

3

2

drafts and designs

Note that in the draft there are 28

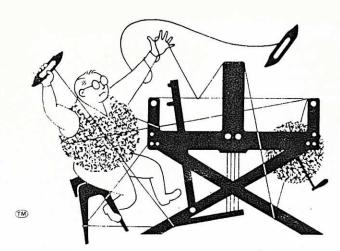
each pattern repeat.

X's. Each X represents 6 threads, so you have 28 x 6 or 168 threads in

a guide for 5 to 12 harness weaves

VOLUME 37, Number 1, September, 1994:

SINGLE THREAD BLOCKS, and THREAD BLOCKS OF SWEDISH LAND One of my favorite land Swedish Lace can be working number of harnesses, and fun to experiment with the the contract of the Our warp was the mercerized Pima Cotton. and it has the same yard as does the 12/2, or 5 lb. WEFT: Our warp is mercerized sak (egy which has just been d our suppllier, after for approximately 40 y on 7,000 yard cones of and we do have some; will be able to obtain as far as we can find 30 colors have been de are sold out. Our color REED USED:
We used a 16 dent sleyed it, 2 ends per dent, or Each Xends per inch. threads as follows: On # 2, 2,3,2,3,2,1; PROFILE THREADING DRAFT: 2,4,2,4,2,1, 2,5,2,5,2,1, 5, 2,6,2,6,2,1, 6, On # 2,7,2,7,2,1, 2,8,2,8,2,1, 4



a guide for 5 to 12 harness weaves

VOLUME 37, Number 1, September, 1994:

SINGLE THREAD BLOCKS, and DOUBLE THREAD BLOCKS OF SWEDISH LACE:

One of my favorite lace weaves, Swedish Lace can be woven with any number of harnesses, and I found it fun to experiment with this weave.

WARP:

Our warp was the 36/6 natural, mercerized Pima Cotton. It is the equivelant in size of a 12/2 cotton, and it has the same yardage per lb., as does the 12/2, or 5040 yards per lb.

WEFT:

Our warp is the size 50/3 mercerized sak (egyptian cotton) which has just been discontinued by our suppllier, after we had used it for approximately 40 years. It came on 7,000 yard cones of 1/2 lb. each, and we do have some, and probably will be able to obtain natural, but as far as we can find out all of the 30 colors have been discontinued, and are sold out. Our color was PANSY.

REED USED:

We used a 16 dent reed, and double sleyed it, 2 ends per dent, or 32 ends per inch.

PROFILE THREADING DRAFT:

	C		B	_
7T	TX	X		- <u>X</u>
6	X	X		X X
5	X	X	X	X
4	TX	<u>X</u>	X	 X
3	X	X	x	X
2	7	ζ	X	X
1			XXX	 -\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

SAMPLE:

NOTE:

Each X on the profile draft represents 6 threads. The X's on # 1, each represent 6 threads, 2,1,2,1,2,1.

Each X on each # represents 6 threads as follows:

On # 2, 2,3,2,3,2,1; On # 3, 2,4,2,4,2,1,

On # 4, 2,5,2,5,2,1,

On # 5, 2,6,2,6,2,1, On # 6, 2,7,2,7,2,1,

On # 7, 2,8,2,8,2,1,

Note that in the draft there are 28 X's. Each X represents 6 threads, so you have 28 x 6 or 168 threads in each pattern repeat.

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VOLUME 37, Number 1, September, 1994

NOTE about threading draft:

Even though the threading draft

shows 7 rows, it is an 8 harness
weave, as each X in the draft represents 6 threads, as shown before.

TREADLING SEQUENCE: For the single block: Treadle as follows:

1. Treadle 2,3,2,1, 2. Treadle 2,4,2,1, 3. Treadle 2,5,2,1, 4. Treadle 2,6,2,1,

5. Treadle 2,7,2,1,

6. Treadle 2,8,2,1,

7. Treadle 2,7,2,1, 8. Treadle 2,6,2,1,

9. Treadle 2,5,2,1,

10. Treadle 2,4,2,1, 11. Treadle 2,3,2,1,

End of single thread blocks.

Then treadle as follows:

1. 2,8,2,8,2,1, 2. 2,7,2,7,2,1, 3. 2,6,2,6,2,1,

4. 2,5,2,5,2,1,

5. 2,4,2,4,2,1,

6. 2,3,2,3,2,1, 7. 2,4,2,4,2,1, 8. 2,5,2,5,2,1,

9. 2,6,2,6,2,1,

10. 2,7,2,7,2,1, 11. 2,8,2,8,2,1.

End of double thread blocks.

Note that you could separate the single thread block and the double by treadling block 2,1,2,1,2,1, in plain weave between each block. We should have done this on the sample, but I'm sorry to say that we did not.

A PLAN FOR A TABLE-CLOTH: 1. Thread A to C, 7 times -- 1176 thds. 2. Thread A to B, I time 108 thds. 3. 2 extra threads, do 2,1, 2 thds.

Total Number of Warp Ends --- 1280 thds,

TIE-UP DRAFT:

|--|

MORE ABOUT THE THREADS USED:
The 36/6 natural, mercerized, Pima cotton has 5040 yards per lb. It comes on about a 2 lb. 2 oz. tube ready for dyeing. We can wind off 1/2 lb. or l lb. spools for you. It gives a slightly different effect when woven, because it is a 6 ply. A 2 ply lies flat, but a 6 ply is a rounder thread. It does not lie flat. Anything more than 2 ply, seems to do this. It is exactly the same size as a 12/2 cotton. The 50/3 mercerized sak thread (egyptian cotton) came to us on 1/2 lb. spools of 7,000 yards each. We have just learned that the manufacturer is discontinuing this line altogether, and it is a shock, as we have been selling this thread for 40 years. It has 14,000 yards per lb., is called a size 50/3. This is a high quality thread, but many sewing manufacturers seem to make their sewing threads of a size 50/3.

COST OF THE FABRIC:

We had a 15 yard warp, 40" wide, at 32 ends per inch. It costs \$9.60 per lb., so we used in our warp, 3 lbs. 13 oz., and the total warp cost was \$36.60. This makes the warp cost per yard come to \$2.44 per yard.

We wove 6 yards of this fabric, and it took just 6 oz.. This sells for \$24.00 per lb., so 6 oz. cost \$9.00, and the weft cost per yard then comes to \$1.50.

Warp cost per yard, 40" wide \$2.44 Weft cost per yard, 39" wide \$1.50 fabric cost per yard-----\$3.94.



a guide for 5 to 12 harness weaves

VOLUME 37, Number 2, October, 1994:

FASHIONABLE WOMAN'S COAT MATERIAL:

This 8 harness fabric was designed as a woman's coat material. It is an interesting fabric, and the weft thread with the smooth warp makes a very striking fabric.

WARP:

Our two warp threads are a 3 ply wool yarn, called Bristol Wool, and it is an English Wool that a knitting firm had been unable to sell, so we purchased the entire line of it. The English Company had this yarn spun for them in Peru. We still have about 30 colors left on hand. One of these in the warp was LIGHT LAVENDER and the other color was the DARK PURPLE.

WEFT:

Our weft yarns were 3 different yarns. Two of them, the loop wool with metallic twist, and the natural mohair-alpaca blend were both wound together to act as one thread.

The 3rd weft thread was a 2/2/30 SPUN SILK IN A BLUE LAVENDER color and it was also doubled on the bobbin, to act as one thread.

REED USED:

An 8 dent reed was used, and it was double-sleyed, 2 ends per dent, or 16 ends per inch.

TREADLING SEQUENCE:

There are just 8 shots in each pattern repeat, and this is is as follows:



- Treadle # 1 natural loop wool with a gold twist, and alpaca & mohair, l end of each on bobbin.
- 2. Treadle # 2 Spun silk size 2/2/30, doubled on the bobbin.
- 3. Treadle # 3 Spun silk size 2/2/30, doubled on the bobbin.
- 4. Treadle # 4 natural loop wool with a gold twist, and alpaca & mohair, l end of each on bobbin.
- 5. Treadle # 5 natural loop wool with a gold twist, and alpaca & mohair, doubled, lend of each on the bobbin.
- 6. Treadle # 6 Spun silk size 2/2/30, doubled on one bobbin.

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VOLUME 37, Number 2, October 1994:

- Treadle # 7 Spun silk size 7. 2/2/30, doubled on one bobbin.
- 8. Treadle # 8 - natural loop wool with a gold twist, and alpaca &

END OF ONE COMPLETE PATTERN REPEAT. Do repeat over and over as desired.

THREADING DRAFT:

T8T	0 1
7	X
6	X
5	0
4	0
3	X
2 X	
1 0	

TIE-UP DRAFT:

$\frac{7}{6}$	-+	0		ļ	0	0	<u></u>	0
5	-+	-	<u>-</u>	ō		ō	ō	ō
4	Ō	ō	Ō		O			
3	Ō	Ō		Ō				
2	O		Ō	ō		ō	Ō	
1		Ō	Ō	0				Ō

KEY COLORS IN THREADING DRAFT:

X - 3/14's Lt. Lavender Wool O - 3/14's Dark Purple

MORE ABOUT THE THREADS USED:

The loop wool with gold metallic twist is one thread that we had made to order for us. It has about 1400 yards per 1b., and comes on about 1 lb. cones. It is \$16.00 per 1b.

The 2 ply natural Alpaca and Mohair blend yarn is one we have a limited stock of. It is \$16.00 per lb., while it lasts, and only 2 to 3 lbs. left. We have other substitutes, but used this mohair and alpaca blend as we wanted to make a rich fabric for this coat.

The 3/14's woolen spun yarn has 1400 yards per lb. It comes on about 15 oz. cones, and we have a special price of \$12.00 per lb. on all of the colors of Bristol Wool. I believe wool, one end of each on I bobbin that when the knitting firm had it, it sold for \$48.00 per lb.

This yarn is a very nice, soft yarn, as it is a woolen spun yarn, and not a worsted spun yarn.

COST OF THE FABRIC:

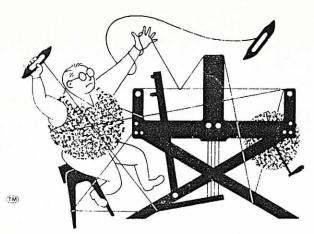
This Bristol wool has a great deal of elasticity. We wove 7-1/3 yards for our sample, measured on the loom. When we tool it off the loom, it measured 6 yards and 24".

It took 3 lbs. 8 oz. of each of the two colors of this wool for our 15 yard warp. At a cost of \$12.00 per 1b., it comes to \$84.00, or the cost per yard of warp comes to \$5.60 per

In our 7-1/3 yards of woven fabric on the loom, it took 2 lbs. of the loop wool with gold. It took 1 lb. 3 oz. of the natural mohair & alpaca blend. These two at \$16.00 per lb. came to \$51.00. And the 2/2/30 spun silk in lavender blue, it took l lb. 5-1/2 oz. at \$48.00 per lb. or the silk cost of weft was \$64.50. Our total weft cost was \$115.50, so the cost per yard, of fabric while on the loom, came to \$15.50 per yard.

WARP COST PER YARD, 40" wide \$ 5.60 WEFT COST PER YARD, 38" wide 15.50

FABRIC COST PER YARD-----\$21.10



a guide for 5 to 12 harness weaves

VOLUME 37, Number 3, November, 1994:

BLANKET BOUND:

We thought this 8 harness weave would be nice in a light weight blanket or throw. It is almost a type of cellular weave, so should act as a good blanket or throw, and keep you warm, and yet be light-weight. It is a variation of an extended point twill.

WARP:

Our warp is the 2/16's worsteds, which we have on a special sale at \$8.00 per lb. We had about 40 to 50 colors in this, but it is now down to about 20 colors. We repeated the threading draft 3 times, and each repeat of pattern was threaded with each of the 3 colors. The 3 colors we used are Cranberry Wine, Crocus Lavender, and Rosewood Remember, 53 threads of each of these 3 colors in the warp, one after the other.

WEFT:

Our weft was the same three colors as were used in the warp, Cranberry Wine; Crocus Lavender; and Rosewood Pink. All in 2/16's worsted.

REED USED:

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

TREADLING SEQUENCE:

Our treadling sequence was exactly the same as the threading sequence,





but I will also give it to you here in a treadle by treadle sequence: TREADLE AS FOLLOWS:

8,7,6,5,4,3,2,1,2,3,4,5,4,3,2,1,2,3,4 5,6,7,8,7,6,5,4,5,6,7,8,7,6,5,4,3,2,1, 2,3,4,5,4,3,2,1,2,3,4,5,6,7,8. of one complete pattern repeat. Repeat over and over with each of the three colors. Or, if you desire, you can use just one color, or even try 2 or 3 heavier wool threads in the This is open to many possibilities.

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VOLUME 37, Number 3, November, 1994:

This yarn has 4,880 yards per lb., and we have about 20 colors in stock. A tremendous buy, this yarn was used for both warp and weft.

the same mill, Also, from purchased some 2/34's worsted, and we have 6 colors in stock of this. I suggest 30 or 32 epi as a wonderful sett for it, and of course it can be set at 24 as we did, for a more open woven fabric.

COST OF THE FABRIC: For this fabric, we did a 15 yard warp, 40" wide on the loom. We used 13 oz. each of the three different colors for our 15 yard warp, so the

THREADING DRAFT:

8	X			Κ ,	X		X -	Τ
7	X		X	XX	X		X	1
6	X		X	XX	X		X	
5	X	X	X	X	X	X	X	†
4	X	X <	_X		X	XX	X	T
3	X	X X	X		X	XX	X	
2	X	XX	- <u>x</u>		X	-XX	-X	T
1	,	(<u>-</u>	X			X	X	T

This type of threading draft is sometimes called an extended point twill.

TIE-UP DRAFT:

8	X			X		Γ-	X	X
7			X			X	X	X
6		X	-		X	X	X	
5	X	Γ		X	X	X		T-
4			X	X	X			X
3	T	X	X	X	Γ		X	
2	X	X	X			X		
1	X	X			X		-	X
	- ī	2	3	4	5	6	7	8

MORE ABOUT THE THREADS USED:

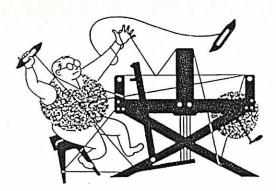
A mill in Philadelphia went out of business, and one of our suppliers purchased their whole inventory, and offered it to us at a good price, so we purchased all of it, some 2,000 This is an excellent buy, as the manufacturer of this yarn told me that it cost more than \$8.00 per lb. to manufacture and dye this thread.

total warp cost came to \$19.50, and that means the cost per yard, 40" wide, was \$1.30 per yard. weft, we used approximately 1 lb. each of the three colors as weft in our 14 and 1/3 yards of fabric. This the weft cost per yard came to \$1.60. WARP COST PER YARD, 40" wide \$1.30 WEFT COST PER YARD, 38" wide \$1.60

fabric cost per yard, ---- \$2.90.

A NOTE FROM THE EDITOR:

As we are losing about \$6,000.00 per year on our two publications, we will try mailing out 3 issues at a time, twice, and two issues a time, twice each year. We are trying it now to see how much we can save by doing this.



a guide for 5 to 12 harness weaves

VOLUME 37, Number 4, December, 1994:

ROSEGARDEN IN WINTER:

Another 8 harness Twill threading, and we have woven an elaborate herringbone pattern. It is a busy, dark fabric, and yet the pattern is an intriguing one.

WARP:

We have used two colors of 3/14's worsted, in Bristol Wool for the warp. Our two colors used were:

O - #13, Dark Purple

X - # 29, Light Lavender

WEFT:

We used a 3rd color in the weft of the 3/14's Bristol Wool worsted yarn. It is color # 19, Antique Rose

REED USED:

We used an 8 dent reed, and double sleyed it, 2 ends per dent, or 16 epi.

TREADLING SEQUENCE:

We had a special tie-up for this pattern, taking 12 treadles, and here is the sequence of treadling.

Treadle 1,2,3,4,5,6,7,8,9,10,11,12, 11,10,9,8,7,6,5,4,3,2,

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

Also, you could weave a straight diagonal, by treadling 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and repeating this over and over.

There are many other treadlings that can be done with this tie-up.



NOTE: I have been corrected. I always thought the Bristol Wool was a woolen spun yarn, but I am incorrect, and it is a worsted spun yarn with some 2600 yards per lb., instead of the 1400 a woolen spun yarn would have. It has such a soft hand I did not think it was worsted. It is so soft, I thought it was woolen spun.

MORE ABOUT THE FABRIC:

I am going to be sorry to see this sold out. It is such a nice, soft yarn. We still have about 25 of the original 30 colors we started out with. It comes on about 14 oz. cones.

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VOLUME 37, Number 4, DECEMBER, 1994:

THREADING DRAFT:

8		<u></u>
7		X
6		X
5		Ö
4	<u></u>	
3	X	
2	X	
1	ō	

KEY TO COLORS IN THREADING DRAFT:

O - Dark Purple, # 13 Bristol wool X - Lt. Lavender # 29 Bristol wool

TIE-UP DRAFT:

	1	2	3	4	5	6	7	8	9	1	0	12
1	1		Ō		Ō	Ō					O	Ō
2	O			0	O					O	O	
3		Ō	0					0	0			Ō
4	Ō	0					Ō	Ö		0		
5					0	O			Ó		0	0
6	T-			0	0		O			0	O	
7		O	Ō			O		0	O			
8	0	0		O			0	0				

MORE ABOUT THE THREADS USED:

Our 3/14's worsted spun Bristol Wool, was originally designed and used as a knitting wool. The company it was made for had a hard time selling it, so we purchased the entire lot of 2,000 lbs., and we reduced the price from \$48.00 per lb. to \$12.00 per lb. It came on about 14 oz. cones, and there were 30 colors. One of our best buys ever in a soft, high quality wool yarn. There are now about 24 colors still

available out of the 30. It is a nice soft yarn, almost like a fingering yarn. And because the price is so reasonable, we like to use it in projects for Warp and Weft and for Drafts and Designs.

COST OF THE FABRIC:

In our warp, we used 2 lbs. 12 oz. of Dark Purple, and 2 lbs. 10 oz. of Light Lavender wool. 5 lbs. 6 oz. of yarn for a 15 yard warp, 40" wide, comes to \$64.50 as the total warp cost, or \$4.30 per yard,

In the weft we wove 6-1/2 yards, and we used 2 lbs. 13 oz. of Bristol Wool, Antique Rose. Our total weft cost is \$33.75, or the cost per yard comes to \$5.20 per yard.

WARP COST PER YARD, 40" WIDE \$ 4.30
WEFT COST PER YARD-38" wide \$ 5.20

fabric cost per yard-----\$ 9.50

A NOTE FROM THE EDITOR ABOUT DRAFTS & DESIGNS and WARP AND WEFT:

As we told you before, both our bulletins are losing money each year. Our subscription list for Drafts and Designs now down is to subscriptions. In order to mail these in bulk mail, we have to wait and hold and send out with Warp and Weft to get the lowest possible mailing cost. Several subscribers have suggested that we mail just 3 or 4 times a year, and we are trying it the October, November, and o f December issues Drafts Designs. We are mailing 3 together. We will probably mail out all 10 issues in 3 mailings, one in March, one in December, and one in June. This should save us \$1,000.00 a year. On the 2 magazines, we are losing some \$6,000.00 per year. If Drafts and Designs get down to 100 next year, we will seriously consider discontinuing it. I hate to do this, as I like to have projects going all the time in the shop. I hate to do this, but it would save us a tremendous amount if we would discontinue it, and we could even eliminate one employee. As it is, I think that we will have to raise it to \$12.00 per year in June, as next month we have a new Postage increase.

If you have any comments or ideas, please do let me (the editor) hear from you.



a guide for 5 to 12 harness weaves

VOLUME 37, Number 8, April, 1995:

50th ANNIVERSARY SPECIAL:

I think this fabric, in the form of a table-cloth, would make a wonderful piece for a 50th anniversary, or any anniversary for that matter. You could make place-mats to go with this, but I would recommend a smooth yellow thread for the weft in the napkins. This is actually an imitation DAMASK WEAVE, done on 8 harnesses. A real damask weave would take 10 harnesses, 5 for each of the two blocks.

WARP:

Our warp is a 42/2, natural, two ply RAMIE, which has about 6,300 yards per lb. The natural Ramie is so white, that normally, you do not have to bleach it white.

Our weft is a 4 ply gold, metallic and polyester yarn, which makes an excellent warp or weft thread. comes on about 1 lb. cones

REED USED:

A 16 dent reed was used, and it was double-sleyed, 2 ends per dent, or 32 ends per inch. (32 EPI).

TIE - UP DRAFT:

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	1	2	-3	4	5	6	7	8	9	10)	12

SAMPLE:

IKEADLING SEGLENCE:

Please note that there are 16 weft shots in each pattern unit. They are as follows:

TREADLE:

5,6,7,8,5,6,7,8,5,6,7,8,

9, 10, 11, 12.

Repeat this treadling over and for desired length.

MORE ABOUT THE FABRIC:

This should make a wonderful centerpiece for any anniversary table, and it was fairly easy to weave. This ramie did tend to stick together a little, so I definitely suggest double beat. Beat first after you throw the shuttle, change to the next shed, and beat again before you throw the shuttle in the new shed.

Also, on this sample, you can do it with a loom with just 8 treadles, as we

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VOLUME 37, Number 8, APRIL, 1995:

plied, at an unbelievable price of \$12.00 per lb. We have about 25 lbs. of this. This is a tremendous buy, as we were just offered some more of similiar metallics, and the price they offered it to us was \$11.75 per lb., and we had to take many other metallics we did not like to get this price. We are just ordering it today, so there will be a big jump in the price of some of our metallics in the future.

Of course, you know there is very little elasticity in this metallic yarn, so you can be sure of practically no shrinking, when you wash a fabric of this type.

THREADING DRAFT:

<u>-</u>								_ <u>x</u>	?	K	X	X		X	>	(X	X						
	-7 (1472) 44 (147							X	X	x		x	:	x	- <u>x</u>	<u>x</u>		-x-						
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5							x	-	x	x	- <u>x</u>			- X		<u> </u>	- <u>-</u>	<i></i>						
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did not use the first 4 treadles of the tie-up on this sample. We did another Imitation Damask in January, and on that sample, all 12 treadles were required. However, this sample only requires 8 treadles, as per the treadling I have given.

This Ramie is a wonderful substitute for linen. It is about 1/2 price of the same size in linen, and is excellent for table-cloths, fine lace-weaves, napkins, etc. This used to be a very common warp thread for these I fine weight fabrics. The nice thing about ramie is that it won't shrink, won't stretch, resists rot and mildew, and is a very, very, strong fiber. It is a natural fiber, and fabrics of this type, has been found in the Egyptian Mummies, 3 or 4,000 years old, still in perfect condition.

We have also; ll colors in the size 20/3, and it has 2,000 yards per lb. We also have about 15 to 20 colors in the size 16/2, and it has 2400 yards per lb. And, we have in stock also, a size 20/9 ply Ramie Rug Warp, whiter than most linens, with 650 yards per lb., at \$12.00 per lb. So pleased to have this at a wonderful price.

The 4 ply metallic weft thread is a 1/69 supported gold, which we had 4

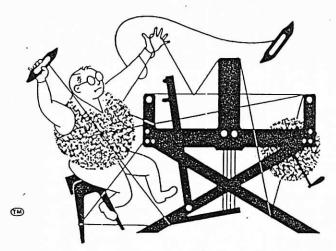
One thing we found in the weaving was that we put some tissue paper on the bobbom of our boat shuttles, so that when the bobbin of metallic unwinds, it does not continue to unwind, but the drag by the tissue paper stops the bobbin from unwinding. This results in a lot less problems of the unwound metallic thread coming off the ends of the bobbins, and wrapping around the metal pirn. In other words, you want to keep it under control at all times. COST OF THE FABRIC:

We did a 15 yard warp, 40" wide, at 32 e.p.i. It took 2 lbs. and 15 oz. for the warp at \$24.00 per lb. Our total warp cost was \$70.50, or the warp cost was \$4.70 per yard. We wove 6 yards of this on the loom. It was set-up 40" wide, and

We wove 6 yards of this on the loom. It was set-up 40" wide, and when off the loom was 39" wide. Off the loom, with no tension, we had 5-3/4 yards of fabric. So we lost 1/4 of a yard, or 9" to tension. To weave this fabric, we used 1 lb. 7 oz. of this 4 ply metallic. So, our total weft cost for 5-3/4 yards was \$17.25. Thus, the weft cost per yard was \$3.00 per yard.

WARP COST PER YARD, 40" wide \$ 4.70 WEFT COST PER YARD, 39" wide \$ 3.00

FABRIC COST PER YARD COMES TO \$ 7.70



a guide for 5 to 12 harness weaves

VOLUME 37, No. 9, May, 1995:

BLUE AND GREEN, A Color Lover's Delight This sample is called a "TURNED OVERSHOT,", but I do not understand why it is called this. I had to experiment a lot to come up with a fabric that I liked, and this is the result.

WARP:

We used a cotton flake for the warp in the 1500 yards per pound size, and were very pleased with the large, overall surface pattern, this flake gives us in the weaving.

X - Cotton flake, Medium True BlueO - Rea Blue Spruce (Dk. Green)

This heavier cotton flake is ideal for handweavers, with 1400 to 1500 yards per 1b. We have about 20 colors of this on hand. Price on this is \$8.00 per 1b. We have about 50 lbs. of each of the colors.

WEFT:

In the weft, we used one color of the cotton and rayon blend yarn, which also has a 5% acrylic content, and we used one color of Carribean Blue 6 strand cotton floss, doubled in the weft, 2 ends wound on one bobbin, to act as one thread. The 6 strand floss is \$9.60 per lb., and the cotton & rayon is \$8.00 per lb.

REED USED:

We used a 6 dent reed, and it was double sleyed, 2 ends per dent or 12 ends per inch.

SAMPLE:



TIE-UP DRAFT:

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2	X	X				X		$\bar{\mathbf{x}}$
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	1	2	3	4	5	6	7	8

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There are 12 shots in each complete pattern repeat. Repeat over and over as desired.

Treadle 5,4,3,4,5, with Jade Treadle 2, doubled weft, Carribe Blue Treadle 5,4,3,4,5, with Jade Treadle 2, with doubled Carribe Blue

End of one complete pattern repeat.

MORE ABOUT THE THREADS USED:

We have about 20 colors in this heavier cotton flake. I was very pleased with the overall surface of this fabric, as the flakes come up in spots, various almost makeing, a pattern in the fabric. The 6 ply cotton in the weft is a 6 strand floss which has 2080 yards per lb. It is \$9.60 per lb. while it lasts. It came on about 1 lb. 3 oz. cones. The second color was a cotton & rayon combination in a smooth thread with about 1500 yards per lb. It is 45% Rayon, 5% Polyester, and 50% Cotton. We have been purchasing and stocking various colors in this for about 10 years. It is \$8.00 per lb.

The total warp cost is \$38.40, and the cost per yard comes to \$2.56 per yard.

In 6 and 1/2 yards of finished fabric, we used 2 lbs. 8 oz. of Jade cotton and rayon at \$8.00 per lb. This comes to \$20.00. We also used 13 oz. of 6 fold, cotton floss at \$9.60 per lb., so we used \$7.80 in the Carribean Blue 6 strand floss. So, our total weft cost for 6-1/2 yards was \$27.80, and that means the cost per yard for the weft was \$4.28 per yard.

WARP COST PER YARD, 40" wide \$2.56 WEFT COST PER YARD, 39" wide \$4.28

Fabric cost per yard was --- \$6.84

MORE ABOUT THE FABRIC:

Please note that we doubled the 6 strand Carribe Blue cotton floss on the bobbin, and used it as one thread. The rest of the thread was used singly. We used a firm, even, medium, double beat with the weft. There were no broken threads or no problems in the weaving of this sample. It was a pleasure to weave.

OUT OF PRINT BOOKS:

We have one copy of HOME WEAVING, BY Oscar Beriau, a 1952 edition, and the price is \$20.00. It is a hard-bound book, 1926 edition, in good condition. The outer paper cover of the hardbound book is poor, but the book itself, and the regular cover is in good condition.

We have one copy of HANDBOK I VEVING, by Caroline Halvorsen, a hard bound copy, a 1948 edition for \$20.00 and it has many 4 and 8 harness patterns in this older Norwegian book

THREADING DRAFT:

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COST OF THE FABRIC:

We did a 15 yard warp, 40" wide on the loom. This took 7,200 yards of the cotton flake. This comes to 4 and 8/10's lbs. of the cotton flake. Also, we have 3 copies of CREATIVE DESIGN IN WALL HANGINGS, by Lili Blumenau, all hard-bound, all at \$15.00 each. All in good condition.