don't know how long, and doubt if I can maintain this average, but it has been the greatest thrill to me to get this high and stay there for about 10 to 20 weeks at least.

Robin is always amazing me, and the latest is that she is right now working on some hand-made Christmas cards featuring handwoven material for Christmas in 1964. This is really advance planning. She states that she always "procrastinates" and does not get them done, so while she is in the mood and has the Christmas Spirit this year, she will continue to work on them.

Also, another project that is a family project for the three of us (includes our daughter Janice) is the making for next year of a "God's Eye" Christmas tree. This, most of you know, is a Christmas decoration that comes to us from the Indians of Arizona, New Mexico, and Mexico. We are making these of our many different textures and colors of yarn, and eventually, we hope that we will be able to have a cover photograph of our God's Eye tree.

Starting in February, your editor will also start a 10 week weaving workshop for the Albany Weavers Guild in Albany, Oregon. I will meet with the weavers there one time a week for 10 weeks, and we will hope to cover about 10 to 12 different projects during that time. Then between meetings, each person will be able to come in and work out a project, and we hope the following week, go on to a new project. I am looking forward to this, and it also sounds as though the Albany Weavers Guild is looking forward to it. Well, enough for this month, and back to our sample.

Russell E. Groff, Editor

This Month's Book Review:

We want to bring your attention to a little different approach to a book. It is an English import entitled "Weavemaster Pattern Draft and Weaving Recipe Book." This has been published by the weave-master weaving center in England. First of all one

of the things that makes this an interesting book is that it gives the thread counts and colors for 130 Traditional Scotch Tartans. There is a section on pattern drafts of the most popular and traditional cloths. These are extremely clear and easy to read and understand, and many, many, good illustrations are given of these fabrics. For instance, there are 12 different Shepherd's Plaid effects given with the treadling and threading and a photograph of each. Several pages are devoted to Salt and Pepper effects. A Section is given on dark backgrounds with light patterns, patterns in horizontal strips, patterns in vertical stripes, seven well known twill weaves and other sections are all given on these different classifications as we have listed them.

Then, one of the most interesting portions of this little book is the section on specific projects, with a drawing and plans for each specific project. Some of the projects covered are slippers, tea cozy, aprons, duffle bags, towels, skirt and jumpers in tartans, jerkins, handbags, boleros, scarves, ties, belts, etc. This is a very simple and easy to understand book and should provide ideas for projects. It is not particularly a book for the advanced weaver, but for the beginner and intermediate weaver who would like help in ideas and projects.

Also, the price is a reasonable one, as it is \$2.50 plus 10¢ postage.

Title: Weavemaster Pattern Draft and Weaving Recipe Book.

Publisher: Weavemaster Weaving Center

Price: \$2.50 plus 10¢ postage

Available: Robin & Russ Handweavers

This Month's Cover:

The cover this month is an interesting piece of "Finn-Weave." This is one of the fabrics which was on display at the Southern California Handweavers Conference in Santa Barbara in 1962.

This is of course a pick-up weave and can also be called a double weave and pick-up weave.

I do not know who the weaver of this decorative hanging was, but the hope is that you might be interested enough to put on an experimental warp, and try out the

finn weave yourself. This sometimes is called a Pattern Double Weave. It is an old traditional weave, going back as far as the 16th century. You usually need a flat, wide shed stick to pick up the pattern threads, and the nice thing about this weave is that you, with this technique, can do any pattern that you can lay-out and plan on graph paper. Most cross stitch patterns can also be woven in this method. It is normally considered that there are two major types of Finn Weave. One is the reversible type with pattern on both sides and with the pattern and background on one side being exactly the opposite on the other side. The other method of weaving this is the nonreversible weave which is sometimes called the Mexican weave. If any of you are really interested in this type of weave, you can find an interesting article on it in Mary Black's *New Key to Weaving*. It is on pages 188 through 192.

This Month's Second Project:

An interesting miniature all over pattern for towels and for place-mats. This is a clear cut diamond pattern, with one large diamond, and inside the large diamond are 4 smaller ones. This was one of the original miniatures worked out by the Santa Barbara Hand Weavers Guild Study Group. This pattern was planned by Mrs. Gertrude Lindeberg of Santa Barbara.

Threading Draft:

4	x	x	x	x	x	x	x
3	x	x	x	x	x	x	x
2	x	x	x	x	x	x	x
1	x	x	x	x	x	x	x

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.

(Continued on page 5)

That Tweedy Look

An interesting tweed fabric that is excellent for men's sport coats, for women's tailored suits and skirts, or for a top coat if desired.

Threading Draft

4		X		B		T		CC
3		CC		T		O		X
2		B		CC		W		T
1		T		T		CC		R

WARP: There are 7 different colors used in the warp. Of these, 6 are 2/17's worsted. This has about 4600 to 4700 yards per lb. The 7th thread is the same tweed yarn that was used in the weft.

WEFT: The weft thread is an imported wool tweed from France. This is a fairly fine heather grey tweed with colored flecks. It has 3500 yards per lb., which is much finer than most wool tweeds of this type. It was doubled on the bobbin.

REED USED: A 12 dent reed was used, and it was double sleyed, 2 ends per dent or 24 threads per inch.

Key to Colors in the Warp:

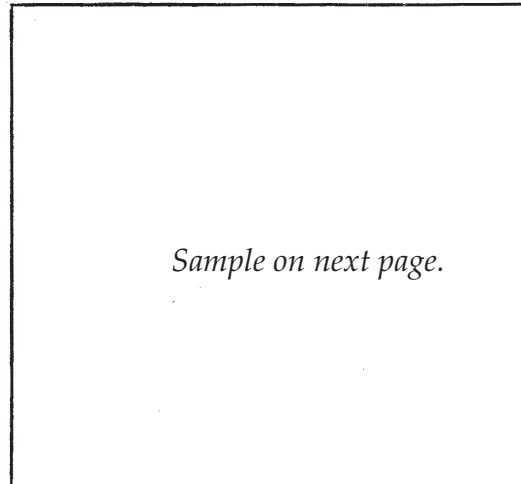
- C—2/17's, color # 29, Camel
- T—2/17's color # 21, Teal
- R—2/17's, color # 7, Chanel
- W—2/17's, color # 26, Lt. Oxford
- B—2/17's, color # 12, Seal
- O—2/17's, color # 27, Dk. Oxford
- X—Tweed, same as used in weft.

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:



Treadling:

- Treadle # 3, one time
- Treadle # 1, one time
- Treadle # 6, one time
- Treadle # 5, one time
- Repeat over and over

More About This Fabric:

We had this material set up 40" wide on the loom. One repeat of the pattern is 20 threads in all, or a little less than one inch.

In the weft, we took the dark grey heather tweed and doubled it, winding two threads together on one bobbin. A double shuttle may be used if desired.

Many persons have trouble when winding two threads together on one bobbin by having one a little longer than the other and causing a loop in one thread, and perhaps trouble in unwinding from the shuttle bobbin. You can eliminate this problem by putting a little tension on the two threads, so that when they do get to the bobbin, they are both the same tension, and thus wind easily. You can perhaps bring these two threads from your cone or spool between two pieces of felt. Or, you can bring it over and under a couple of pegs of wood to take out the slack from either thread. I used a simple remedy myself. I put the two spools on one



side of the room, across from the bobbin winder. I had it come up over a piece of wood and across to the bobbins, and held it in both hands, guiding it on the bobbin with one hand, and the other to help even the tension. We usually have no problems whatsoever when we do this. It sounds silly when you describe it, but it worked.

I might also mention that if you want a finer tweed fabric for a tailored skirt or suit, you can use the tweed weft singly rather than doubling it.

Our sample here has just been steam pressed, but it would be much more satisfactory if you wash and press it. I would suggest that you soak it in warm or hot water, use a little lux and rinse clean, and allow to drip dry. Then after allowed to dry, take a good steam iron and steam press it, or take it to the cleaners and have them steam press it only.

I might mention that on this sample, we used a temple or stretcher to keep the fabric at a full 39" width. There is quite a bit of elasticity in the grey heather tweed weft thread, so it tends to weave narrower than most threads normally would. Therefore, we also suggest that you let your weft thread lie as slack as possible in the shed, and also use the temple or stretcher to get your full width material.

In our warp, in 22 yards of fabric, we had 5 broken warp ends. These were all as a result of knots in the warp thread, and actually were very few in a 22 yard warp.

There is sometimes a slight tendency for this 2/17's worsted to cling together in the warp. Thus, I would like to recommend that you beat with the shed open, change to the next shed with the beater still forward, and then beat again lightly. Also, remember that this is a wool fabric, and not a cotton or linen, so you want to use a lighter beat on this than you probably normally would use.

Cost of the Threads Used:

The 2/17's worsteds come in 38 colors. It has approximately 4600 to 4700 yards per lb., and is \$6.80 per lb. It comes on 1/2 lb. cones. We can also furnish you with

2 oz. spools of this yarn at \$1.00 per 2 oz. spool. If you would like a color card of these colors, the cards costs 30¢.

The heather grey tweed with colored flecks is imported from France. It has 3500 yards per lb., and is \$3.20 per lb. while it lasts. We have about 50 lbs of it available. We can send you any amount you want in lots of 4 oz. or more. We also have the same weight yarn in a light green with flecks of dark green and aqua green. Both are the same price.

Cost of the Fabric:

In a 22 yard warp, 40" wide, we used 10 oz. of the charcoal heather tweed, and a total of 4 lbs. 14 oz. of the 6 different colors of 2/17's worsted. The total cost of these was \$36.00 for 22 yards of warp. Thus, our warp cost came to \$1.60 per yard.

It took 2 lbs. 15 oz. of the charcoal grey tweed for weft in 10 yards of finished material. Thus the weft cost was \$9.40 for the 10 yards or 94¢ per yard.

<i>Warp cost per yard, 40" wide</i>	\$1.60
<i>Weft cost per yard</i>	.94

<i>Fabric cost per yard is</i>	\$2.54
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For sport coats and tailored suits and skirts, a yardage is set up 32" wide on the loom. The cost of this would be about \$2.00 per yard. Thus 6 yards of material for a sport coat would cost from \$12.00 to \$15.00.

This Month's Second Project

(Continued from page 3)

For warp, use a 20/2 cotton or a 40/2 linen or ramie for warp at 30 threads per inch, 2 per dent in a 15 dent reed. Use a natural warp.

For pattern, use the 20/2 bleached white ramie, and for tabby use the same thread you have used for warp, either the 40/2 natural linen or the 20/2 natural cotton.

For face towels, we would suggest that you have an 18 1/2" wide warp or a total of 556 warp ends. Here is the warping plan.

(Continued on page 6)

(Cont. from page 5)

Rt. Selv. 1,2,3,4,1,2,3,4	08 ends
Pattern 18 x 30 thds	540 ends
To balance 1 thd on # 1	01 end
Left Selv. 7 thds 4,3,2,1,4,3,2	07 ends
<hr/>	
Total number of warp ends	556 ends

This will give you a total warp width of 18½" wide. When woven it will be about 17" wide finished and we would suggest that you weave about 26" in length plus material for hems. For weft, you can use a 20/2 Ramie or a 20/2 linen in bleached white, or in pastel colors.

The treadling for this pattern is as follows:

Treadle #1, one time	Treadle #3, one time
Treadle #2, one time	Treadle #4, one time
Treadle #3, one time	Treadle #1, one time
Treadle #4, one time	Treadle #2, one time
Treadle #1, one time	Treadle #3, one time
Treadle #2, two times	Treadle #4, one time
Treadle #1, one time	Treadle #1, one time
Treadle #4, one time	Treadle #2, two times
Treadle #3, one time	Treadle #1, one time
Treadle #2, one time	Treadle #4, one time
Treadle #1, one time	Treadle #3, one time
Treadle #4, one time	Treadle #2, one time
Treadle #3, one time	End of one pattern,
Treadle #2, two times	repeat over and over

You can also weave this pattern as a no tabby weave, but if you do, you will have to revise the treadling slightly and on those pattern treadles that call for the pattern treadle just two times, you will have to change it to one time each. This will not give you a true diagonal, but it does make a nice pattern.

When the towels are finished, be sure to wash them thoroughly. If you use Ramie or linen for warp and tabby, we even suggest that you wash two or three times, and this will help make the towel much softer to the touch.

You could cut this pattern down to 14½" wide or 436 warp ends by eliminating 4 of the repeats of the pattern. This will give you about a 13½" wide finished place-mat.

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A Handcraft Exhibition in Nova Scotia in July, 1964

July 15th and 16th, 1964 will see two weaving guilds in Canada—the Fort Anne Weavers Guild and the Yarmouth County Weavers Guild—present the *Western Nova Scotia Handcraft Exhibition* at the Community Center in Annapolis Royal, Nova Scotia. There will be demonstrations of weaving, carding, spinning and dyeing. Also many other varieties of handcrafts will be demonstrated and offered for sale. There will be silvercraft, iron work, ceramics, leather work, wood carving and wood working, tapestry weaving, quilting, rug hooking, smocking, bobbin lace making, cutting and polishing of agates. There will be demonstrations of netting by a local fisherman, basket making, chair caning and the making of rush seats, fly tying and other crafts actually demonstrated. Any of you who plan a vacation in Canada in 1964 should try to visit this outstanding handcraft exhibition and sale. Many, many hand woven and hand made gifts will be offered for sale also. Put it on your calendar and be sure to visit Annapolis Royal in Nova Scotia on the days of July 15th and 16th, 1964.

Two California Weaving Conferences in 1964

The Southern California Handweavers will have their fourth bi-annual hand weaving conference in San Diego, California March 13th to 15th, 1964. There will be guild exhibitions and commercial displays. If you can, plan to attend. For information, write to: Creative Weavers Guild c/o Mrs. John R. Barrows, 3775 Utah Street, San Diego, California.

The Northern California Handweavers will have their 12th Annual Conference at the new Jay McCabe Convention Hall in San Jose, California—just 50 miles south of San Francisco. The dates are April 25th and 26th, 1964. Registrations will be handled by Mrs. Marguarite Welker of 620 Sumner Street, Santa Cruz, California.

If you have a chance to attend any of these three weaving displays and conventions, you will find it inspiring and rewarding. Go if you can.

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This spinning wheel is considered by many as the best one made in Canada. It is certainly the most reasonable at \$49.50 plus shipping charges. Several weavers have told us that they think this spinning wheel works as well as or better than most they have used. We have one on hand now, and delivery on others is about 4 to 6 weeks. ROBIN & RUSS HANDWEAVERS, 533 N. Adams St., McMinnville, Oregon.

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THE JOYFUL CHRISTMAS CRAFT BOOK: This is an outstanding craft book with many different handcraft projects that most of us can make with ease. It is profusely illustrated, and when you read it, it makes you want to get to work on those Christmas decorations, cards, and gifts for next Christmas. Price is \$5.95 plus 15c postage. Robin & Russ, 533 N. Adams St., McMinnville, Oregon.

WOOL BLANKETS, WOVEN IN OREGON: These beautiful warm wool blankets are 72" x 90" and are each 4 lbs. or more in weight. 100% wool. There is nothing like an all wool blanket. Thick and soft, these blankets come in 6 colors. They are available in dark brown, light brown, light aqua blue, dark aqua blue, soft forest green, or rosie rose. The price is a reasonable one of \$9.00. All bagged in plastic, these would cost about \$1.00 to ship back East. ROBIN & RUSS, 533 N. Adams St., McMinnville, Oregon.

UNDULATING WEFT EFFECTS: This is an interesting study of honeycomb weaves, and is well presented and worth while. Most of it is for the 4 harness weaver and a wonderful study of this subject. Price is \$4.00 plus 10c postage. Robin & Russ, 533 North Adams St., McMinnville, Oregon.

8 DIFFERENT KINDS OF WOOD SLATS AT NEW LOWER PRICES. Now available are wood slats in 8 beautiful natural woods. They have 165 to 175 slats per bundle and are \$1.25 a bundle. The lengths are 14 1/2" for place-mats, etc. Now available in Black Walnut, Madrone, Mahogany, Ash, Oak, Spruce, Birch and Oregon Fir. These slats are 1/4" wide, and have no rough edges and are wonderful for place-mats, lampshades, covers for wastebaskets and other baskets, etc. Robin & Russ, 533 North Adams St., McMinnville, Oregon.

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BLEACHED WHITE NUB LINEN & RAYON. This has about 2500 yards per lb., and is \$3.50 per lb. It is a definite nub yarn, and makes a wonderful texture for table linens or for drapes, etc. Cones of about 1 lb. 4 oz. each. Robin & Russ, 533 N. Adams St., McMinnville, Oregon.

THE NEW KEY TO WEAVING, by Mary Black. An excellent book for the beginner, intermediate and advanced weaver. It is well illustrated and has many, many individual techniques well explained. Price is \$12.00 plus 20c postage. Robin & Russ, 533 North Adams St., McMinnville, Oregon.

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