

a guide for 5 to 12 harness weaves

#### VOLUME 36, Number 1, September 1993:

#### TAMERLANE'S CARRIAGE:

The last known man to conquer most of the world as we know it today, was Tamerlane. Since my trip to Turkey, I have been studying about Alexander the Great, and Tamerlane, as they both conquered Turkey, China, Russia, and India. The circles represent the wheels and 2 persons inside the carriage. Actually, this is misnamed, as he spent most of his life on horseback.

I was given this draft by a friend and a sample. Then, I found the same draft in A WEAVER'S BOOK OF 8 SHAFT PATTERNS. Unfortunately, we had already woven this pattern, before I found the one in the book, and I did discover one error in the threading draft and sample that had been given to me. So, I will give you the draft as we wove it, and then I will point out the error to you.

#### WARP:

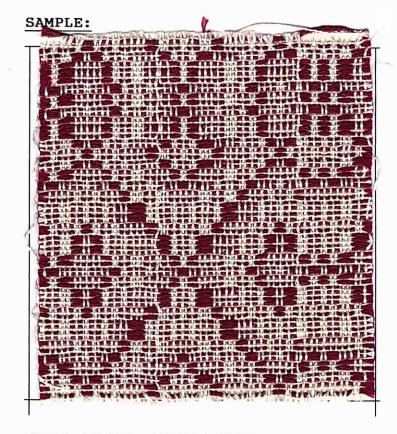
Our warp was a 16/2, natural, mercerized, combed peeler cotton.

#### WEFT:

Two threads were used in the weft. The tabby thread was the same as the warp, and the pattern thread was the 6 strand cotton floss in a wine color.

#### REED USED:

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



#### ERROR IN THREADING DRAFT:

Note that the threading draft on the other side, is exactly as we set up and wove it. However, threads 18, 19, 20, 21, and 22 in the draft should read 2,4,2,4,2. The sample we were given had these 5 threads threaded 2,4,2,5,3, and I believe it should have been 2,4,2,4,2.

Can you find the error in the sample. The more I look, the more it stands out to my eye.

Drafts And Designs Supplement for Vol. 36, Number 1, September 1993

Here is a reduced view showing the entire

Thanks for subscribing and happy weaving!

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#### DRAFTS AND DESIGNS:

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#### VOLUME 36, Number 1, September, 1993:

#### TIE-UP DRAFT:

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

#### TREADLING SEQUENCE:

Weave as a conventional overshot, with a alternating tabby shot between

#### THREADING DRAFT:

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#### MORE ABOUT THE THREADS USED:

The 16/2 mercerized cotton used for warp has 6720 yards per 1b. We have a special on it at present of \$6.80 per 1b., and it came on about 2 lb. cones. It is a durene quality thread.

Our pattern thread was the 6 strand floss, which has 2080 yards per 1b., almost the same as a perle 5 cotton with 2100 yards per 1b. It came on about 1 lb. 2 oz. cones, and is for sale at \$9.60 per 1b. The regular price for this from a regular stock sample sheet is \$26.95 per 1b. now, so this is an exceptional bargain.

#### COST OF FABRIC:

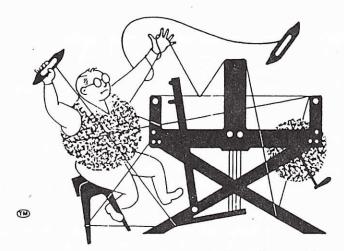
We did a 15 yard warp, 40" wide. It took 2 lbs. 6-1/2 oz. of the 16/2 natural cotton at a cost of \$6.80 per lb., so the total warp cost was \$18.70, or the cost per yard comes to \$1.25 per yard. We did 6-2/3's yards of pattern. It took 11 oz. of 16/2, and 2 lbs. 6-1/2 oz. of floss. So, the total weft cost for 6-2/3 yards was \$28.20, so the cost per

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one

each pattern shot.

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#	3	-	2	times	#4	=	2	times	
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#	2	-	2	times	#5	-	2	times	
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## a guide for 5 to 12 harness weaves

#### VOLUME 36, Number 2, October, 1993:

#### RIBBED SQUARES:

Our sample is actually a compound weave, featuring a plain surface, with squared ribs on the fabric. It is sometimes called a DOUBLE SURFACE WEAVE.

A large piece of this is much more attractive than our sample. Wish I could show it to you.

I tried to weave it in colors that seem to be popular now, and I've seen several commercial fabrics somewhat similiar.

#### WARP:

We used 3 threads in the warp. They are all the same size, 8/2 unmercerized cotton, which has 3360 yards per 1b. The colors used were as follows:

- X Ancient Delft Blue
- 0 Turquoise
- A Dusty Slate Blue

#### WEFT:

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

#### REED USED:

A special sleying of the reed was done, and I have marked it underneath the threading draft with loops. All of the threads within one loop were put in one dent. The basic reed used was a 10 dent. You will notice the threads were sleyed through the reed in groups of 2, 5, or 6 threads in one dent.

#### SAMPLE:



#### TIE-UP DRAFT:

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

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#### VOLUME 36, Number 2, October, 1993:

#### THREADING DRAFT:

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	8	0 0	0						37. Treadle # 7, Turquois
•	7	0	0 0	)					38. Treadle # 8, Dus. Sl.
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-	5	A A	A A A						40. Treadle # 7, Turquois
	4			Х	X X	X	X X	X	41. Treadle # 5, Dus. Sl.
	3			X	X X	X	X X	X	42. Treadle # 6, Turquois
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#### KEY TO COLORS IN THE THREADING DRAFT:

X - 8/2 Cotton, Ancient Delft Blue

A - 8/2 Cotton, Dusty Slate Blue

O - 8/2 Cotton, Turquoise

#### NOTE ABOUT THREADING DRAFT:

Under the threading draft, you see the # 2, 15 times, two 5's, and one 6. This is for the sleying of the reed. Two per dent for 15 dents, 5 per dent for 2 dents, and 6 in one dent.

#### MORE ABOUT THE THREADS USED:

We have about 10 to 12 colors in the 8/2 cotton. It is unmercerized, and it has 3360 yards per lb. and the cost is \$8.00 per lb. Also, from time to time, we add another color and change from one not popular to a color that is much more popular.

It came on about 2 lb. to 2 lb. 8 oz. cones, and we can wind off 1/2 lb. or l lb. tubes for you.

#### NOTE ABOUT SLEYING OF THE REED:

With the special sleying of the reed I have indicated, you will find that the ends per inch averages slightly less than 26 ends per inch.

#### TREADLING SEQUENCE:

Note that there are 44 shots in each complete pattern repeat. think that I should best write this out in full.

1. to 28. Treadle 1,2,3,4, seven times with Ancient Delft Blue

29. Treadle # 5, Dusty Slate Blue

30. Treadle # 6, Turquoise

31. Treadle # 7, Turquoise

32. Treadle # 8, Dusty Slate Blue

33. Treadle # 6, Turquoise

34. Treadle # 7, Turquoise

35. Treadle 5, Dusty Slate Blue

36. Treadle # 6. Turquoise se -

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Repeat as desired.

#### COST OF THE FABRIC:

We have finished 4-2/3 yards of fabric. The weft used, based on this, was 4 oz. of dusty slate blue; 6-1/2 oz. of turquoise; and 15 oz. of Ancient Delft Blue. We used 1 lb. 13 and 1/2 oz. in 4 and 2/3rds yards. The total cost for this was \$14.75, so the cost per yard comes to \$3.17 for the weft thread.

Our warp was 39-1/2" wide, and for our 15 yard warp, it took 4.6 lbs. at \$8.00 per lb. It took 4.6 lbs. of this for warp, coming to \$36.80 for a total warp cost of \$36.80. This makes our warp cost come to \$2.46 per yard.

WARP COST PER YARD, 39-1/2"-- \$2.46 WEFT COST PER YARD, 39" wide \$3.17

#### FABRIC COST PER YARD comes to \$5.63

#### MORE ABOUT THE FABRIC:

This is easy to weave, but you should use a firm, even, double beat.

Also, please note the difference on the back and front of this fabric. I am tempted to use what is the back, as the front on this sample.



a guide for 5 to 12 harness weaves

#### VOLUME 36, Number 3, November, 1993

#### TIC, TAC, TOE, ON THE TABLE CLOTH:

Very seldom do you ever see Swedish Lace in more than 4 harnesses, but this is one that I worked out about 35 years ago, and always wanted to do more experimenting with. So, finally, here it is. I did this in an extremely heavy linen, and have decided it should also be done in fine cottons.

#### WARP:

Our warp is a 36/6 natural PIMA cotton, which we have sett at 32 ends per inch. This 36/6 ply, is the exact same size (yardage per lb.) as a 12/2 cotton, with 5040 yards per lb. It has a very good, tight twist, and should be outstanding for a multitude of uses. I liked it so well, I purchased 1,000 lbs. of it. We have it in both natural and white.

#### WEET.

We tried many different yarns for this sample, and we finally settled on a size 50/2 Burgundy Mercerized Cotton.

#### REED USED:

We used an 8 dent reed, 4 ends per dent, but it would have woven better in a 16 dent reed, 2 ends per dent. The 4 ends per dent tend to group a little, and make slight ribs in the fabric. We are doing another project with this, using a 16 dent reed, and it is much better.

#### SAMPLE:

#### NOTE ABOUT THE THREADING DRAFT:

I am writing out the pattern in a profile draft, where each block in the threading draft represents 6 thds. Notice in the profile, there are 7 blocks, and one is labeled 1-2, and the other blocks are individual. If there is one square on 1,2, it represents 6 threads, threaded 2,1,2,1,2,1. If there is one square in the 3 block, it represents 6 thds., threaded 2,3,2,3,2,1. And if there is one block on # 7, it represents 6 threads threaded 2,7,2,7,2,1. This applies to all 7 blocks.

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#### VOLUME 36, Number 3, November, 1993:

#### THREADING DRAFT:

8	X		X	X
7	x	х		X
6	Х	Х	X	X
5	_x	X	х	x
4	X	X	Х	X
3	Х	X	Х	X
2		X	XXXX	XXX

Remember: Each X in the threading draft represents 6 threads.

#### TIE-UP DRAFT:

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

#### TREADLING SEQUENCE:

- 1. Treadle 2,1,2,1,2,1 3 times 2. Treadle 2,3,2,3,2,1 1 time
- Treadle 2,4,2,4,2,1 1 time
- 4. Treadle 2,5,2,5,2,1 ltime
- 5. Treadle 2,6,2,6,2,1 1 time
- Treadle 2,7,2,7,2,1 1-timé-s
- 7. Treadle 2,8,2,8,2,1 1 time
- 8. Treadle 2,7,2,7,2,1 1 time
- 9. Treadle 2,6,2,6,2,1 1 time
- Treadle 2,5,2,5,2,1 1 time
- 11. Treadle 2,4,2,4,2,1 1 time
- Treadle 2,3,2,3,2,1 1 time REPEAT FROM THE BEGINNING

#### COST OF THE THREADS USED:

The 36/6 Pima Cotton is on about 1-1/2 to 2 lb. dye tubes. It is \$9.60 per lb., is extremely strong, and 5040 yards per lb. We can wind off 1/2 or 1 lb. tubes for you.

The 50/2 cotton, believe it or not, is a burgundy color. It is \$8.00 per lb., there are about 4 colors
available, and it has 21,000 yards per lb. We can wind off 1/2 lb. or 1 1b. tubes. It came on about 3 1b. cones.

#### COST OF THE FABRIC:

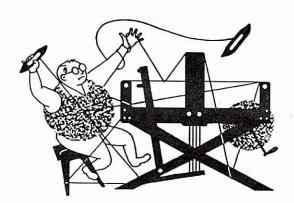
In 6-1/2 yards of weft, we used just 4-1/2 oz. of the 50/2 mercerized burgundy cotton, so the total weft cost came to \$.35¢ per yard.

We did a 15 yard warp, 40" wide, with the 36/6 Pima cotton. sett at 32per inch. It took 3 lbs. of warp at \$9.60 per lb., so the total warp cost comes to \$28.80, so the warp cost per yard comes to \$1.92 per yard. Warp cost per yard-----\$1.92 Weft cost per yard ----- .35¢ FABRIC COST PER YARD----- \$\$2.27

#### CLASSIFIED ADVERTISING:

SPACE-DYED RAYON CHENILLE from Italy. A beautiful color combination. It is dark purple, light purple, lavender, mauve and wine-red in color It supposedly has 2700 yards per lb., and this one has to sell for \$12.00 per lb., I'm sorry to say. Ιt is a beautiful combination, and we have purchased lbs. of it. ROBIN & RUSS HANDWEAVERS, INC., 533 No. Adams St., McMinnville, Oregon 97128.

SPUN SILK, 5,000 yards per lb. It is a 6 ply, 60/6, and should be an excellent warp at 20 or (preferably 24) ends per inch. Price will be \$48.00 per 1b., about 1/2 of what other shops sell this for. It is coming from England. I ordered some 400 lbs. of this one. Natural white in color, it will be just a little finer than a 10/2 cotton. ROBIN & RUSS HANDWEAVERS, 533 North Adams St., McMinnville, Ore. 97128.



a guide for 5 to 12 harness weaves

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Volume 36, Number 6, February, 1994

#### **HUCK LACE IN 8 HARNESSES:**

I just had to try some of this 36/6ply, PIMA COTTON, in Natural for warp and weft thread. This is thesample I choose to do with this new thread. This 6-ply PIMA Cotton is exceptionally strong, and as it is a6 ply, it is a much more round threadthan a 2 ply. I thought this was such a nice yarn that I purchased 1000 pounds of it, and we received a small lot of this in a bleached white also.

#### WARP:

Our warp is a 36/6 NATURAL PIMA COTTON. If you reduce these sizes, you find that it is exactly the same size as a 12/2 cotton. However, as this is a 6 ply, it is rounder than a 2 ply, and should produce very pleasant fabrics. It will certainly be more strong and durable than the 12/2 mercerized cotton.

#### WEFT:

Our weft in this sample is exactly the same as the warp, a 36/6 ply, natural, mercerized, pima cotton.

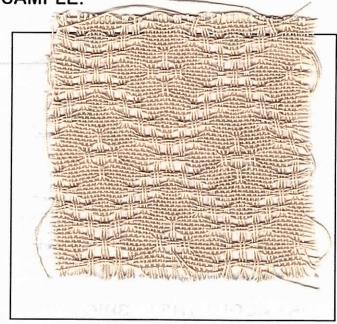
#### REED USED:

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

#### TREADLING SEQUENCE:

There are 50 shots in each complete pattern repeat. I will give you the treadling in 10 groups of 5 threads, in order to make it easier to write.

#### SAMPLE:



Here is the treadling sequence as we used it on this sample:

- 1. Treadle 2,3,2,3,2
- 2. Treadle 1,4,1,4,1
- 3. Treadle 2,5,2,5,2
- 4. Treadle 1,6,1,6,1
- 5. Treadle 2,7,2,7,2
- 6. Treadle 1,8,1,8,1
- 7. Treadle 2,7,2,7,2
- 8. Treadle 1,6,1,6,1 9. Treadle 2.5.2.5.2
- 10. Treadle 1,4,1,4,1

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

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VOLUME 36, Number 6, February, 1994

We have another project going on this warp now, and are using a finer weft thread. I think you will like the results of this when you see it. I almost felt that we could have sett this warp at 40 ends per inch for this fabric instead of 32. I will have to try this in the future. This is an easy to weave fabric, and my only comment, is that you should use a tight, double beat, and make it as firm as possible. I would beat with the shed open, change to the next shed, beat, and then throw the next pattern weft.

#### THREADING DRAFT:

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#### THREADING PLAN FOR 40" wide TABLECLOTH:

- 1. Thread A to B, one time 12 Threads
- 2. Thread B to C, 25 times 1250 Threads
- 3. Thread 1st 5 threads after A 5 Threads
- 4. Thread A to B, one time 12 Threads
- 5. Thread 1 thread #1 to balance 1 Thread Total # of warp ends in 40" 1280 Threads

#### MORE ABOUT THE FABRIC:

First of all, I want to say that this fabric, when taken off the loom, should be washed, allowed to drip dry, and then steam-pressed. You can make these into regular table-cloths or perhaps card-table covers.

Also, lace weaves of this type seem to weave narrower than other fabrics. Our warp started out at 40" wide on the loom, and when the fabric came off the loom, it was 37" wide. I think that it would shrink perhaps one more inch in the washing.

Also, we measured the woven part of this fabric on the loom, and it measured 6 yards and 18" long, when on the loom, and under tension.

When off the loom, and allowed to relax for a day, we measured it again, and it was 6 yards and 13" long, so we lost 5" in 6-1/2 yards, due to the tension of the warp.

#### TIE-UP DRAFT:

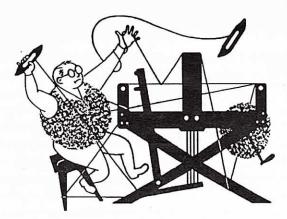
	5 4 3	x	X	X	X	X	X	X	2
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## MORE ABOUT THE THREAD USED, & COST OF THE FINISHED FABRIC:

This 36/6 Mercerized Pima Cotton is the exact same size as a 12/2. It has 5040 yards per Ib., and came on about 1½ Ib. tubes. The price is \$9.60 per Ib. It is a very strong thread, and quite round because of the fact that it is a 6 ply.

It took 3 lbs. 13 oz. for a 15 yard warp, 40" wide. The total warp cost of a 15 yard warp, 40" wide was \$36.60, and the cost per yard comes to \$2.44 per yard. In 6½ yards of fabric on the loom, it took I lb. 5 oz. of weft, so the total weft cost for 6-1/3 yards comes to \$12.60, and the weft cost comes to \$2.02 per yard.

FABRIC COST PER YARD: \$4.46



## a guide for 5 to 12 harness weaves

Volume 36, Number 7, March, 1994

## UNDULATING HUCK, an 8 harness weave:

This pattern was a fun one to work out. I was trying to come up with something a little different than the traditional huck, and this is the result. This effect was achieved by weaving it more or less as a type of twill weave, rather than using the traditional huck treadling.

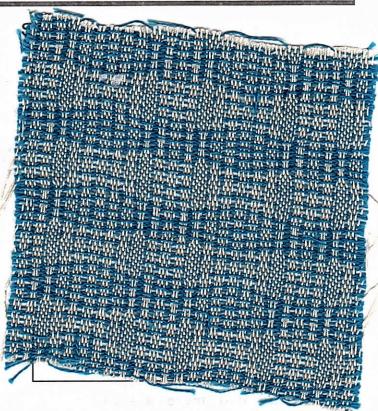
WARP: Our warp is the 36/6 ply, natural Pima Cotton.

WEFT: Our weft is a 20/2, C.P.M, in the color of Teal. C.P.M. stands for combed, peeler, mercerized.

REED USED: We have used a 16 dent reed, and it is sleyed 2 ends per dent, or 32 ends

#### MORE ABOUT THE THREADS USED:

Our warp is the 36/6 ply, NATURAL PIMA COTTON. It is 6 ply, and this makes it more round than a 2 ply, but this has exactly the same yardage per Ib. as does a 12/2 cotton, 5040 yards per Ib. Most of this is produced in Texas, Arizona, and New Mexico, as this is about the only place in



the world where it is grown in quantity. It takes a high sheen when it is mercerized, which also adds much more strength. It came to us on about to 3 lb. dye tubes, and we can wind off 1/2 lb. or extra charge.

In our weft, we used a CPM, mercerized cotton in size 20/2, which has 8400 yards per lb. It came to us on about 2-1/2 lb. cones, and it sells for \$8.00 per lb. while our stock lasts. We can wind off 1/2 lb. or I lb. tubes, at no additional charge.

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VOLUME 36, Number 7, March, 1994

#### THREADING DRAFT:

C	TOTALN	OMDEK OF
8Ţ	X X	B T
7	X X X X	
6	X X X X X	
5	X X	
4	XX	
3		
2	XXX XXX XXX XXX XXX	-x-x-x-x-x-3
1	XXX XXX XXX XXX	XXXXXXX

#### TIE-UP DRAFT:

T	X	X	1	T-	X	X	Γ-
X			X		_	X	X
1	X		-	X	-	-	X
TX	_	X.	_	T-	X	-	-
T-	X	X	X	-	_	X	-
TX			X.	X	r-		X
T	X		X	Γ	X		X
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#### TREADLING SEQUENCE:

Note that there are 31 shots in each complete pattern repeat. We are going to give you 30 shots, and when you start over, the first treadle in the repeat is the one that balances the pattern. I will give you the treadling in groups of 8 or 7, to make it easier than writing out all 30 shots. Here it is:

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

And when you start your pattern over, it is on #1. That is the thread that balances the pattern.

#### PLAN FOR A TABLE-CLOTH:

When I planned this, I planned it with a small 12 thread border on each selvage edge, so that you could make a table-cloth or a cardtable cover with this pattern. Notice on the threading draft, I have marked A, B, and C. Follow these plans as I give them, and your fabric will be balanced on both sides on both the right and left selvages. And you can balance the beginning and the end, so that you have a narrow, plain weave border all around the outside of your fabric.

- 1. Thread 2,1, for 12 threads ...... 12
- 2. Thread B to C, 25 times ......1250
- 3. Thread 2,3,2,3,2, one time...... 5
- 4. Thread 1,2, for 12 threads and end on #1. ...... 13

TOTAL NUMBER OF WARP ENDS 1280

#### NOTE ABOUT TIE-UP:

This tie-up has changed from the one we used on the Huck Lace on last month's sample. Do not try to use the same tie-up to weave both samples.

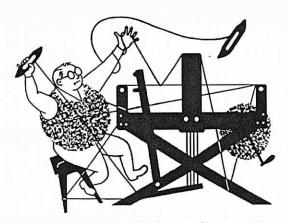
#### COST OF THE FABRIC:

We did a 15 yard warp, 40" wide on the loom. It took 3 lbs. 12 oz. of the 36/6 ply for the 15 yard warp. At \$9.60 per lb., or total warp cost was \$36.00, so thus the cost per yard of warp comes to \$2.40 per yard.

In 5 yards of weft on this 40" wide warp, we used 13 oz. of the size 20/2 mercerized Teal cotton. At \$8.00 per Ib., our total weft cost came to \$6.50 for 5 yards, so the cost per yard came to \$1.30 per yard. One of the most reasonable costing fabrics we have woven in a long time.

Warp cost per yard, 40" wide \$2.40 Weft cost per yard, 371/2" wide \$1.30

FABRIC COST PER YARD: \$3.70



# a guide for 5 to 12 harness weaves

Volume 36, Number 8, April, 1994

#### WIGGLE WHILE YOU WORK

Our sample this month is an all ramie fabric, with an interesting pattern, and with an undulating twill effect which is achieved in a different than normal manner. This undulating effect is achieved by a special pattern threading, rather than an unusual reed sleying This type of undulation is more practical, as it is more durable than when you achieve such an effect by the irregular sleying of the reed.

#### WARP:

There are two colors of the Ramie in our warp. The two colors used are NAVY BLUE and also PURPLE. This is size 20/3 Ramie, 2000 ypp.

#### WEFT:

In our weft, we also used 2 different colors of the 20/3 Ramie, than were used in the warp. One of the colors in the weft was Canton Green, and the 2nd color in the weft was the Royal Blue.

#### REED USED:

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

#### TREADLING SEQUENCE:

Please note that there are 32 shots in each complete pattern repeat Here is the treadling in a short form, easy to understand.



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

Treadle 1, 3, 5, 7

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

Treadle 2, 4, 6, 8

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

This is 32 shots all in one color, and then repeat the exact same treadling in the second color. The first 32 shots are Royal Blue, and the 2nd set of 32 shots are woven in the Canton Green.

Do repeat over and over as desired.

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VOLUME 36, Number 8, April, 1994

#### MORE ABOUT THE FABRIC:

I remembered weaving an 8 harness undulating twill about 30 or 35 years ago, so I started searching, and eventually, I found a sample in a horrible color combination of rust, royal blue, and white. I wondered how I could have ever put these 3 colors together, but there was my sample.

weave is excellent for a project like this, as so much of the ramie warp and weft is raised, and because of the weave construction, it should be very, very, absorbent. I designed this and started it, but had Joan Otte finish the weaving. I think it is a very beautiful fabric.

As most of you know, and undulating twill is usually created by a special sleying of the reed, but in this sample, the undulation is created by the use of a slightly different threading draft.

We did sectional warping on this project, and did a 15 yard warp, 40" wide. We set this up 40" wide on the loom, and it wove down to 39" width, when measured after we took it off the loom.

#### COST OF THE FABRIC:

We did a 15 yard warp, 40" wide, and in our warp, we used 7 lbs. 4 oz. of the ramie. This comes to \$174.00 for the total cost for 15 yards, 40" wide, or the cost per yard comes to \$11.60 per yard.

#### THREADING DRAFT:

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#### TIE-UP DRAFT:

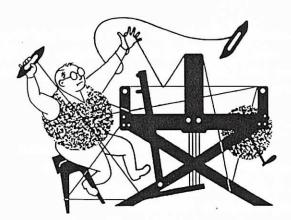
8	T	Γ		Γ	X	X.	X	X		X
7		Γ-	T-	X	X	X	X	-	X	
6	1	T-	X	X	X	X				X
5	1	X	X	X	X	1			X	
4	TX	X	X	X		1				X
3	X	X	X	Ι		Ι	Γ	X	X	Ι-
2	X	X		-	-	-	X	X	-	X
1	X	-	-	-		X	X	X	X	-
	T	2	3	4	5	6	7	8	A	В
									9	1

So, finding that it would work well in ramie, I more or less planned these for one to use as kitchen towels, for dishwashing. I would suggest that you set it up 26" wide, and weave approximately 39" to 40" in length. These should be very functional, and extremely absorbent after it has been washed 2 or 3 times. This

#### RAMIE RUG WARP:

We have a wonderful new ramie rug warp. Size 20/9 ply, 660 yards per lb. A special price at \$12.00 per lb. Used as warp at 6 or 8 epi. Will not stretch, shrink, and resists rot and also resists mildew.

ROBIN & RUSS HANDWEAVERS 533 N Adams St. McMinnville, OR 97128.



## a guide for 5 to 12 harness weaves

Volume 36, Number 9, May, 1994

#### **CARRIBEAN SUNSET:**

Our 8-harness pattern this month is an upholstery fabric, planned so, because of the very short floats of the weft thread, and because of the durability of the Ramie. It will not shrink, stretch, and it resists rot and resists mildew.

#### WARP:

Our warp is the 20/3 ply black Ramie, which has 2,000 yards per lb.

#### WEFT:

We used 6 different colors of the ramie in the weft, and they were either 16/2 ramie, or 20/3 ramie, as we stock both in colors.

- A 20/3 Ramie, Navy Blue
- B 16/2 Ramie, Royal Blue
- C 16/2 Ramie, Field Blue
- D 16/2 Ramie, Yellow Gold
- E 16/2 Ramie, Just Plain Yellow
- F 16/2 Ramie, Lemon Yellow

#### **REED USED:**

We used a 10 dent reed, and double sleyed it, 2 ends per dent, or 20 ends per inch.

#### SAMPLE:



TIE-UP DRAFT:

8	T			X		X	X	X
7	T		X		X		X	X
6	1	X	ļ		X	X		X
5	X		-		X	X	X	-
4		X	X	X				X
			X	X				Γ-
2	- TX	X	-	X		X	X	
T	X		X	_	X		-	

THREADING DRAFT:

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6	Ť									X	X	×_	<u>X</u> _	<u>X</u> _	X	X
5	T									X	-X	_ <u>x</u>	- <u>x</u>	- <u>x</u>	_ <u>x</u>	X
4	T	>	ζ	X	X	X	ζ	X	×							X
3	T	X	X	:;	X	X	>	ζ	X							- T - X
2	T	$\overline{X}$	$\overline{X}$	X		X	X		Χ							X
1	T	X	-X	X	X		X	X		T						TX

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VOLUME 36, Number 9, May, 1994

#### 

#### MORE ABOUT THE FABRIC:

First of all, did you note that I have given you a plan for a tablecloth? I took an arbitrary length of 60", but most tables are longer than this. So, you have to decide what length of table-cloth you want. And the treadling sequence would be the same as the threading for your tablecloth. The only difference is that you would treadle B to D, for the desired length you want and then and then A to B three times, and then 4,3,2,1. This then balances both ends of your table-cloth.

On this fabric, you want to use a firm, even, double beat. Beat with the shed open, change to the next shed. and beat again before you throw the shuttle through that shed. We are so pleased with this last lot of 20/3 ramie. It seems to weave very well, and 20 epi seems to be an ideal sett for it. know it is hard, and slow to obtain the linens from England, so this Ramie is a wonderful substitute. We have approximately 30 different colors in

these two sizes, 16/2 with 2400 yards per lb., and 20/3 with 2,000 yards per lb. Both sizes are \$24.00 per lb., and they are in stock.

#### TREADLING SEQUENCE:

On this sample alone, without planning ends for a table cloth, you want to use the following listed treadling, over and over:

- 1. Treadle 8 to 1 with navy blue
- 2. Treadie 8 to 1 with royal blue
- 3. Treadle 8 to 1 with Field Blue
- 4. Treadle 8 to 1 with lemon yellow
- 5. Treadle 8 to 1 with Plain Yellow
- 6. Treadle 8 to 1 with orange rust End of one pattern repeat. Do repeat over and over as desired.

## MORE ABOUT THREADS & COST OF FABRIC:

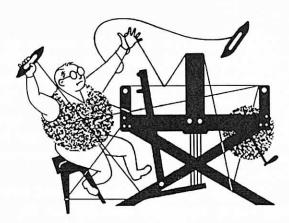
We wove 7¼ yards of this fabric, and it took 5 oz. of Navy, Field Blue, Lemon Yellow, and Orange Rust. It took 4½ oz. of Royal Blue, and Just plain Yellow. Our total weft needed for 7 yards, 9 inches came to 29 oz. of ramie or 1 lb. 13 oz., at \$24.00 per lb. So, the total weft cost was \$43.50, or the cost per yard was \$6.00 per yard.

In the warp, we had a 15 yard warp, 40" wide, and it took 6 lbs. of warp, so the total warp cost was \$144.00, or the cost per yard comes to \$9.60.

WARP COST PER YARD, 40" wide \$9.60 WEFT COST PER YARD, 39" wide \$6.00 FABRIC COST PER YARD: \$15.60

#### SPUN SILK TOPS IN BRICK FORM:

About 5½ oz. per brick, we have packaged them in approximately 1 lb. bags of 3 with a SPECIAL, SPECIAL PRICE. It is \$20.00 per lb! Our regular price is \$40.00 per lb. for this. This price will apply while it lasts. We have 110 lbs. on hand, and when this is gone, this is the end of this price. Only Available from ROBIN & RUSS HANDWEAVERS, INC.



## a guide for 5 to 12 harness weaves

Volume 36, Number 10, June, 1994

#### THE BLUE DANUBE:

Twills going in all directions, and interesting textures, reminds me of my trip down the Danube about 15 years ago. This 8 harness pattern for use as upholstery worked out very well, and I was pleased with the results obtained from this warp.

#### WARP:

Our warp is the 20/3 Ramie in the black. This is a new size and color just in from Switzerland about four months ago.

#### WEFT:

We used two different Ramie threads in the weft, and the colors were Bachelor Button Blue, and Royal Blue.

#### REED USED:

I used a 10 dent reed, and it was double-sleyed, 2 ends per dent, so this was 20 threads per inch (tpi).

#### TREADLING SEQUENCE:

There are 40 shots for each complete pattern repeat. The treadling is quite easy, and I will write it in a short method, for greater convenience.

1. Treadle 1,2,3,4, 5 times, with the Royal Blue 20/3 Ramie

2. Treadle 5,6,7,8, 5 times with the Batchelor Button Blue 20/3 Ramie.

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

#### SAMPLE:



#### MORE ABOUT THE FABRIC:

This fabric would make an excellent outdoor patio table cloth for those outdoor lunches and dinners during the summertime. It is a very durable fabric, easy to wash, very little pressing required, won't shrink, and won't stretch. Would also work very well as card-table covers, and the like.

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VOLUME 36, Number 10, June, 1994

#### THREADING DRAFT:

We also have about 20 colors in a size 16/2, with 2400 yards per lb. Both sizes combine together well, and both are the same price of \$24.00 per lb. The colors are dyed with the best dyes available, and the average price per lb., for us to have this dyed these colors was \$4.00 per lb.

We also have a 42/2 bleached white

We also have a 42/2 bleached white for fine table linens for \$24.00 per lb. It comes on 3200 yard cones of 1/2 lb. each at \$12.00 per tube or \$24.00 per lb.

And we have a size 20/9 ply ramie rug warp 667 yards per lb., and it is a tremendous buy at \$12.00 per lb.

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7							X	X	X	· >	( X	X		X
6							X	X	X	X	X	X		X
5							X	X	X	X	X	X		_X
4		ζ:	X	ΧΣ	< X	(X								X
3	X	X	X	<u>X</u>	X	<u>x</u> -				(12)			X	
2	X	X	<u>X</u> _	X	<u>x</u>	<u>x</u>							X	
1	X	X	-X	_ <u>X</u>	-X	X							X	A CONTRACTOR OF THE PARTY OF TH

#### PLAN FOR WEAVING TABLE-CLOTH:

LANTON WEATHE MADEE	
1. Thread first 4 threads 4,3,2,1	04
2. Thread A to B, 3 times	24
3. Thread B to D, 15 times 48	720
4. Thread B to C, one time	24
5. Thread A to B, 3 times	24
6. Thread last 4 threads, 4,3,2,1	04
For 40" wide table-cloth, there ar	e warp

### MORE ABOUT THE FABRIC:

800 ends or warp threads.

The idea for this sample was from an Olsan old magazine published by Marks Yarn Co. in Sweden. It was recommended as an upholstery fabric for dining room chairs, and it would work very well for that also.

#### COST OF THE THREADS USED:

The ramie comes in two sizes, and we import it from Switzerland, where we have it spun and dyed to order. We still have 2 monthly payment to finish paying off our last 2,000 lb. order. We have 11 colors in a size 20/3 ply, with 2,000 yards per lb.

#### TIE-UP DRAFT:

8	T			X	[	X	X	X
7			X		X		X	X
6		X		-	X	X		X
5	X	-			X	X	X	-
4	1	X	X	X	-	Γ		X
-			X	X	-			
2	X	X	Γ	X		X	X	
1	X		X		X			

#### COST OF THE FABRIC:

Our 15 yard warp, 40" wide uses 6 lbs. of ramie at \$24.00 per lb,, or a total of \$144.00 or the warp cost was \$9.60 per yard. In the weft. We wove 6-1/3 yards of weft, and this took a total of I lb. 15 oz. of the 2 colors in the weft, for a total cost of \$46.50, or \$7.40 per yard.

WARP COST PER YARD,	40"\$9.60
WEFT COST PER YARD	4
FABRIC COST PER YARD	\$17.00

Thus, a 38½" wide x 72" table-cloth would cost \$34.00