

# drafts and designs

*a guide for 5 to 12 harness weaves*

VOLUME 20, Number 1. September 1977.

## BEIDERWAND BLUES

Here is a design for a bedspread fabric in the old German coverlet technique called Beiderwand. This is a completely reversible compound weave structure, with block arrangements as versatile as the summer & winter weave system.

## WARP USED

For the warp we used a size 10/2 cotton, mercerized and gassed, in two colors. The main color was Forest (#11) and the binder threads were in Chocolate (#37).

## WEFT USED

There were two threads used in the weft. The tabby weft was a 10/2 cotton in blue (#68). The pattern weft was a 2 ply tussah silk in the natural color with a black fleck.

## REED USED

A 15 dent reed was used and it was sleyed two ends per dent throughout the entire warp, making 30 ends per inch.

## THREADING DRAFT

8			X X	X X	X X			X X	X X	X X		
7			X X	X X	X X			X X	X X	X X		
6		X X	X X			X X		X X	X X		X X	
5		X X	X X			X X		X X	X X		X X	
4	X X						X X					
3	X X					X X						
2	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0	0	0



## KEY TO THREADS IN THREADING DRAFT

X = 10/2 cotton, Forest (#11)  
O = 10/2 cotton, Chocolate (#37)

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want your subscription to start with the  
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VOLUME 20, Number 1. SEPTEMBER 1977.

TIE-UP DRAFT

8	0		0			0	0			
7		0	0			0	0			
6	0		0		0			0		
5		0	0		0			0		
4	0			0	0		0			
3		0		0	0		0			
2										0
1									0	
	x	y	1	2	3	4	5	6	B	A

TREADLING

Treadle x - 10/2 cotton, blue  
Treadle A and 1 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 1 - 2 ply tussah silk  
Weave this block three times.  
Treadle x - 10/2 cotton, blue  
Treadle A and 4 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 4 - 2 ply tussah silk  
Weave this block three times.  
Treadle x - 10/2 cotton, blue  
Treadle A and 5 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 5 - 2 ply tussah silk  
Weave this block two times.  
Treadle x - 10/2 cotton, blue  
Treadle A and 4 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 4 - 2 ply tussah silk  
Weave this block one time.  
Treadle x - 10/2 cotton, blue  
Treadle A and 1 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 1 - 2 ply tussah silk  
Weave this block one time.  
Treadle x - 10/2 cotton, blue  
Treadle A and 6 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 6 - 2 ply tussah silk  
Weave this block one time.

Treadle x - 10/2 cotton, blue  
Treadle A and 3 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 3 - 2 ply tussah silk  
Weave this block one time.  
Treadle x - 10/2 cotton, blue  
Treadle A and 2 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 2 - 2 ply tussah silk  
Weave this block one time.  
Treadle x - 10/2 cotton, blue  
Treadle A and 5 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 5 - 2 ply tussah silk  
Weave this block three times.  
Treadle x - 10/2 cotton, blue  
Treadle A and 2 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 2 - 2 ply tussah silk  
Weave this block four times.  
Treadle x - 10/2 cotton, blue  
Treadle A and 3 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 3 - 2 ply tussah silk  
Weave this block four times.  
Treadle x - 10/2 cotton, blue  
Treadle A and 6 - 2 ply tussah silk  
Treadle y - 10/2 cotton, blue  
Treadle B and 6 - 2 ply tussah silk  
Weave this block one time.

This is the end of one complete pattern  
repeat. Repeat over and over as desired.

ABOUT THE FABRIC

As you would expect with an overshot  
type system, this is rather slow to weave.  
Use a medium, even, double beat. We  
anticipated a problem of different tension  
between the two sets of warp threads, but  
this did not occur and the weaving was  
trouble-free throughout.

We put on a 14 yard warp, 40 inches  
wide in the reed. The finished fabric is  
12 yards 15 inches long and 38 inches wide.

COST OF THE FABRIC

In the warp we used 3 lb. 6½ oz. of 10/2  
cotton in Forest, and 13½ oz. in Chocolate.  
At \$8.50 a pound (4,200 yards/pound), the cost  
of the warp comes to \$36.10 for 14 yards, or  
\$2.58 per yard.

In the weft we used 1 lb. 6½ oz. of 10/2  
cotton in Blue at a cost of \$11.94. We used  
4 lb. 14 oz. of 2 ply tussah silk, which, at  
a cost of \$8.00 per pound (1,200 yards/pound)  
comes to \$39.00 for the cost of the pattern  
weft thread. So the total weft cost was  
\$50.94, or \$4.08 per yard.

WARP COST PER YARD.....\$2.58  
WEFT COST PER YARD.....\$4.08  
FABRIC COST PER YARD.....\$6.66



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VOLUME 20, Number 2. October 1977.

TREADLING

- Treadle 8 - 12/2 worsted, Black
- Treadle 7 - 18/2 worsted, C. Green } x5
- Treadle 8 - 18/2 worsted, R. Brick } x5
- Treadle 1 - 18/2 worsted, C. Green } x2
- Treadle 8 - 18/2 worsted, R. Brick } x2
- Treadle 2 - 18/2 worsted, C. Green } x2
- Treadle 8 - 18/2 worsted, R. Brick } x2
- Treadle 3 - 18/2 worsted, C. Green
- Treadle 8 - 12/2 worsted, Dark Navy Blue
- Treadle 3 - 18/2 worsted, C. Green
- Treadle 8 - 18/2 worsted, R. Brick
- Treadle 2 - 18/2 worsted, C. Green } x2
- Treadle 8 - 18/2 worsted, R. Brick } x2
- Treadle 1 - 18/2 worsted, C. Green } x2
- Treadle 8 - 18/2 worsted, R. Brick } x2
- Treadle 7 - 18/2 worsted, C. Green } x4
- Treadle 8 - 18/2 worsted, R. Brick } x4
- Treadle 7 - 18/2 worsted, C. Green
- Treadle 8 - 12/2 worsted, Black
- Treadle 7 - 18/2 worsted, S. Grey } x5
- Treadle 8 - 18/2 worsted, V. Tan } x5
- Treadle 4 - 18/2 worsted, S. Grey } x2
- Treadle 8 - 18/2 worsted, V. Tan } x2
- Treadle 5 - 18/2 worsted, S. Grey } x2
- Treadle 8 - 18/2 worsted, V. Tan } x2
- Treadle 6 - 18/2 worsted, S. Grey
- Treadle 8 - 12/2 worsted, Laquer Red
- Treadle 6 - 18/2 worsted, S. Grey
- Treadle 8 - 18/2 worsted, V. Tan
- Treadle 5 - 18/2 worsted, S. Grey } x2
- Treadle 8 - 18/2 worsted, V. Tan } x2
- Treadle 4 - 18/2 worsted, S. Grey } x2
- Treadle 8 - 18/2 worsted, V. Tan } x2
- Treadle 7 - 18/2 worsted, S. Grey } x4
- Treadle 8 - 18/2 worsted, V. Tan } x4
- Treadle 7 - 18/2 worsted, S. Grey

This is the end of one complete repeat of the pattern. There are 80 picks in one repeat. Repeat over and over as desired.

8	0							0
7		0						0
6	0		0					0
5				0				0
4					0			0
3				0		0		0
2								0
1	0	0	0	0	0	0	0	
	1	2	3	4	5	6	7	8

ABOUT THE FABRIC

One thing to be aware of with this design is that harness #1, with so many threads on it, comes up with the rest of the threads when you use treadle #8, and it is the only harness that is supposed to stay down. You can either hang weights on this harness or, if you have a ninth harness, you can thread every other end that goes on harness #1 on harness #9, and tie-up #9 the same as #1.

Use a firm, even, double beat. The double beat is necessary to clear the shed.

The treadling looks complicated, but in fact is very easy to memorize and fun to weave. If you start with one pair of shuttles on one side and the other pair on the other, this helps alot in keeping track of where you are.

We put on a 14 yard warp, 38½ inches wide in the reed. From this we got 12 yards 4 inches of finished fabric, 37 inches wide. As you see, it took in very little, and there was no problem with selvages.

COST OF THE FABRIC

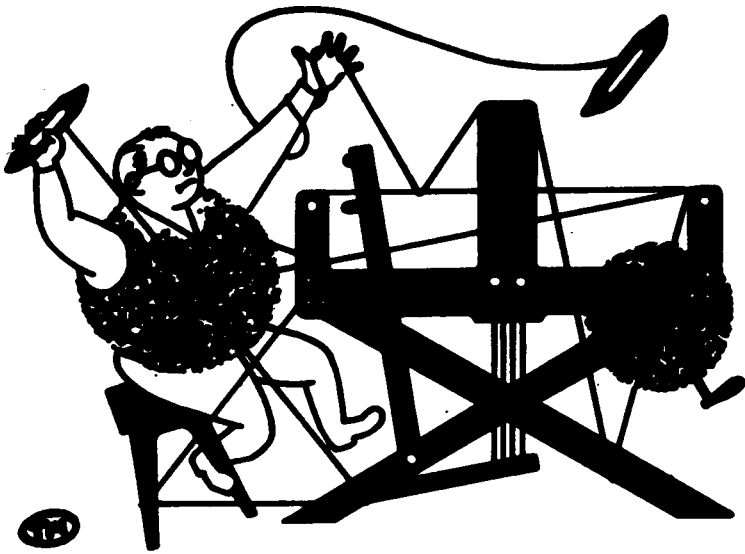
The worsteds used in this sample are a Fabri-type yarn we have made for us in England. The 18/2 comes in 39 colors and has 5,000 yards to the pound. The 12/2 comes in 22 colors and has 3,300 yards per pound. They both sell for \$9.60 a pound and come on half pound cones.

In the warp we used a total of 2 lb. 11 oz. of the 18/2 at a cost of \$25.80, and 4 oz. of the 12/2 at a cost of \$2.40. So the total cost of the warp was \$28.20.

In the weft we used a total of 1 lb. 12 oz. of the 18/2 at a cost of \$16.80, and 4 oz. of the 12/2 at a cost of \$2.40. So the total cost of the weft was \$19.20.

Here are these amounts broken down by color:  
 18/2 Rose Brick - Warp 11½ oz, Weft 7 oz.  
 18/2 Silver Grey - Warp 10 oz, Weft 7 oz.  
 18/2 Vienna Tan - Warp 11½ oz, Weft 7 oz.  
 18/2 Creme Green - Warp 10 oz, Weft 7 oz.  
 12/2 Dark Navy Blue - Warp 1 oz, Weft 1 oz.  
 12/2 Laquer Red - Warp 1 oz, Weft 1 oz.  
 12/2 Black - Warp 2 oz, Weft 2 oz.

WARP COST PER YARD .....\$2.00  
 WEFT COST PER YARD .....\$1.60  
 FABRIC COST PER YARD .....\$3.60



# drafts and designs

## a guide for 5 to 12 harness weaves

VOLUME 20, Number 3. November 1977.

### LET'S PLAY TAG

This month's sample is a design for a bedspread in an eight harness weave called the Tag System.

### WARP USED

Just one kind of thread was used in the warp and it was a 12/2 unmercerized, natural cotton.

### WEFT USED

Two threads were used in the weft. The tabby weft was the same 12/2 unmercerized, natural cotton used in the warp. The pattern weft was a 3 ply silk noil in a brown color (not natural).

### REED USED

A 15 dent reed was used and it was double sleyed, two ends per dent, making 30 ends per inch.

### THREADING DRAFT

8			XX		XX		XX			XX		XX		XX
7		X		X	X	X	X	X	X		X	X	X	X
6		XX												XX
5	X		X		X			X						X
4	XX							XX						
3	X	X			X		X		X	X	X	X	X	
2		XX		XX		XX		XX		XX		XX		XX
1		X		X		X		X		X		X		X



### PROFILE DRAFT

C		XXX		XXX
B	X			X
A	X		X	

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VOLUME 20, Number 3. November 1977.

TREADLING

In this treadling sequence, the numbered treadles (treadles 1 through 9) are picks of pattern thread - 3 ply silk noil. The lettered treadles (treadles a and b) are picks of tabby thread - 12/2 cotton.

The sequence is divided into three blocks, A, B and C, with the B block repeated twice in each pattern repeat. Each block consists of 20 picks, 10 of pattern and 10 of tabby.

Here is the treadling sequence:

- A. a,1,b,1,a,2,b,2,a,3,b,3,a,2,b,2,a,1,b,1
- B. a,4,b,4,a,5,b,5,a,6,b,6,a,5,b,5,a,4,b,4
- C. a,7,b,7,a,8,b,8,a,9,b,9,a,8,b,8,a,7,b,7
- B. a,4,b,4,a,5,b,5,a,6,b,6,a,5,b,5,a,4,b,4

There is a total of 80 picks in one complete repeat of the pattern, 40 of tabby and 40 of pattern thread.

COST OF THE FABRIC

The 12/2 unmercerized, natural cotton is a great buy at \$4.00 a pound. It comes on one pound cones with 5,000 yards to the pound. We used 3 lb. 9 oz. of it in the warp, at a cost of \$14.25, and we used 1 lb. 9 oz. of it in the weft, costing \$6.25.

The 3 ply silk noil costs \$6.80 per pound and has about 3,200 yards to the pound. We used 2 lb. 14½ oz. of the noil in the weft, at a cost of \$19.77.

So the total cost of the 14 yard warp, 40 inches wide in the reed, was \$14.25, and the total cost of the weft was \$26.02.

WARP COST PER YARD .....\$1.02  
 WEFT COST PER YARD .....\$2.20  
 FABRIC COST PER YARD .....\$3.22

8	0	0	0	0	0	0	0	0			0	
7	0	0	0			0	0	0				0
6	0	0	0	0			0	0	0	0		
5			0	0	0		0	0	0			0
4	0			0	0	0	0	0	0	0		
3	0	0		0	0	0			0			0
2	0	0		0	0		0	0			0	
1			0			0			0			0
	1	2	3	4	5	6	7	8	9	a	b	

ABOUT THE FABRIC

This is a rather unusual unit weave which Harriet Tidball identifies as the Tag System. The only place I have seen a draft for it is in her book "The Handloom Weaves" where the threading for three units on eight harnesses is given with three variations in tie-ups. Each unit consists of eight ends; three of them are tie down ends threaded 2, 1, 2, and the other five ends are on three of the six pattern harnesses, threaded in a point twill sequence. The distinctive characteristic of this draft is that the three pattern harnesses used in one unit are not used exclusively for that unit. For example, harness 3 is used in the unit threaded 3,4,5,4,3 and also in the unit threaded 7,8,3,8,7. This seems to me to be the reason for the name of the weave, as each unit is kind of tagged on to the next one.

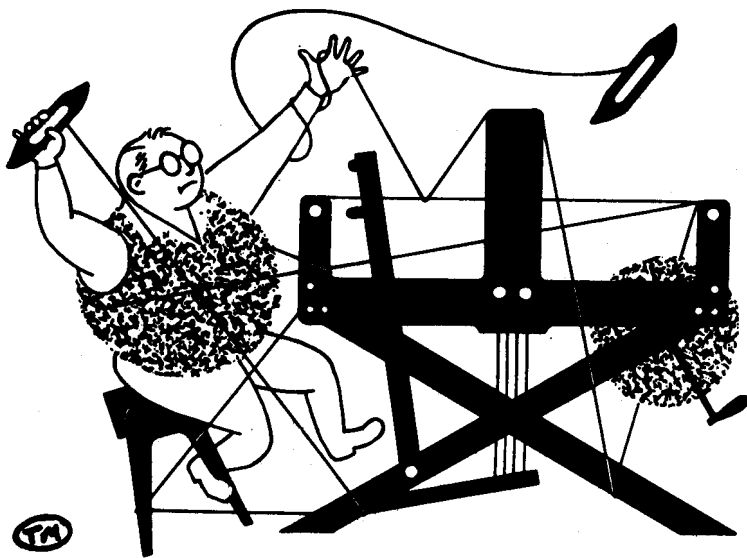
Variations in tie-up and treadling give a wide range of patterns and textures. We will use a variation with a different tie-up in a future issue of Drafts and Designs.

This is alot easier to weave than it looks, mainly because it is so easy to keep track of your treadling sequence, without too much concentration. When I tied the loom up, I left a treadle untied in between treadles 3 and 4 and between 6 and 7 and this made it easier to find the treadles for the different blocks. I worked treadles 1 through 8 with my left leg and treadles 9, a and b with my right. I wove the fabric right-side-up using the

tie-up given here, but you may want to weave it upside-down, lifting only two or three harnesses instead of five or six. The reverse side of this fabric, as you can see, is also very attractive.

This fabric was designed as a bedspread and either side could be used for this. It would also make good upholstery material and drapes. As it is predominantly warp-faced on the right side and weft-faced on the reverse, the two sides are quite different in color and texture.

The warp was 14 yards long and 40 inches wide in the reed. The finished fabric measured 11 yards 30 inches and took in to 38½ inches wide.



# drafts and designs

## *a guide for 5 to 12 harness weaves*

VOLUME 20, Number 4. December 1977.

### POTPOURRI

The crazy assortment of yarns in this heavy drapery fabric leads us to this name for our sample this month. This should be a great inspiration for those of you who are hesitant about mixing yarn types in warp or weft.

### WARP USED

The warp is made up of two kinds of ramie, a 16/2 natural eggshell ramie and a 40/2 natural white ramie, and a synthetic (dralon) 2 ply novelty yarn called White Delight.

### WEFT USED

Two shuttles were used in the weaving of this fabric. One carried the White Delight that was also used in the warp. The other weft was a combination of three different cotton threads, all wound on one bobbin and used as one end. This was composed of: one end of 20/2 Egyptian cotton in Sun Gold, one end of natural cotton with a gold twist, and two ends of 12/2 natural, unmercerized cotton. So this weft thread was composed of four ends of fine cotton, creating one heavier thread.



### KEY TO THREADS IN THREADING DRAFT

O = 16/2 ramie, natural eggshell  
X = 40/2 ramie, natural white  
W = White Delight, dralon novelty

### THREADING DRAFT

8	O	O		XX	W	W
7	O	O		X X	W	W
6	O	O		X X	W	W
5	O	O		X X	WW	
4	O	O	WW	X	X	
3	O	O	W W	X	X	
2	O	O	W W	X	X	
1	OO	W	WX		X	

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VOLUME 20, Number 4. December 1977.

REED USED

We used a 10 dent reed and double sleyed it, two ends per dent, for the 16/2 and 40/2 ramie, and single sleyed it, one end per dent, for the White Delight. Thus the 48 ends in one pattern repeat were sleyed in to 32 dents.

TIE-UP DRAFT

8		0			0	0	0	0
7	0			0	0	0	0	
6			0	0	0	0		0
5		0	0	0	0		0	
4	0	0	0	0		0		
3	0	0	0		0			0
2	0	0		0			0	0
1	0		0			0	0	0
	1	2	3	4	5	6	7	8

TREADLING

Treadle as follows:

1. Treadle 2 - White Delight
2. Treadle 3 - White Delight
3. Treadle 4 - White Delight
4. Treadle 3 - White Delight
5. Treadle 2 - White Delight
6. Treadle 6 - cotton combination
7. Treadle 7 - cotton combination
8. Treadle 8 - cotton combination
9. Treadle 7 - cotton combination
10. Treadle 6 - cotton combination

This is one complete repeat of the pattern. The "cotton combination" is explained under "Weft Used". Repeat over and over as desired.

ABOUT THE FABRIC

A question we are often asked by customers in the store is whether it is alright to use different types of yarns together in one weaving. Of course this depends alot on what your fabric is to be used for and what you want it to look like but this sample may answer some of these questions. This fabric was absolutely no problem at all to weave. The heavy white Delight in the warp worked just fine with the ramie threads, and weaving was smooth and very fast because of the heavy weft threads.

Occasional knots in the White Delight warp would not slide through the reed and these had to be replaced by an end of White Delight hanging from a weighted spool down the back of the loom.

The treadling sequence was an easy one to follow. I put all eight treadles in the tie-up draft here to show you the draft I worked from when designing this piece, but as you can see, treadles 1 and 5 are not used in this treadling sequence and need not be tied up. I left a treadle untied between treadles 4 and 6 and worked the two halves of the sequence with different feet.

We got some other interesting designs from this draft using all eight treadles, twill sequences with just one weft thread.

The warp was 37 1/2 inches in the reed and wove down to about 35 1/2 inches wide. From our 14 yard warp we got 12 yards 22 inches of finished fabric. I measured the amount lost to loom and figured that about 30 inches had been taken up in length in weaving.

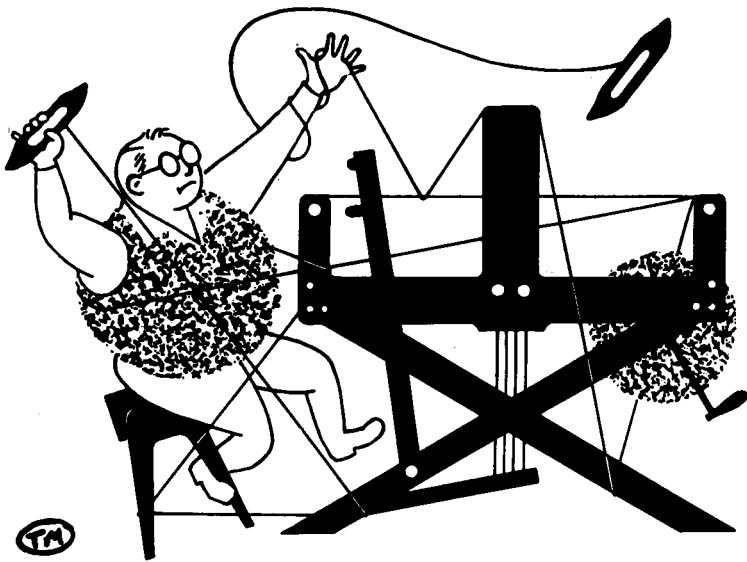
COST OF THE FABRIC

In the warp we used 5 lb 6 oz of White Delight (475-500 yds/lb) at \$4.00 per pound; 8 oz of 40/2 natural white ramie (5,000 yds/lb) at \$.80 per pound; and 14 oz of 16/2 natural eggshell ramie (2,400 yds/lb) at \$10.00 per pound. The total warp cost for the 14 yard warp came to \$34.26.

In the weft we used 7 lb 9 oz of White Delight; 1 lb 1 1/2 oz of 12/2 natural cotton (5,000 yds/lb) at \$4.00 per pound; 7 oz of 20/2 Sun Gold Egyptian cotton (8,400 yds/lb) at \$.90 per pound; and 8 1/2 oz of natural cotton with gold twist (6,400 yds/lb) at \$.80 per pound. The weft cost came to a total of \$42.82, for 12 yards 22 inches of finished fabric.

WARP COST PER YARD .....	\$2.45
WEFT COST PER YARD .....	\$3.35
FABRIC COST PER YARD .....	<u>\$5.80</u>





# drafts and designs

*a guide for 5 to 12 harness weaves*

VOLUME 20, Number 5. January 1978.

## BUTTERMILK SKY

A six harness design for heavy drapery fabric. This is a double weave featuring a creamy, luxurious, chunky tussah silk and rayon combination yarn called Buttermilk.

## WARP USED

There were three different yarns used in the warp. The fine white yarn is a combination of 70% polyester, 15% angora and 15% wool and is 6 ply. The natural colored thread which forms the backing layer is a 3 ply silk noil. The dominant yarn in this design is the chunky Buttermilk, a tussah silk and viscose rayon combination which is 2 ply.

## WEFT USED

The same three threads used in the warp were also used as weft.

## REED USED

A 6 dent reed was used and it was sleyed in an irregular way. The fine threads, which come in threes in the threading draft, were threaded three ends to a dent. The heavy Buttermilk ends were threaded one end per dent. This averages out to 14 ends per inch.



## THREADING DRAFT

6	B			B		
5			B			B
4		N	N	N	N	
3		N	N		N	N
2	A	A				
1	A					

## KEY TO THREADS IN THREADING DRAFT

A = Angora, polyester & wool, white  
 B = Buttermilk, tussah silk & rayon, natural  
 N = Noil, 3 ply silk, natural

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VOLUME 20, Number 5. January 1978.

TREADLING

Treadle as follows:

1. Treadle #2 - 6 ply angora/polyester, white
2. Treadle #1 - 6 ply angora/polyester, white
3. Treadle #2 - 6 ply angora/polyester, white
4. Treadle #1 - 6 ply angora/polyester, white
5. Treadle #2 - 6 ply angora/polyester, white
6. Treadle #6 - 3 ply silk noil, natural
7. Treadle #4 - 2 ply chunky Buttermilk
8. Treadle #5 - 3 ply silk noil, natural
9. Treadle #3 - 2 ply chunky Buttermilk
10. Treadle #6 - 3 ply silk noil, natural
11. Treadle #4 - 2 ply chunky Buttermilk
12. Treadle #5 - 3 ply silk noil, natural
13. Treadle #3 - 2 ply chunky Buttermilk

This is one complete repeat of the pattern. There are 13 picks in one repeat. Repeat over and over as desired.

COST OF THE FABRIC

The chunky Buttermilk has about 260 yards to the pound, comes on about 1 lb 2 oz cones, and costs \$7.60 per pound. Both the 3 ply noil and the angora combination thread are \$8.00 per pound.

The warp used 7 oz of the angora combination thread at a cost of \$3.50, 1 lb 10 1/2 oz of the 3 ply noil at a cost of \$13.25 and 6 lb 11 oz of Buttermilk at a cost of \$50.22. Thus, the total cost of the 14 yard warp, 40 inches wide in the reed, was \$66.97.

In the weft we used 1 lb 1/2 oz of the angora combination at a cost of \$8.25, 1 lb 5 1/2 oz of 3 ply noil at a cost of \$10.75, and 9 lb 9 oz of Buttermilk at a cost of \$72.68. So the total cost of the weft, which completed 12 yards 30 ins of finished fabric, was \$91.68.

WARP COST PER YARD ..... \$4.78  
 WEFT COST PER YARD ..... \$7.05  
 FABRIC COST PER YARD ..... \$11.83

6			0		0	0	
5					0	0	0
4	0					0	
3		0					0
2	0		0	0	0		
1		0	0	0			0
	1	2	3	4	5	6	

ABOUT THE FABRIC

We started off with a threading draft from Harriet Tidball's monograph, "Double Weave" and developed many, many exciting designs from this one unusual draft, using different yarns and with different fabric uses in mind. We will feature more in future Drafts and Designs and I guarantee that all you will recognize will be the draft.

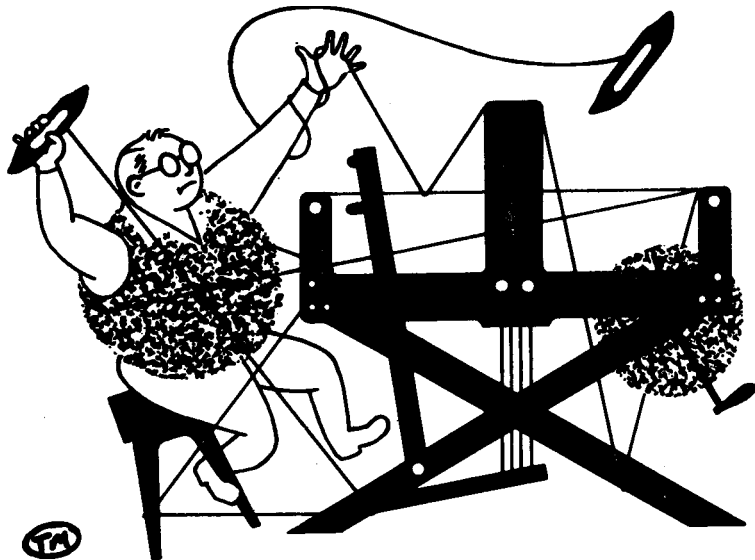
This fabric was no problem at all to weave. The Buttermilk fuzzed alot and bits of it fell off on to the floor around the loom and all over me, but this didn't cause any warp ends to stick and presented no problem at all in the weaving. The Buttermilk will shed some in the first washing, but after that will settle down and will not make a mess in use as drapes.

This is a relatively expensive fabric to make, at almost \$12 a yard in materials, but well worth it for the elegant end product, a heavy, rich drapery fabric. drapes, this fabric could be lined or unlined. It would also be suitable for various decorative fabrics for the dining or living room - a lampshade material, a waste paper basket or throw pillows.

This Buttermilk yarn is an interesting blend of tussah silk and rayon which we bought as a single ply yarn, and also sell as a single ply yarn, but we sent some of it out and had it plied. It works as a warp yarn this way and I like it better 2 ply as a weft yarn too. The silky white part of this yarn is the rayon and the dull tan part is the tussah silk. These two make a very pleasing combination.

A word about warping these yarns. If you use the sectional warping method, you won't run into any trouble, but I did notice that both the angora and the noil wind up on themselves and twist round each other and the tussah if they are not kept under tension. I fear that chain warpers may get entangled, but if you are aware of this problem you can take steps to avoid trouble.

Our warp was 14 yards long and 40 inches wide in the reed. From this we received 12 yards 30 inches of finished fabric, 35 1/2 inches wide. Note that it took in considerably across the width.



# drafts and designs

## *a guide for 5 to 12 harness weaves*

Volume 20, Number 6, February 1978.

### COOKIE CUTTER OVERLAY:

This fabric reminds us somewhat of the overlay pattern that is put onto some bakery products by the means of a cookie pattern maker. It is a 6 harness double weave, with 4 harnesses being used for the background, and 2 harnesses being used for the overlay pattern.

### WARP THREADS USED:

There are three different threads used in the warp, and I'll list them here as indicated in the threading draft.

- O--6 ply Angora & Trevira blend from England.
- X--12/2 worsted, TEMPTING TAN.
- A--natural, single ply, Donegal Tweed, doubled, 2 ends wound together as one.

### WEFT THREADS USED:

The same three threads that are used in the warp, are also used in the weft.

- O -- 6 ply White Angora & Trevira blend.
- X -- 12/2 worsted, color Tempting Tan
- A -- natural, single ply, Donegal Tweed, doubled, 2 ends wound together on one bobbin to act as one thread.

### THREADING DRAFT:

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



### TIE-UP DRAFT:

6			0	0	0
5				0	0
4	0			0	
3		0			0
2	0		0	0	0
1		0	0	0	0

1 2 3 4 5 6

### KEY TO THREADS IN THE THREADING DRAFT:

- O -- 6 ply white, Angora-Trevira blend.
- X -- 12/2 worsted, color Tempting Tan
- A -- natural, single ply donegal wool tweed, doubled as one thread.

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Volume 20, Number 6, February 1978

REED USED:

A 10 dent reed was used, with a special sleying of the reed. First note that each A in the threading draft represents two ends of natural donegal tweed threads which are wound together as one. Then, you have 3 ends of either 12/2 worsted or angora-trevira in one dent, then 2 ends of natural donegal tweed in the next dent. Thus, the reed is alternately threaded 3,2,3,2,3,2, and as each A in the drafts represents two threads wound together to represent one, it could actually be said that it is 3,1,3,1, in the sleying of the reed. With this unusual sleying of the reed, you actually have a total of 25 threads per inch.

PLEASE TAKE NOTE: While the natural donegal tweed was doubled in the dents of the reed, we actually put it single in the heddles, as it has a tendency to twist if you do not do it this way.

Two warp beams were used in the weaving of this with the natural donegal wool tweed on the 2nd warp beam. You can also do this on just one warp beam, if you pick up all of the natural donegal tweed yarns, and keep it under a separate tension with a lease stick and with weights on the end and middle of the lease stick, to keep the tension on this thread tight.

When we were through weaving this fabric from the 15 yard warp, the thrums, or waste warp thread was only 8 to 12 inches long. However, the natural donegal wool tweed was 52" long, as it does not weave in as often as do the other threads.

A temple was used in the weaving of this fabric, and is almost a must. Our finished fabric was 36½" wide off the loom, and not under tension, with the temple or stretcher being used. If it had not been used, I think the fabric would have come down to about 33 to 34" width at the most.

TREADLING SEQUENCE:

There are 22 shots in each complete pattern repeat, as listed below.

1. Treadle # 2 - Angora-Trevira, white
2. Treadle # 1 - Angora-Trevira, white
3. Treadle # 2 - Angora-Trevira, white
4. Treadle # 6 - 12/2 worsted, tempting tan
5. Treadle # 5 - 12/2 worsted, tempting tan
6. Treadle # 6 - 12/2 worsted, tempting tan
7. Treadle # 4 - natural tweed, doubled
8. Treadle # 5 --12/2 worsted, tempting tan
9. Treadle # 6 - 12/2 worsted, tempting tan
10. Treadle # 5 - 12/2 worsted, tempting tan
11. Treadle # 3 - natural tweed, doubled
12. Treadle # 6 - 12/2 worsted, tempting tan
13. Treadle # 5 - 12/2 worsted, tempting tan
14. Treadle # 6 - 12/2 worsted, tempting tan
15. Treadle # 4 - natural tweed, doubled
16. Treadle # 5 - 12/2 worsted, tempting tan
17. Treadle # 6 - 12/2 worsted, tempting tan
18. Treadle # 5 - 12/2 worsted, tempting tan
19. Treadle # 3 - natural tweed, doubled
20. Treadle # 6 - 12/2 worsted, tempting tan
21. Treadle # 5 - 12/2 worsted, tempting tan
22. Treadle # 6 - 12/2 worsted, tempting tan

End of one complete pattern repeat. Do repeat over and over as desired.

COST OF THE THREADS USED AND MORE ABOUT THEM.

The natural donegal tweed of 100% wool, has about 1500 to 1600 yards per pound, came to us on about 2 lb. cones, and it is \$4.80 per lb.

The 2/12's worsted, tempting tan, has 3300 yards per pound, and comes on about 1½ lb. cones, and it is \$9.60 per lb.

The 6 ply, white Angora-Trevira blend is \$6.80 per lb., and came on cones of about 1 lb. to 1 lb. 4 oz. in weight. Do not know the yardage on this one, but would estimate at about 2,000 yards per lb.

COST OF THE FABRIC:

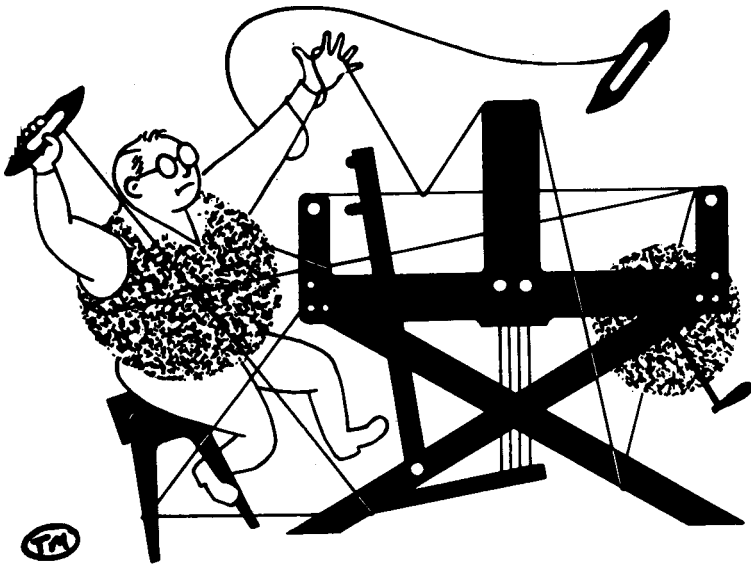
In the warp, we used 2 lbs. 3 oz. of 2/12's worsted at \$9.60 per lb. We used 13 oz. of the white Angora-Trevira at \$6.80 per lb., and we used 4 lbs. 5 oz. of the natural, single ply, donegal wool tweed yarn, at \$4.80 per lb. Thus, our total warp cost for 15 yards, 40" wide was \$47.23, or the warp cost per yard was \$3.15 per yard.

We had 12-¾ yards of finished fabric. It took 2½ lbs. of 12/2 tempting tan in the weft. We used 10 oz. of Angora-Trevira blend yarn, and 3 lbs. 8 oz. of the single ply, natural donegal tweed. Thus the total weft cost for 12-¾ yards of fabric was \$45.05, or the weft cost per yard was \$3.61 per yard.

WARP COST PER YARD, 40" wide	----	3.15
WEFT COST PER YARD,	-----	3.61

---

fabric cost per yard was --- \$ 6.66



# drafts and designs

## a guide for 5 to 12 harness weaves

VOLUME 20, Number 7. March 1978.

### ANTIQUE ROSE BEIGE

An ideal upholstery fabric for a Chippendale or other classic antique piece of furniture.

### WARP USED

The warp was made up of 20/2 Egyptian cotton in the color of Rose Beige.

### WEFT USED

Two threads were used in the weft. The tabby weft was a natural cotton thread with a gold twist. The pattern thread was a 2 ply tussah silk and viscose combination, and this was doubled on the bobbin.

### REED USED

A 15 dent reed was used and it was double sleyed, two ends per dent, making 30 ends per inch.



### PROFILE DRAFT

C			X		X	
B		X	X		X	X
A	X		X			

### THREADING DRAFT

8					X	X				X	X	
7		X		X			X	X	X		X	X
6			X	X		X	X		X	X		
5	X		X	X	X	X		X		X	X	X
4		X	X				X	X				
3	X	X				X	X	X				X
2		X	X	X	X	X	X	X	X	X	X	X
1		X		X	X	X		X		X		X

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VOLUME 20, Number 7. March 1978.

**TIE-UP DRAFT**

8	0	0	0	0	0			0	
7	0	0	0		0				0
6	0	0	0			0	0	0	
5	0		0			0	0		0
4	0			0	0	0	0	0	
3	0			0	0		0		0
2	0	0	0	0	0	0	0	0	
1		0		0		0			0
	x	1	2	3	4	5	6	a	b

**COST OF THE FABRIC**

Our warp was 15 yards long and 40½" wide in the reed. From this we received 13 yards 2 inches of finished fabric, 38½ inches wide.

The warp thread, the 20/2 Egyptian cotton, costs \$9.00 per pound, comes on 8 oz cones, and has 8,400 yards to the pound. We used 2 lb 2 oz of cotton in the warp, at a cost of \$19.12, which is \$1.37 per yard.

The cotton with gold twist has 6,400 yards per pound, comes on 1 pound spools, and costs \$8.00 per pound. We used 1 lb 1 oz of this yarn in the weft, costing \$8.50.

We bought the tussah silk and viscose as a 1 ply yarn and sent some of it out to get plied. This project used up all the 2 ply tussah we had, 6 lb 13 oz, so we finished the yardage with 1 lb 8 oz of 1 ply and wound 4 ends on the bobbin to make it the same weight as the 2 ply wound two ends on the bobbin. Both the 1 ply and 2 ply are \$6.00 per pound, and the total pattern weft used, 8 lb 5 oz, came to a cost of \$49.88. The 1 ply tussah silk/viscose has 1,700 yards to the pound.

So the total cost of the weft, for 13 yards of finished fabric, was \$58.38.

WARP COST PER YARD .....	\$1.37
WEFT COST PER YARD .....	\$4.49
FABRIC COST PER YARD .....	\$5.86

**TREADLING**

In this treadling sequence, the treadles 1 through 6 and the x treadle are for picks of pattern thread - 2 ply tussah silk and viscose, doubled on the bobbin. The treadles a and b are for picks of tabby thread - the natural cotton with the gold twist.

The sequence is in three blocks, A, B, and C, with the B block woven twice in each complete repeat of the pattern.

Each block consists of 16 picks, 8 of tabby and 8 of pattern thread, woven alternately.

Treadle as follows:

- A. a-tabby, x-pattern, b-tabby, x-pattern, a-tabby, 1-pattern, b-tabby, 1-pattern, a-tabby, 2-pattern, b-tabby, 2-pattern, a-tabby, 1-pattern, b-tabby, 1-pattern,
- B. a-tabby, x-pattern, b-tabby, x-pattern, a-tabby, 3-pattern, b-tabby, 3-pattern, a-tabby, 4-pattern, b-tabby, 4-pattern, a-tabby, 3-pattern, b-tabby, 3-pattern,
- C. a-tabby, x-pattern, b-tabby, x-pattern, a-tabby, 5-pattern, b-tabby, 5-pattern, a-tabby, 6-pattern, b-tabby, 6-pattern, a-tabby, 5-pattern, b-tabby, 5-pattern,
- B. a-tabby, x-pattern, b-tabby, x-pattern, a-tabby, 3-pattern, b-tabby, 3-pattern, a-tabby, 4-pattern, b-tabby, 4-pattern, a-tabby, 3-pattern, b-tabby, 3-pattern.

This is one complete repeat of the pattern. There are a total of 64 picks in one repeat. Repeat over and over as desired.

**ABOUT THE FABRIC**

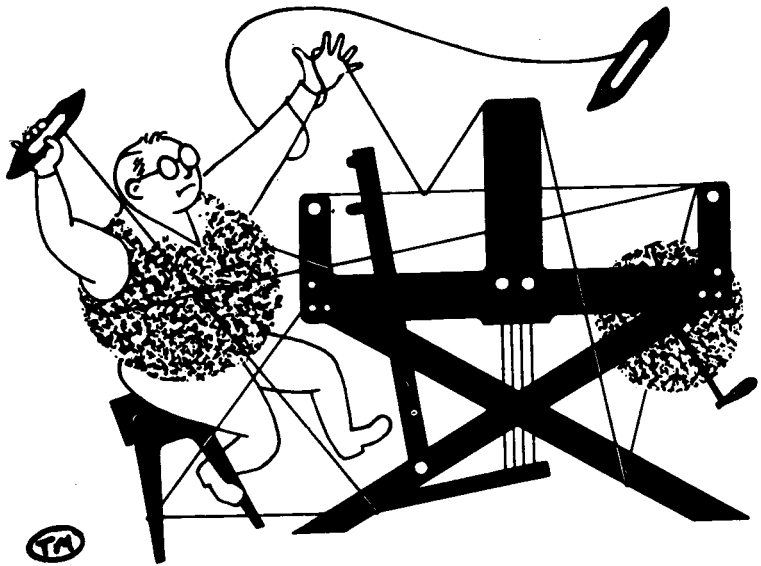
There were no problems in the weaving of this fabric.

This is another design using the weave Harriet Tidball calls the Tag System, featured in Drafts and Designs of November 1977. The tie-up, treadling, threading profile and threads used have all been changed.

If you have a loom with a raising shed, you may want to weave this fabric upside-down as there are so many harnesses to raise. Just tie up the loom the opposite to that given here, lifting only harness 1 on treadle x instead of the seven others.

As mentioned, we ran out of 2 ply tussah silk/viscose after about 10 or 11 yards and finished the fabric with four ends of 1 ply. So there will be a few samples using the four ends of 1 ply as pattern weft.

This elegant upholstery fabric would also look very striking as pillows. The reverse side is also attractive and could be worked into a design as an interesting contrast to the right side.



# drafts and designs

*a guide for 5 to 12 harness weaves*

VOLUME 20. Number 8. April. 1978.

A COPY OF A WELSH BLANKET PATTERN:

The colors and pattern in this sample are so reminiscent of the Welsh Blankets that are so famous. However, most of the Welsh Blankets are a 16 harness double weave, while our sample this month is a 8 harness weave.



KEY TO COLORS IN THE THREADING DRAFT:

- D--Dark Grouse Brown Mohair-Wool
- A--Very Light Beige Mohair-Wool
- X--Saffron Gold Worsted, Color # 14.
- C--Cinnamon Beige Mohair-Wool
- O--Just Medium Brown Mohair-Wool

WARP: There are two kinds of thread used in the warp. One is the color # 14, 2/18's worsted in Saffron Gold. And, the other 4 colors are all a yarn which is a combination of 60% mohair, 35% wool, 5% nylon. The colors used in the warp were:

- A--Very Light Beige
- D--Dark Grouse Brown
- C--Cinnamon Beige
- O--Just Medium Brown

WEFT: The same 4 colors of the 60% mohair-wool combination as in the warp are also used in the weft.

And, we used a fine 2/36's worsted in an Light Avocado in the weft also.

THREADING DRAFT:

8	A	A	A			O	O
7	A		A			O	O
6	A		A			O	O
5		A	A			O	O
4		A	A			O	O
3		A	A			O	O
2	D			D	X	X	X
1	D			D	X	X	X

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September, back issues from then on will be  
mailed to you, unless you specify that you  
want your subscription to start with the  
next September issue.

VOLUME 20, Number 8, April, 1978.

REED USED:

A 12 dent reed was used, and we used a  
special slewing of the reed. The 4 colors  
of the 60% mohair, 35% wool, 5% nylon  
blend yarn are all sleyed one end per dent.

The 2/36's worsted in the Light Avocado  
are threaded 2 per dent in the 12 dent reed.

TREADLING SEQUENCE: is a fairly long and  
involved one, but here goes the repeat as  
we used it.

1. Treadle 1,2,3,4,5,6,1,6,5,4,3,2,1 in  
Very Light Beige, Mohair-Wool yarn.
2. Treadle 8,7 in the Dark Grouse Brown  
Mohair-Wool Yarn.
3. Treadle 8,7,8,7,8,7,8,7,8,7 in the  
2/36's Light Avocado worsted.
4. Treadle 8,7, in Very Light Beige.
5. Treadle 1,2,3,4,5,6,1,6,5,4,3,2,1 in  
Dark Grouse Brown wool-mohair combo.
6. Treadle 8,7, in Very Light Beige
7. Treadle 8,7,8,7,8,7,8,7,8,7, in the  
2/36's Light Avocado Worsted.
8. Treadle 8,7, in Dark Grouse Brown,  
60% Mohair, 35% Wool, 5% Nylon

END OF ONE COMPLETE PATTERN REPEAT. Do  
repeat over and over as desired. Please  
note that there are 54 shots in one com-  
plete pattern repeat.

MORE ABOUT THE THREADS USED:

Our 2/18's worsteds, most of you know,  
come in 39 colors, have approximately  
5,000 yards per pound, and is \$9.60 per  
lb.

The yarn which is 60% mohair, 35% wool,  
5% Nylon has about 600 to 640 yards per  
pound, came to us on about 1 lb. cones,  
and is \$6.00 per lb. This is a limited  
lot thread, and when it is sold out, we  
will not be able to repeat it.

ABOUT THE WEAVING:

We used a firm, even, double beat, always  
beating with the shed open.

And, the contrast in size in the threads  
used is quite great, so when finished, I  
felt the fabric should be washed and then  
pressed to see if it would lie flat, and  
was a fairly good combination. This sample  
is washed and pressed, and seems to be very  
satisfactory. We washed in the extractor  
part of the washing machine, extracted as  
much water as possible, and then steam-  
pressed the fabric.

TIE-UP DRAFT:

8	0	0	0				0
7		0	0	0			0
6			0	0	0		0
5				0	0	0	0
4	0				0	0	0
3	0	0				0	0
2	0		0		0		0
1		0		0		0	0

1 2 3 4 5 6 7 8

NOTE ABOUT 20 years of DRAFTS AND DESIGNS:

After we get out to you the next two  
issues of Drafts and Designs, we will have  
published it for 20 years. With 10 samples  
a year, this is 200 samples or projects.

We have been working on this, and putting  
each of these projects condensed into a  
single page, and then we hope to publish  
these 200 projects, as a project book,  
with all 200 patterns in one book.

COST OF THIS FABRIC:

We did a 15 yard warp, 40" wide on the  
loom, and from this, we received 13 yards  
and 2 inches of finished fabric. So, you  
see, there is a little more take-up in  
such a combination than in a finer thread  
warp.

Each complete repeat of the pattern is  
44 dents wide, or slightly less than 4",  
or actually 3 and 2/3" wide.

We used approximately 3200 yards of the  
2/18's worsted in the warp. This is approx-  
imately 2/3's of a pound, at \$9.60 per lb.  
so the 2/18's cost \$6.40. In the warp, we  
used 9 1/2 lbs. of the 60% mohair, 35% wool,  
5% nylon yarn at \$6.00 per lb., or the cost  
of this at \$6.00 per lb. was \$56.00. So,  
our total warp cost was \$62.40 for 15  
yards, or the cost per yard comes to \$4.16  
per yard.

We can plan on this fabric on the weft  
being slightly less, about \$4.00 per yard,  
so the average cost per yard was about  
\$8.16 per yard.





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VOLUME 20, Number 9. May, 1978.

### TREADLING SEQUENCE:

There are 13 shots of thread in each pattern repeat. Here is the color and the treadle sequence.

1. Treadle # 1 -- Just Medium Brown
  2. Treadle # 2 -- Cinnamon Beige
  3. Treadle # 3 -- Just Medium Brown
  4. Treadle # 4 -- Cinnamon Beige
  5. Treadle # 5 -- Just Medium Brown
  6. Treadle # 6 -- Cinnamon Beige
  7. Treadle # 7 -- Just Medium Brown
  8. Treadle # 8 -- Cinnamon Beige
  9. Treadle # 9 -- Just Medium Brown
  - 10.. Treadle # 10 - Cinnamon Beige
  - 11.. Treadle # 11 - Just Medium Brown
  - 12.. Treadle # 12 - Dark Grouse Brown
  - 13.. Treadle # 13 - Dark Grouse Brown
- END OF ONE COMPLETE PATTERN REPEAT.  
Repeat over and over as desired.

### MORE ABOUT THE THREADS USED:

Our 2/12's worsted is the high quality yarn which we import from England. It has 3360 yards per pound, is \$9.60 per pound, and comes on about 1 lb. cones and sometimes 1/2 lb. cones.

The three threads used in the weft are the blend of 60% mohair, 35% wool, and 5% nylon. It is a 2 ply yarn, has about 600 to 640 yards per lb., and the price is \$6.00 per lb. There are limited amounts of 4 different colors available. The 4th color not mentioned beforehand is a Very Light Beige color. This came to us on about 1 lb. cones.

### MORE ABOUT THE FABRIC:

We had a 13 yard warp, 40" wide on the loom, and from this, we received 10-1/2 yards of finished fabric. This was quite a bit of take-up in the weft and in the warp. It is because the weft threads are quite a bit heavier than the warp.

We used a 6 thread selvage of a smooth nylon, and threaded these 6 threads on # 9 and # 10 harnesses alternately. We feel that it made it much easier to weave this fabric. A temple was used on this fabric, but it did not draw in very much.

And in the full 10-1/2 yards of finished fabric, there was not one broken warp thread.

### COST OF THE FABRIC:

In the warp, it took 3 lbs. 6 oz. of the 2/12's worsted, black, so the total warp cost for 13 yards of 40" wide, was \$32.40, so the warp cost per yard was \$2.50 per yard.

In the weft, we used 3 lbs. 1 oz. of the Cinnamon Beige, 3 lbs. 2 oz. of the Just Medium Brown, and 1 lb. 4 oz. of the Dark Grouse Brown. This is 7 lbs. 7 oz. of the weft used, or the total weft cost was \$44.63. The cost per yard for the weft is \$4.25.

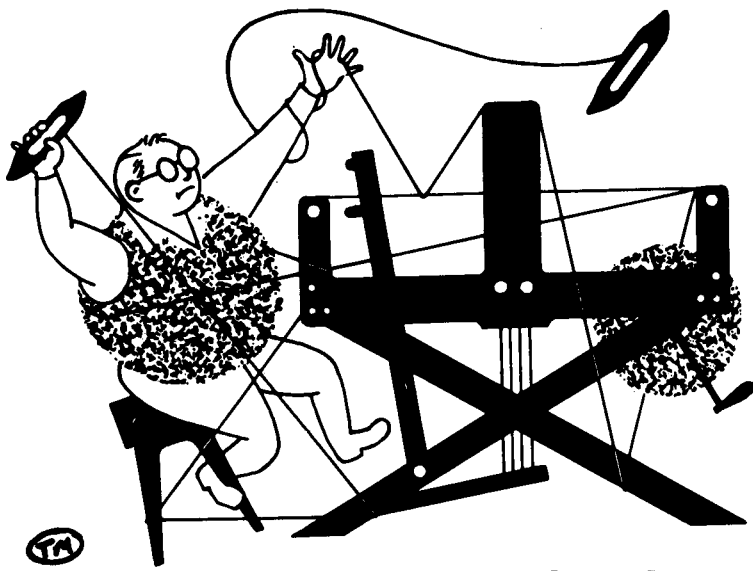
WARP COST PER YARD. ----- \$ 2.50 yd.  
WEFT COST PER YARD. ----- 4.25 yd.

FABRIC COST PER YARD----- \$ 6.75 yd.

### STOCK YARN ITEMS AT ROBIN & RUSS STUDIO.

1. 20/2 S.S. cottons in about 90 colors.
2. 10/2 C.P. cottons, in about 45 colors.
3. 16/2 Ramie, on 600 yard tubes of 4 oz. each.
4. 2/18's worsted, Botany quality, in 39 colors.
5. 2/12's worsted, Botany quality, in 22 colors.
6. Lopi, heavy, single ply, soft twist wool yarns in 20 plus colors.
7. Brushed wool, approx. 950 yards per lb., in 12 colors of variegated yarn.
8. Carpet warp, size 8/4 in about 20 colors.

These, and many, many other novelties of all kinds of fibers are some of the many yarns that we have in stock.



# drafts and designs

*a guide for 5 to 12 harness weaves*

VOLUME 20, Number 10, June, 1978

**INDIAN VILLAGE:**

This is a most refreshing and fascinating 8 harness weave, so I wanted to show it to you even though I feel it is a somewhat impractical fabric. Very striking is my reaction.

**THREADING DRAFT:**

8					X				
7				X		X			
6			X				X		
5			X					X	
4		X							X
3	X								X
2	X								X
1									X

**TIE-UP DRAFT:**

8			0			0				
7	0	0			0			0		
6			0	0			0			
5		0			0	0			0	
4				0			0	0		
3		0			0				0	0
2	0			0				0		
1						0				0
	1	2	3	4	5	6	7	8	9	10

**WARP:**

Our warp for this sample was 12/2 worsted in black.

**WEFT:**

Two threads were used in the weft. The heavier thread is a 2 ply berber wool, called Fawn Grey. It is imported from England.

The second thread in the weft is a 12/2 worsted, and the color is Lacquer Red.

**REED USED:**

A 10 dent reed was used, and it was double sleyed, 2 ends per dent, or 20 threads per inch.



DRAFTS AND DESIGNS:

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TREADLING SEQUENCE:

There are 22 shots in each pattern repeat, and here is the sequence that we used.

1. Treadle # 1, 12/2 lacquer red
2. Treadle # 2, fawn grey berber wool
3. Treadle # 3, 12/2 lacquer red
4. Treadle # 4, fawn grey berber wool
5. Treadle # 5, 12/2 lacquer red
6. Treadle # 6, fawn grey berber wool
7. Treadle # 7, 12/2 lacquer red
8. Treadle # 8, fawn grey berber wool
9. Treadle # 9, 12/2 lacquer red
10. Treadle # 10, fawn grey berber wool
11. Treadle # 10, 12/2 lacquer red
12. Treadle # 1, fawn grey berber wool
13. Treadle # 2, 12/2 lacquer red
14. Treadle # 3, fawn grey berber wool
15. Treadle # 4, 12/2 lacquer red
16. Treadle # 5, fawn grey berber wool
17. Treadle # 6, 12/2 lacquer red
18. Treadle # 7, fawn grey berber wool
19. Treadle # 8, 12/2 lacquer red
20. Treadle # 9, fawn grey berber wool
21. Treadle # 10, 12/2 lacquer red
22. Treadle # 10, fawn grey berber wool

End of one complete pattern repeat. Do repeat over and over as desired.

SOURCE OF IDEA FOR THIS SAMPLE.

A group of weavers have a cross country weaver's study group, and they send an exhibit from one member to the other. I was fortunate in seeing something in it that inspired us to experiment, and this is the result of our experimenting.

MORE ABOUT THE THREADS USED, AND COST OF THE THREADS USED.

Most of you are familiar with our 12/2 worsteds spun for us and dyed for us in England. We have 22 colors in this size, and have some more right now, stuck in customs, waiting for papers from England. It has been there for 2 months, because the papers the company sent, were lost

in the mail. It is \$9.60 per lb.

The 2 ply berber wool is also an import from England. It has about 400 to 450 yards per lb., comes on about 1 lb. cone and is \$5.60 per lb. Write for samples if you are interested in the other colors.

USES FOR THIS FABRIC:

This is a problem. And this is why I said the fabric was a little impractical. And yet, it is so unusual a pattern and has a depth or dimension, that we went ahead and did it. The main use, would be for a decorative fabric, such as trim on valences or drapes, or for pattern purposes. It could be used on lampshades, to cover baskets, used in pillows, and other related uses. Perhaps you can make a suggestion to us for other uses for this beautiful pattern. It could be done in a multitude of colors.

It is impossible to tie-down the red worsted float threads, and this is why I feel it is sort of impractical.

COST OF THE FABRIC:

We had a 13 yard warp, 40" wide on the loom. It took 3 lbs. 7 oz. of 2/12's at \$9.60 per lb. for the warp. Thus, our total warp cost was \$33.00, or the cost per yard was \$2.54 per yard.

In the weft, we used 1 lb. and 7 oz. of 2/12's worsted, Lacquer Red. This cost comes to \$13.80. And in 10 yards and 21" of finished fabric, we used 8 lbs. and 11 oz. of the berber wool. This costs \$48.65. So, the total weft cost for 10 yards and 21" of finished fabric comes to \$62.45, or the cost per yard for weft is \$5.90 per yard.

WARP COST PER YARD-----	\$ 2.54
<u>WEFT COST PER YARD-----</u>	<u>5.90</u>
fabric cost per yard-----	\$ 8.44

MORE ABOUT THIS FABRIC:

Surprise, surprise, but this was a very easy fabric to weave. We used a light, even, double beat. We had almost no problems with broken threads, having only one broken thread in the 10 plus yards of fabric.

We did use a temple on this all wool fabric, and put on a 6 thread selvage of 5/2 cotton on harnesses 9 and 10, and used this to fasten the stretcher in and to keep it out to full width. It did not come in hardly at all, and perhaps we could have gotten along without it, but we did use it for the whole piece.