SPINDRIFT SPRAY:
This unusual 8 harness sample has an
effect that could be likened to the ocean
wave caps as they break, and thus the
name. This MERCERIZED RAMIE fabric would
make excellent upholstery material. It
could be used for other uses where the
back of your fabric is not shown.

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THREADING DRAFT:

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WARP: Two of the mercerized Ramie threads
A - Aqua Blue, 20/2 Mercerized Ramie
T - Turquoise, 20/2 Mercerized Ramie

WEFT: The same two threads were used in
the weft as was used in the warp.

REED USED: A 15 dent reed was used and
it was triple sleyed, 3 ends per dent
or 45 threads per inch. There were
two aqua blue and one turquoise thread
in each dent.

SOURCE OF THIS PATTERN: This pattern was
inspired by a sample woven for Drafts
and Designs by ELSIE H. GUBSER of Tulsa,
Oklahoma. We wish to thank her for
planning this for us.

TREADING SEQUENCE
On this sample, only the B tredle is used
with the 6 pattern tredles. The sequence
is quite simple.

Treadle B - Aqua Blue Merc. Ramie
Treadle 1 - Turquoise Merc. Ramie
Treadle B - Aqua Blue Merc. Ramie
Treadle 2 - Turquoise Merc. Ramie
Treadle B - Aqua Blue Merc. Ramie
Treadle 3 - Turquoise Merc. Ramie
Treadle B - Aqua Blue Merc. Ramie
Treadle 4 - Turquoise Merc. Ramie
Treadle B - Aqua Blue Merc. Ramie
Treadle 5 - Turquoise Merc. Ramie
Treadle B - Aqua Blue Merc. Ramie
Treadle 6 - Turquoise Merc. Ramie

End of one repeat. Repeat over and over.
MORE ABOUT THE FABRIC:

This pattern was woven with the pattern you see up on the top of the fabric. If you should reverse it, and weave it with the long float threads up, it would not mean as much lifting on the harnesses but it is not as easy to catch a mistake if you make one. It is also what I like to call a warp-faced pattern, and I think would make excellent upholstery.

It would be easier to weave this on a loom with two warp beams, but let us tell you how it is done on a loom with just one warp beam.

The threads on harnesses #4 and #8 tend to become quite loose after you have woven two to three yards of the fabric. So, to take up this slack, you can lift up harness #4, put in a lease stick in the shed in back of the harnesses. Also lift up harness #8 and put in a 2nd lease stick. Then bring these back over the back beam (the lease sticks) and down so that the lease sticks are on the bottom of the warp beam. Put a weight on the lease sticks on each end and perhaps the middle also and this should take up most of the slack and not create any problems. On this sample, we had two heavy claw hammer, one at each end of the two lease sticks, and a 5 lb. weight tied to the middle of the lease sticks, to keep these warp threads tight.

We feel that it would not be practical to weave more than 7 or 8 yards in this manner. After you weave this much, we suggest that you cut the material off the loom, and re-tie the warp, thus taking up the slack and making the tension equal again.

When we cut off the 7 yards of fabric woven for this sample, we found that the threads on harnesses #4 and #8 were about 4 to 5 inches longer than the others. This is because they float on the top of the fabric more than the other threads, and do not weave in, and so have more chance to become slack and longer.

Also, it is important that you use a tight, firm, double beat on this fabric to beat the weft thread back tightly and thus keep the warp float threads from having too long a float. I would suggest that you beat, change to the next treadle and open the shed and beat again before throwing the shuttle through the shed.

COST OF THREADS USED:

This MERCERIZED RAMIE, size 20/2 is the same as a mercerized linen in size 20/2 with 3,000 yards per lb. It is available in 8 colors, and comes on either 1 lb. cones or 4 oz. spools. It is $1.25 per 4 oz. spool or $5.00 per lb. Free sample sheets will be sent to you upon your request.

COST OF THIS FABRIC:

It took 3 lbs. of the Aqua Blue and 1 1/4 lbs. of the Turquoise for a 7 1/2 yard warp, 40 inches wide. Thus, the warp was $22.50 for 7 1/2 yards, or the warp cost was $3.00 per yard.

The weft took 1 lb. of the aqua blue and 1 lb. of the turquoise ramie for 7 yards, so the weft cost was $10.00 or $1.43 per yard.

WARP COST PER YARD, 40" WIDE -- $3.00
WEFT COST PER YARD -- 1.43
FABRIC COST PER YARD -- $4.43

MERCERIZED RAMIE:

This mercerized ramie is about $1.00 to $1.25 per lb. less than a linen of the same size which is unmercerized. It is about $2.00 to $3.00 per lb. less than a comparable mercerized linen. It has the same yardage per lb. as does a 20/2 linen.

We had 8 colors in this dyed especially for us, and it is the best dye available, and so should be both sun-fast and wash-fast. We hope to gradually add new colors, until we have a line of approximately 20 colors available in this size thread.

Also, if we can swing it financially, we hope to stock these same colors in a size 10/2 also, and perhaps later a 40/2.
UPHOLSTERER'S DELIGHT
A firm, durable 6 harness pattern made of all cotton for upholstery. It would also be excellent for accenting special colors, for use in pillows and other decorative uses.

WARP
The warp is a 10/2 cotton - color is called Chocolate Brown.

WEFT
There are three different colors of a Perle 3 cotton used in the weft. They are:

1. Aqua Blue Perle 3 cotton
2. Dark Lime Green Perle 3
3. Tobacco Brown Perle 3

REED USED
A 12 dent reed was used, and it was double sleyed, 2 ends per dent or 2½ threads per inch.

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COST OF THREADS USED IN THE FABRIC
1. The 10/2 cotton in Chocolate Brown comes on 1 lb. cones, and is priced at $3.50 per lb.
2. The three colors used in the weft in perle 3 cotton are all priced at $3.50 per lb., and it comes on 1/2 lb. spools.
DRAFTS AND DESIGNS

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

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VOLUME 7, Number 2, October, 1964

MORE ABOUT THE FABRIC:
This six harness pattern is a very pleasing pattern, and I want you to look at the sample we had in the April, 1964 issue of Drafts and Designs. This is the same threading draft, with a slightly different tie-up, and of course, different threads were used in the weft. However, it does show how one threading draft can be used in a variety of different ways for different fabrics.

You will notice that we have two staggered spots of color in this fabric. With the addition of each two additional harnesses, you could introduce a third spot in a staggered sequence in a different color. With 10 harnesses, you could have 4 staggered spots, with 12 harnesses, 5 staggered spots, etc.

The Perle 3 cotton used in the weft is mercerized, and comes in about 35 colors. If interested, we will be glad to send you a color card to show the colors available.

In this pattern, it is important that you use a firm, tight, double beat.

Also, notice that there are 3 threads of a color and 3 threads of plain weave throughout the fabric. However, you should notice that the plain weave, which is on treadles 6 and 7 is alternated all the time. Here is the threading in a line sequence, and notice how I made sure that the alternate tabbies were always used to make sure that there would be no long float warp thread, and thus make it a more desirable upholstery material.

1,2,1, 6,7,6, 3,4,3, 7,6,7

Also, you could change this fabric quite a bit by making the spots larger and the plain weave areas could also be made larger. Thus, the 1,2,1 would be increased to 5,6 or 9 threads, and the 3,4,3 could be increased as desired to make the spots larger. The 6,7,6 and 7,6,7 plain weave areas could also be increased accordingly.

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THE TREADLING SEQUENCE

The treadling sequence is quite an easy one.

Treadle #6---Tobacco Brown Perle 3
Treadle #7---Tobacco Brown Perle 3
Treadle #6---Tobacco Brown Perle 3
Treadle #3---Aqua Blue Perle 3
Treadle #4---Aqua Blue Perle 3
Treadle #3---Aqua Blue Perle 3
Treadle #7---Tobacco Brown Perle 3
Treadle #6---Tobacco Brown Perle 3
Treadle #7---Tobacco Brown Perle 3
Treadle #1---Lime Green Perle 3
Treadle #2---Lime Green Perle 3
Treadle #1---Lime Green Perle 3

END OF ONE PATTERN REPEAT. REPEAT OVER AND OVER AS DESIRED. ON THE LAST REPEAT, BALANCE PATTERN BY ENDING WITH 6,7,6 in the Tobacco Brown Perle 3.

CLASSIFIED ADVERTISING

FOR SALE: 45", 12 harness Bergman Loom. Bench and extra heddles. $250.00. Call or write to H.O. Johnson, 806 - 36th Street, Milwaukee, Oregon. Phone 654-1751. Free delivery within 100 miles.
A CHRISTMAS TABLECLOTH

The sample this month is a 6 harness weave in red and green cotton that could be used for a Christmas Tablecloth. It could also be used at other times but because of the time of year, we suggest it as a Christmas project.

WARP

The warp thread used is a 20/2 Egyptian Cotton in a color called Bright Red.

WEFT

The pattern weft thread is a 20/2 mercerized cotton, color green, which was doubled, or wound 2 ends together on the bobbin.

The tabby thread used was the 20/2 Egyptian Cotton, same as the warp.

REED USED

A 15 dent reed was used, and it was double sleyed, 2 ends per dent or 30 threads per inch.

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Tie-up above is for jack-type loom.

COST OF THREADS USED

The 20/2 bright red Egyptian Cotton cones on 1/2 lb. cones, has 84,000 yards per lb., and is $5.50 per lb.

The 20/2 mercerized green pattern thread comes on 1 lb. cones, and is $3.50 per lb., has 84,000 yards per lb.

COST OF FABRIC

12 yard warp cost $9.28 or 77¢ per yard, for 43-3/4" width.

11 yards of finished fabric cost $11.60 for both tabby and pattern thd. Weft cost was $1.33 per yard. Cost is $2.10 per yard for 43-3/4" fabric.

THREADING PLAN FOR 44" WIDE TABLECLOTH

1. Right Border - one time...108 thds.
2. Pattern - 11 times 96....1056 thds.
3. To balance - first 40 threads of your pattern............40 thds.
4. LEFT BORDER plus 1 thd...109 thds.

TOTAL WARP ENDS, 43-3/4" wide...1313 ends

MORE ABOUT THE FABRIC

I would suggest that you can make either tablecloths for card table covers or tablecloths for a larger size table. I would suggest about a 48" length for the card table covering which should make it square when hemmed and washed.
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**VOLUME 7, Number 3, November, 1964**

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### PROFILE THREADING DRAFT

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**EXPLANATION OF PROFILE DRAFT ABOVE**
Each X in the threading draft above represents 4 warp ends. Thus, if an X is on row #3, it represents 4 threads threaded 1,3,2,3. If on #4 row, it represents 4 threads threaded 1,4,2,4. If the X is on row #5, it represents 4 threads threaded 1,5,2,5 and if on the 6th row, it represents 4 threads, 1,6,2,6.

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**MORE ABOUT THIS FABRIC (Cont. from front page)**
For a larger size tablecloth, I would suggest that you weave a piece about 72" long, and after washing and hemming, it should be about 43" wide x 65" long.

This summer and winter weave makes a very attractive tablecloth. We tried in this piece to use a 10/2 cotton for the pattern effect, but decided that we liked it much better when we doubled some 20/2 cotton and used 2 ends of this as the pattern thread rather than a single end of the 10/2 cotton.

Also, if you will check the right border and the left border above, you will note that one extra block of 4 threads has been added to the right selvage edge and the left selvage edge to partly compensate for draw-in when weaving. Also, we find that if you add one extra thread on the left selvage edge and put it on #1 harness, that your fabric will have a much neater selvage on the left side.

---

**INFORMATION ABOUT TREADLING BELOW**
Be sure that you understand that you step on treadles 1 & 4 together and throw a pattern shot; and then you step on just one tabby treadle and throw one shot of tabby; and then you step on the two treadles 2 & 4 and throw a pattern shot; and then you step on one tabby treadle and throw a tabby shot.

Also, be sure to understand that when the pattern calls for 4 shots, that 1 & 4 is called one pattern shot, 2 & 4 is the 2nd pattern shot, 1 & 4 is the 3rd pattern shot, and 2 & 4 is the 4th pattern shot. (Tabby is not given in the pattern and border treadling above except for the first treadle in the border treadling, to be sure that you get started on the proper tabby treadle.)

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**TREADLING SEQUENCE**
For all of the pattern shots, you will always use two treadles. For all tabby shots, you will use only one treadle, and you will always alternate the A and B or 7 & 8 tabby treadles.

**BORDER TREADLING**
1. Start with the A tabby treadle or treadle #7 and just one shot
2. 20 shots of treadles 1 & 3 and 2 & 4
3. 4 shots of treadles 1 & 4 and 2 & 4
4. 4 shots of treadles 1 & 3 and 2 & 3
5. 4 shots of treadles 1 & 4 and 2 & 4
6. 20 shots of treadles 1 & 3 and 2 & 3

**END OF TREADLING FOR BORDER.** You just do this treadling above one time, and you remember that there is always a tabby shot after each pattern shot.

**PATTERN TREADLING**
1. 4 shots of treadles 1 & 4 and 2 & 4
2. 4 shots of treadles 1 & 5 and 2 & 5
3. 4 shots of treadles 1 & 6 and 2 & 6
4. 4 shots of treadles 1 & 5 and 2 & 5
5. 4 shots of treadles 1 & 4 and 2 & 4
6. 4 shots of treadles 1 & 3 and 2 & 3
7. 4 shots of treadles 1 & 6 and 2 & 6
8. 4 shots of treadles 1 & 5 and 2 & 5
9. 4 shots of treadles 1 & 4 and 2 & 4
10. 4 shots of treadles 1 & 5 and 2 & 5
11. 4 shots of treadles 1 & 6 and 2 & 6
12. 4 shots of treadles 1 & 3 and 2 & 3

**END OF ONE PATTERN REPEAT.** REPEAT OVER AND OVER AS DESIRED.
Mrs. Rock's Christmas "N O E L"

For a Christmas pattern, we are going to suggest a 9 harness Summer and Winter pattern for book marks.

SOURCE OF THIS PATTERN:

This pattern is an original pattern designed by Mrs. Dorothy K. Rock of Portland, Ore., a member of the Portland Handweavers' Guild. We were introduced to it by seeing some samples of this pattern woven by Mrs. Helen Barry of Portland, also a member of the Portland Handweavers' Guild.

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MORE ABOUT PROFILE DRAFT:

Most of you know that each X in the profile draft represents 4 threads which are threaded according to the harness number the X is on. Thus, an X on #9 harness means 4 threads threaded 1, 9, 2, 9 and the same applies to the other X's on the other harnesses.

WARP: Fine-Weave, Mercerized Cotton, in a color called "Fushia".

WEFT: The fine weave cotton was used in the weft as a tabby thread, and a supported gold metallic was used as a pattern thread.

REED USED: A 10 dent reed was used and it was sleyed 6 ends per dent or 60 threads per inch. You can also use a 15 dent reed and sley it 4 ends per dent for 60 threads per inch.
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Treading Sequence:
First you weave tabby of A & B in fushia.
Next comes the border at bottom.
A -- fushia  A -- fushia
Y & 6 -- gold  X & 6 -- gold
B -- fushia  B -- fushia
Y -- gold  X -- gold
Repeat the A,Y,B,Y,A,X,B,X sequence one more time.

(1) Next is the space between the letters.
A -- fushia  A -- fushia
Y & 9 -- gold  X & 9 -- gold
B -- fushia  B -- fushia
Y & 9 -- gold  X & 9 -- gold
Repeat these 8 one more time.

Next is treading starting at bottom of L and working up.
A -- fushia  B -- fushia
Y & 6 -- gold  X & 6 -- gold
B -- fushia  A -- fushia
Y & 6 -- gold  Y & 6 -- gold
A -- fushia  B -- fushia
X & 6 -- gold  Y & 6 -- gold
Completes bottom bar of L & 3 rows of gold show in it.

A -- fushia  A -- fushia
X & 1 -- gold  Y & 1 -- gold
B -- fushia  B -- fushia
X & 1 -- gold  Y & 1 -- gold
This is the Lip of the L.

A -- fushia  A -- fushia
X & 7 -- gold  Y & 7 -- gold
B -- fushia  B -- fushia
X & 7 -- gold  Y & 7 -- gold
Repeat these 8 threads three more times plus repeating the first 4 of the 8 above again to complete the stem of the L.

NEXT YOU REPEAT THE TREADING FOR THE SPACE BETWEEN LETTERS AS GIVEN AT #1 - see first column. You do this 2 times or 16 threads between letters.

Next is treading for the "E":

A -- fushia  B -- fushia
Y & 6 -- gold  X & 6 -- gold
B -- fushia  A -- fushia
Y & 6 -- gold  Y & 6 -- gold
A -- fushia  B -- fushia
X & 6 -- gold  Y & 6 -- gold
Complements bottom of E.

A -- fushia  A -- fushia
X & 1 -- gold  Y & 1 -- gold
B -- fushia  B -- fushia
X & 1 -- gold  Y & 1 -- gold
Ends next part of E.

A -- fushia  B -- fushia
X & 7 -- gold  X & 7 -- gold
Ends next part of E.

A -- fushia  B -- fushia
Y & 8 -- gold  X & 8 -- gold
B -- fushia  A -- fushia
Y & 8 -- gold  Y & 8 -- gold
A -- fushia  B -- fushia
X & 8 -- gold  Y & 8 -- gold
Ends the center stem of E.

A -- fushia  B -- fushia
X & 7 -- gold  X & 7 -- gold
Ends next part of E.

A -- fushia  A -- fushia
Y & 1 -- gold  X & 1 -- gold
B -- fushia  B -- fushia
Y & 1 -- gold  X & 1 -- gold
Ends next part of E.
E Treading Continued

A -- fushia B -- fushia
Y & 6 -- gold X & 6 -- gold
B -- fushia A -- fushia
Y & 6 -- gold Y & 6 -- gold
A -- fushia B -- fushia
X & 6 -- gold Y & 6 -- gold

THIS COMPLETES THE E. NEXT YOU TREADLE THE TREADING FOR THE SPACE BETWEEN LETTERS AS GIVEN AT #1. (16 threads)

Next is treading for the "O".

A -- fushia B -- fushia
X & 5 -- gold Y & 5 -- gold
B -- fushia A -- fushia
X & 5 -- gold X & 5 -- gold
A -- fushia B -- fushia
Y & 5 -- gold X & 5 -- gold

Ends the bottom of the 0.

A -- fushia A -- fushia
Y & 1 -- gold X & 1 -- gold
B -- fushia B -- fushia
Y & 1 -- gold X & 1 -- gold

Repeat these 8 threads three more times plus the first 4 of these 8 to make 36 threads and complete center of the 0.

Next repeat the treading given for the bottom of the 0, 12 threads to finish the top of 0.

NEXT YOU REPEAT THE TREADING FOR THE SPACE BETWEEN LETTERS AS GIVEN AT #1. (16 threads)

Next is treading for the "N"

A -- fushia A -- fushia
Y & 2 -- gold X & 2 -- gold
B -- fushia B -- fushia
Y & 2 -- gold X & 2 -- gold

Repeat these 8 threads one more time, plus the first 4, making 20 threads, to complete the bottom of the N.

A -- fushia A -- fushia
X & 3 -- gold Y & 3 -- gold
B -- fushia B -- fushia
X & 3 -- gold Y & 3 -- gold

Repeat these 8 threads one more time, plus the first 4, making 20 threads, to complete the center of the N.

A -- fushia A -- fushia
Y & 4 -- gold X & 4 -- gold
B -- fushia B -- fushia
Y & 4 -- gold X & 4 -- gold

Repeat these 8 threads one more time, plus the first 4, making 20 threads, to complete the top of the N.

NEXT YOU REPEAT THE TREADING FOR THE SPACE BETWEEN LETTERS AS GIVEN AT #1. (16 threads)

Next is the treading for the top border.

A -- fushia A -- fushia
X -- gold Y -- gold
B -- fushia B -- fushia
X -- gold Y -- gold

Repeat these 8 threads one more time (16 threads in all) to finish the top border and complete Noel.

NOTE ABOUT THE TREADING:
Be sure to always remember that:
A -- tabby
Y & Pattern treadle
B -- tabby
Y & Pattern treadle

This results in just one gold thread showing on top of fabric. And:
A -- tabby
X & Pattern treadle
B -- tabby
X & Pattern treadle

This results in just one gold thread showing on top of fabric. You can end a pattern on either X or Y, but remember to always alternate the X's and Y's and have them in consecutive order. If you end a pattern on Y, you must start the next one with X.

COST OF THREADS USED:
The fine weave cotton thread is mercerized, and comes on small cones of 6,000 yards per cone. It is $1.95 per 6,000 yard cone. You can also use many different kinds of supported metallic for the pattern thread, but you will have more luck if you use a supported gold with a fairly heavy supporting thread rather than one with fine. We have some at $3.50 per lb. and some at $2.00 per spool.
PATTERN AND SHADOW

This is an 8 harness shadow weave that we have experimented with until we came up with something that we liked. It is quite unusual in texture and in pattern. Be sure to look at both the front and the back, as both surfaces have interesting effects.

KEY TO COLORS IN THE WARP

0 -- is 5/2 Perle Cotton, Raspberry
X -- is 20/2 Egyptian Cotton, French Rose

WARP

Two threads are used in the warp. The heavier thread is a 5/2 perle cotton with 2100 yards per lb. and comes on 1 lb. cones. Raspberry color.
The other thread is a 20/2 Egyptian cotton, with 8400 yards per lb., and it comes on 1/2 lb. spools. French Rose.

WEFT

In the weft, we used two threads also of different weights. We used the 5/2 perle cotton in a Maroon color as one of the weft threads, and the other was a Perle 3 cotton in white with 1200 yards per lb.

REED USED

A 10 dent reed was used and it was sleyed 4 ends per dent or 40 threads per inch.

TREADLING SEQUENCE

1. Treadle #6 -- Maroon perle 5
2. Treadle #7 -- Maroon perle 5
3. Treadle #6 -- Maroon perle 5
4. Treadle #7 -- White, perle 3
5. Treadle #1 -- White, perle 3
6. Treadle #2 -- White, perle 3
7. Treadle #1 -- White, perle 3
8. Treadle #7 -- White, perle 3

End of one repeat. Repeat over and over and over as desired.
DRAFTS AND DESIGNS

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

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VOLUME 7, Number 5 January, 1965

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MORE ABOUT THE FABRIC AND WEAVING:

This was a fairly hard fabric to weave on a loom with one warp beam. It would have been easier to weave if we had had a loom with 3 warp beams. Because of the long floats of both the fine and heavy warp threads, we had a little trouble keeping tension on the float threads. The perle 5 in the warp and the 20/2 cotton in the warp loosened up differently, so that one group of threads was longer than the other, and it was this that caused the problems.

Actually, all of the threads on the 3rd and 4th harnesses were the ones that floated and had a long float. Thus, we had to put two sticks in the back of the harnesses underneath each group of float threads. These we then brought around and down until they were hanging below the warp beam. We put a weight on the center and each end of these two sticks. One stick was at least 8" lower than the warp beam, and the other was about 6" lower after some 5 yards of fabric was woven. Thus, we cut it off and retied it as the simplest way to finish the warp.

TIE-UP DRAFT:

Although we used only 4 treadles in weaving our sample, we will give the full tie-up for all 7 treadles, as other variations of treadling can be done on the following set-up:

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COST OF THREADS USED IN THE SAMPLE

1. The perle 5 cotton in Raspberry and Maroon comes on 1 lb. cones and is $3.50 per lb.
2. The 20/2 Egyptian Cotton in the French Rose has 8400 yards per lb., comes on 1/2 lb. cones and is $5.50 per lb.
3. The perle 3 white cotton has 1200 yards per lb., comes on 1 pound cones and is $2.75 per pound.

COST OF THE FABRIC

In an 8 yard warp, 40" wide, with 1600 warp ends, it took 3 lbs. 8 oz. of the 5/2 raspberry cotton. It took 14 oz. of the 20/2 French Rose Egyptian Cotton. Thus the entire warp cost for 8 yards of warp, 40" wide came to $17.15, or a cost per yard of $2.15 for 40" width.

In the weft, it took much less thread, and from 6 yards of finished fabric, it took 2 lbs. of perle 3 white, and 14 oz. of 5/2 perle maroon cotton. The weft cost thus came to $8.56 or per yard cost of $1.43.

Because we had to cut off and retie the warp, there was some loss of warp, and thus we had only 6 yards of finished fabric. So, I should probably figure the cost of the finished fabric rather than the actual cost of the warp separately from the weft. Here are the revised figures for the fabric cost for 6 yards of finished fabric:

WARP COST PER YARD ........... $2.86
WEFT COST PER YARD ........... 1.43
FINISHED FABRIC COST PER YD.$4.29
NOVELTY CHECKS
An interesting 8 harness weave which would make excellent dress material, coat material, etc.

THREADING DRAFT

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KEY TO THREADS IN THE WARP
0 -- 20/2 Egyptian Cotton, Orange
X -- 20/2 Egyptian Cotton, Date Brown

WARP: There were 2 colors of size 20/2 Egyptian Cotton used in the warp. It was Date Brown and Orange. This cotton has 8400 yards per lb., comes on 1/2 lb spools.

WEFT: In the weft, we used two different colors in the Egyptian Cotton. We used a Seal Brown and a Tan, as weft.

REED USED: A 15 dent reed was used and it was double sleyed, 2 ends per dent, or 30 threads per inch.

COST OF THE THREADS USED: The 20/2 Egyptian Cotton comes in 95 to 100 colors, and the price is $5.50 per lb. on 1/2 lb. spools. This thread is mercerized and gassed, so it has a beautiful sheen, and the colors are the best for color fastness that are available anywhere in the U.S.

TREADLING SEQUENCE:
1. Treadle #3 -- Seal Brown
2. Treadle #4 -- Seal Brown
3. Treadle #1 -- Seal Brown
4. Treadle #2 -- Seal Brown
5. Treadle #3 -- Seal Brown
6. Treadle #4 -- Seal Brown
7. Treadle #5 -- Tan
8. Treadle #6 -- Tan
9. Treadle #7 -- Tan
10. Treadle #8 -- Tan
11. Treadle #5 -- Tan
12. Treadle #6 -- Tan

End of one pattern repeat. Repeat over and over as desired.
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VOLUME 7, Number 6 February, 1965

COST OF THE FABRIC:

We had a warp, 41" wide, or a total of 1230 warp ends. It was a 7 yard warp, and took 9 ounces of each of the 20/2 Egyptian Cotton in the Date Brown and the Orange color. This was 1 lb. 2 ounces at $5.50 per lb. or $6.19 for the 41" wide warp, 7 yards long. Thus the actual warp cost per yard came to 89¢ per yard.

From this 7 yard warp, we had a total of 6 yards of finished fabric that came off the loom. It took 8 ounces each of the Seal Brown and the Tan for weft for this 6 yards or $5.50 for the 6 yards. Thus the weft cost comes to 92¢ per yard.

WARP COST PER YARD, 41" WIDE...$ .89
WEFT COST PER YARD............. .92
FABRIC COST PER YARD...........$1.81

MORE ABOUT THIS SAMPLE:

This is an extremely easy piece to weave, but there are some suggestions that I would like to make.

First, if I were to do it of cotton again, I believe that I would recommend 36 threads per inch. This would make the float threads slightly shorter, and thus it would become a more durable fabric.

Second, I can't but help think that we should have done this in wool instead of cotton. I think it would make very good material for a coat, for tailored suits and dresses, and for jackets of all kinds. I would like to suggest that you use 2/8's FABRI yarn for the warp and weft if you decide to make it out of wool, and if you use this, then I think that 30 threads per inch would be very satisfactory.

Our sample has been washed and pressed, and I think is a very nice piece of material for dress materials, skirt materials, blouse material, etc.

I also think that this would make an excellent weave to use, using the very nice line of homespun wool yarns that are available in some 15 colors. It would be more expensive than the cotton, but would be excellent for overcoats, suits, sport coats, etc. I would use this homespun yarn at 24 per inch, and if you wanted a heavier and firmer material, then I would use it at 30 per inch.

TIE-UP DRAFT:

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CLASSIFIED ADVERTISING

SPINNERIN BRUSHED MOHAIR & ORLON A beautiful quality yarn available in two colors. They are light grey and light aqua. This is 70% brushed mohair and 30% orlon. Excellent for both knitting and weaving. 950 yards per lb. It is very, very, reasonably priced at $4.80 per lb. Has 950 yards per lb. Free samples upon request.
Robin & Russ, 533 North Adams St., McMinnville, Oregon.

TAWNY TAN LOOP MOHAIR. This is a beautiful quality mohair yarn with 1250 yards per lb. A very good buy at $4.00 per lb., while it lasts. Limited amount is available. Free samples upon request.
Robin & Russ, 533 North Adams St., McMinnville, Oregon.

6/1 NATURAL GREY LINEN WITH GOLD TWIST This is the same nubby or slubby linen with gold twist that we used to have. It has about 1600 yards per lb., and is the same price of $3.20 per lb. This is the dark natural grey linen color that is so popular now.
Robin & Russ, 533 North Adams St., McMinnville, Oregon.
SEERSUCKER DIAMOND
This is an interesting 7 harness weave which results in a seersucker effect. This was planned for crib covers, or light weight afghans.

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TREADLING SEQUENCE
The sequence used is almost that of a point twill treading, except that we have a slight repetition of treadles 1 & 2 to allow a small area of plain weave between diamonds. Here is the sequence: Treadle 1,2,3,4,5,6,5,4,3,2,1,2 - end of one pattern. REPEAT OVER AND OVER AS DESIRED.

WARF THREAD
Our warp thread is a 3 ply super fingering yarn in white. This yarn is mothproof also. It comes in skeins of about 150 yards per skein, 1 ounce per skein, in the easy to handle, pull out skeins.

WEFT THREAD
Our weft yarn was a 4 ply knitting worsted in white which is a mothproof yarn also. This comes in Tangle-Proof, pull out skeins, and the skeins are 4 ounces each.
The word seersucker comes from the word shirushaker which is from India, and means a puckered or blistered surface. You can see this effect in this fabric. You can in your handweaving make such an effect more outstanding, or you can try to eliminate it entirely. However, with a wool warp, it will tend to show up more than with other threads.

**COST OF THE THREADS USED**

The 3 ply super fingering yarn comes in approximately 25 colors. It has approximately 150 yards per 1 oz. skein, and is 39¢ per skein. The white and colors are all the same price. Minimum order of colors is one box of 12 - 1 ounce skeins.

The 4 ply knitting worsted comes in a nice line of colors, but we have in stock only white, and have to order colors. It is $1.39 per 4 oz. skein, and this is a mothproofed yarn. If you wish colors, the minimum order is one box of 6 skeins or 24 oz. In the white, you can purchase 4 ounces, or as much as you wish.

**COST OF THE FABRIC**

We had a warp 7 yards long, and 40" wide. It took 28 skeins or 2200 yards for warp. This cost was $10.92 for a 7 yard warp or a cost of $1.56 per yard. We had 6 yards of finished fabric from the 7 yard warp. It took 15, 4 ounce skeins of the knitting worsted for weft. The cost of this is $21.00 for 15 skeins at $1.40 per skein. Based on 6 yards of finished fabric, the weft cost per yard, 40" width, is $3.50.

- **WARP COST PER YARD**.....$1.56
- **WEFT COST PER YARD**.....3.50
- **FABRIC COST PER YARD**.....$5.06

Thus, a carriage robe, about 38" x 38" would cost about $5.50. A light weight lap robe, 40 x 72 would cost approximately $7.50 to $8.00.

**ALL PURPOSE SHUTTLE MADE BY ROBIN & RUSS**

Our new all purpose shuttle will take a 7" aluminum bobbin, two of the 3" Swedish Wood bobbins, and one of the plastic, 4" bobbin. This is all available from Robin & Russ. Shuttle is $4.50. 7" aluminum bobbin is 50¢ each. 3" wooden bobbins are 15¢ each, and 20¢ each is the price for the 4" plastic bobbin.
PEEK-A-BOO
A suggestion for baby blankets or crib covers in an 8 harness double weave.

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WARP:
X -- Blue Nylon Pompadour
0 -- White Nylon Pompadour

WEFT:
The same two nylon pompadour threads are used in the weft that were used in the warp.

REED USED:
A 10 dent reed was used, and it was sleyed 3 ends per dent. A 15 dent reed could be used, sleying the 15 dent reed 2 ends per dent. However, the 10 dent reed is much easier to use.

NOTE ABOUT THE FABRIC:
With the treadling and threading that we give herewith, the white side of the fabric will appear on the top, and the blue side will be the underside of the fabric.

COST OF THREAD USED:
The nylon pompadour comes in 2 oz. skeins. It is $5.40 per lb., or 69¢ per 2 oz. skein in less than 1 lb. of a color. All colors are the same price as well as the white being the same.
DRAFTS AND DESIGNS

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Volume 7, Number 8, April, 1965

TREADLING SEQUENCE:
Treadle #1 -- White Pompadour
Treadle #2 -- Blue Pompadour
Treadle #3 -- White Pompadour
Treadle #4 -- Blue Pompadour
Treadle #5 -- White Pompadour
Treadle #6 -- Blue Pompadour
Treadle #7 -- White Pompadour
Treadle #8 -- Blue Pompadour
Treadle #1 -- White Pompadour
Treadle #2 -- Blue Pompadour
Treadle #3 -- White Pompadour
Treadle #4 -- Blue Pompadour
Treadle #1 -- White Pompadour
Treadle #2 -- Blue Pompadour
Treadle #3 -- White Pompadour
Treadle #4 -- Blue Pompadour

Note: End of one pattern repeat. There are 16 threads in each pattern repeat. Repeat over and over as desired.

MORE ABOUT THE FABRIC:

We thought it might be a great advantage to have crib covers or baby blankets out of nylon pompadour, so that they are easily washable. We found this nice quality pompadour available, and it is the same price as a wool pompadour, and is available in the same colors as is baby wool pompadour. It is available in white, baby blue, baby pink, baby green, light yellow and lavender, I believe.

We at first thought that we might have much trouble with the use of the pompadour nylon thread. However, by using a 10 dent reed and triple sleying, 3 ends per dent, we had much less trouble than anticipated, and this was surprisingly easy to weave.

I do feel that with the use of the 10 dent reed and 3 ends per dent, that it is much easier to get a good clear shed than when you use a 15 dent reed and double sley two ends per dent.

When the blue side or underside of the fabric is being woven, you must remember that all of the white and 1/2 of the blue warp threads are raised. Thus, you have to be careful that you do not skip a thread or go over or under a thread in the bottom part of the shed, as you cannot see it when 3/4th of all of the warp threads are in a raised position. You should make a point of checking and looking at the underside of the fabric periodically, and quite regularly, to see that you do not have any skips or floats on this part of the fabric.

Still another aid in the weaving is the use of a fairly tight tension. This helps the warp threads to separate, and you can also help this further by a treading trick. You should beat once lightly, change to the next shed, and beat lightly again before you throw the shuttle. This helps to clear the shed and thus helps eliminate possible mistakes on the bottom side of the fabric.

COST OF THE FABRIC:

We had a 7 yard warp, 40" wide in the reed with 30 threads per inch. It took 15 skeins of white and 15 skeins of blue pompadour for the 7 yard warp. This is 1 lb. 14 oz. of each. Thus the warp cost was $9.13 for each color or $18.26 in all. The cost per yard for your warp is $2.61 per yard.

In the weft it took less thread for weft. It took 1 lb. 7 oz. of each of the white and blue pompadour. Thus, the weft cost for each of the 2 colors was $7.78 or a total cost of weft thread of $15.56. There was slightly over 6 yards of weft from the 7 yard warp, so the weft cost (based on 6 yards) is $2.60 per yard.

| WARP COST PER YARD | 2.61 |
| WOOF COST PER YARD | 2.60 |
| FABRIC COST PER YARD | 5.21 |

If you decide to make baby blankets, I would suggest that you make them 40" x 40". For crib covers then, I would suggest about 40" x 60" or at the longest 40" x 72" length.
PEACH AND PINK TURNED LACE

The sample this month is a 6 harness turned lace weave, with the lace being created by the warp in one place, and then being created by the weft in another.

WARP

There are two colors of 40/2 linen used in the warp. One is a 40/2 Natural Linen and the other is a 40/2 Peach Linen.

WEFT

There were 2 sizes and colors of thread used in the weft. One was a 20/1 linen in a light pink color and the other was a 16/3 Ramie in a Sunset Pink color.

REED USED

A 15 dent reed was used, and it was double sleyed, 2 ends per dent, or 30 threads per inch.

THREADING DRAFT:

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COLORS USED IN THE WARP:

X -- 40/2 Linen in Natural Color
0 -- 40/2 Linen in Peach Color
DRAFTS AND DESIGNS

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Volume 7, Number 9, May, 1965

TREADLING SEQUENCE:

Remember that in this treadling sequence, as in the tie-up draft, that treadles #5 and #6 are tabby or plain weave treadles.

Treadle #6 -- one time, 20/1 Pink
Treadle #3 -- one time, 20/1 Pink
Treadle #6 -- one time, 20/1 Pink
Treadle #3 -- one time, 20/1 Pink
Treadle #6 -- one time, 20/1 Pink
Treadle #4 -- one time, 20/1 Pink
Treadle #6 -- one time, 20/1 Pink
Treadle #4 -- one time, 20/1 Pink
Treadle #6 -- one time, 20/1 Pink
Treadle #3 -- one time, 20/1 Pink
Treadle #6 -- one time, 20/1 Pink
Treadle #3 -- one time, 20/1 Pink
Treadle #6 -- one time, 20/1 Pink
Treadle #3 -- one time, 20/1 Pink
Treadle #6 -- one time, 20/1 Pink
Treadle #4 -- one time, 20/1 Pink
Treadle #6 -- one time, 20/1 Pink
Treadle #4 -- one time, 20/1 Pink
Treadle #6 -- one time, 20/1 Pink
Treadle #5 -- one time, 16/3 Ramie
Treadle #1 -- one time, 16/3 Ramie
Treadle #5 -- one time, 16/3 Ramie
Treadle #1 -- one time, 16/3 Ramie
Treadle #5 -- one time, 16/3 Ramie

End of one repeat. There are 22 threads in one repeat. Repeat over and over as desired.

COST OF THE FABRIC:

We had a 7 yard warp, 40-2/3" wide. It took 12 oz. of 40/2 Peach Linen, and it took 12 oz. of 40/2 Natural Linen for the warp. The Natural Linen is $5.50 per lb., and the colored linen is $7.60 per lb. Thus, the 7 yard warp cost $9.83 in total cost or $1.41 per yard.

In the weft, it took 12 oz. of 20/1 Pink Linen and 13 oz. of 16/3 Sunset Pink Ramie. The 20/1 linen in color is $5.90 per lb., and the 16/3 Ramie in Sunset Pink is $5.00 per lb. Thus the total weft cost was $8.44 or $1.41 per yard for the 6 yards of finished fabric received.

WARP COST PER YARD........... 1.41
WEFT COST PER YARD........... 1.41
FABRIC COST PER YARD....... $2.82

TIE-UP DRAFT:

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MORE ABOUT THIS FABRIC:

First of all, this turned lace is the same as a turned spot weave, where the warp creates a spot, and then this spot is turned in the opposite direction in another location and the weft creates a spot.

Another definition of such a fabric is that it is a fabric that has floats in two directions on the same side of the fabric.

This can be done on a 4 harness loom, and I have woven it thus, but it is a little easier to follow the sequence and keep track of the weft thread if you do expand it to a 6 harness weave as we have done here.

One more thing is that I feel that in this sample I made a mistake in the choice and size of the color of the 16/3 Sunset Pink Ramie. I wove my first sample using a 20/1 Tan Linen for this portion, and after seeing the two of these fabrics together, I find that I still like the tan best.

On a weave of this type, it is important that you use a tight beat and I myself prefer a double beat as was used on this sample.

This sample has been washed and pressed. and if you hold it up so that the light shines through it, then you see the lace much more than when you look at it as a sample on our instruction sheet.
BLACK AND WHITE SPOTS

An interesting 8 harness spot weave that would be useful in many kinds of clothing fabric.

WARP

The warp is the fine quality Fabri yarn in black and white. 2/18's size, 4800 yards per lb.

WEFT

The same two threads as used in the warp, black and white FABRI, are both used in the weft.

REED USED

A 15 dent reed was used and it was double sleyed, 2 ends per dent, or 30 threads per inch.

THREADING DRAFT:

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KEY TO COLORS IN THE WARP

X -- Black, 2/18's worsted, FABRI
0 -- White, 2/18's worsted, FABRI

NOTE: One pattern repeat consists of a total of 10¼ warp threads.
TIE-UP DRAFT

| 8 | 0 |
| 7 | 0 |
| 6 | 0 |
| 5 | 0 | 0 |
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| 3 | 0 |
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Note: A & B or 1 & 2 are tabbies.

TREADING SEQUENCE:

First of all, please note that for weft, you use the white Fabri on the #1 treadle, and you use black on all other treadle numbers.

TREADING:

| Treadle #1 | -- Repeat 8 times |
| Treadle #2 |
| Treadle #1 | -- One time |
| Treadle #3 |
| Treadle #1 | -- Repeat two times |
| Treadle #4 |
| Treadle #1 | -- Repeat two times |
| Treadle #5 |
| Treadle #1 | -- One time |
| Treadle #4 |
| Treadle #1 | -- Repeat two times |
| Treadle #5 |
| Treadle #1 | -- Repeat two times |
| Treadle #4 |
| Treadle #1 | -- One time |
| Treadle #3 |

Repeat over and over as desired.

REMEMBER:

Use white thread on all #1's.
Use black on all other treadles.

COST OF THIS FABRIC:

On a 7 yard warp, 40" wide, it took 1 1/2 oz. of black Fabri and 1 1/2 oz. of white Fabri for warp. At $6.80 per lb., this makes the warp cost $11.90 or the warp cost per yard for 7 yards was $1.70 per yard.

In the weft, we used 10 oz. of black and 10 oz. of white Fabri. Thus, the weft cost was $8.50 in all, or $1.42 per yard, for 6 yards of finished fabric.

WARP COST PER YARD.......$1.70
WEFT COST PER YARD.......$1.42
FABRIC COST PER YARD.......$3.12

MORE ABOUT THIS FABRIC:

First of all, when you look at the threading draft, please note that every other thread is on harness #1. This means that on a 40" width, there are 600 heddles on harness #1. Thus, this harness has a tendency to raise slightly or float above its normal resting space. You can help eliminate this by putting some weights on the top of the harness, or by putting a spring on the bottom, or by using some similar method. If you are using a contra-marsch loom, you will not have this problem, but it will exist on most jack type looms.

Other than this minor problem, this is a fairly easy fabric to weave. The threading is a little complicated, but fairly easy to follow.