A SWISS MISS'S PATTERN:

This interesting pattern is one that we came across in Switzerland, on our trip this past May. It was from the HANDWEAVERS OF ZWEISIMMEN, and one of the employees there was Miss Vreni Jutzeler. She kindly gave us the pattern, and we purchased a tablecloth of it from her. The tablecloth is done in natural and light yellow linen, and we still have it. This tablecloth was about 60" wide, by 90" long.

WARP:
Our warp is a 20/2 Mercerized Ramie thread in a new color called Indian Orange.

WEFT:
The weft thread is a 20/2 Mercerized Ramie thread, called Pennant Red. It also is a new color just added to our line.

REED USED:
In the weaving of our sample, we used a 10 dent reed, and triple sleyed it, 3 ends per dent, or 30 threads per inch. You could also use a 15 dent reed, and double sley it, 2 ends per dent, or 30 threads per inch.

TREDLING SEQUENCE
Note that the treadling sequence is exactly the same as the threading draft. We will just give the threading here, one thread after another, separated only by a comma, and remember that just one thread was used in the weft, and it was the Pennant Red Mercerized Ramie.

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

There are 82 threads in one complete pattern repeat of the treadling, just as there are 82 threads in one complete repeat of the threading draft.
DRAFTS AND DESIGNS
Published monthly (except July and August) by Robin & Russ Handweavers, 533 N. Adams St., McMinnville, Oregon.
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VOLUME 12, Number 1 - - - September, 1969

THREADING DRAFT:

8
X X X X X X X X
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End

COST OF THE THREADS USED:
The 2 colors of 20/2 Mercerized Ramie come on 1 lb. cones. They are $5.40 per lb., or if you wish it on 4 oz. tubes of 750 yards each, it is $1.50 per 4 oz. tube of these colors. This ramie has been mercerized for greater strength, and more sheen, and makes a beautiful fabric.

COST OF THE FABRIC:
We had a 15 yard warp, 42" wide on the loom, or 1260 warp ends. It took 6 lbs., 11 oz. of the Indian Orange Ramie for the warp, so thus the total warp cost was $35.70 for the 15 yards of 42" width material. The cost per yard of the warp is $2.38 per yard.

We received 13 yards of finished fabric from this 15 yard warp. Thus, with take-up in weaving, and loom waste, we lost two of the 15 yards of warp.

It took 4 lbs. 9 ounces of the Pennant Red mercerized 20/2 ramie for the weft, at a cost of $24.63. Breaking it down to cost per yard, it comes to $1.89 per yard.

WARP COST PER YARD, 42" WIDE...... $ 2.38
WEFT COST PER YARD, 40" WIDE...... 1.89
FABRIC COST PER YARD, 40" WIDE.... $ 4.27

MORE ABOUT THIS FABRIC:
First of all, it is important that you use a firm even, tight, double beat. You should throw your shuttle through the shed, beat with shed still open; close the shed and open the next one on the next treadle and beat again firmly.

You could even use a triple beat on this if you wished, beating twice on the opening of the new shed, before you throw the shuttle through. It is important to make it a firm and even fabric. It would be beautiful for tablemats, tablecloths, and would even make beautiful drapes and could also be used in upholstery.

We used a 10 dent reed, 3 ends per dent, taking a chance that the 3 ends per dent might make it a ribbed fabric. It didn't do this, and so we felt that it was easier to beat tighter with the 10 dent reed, 3 ends per dent, than using a 15 dent reed, 2 ends per dent.

SOME INTERESTING BOOKS AVAILABLE
With the great growth of interest in stitchery and needlepoint, there have been some excellent ones published lately on these subjects. THE STITCHES OF CREATIVE EMBROIDERY, by Enthoven at $7.95 is an excellent book. Also, her book STITCHERY FOR CHILDREN is excellent. Still another stitchery book that I think is outstanding is ADVENTURES IN STITCHES by Mariska Karasz. The pictures and directions in it are so clear and look easy to follow. It is $7.50 and is well worth it.
SHADES AND SHADOWS:
An interesting 8 harness shadow weave, a variation of one of the many suggested by Marion Powell.

WARP:
Two ramie threads in size 20/2 Mercerized Ramie were used in the warp. They were as follows:
X - - Gold Gold 20/2 Merc. Ramie
O - - Honeydew Maize 20/2 Merc. Ramie

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

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

KEY TO THREADS IN THE WARP:

X - - GOLD GOLD 20/2 MERCERIZED RAMIE
O - - HONEYDEW MAIZE 20/2 MERC. RAMIE

THREADING DRAFT:

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1 0 0 0 0 0 0 0
2 0 0 0 0 0 0 0
3 0 0 0 0 0 0 0
4 0 0 0 0 0 0 0
5 X 0 0 0 0 0 0
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TREADLING SEQUENCE:

There are 14 threads in each complete treadling repeat of the pattern, as follows:

1. Treadle #1 - Gold Gold
2. Treadle #2 - Honeydew Maize
3. Treadle #1 - Gold Gold
4. Treadle #2 - Honeydew Maize
5. Treadle #3 - Gold Gold
6. Treadle #4 - Honeydew Maize
7. Treadle #5 - Gold Gold
8. Treadle #6 - Honeydew Maize
9. Treadle #5 - Gold Gold
10. Treadle #6 - Honeydew Maize
11. Treadle #7 - Gold Gold
12. Treadle #8 - Honeydew Maize
13. Treadle #7 - Gold Gold
14. Treadle #8 - Honeydew Maize
15. Treadle #5 - Gold Gold
16. Treadle #6 - Honeydew Maize
17. Treadle #5 - Gold Gold
18. Treadle #4 - Honeydew Maize
19. Treadle #3 - Gold Gold
20. Treadle #2 - Honeydew Maize
21. Treadle #1 - Gold Gold
22. Treadle #2 - Honeydew Maize
23. Treadle #1 - Gold Gold
24. Treadle #2 - Gold Gold
25. Treadle #1 - Honeydew Maize
26. Treadle #4 - Gold Gold
27. Treadle #3 - Honeydew Maize
28. Treadle #4 - Gold Gold
29. Treadle #3 - Honeydew Maize
30. Treadle #6 - Gold Gold
31. Treadle #5 - Honeydew Maize
32. Treadle #8 - Gold Gold
33. Treadle #7 - Honeydew Maize
34. Treadle #8 - Gold Gold
35. Treadle #7 - Honeydew Maize
36. Treadle #8 - Gold Gold
37. Treadle #5 - Honeydew Maize
38. Treadle #6 - Gold Gold
39. Treadle #3 - Honeydew Maize
40. Treadle #4 - Gold Gold
41. Treadle #3 - Honeydew Maize
42. Treadle #4 - Gold Gold
43. Treadle #1 - Honeydew Maize
44. Treadle #2 - Gold Gold

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

Note that the first 23 threads do alternate colors, and then all of a sudden on the 24th thread in the pattern, you change the sequence, and alternate for the rest of the treadling for the balance of the pattern. In other words, you alternate Dark and Light for 23 threads, and then you have light and dark for the balance of the 14 threads.

COST OF THE THREADS USED:
The mercerized ramie comes on 1 lb. cones, with 3,000 yards per lb. for the 20/2 size. It is $5.40 per lb., or if you purchase it in 4 oz. tubes of 750 yards each, it is $1.50 per 4 oz. tube. There are about 12 colors available in this mercerized ramie.

COST OF THE FABRIC:
This fabric was set up 42" wide on the loom. It took 11,520 yards of thread for the warp, or 12,000 yards would be 4 pounds for our 9 yard warp. Thus the total warp cost for 9 yards would be $21.60 or the cost per yard would be $2.40 per yard.

In the weft it took approximately 3 lbs. of 20/2 mercerized ramie for weft in 8 yards of fabric. Thus, the weft cost was $16.20 or the cost per yard of the 8 yards of finished weft was $2.03 per yard.

WARP COST PER YARD .................... $ 2.40
WEFT COST PER YARD .................... 2.03
FABRIC COST PER YARD, 42" WIDE $ 4.43

MORE ABOUT THIS FABRIC:
Yes, once again, it is important that you have a firm, even, double beat. Beat with shed open, change the shed to the next treadle and beat again, and then throw the shuttle. This is most important.
BANANA GOLD

This interesting 5 harness weave has a floating warp thread on the fifth harness, that makes it distinctive and interesting.

TIE-UP DRAFT:

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WARP THREADS USED:
There were two threads used in the warp. One was the heavy thread, which is 2/2 spun rayon in the color called BANANA.

The other warp thread was the 20/2 mercerized Ramie in the color which is called BRONZE GOLD.

WEFT THREADS USED:
Just one thread was used in the weft, and it was also a 2/2 spun rayon in a color called YELLOW LEMON.

THREADING DRAFT:

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REED USED:
A special sleying of the reed was used and you will see the directions below. The reed used was a 12 dent, and it was partially double sleyed and single sleyed.
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Volume 12, Number 3 - November, 1969

SLEYING OF THE REED
Reading the pattern from right to left as is always done with a threading draft, here is the sleying as was used in the 12 dent reed:
1. 1st dent - 2 ends 20/2 Ramie
2. 2nd dent - 2 ends 20/2 Ramie
3. 3rd dent - 2 ends 20/2 Ramie
4. 4th dent - 2 ends 20/2 Ramie
5. 5th dent - 1 end 2/2 spun rayon
6. 6th dent - 1 end 20/2 Ramie
7. 7th dent - 1 end 2/2 spun rayon
8. 8th dent - 2 ends 20/2 Ramie
9. 9th dent - 2 ends 20/2 Ramie
10. 10th dent - 2 ends 20/2 Ramie
11. 11th dent - 2 ends 20/2 Ramie
12. 12th dent - 1 end 2/2 spun rayon
13. 13th dent - 1 end 20/2 Ramie
14. 14th dent - 1 end 2/2 spun rayon
End of one complete sleying repeat.
Sley the pattern in the reed over and over, just as has been indicated above.

TREADLING SEQUENCE:
1. Treadle #2 - 2/2 spun rayon
2. Treadle #3 - 2/2 spun rayon
3. Treadle #4 - 2/2 spun rayon
4. Treadle #1 - 2/2 spun rayon
5. Treadle #2 - 2/2 spun rayon
6. Treadle #7 - 2/2 spun rayon
7. Treadle #6 - 2/2 spun rayon
8. Treadle #7 - 2/2 spun rayon
9. Treadle #2 - 2/2 spun rayon
10. Treadle #1 - 2/2 spun rayon
11. Treadle #4 - 2/2 spun rayon
12. Treadle #3 - 2/2 spun rayon
13. Treadle #2 - 2/2 spun rayon
14. Treadle #5 - 2/2 spun rayon
15. Treadle #6 - 2/2 spun rayon
16. Treadle #5 - 2/2 spun rayon
End of one complete pattern repeat.
Repeat over and over as desired.

IDEA FOR THIS SAMPLE
The idea for this sample came from the Contemporary Handweavers of Texas bulletin, and was some patterns that were worked by Rudolph Fuchs, one of the members of the Contemporary Handweavers of Texas. We have taken liberties with the choice of materials the sleying, and worked out one treadling that we liked.

MORE ABOUT THIS SAMPLE
First of all, let us tell you that we have just given you one treadling sequence, but that this is quite a versatile pattern, and you could work out other treadling variations on this set-up with the tie-up that we have given you. Notice for instance, in the tie-up that we did not use treadle #8 at all, but it could be worked in with one of your treadling variations.

Also, notice that on the back, the thread on harness #5 does float, and it is only tied in by six threads of the sixteen in the complete treadling sequence. On this particular sample, some of you might like the back better than the front, and it would be useful on drapes, pillows, etc. However, on the upholstery use for such a pattern, you would have to use the side that shows on the sample.

This is a very versatile pattern, and you could use an exotic thread as the float thread in coat or suit material, and use fine wool as the balance. You could do this in all linen for table cloths and place-mats, and I think that coarse heavy wool would make exciting drapery material. And this does not cover the many, many new threads that have become available to us in the man-made fibers during the past 10 years.

The only problem or suggestion in the weaving of this fabric is that we think you should use a firm, even, double beat.

COST OF THE THREADS USED:
The 20/2 Mercerized Ramie in the Bronze Gold color comes on 1 lb. tubes and it is $5.40 per lb. Or, you can get it on 4 oz. spools at $1.50 per 4 oz. spool. It has 3,000 yards per lb.
The 2/2 spun rayon used in the warp and the weft comes in about 14 colors, and it has 8 lb. yards per lb., and the price is $3.20 per lb. It comes on about 2 lb. cones, but we have been winding it off onto 1/2 lb. tubes.

* * * * * * *

***
Tantalizing Teal with Blue and Green

This fabric was designed with the thought in mind that it would make nice coat material.

Warp Threads Used:

In the warp are two colors of the 2/18's worsted, which we had spun to order in England to resemble fabric as best as possible. We used the Grenadier Blue and also the Chantilly Green in the warp.

The other warp thread used is the light and dark teal colors, in the beautiful 2 ply English Rug Yarn. The light one is color #F-146, and the darker teal is the #F-148.

Weft Threads Used:

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

Reed Used:

A 12 dent reed was used, and it was sleyed 2 ends per dent for the 2/18's English Fabri-type worsted, and it was sleyed 1 per dent, for the English Rug Wool.

Threading Draft:

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VOLUME 12, Number 4 - December, 1969

KEY TO THREADS IN THREADING DRAFT:

X - 2/18's worsted, Grenadier Blue
O - 2/18's worsted, Chantilly Green
A - Light Teal, #1/l/h, 2 ply rug wool
B - Dark Teal #1/l/h, 2 ply rug wool

TIE-UP DRAFT

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TREADLING SEQUENCE:

1. Treadle #6 - Lt. Teal 1/l/h
2. Treadle #5 - Lt. Teal 1/l/h
3. Treadle #4 - 2/18's Chantilly Green
4. Treadle #3 - 2/18's Chantilly Green
5. Treadle #4 - 2/18's Chantilly Green
6. Treadle #3 - 2/18's Chantilly Green
7. Treadle #4 - 2/18's Chantilly Green
8. Treadle #3 - 2/18's Chantilly Green
9. Treadle #4 - 2/18's Chantilly Green
10. Treadle #3 - 2/18's Chantilly Green
11. Treadle #2 - Dark Teal 1/l/h
12. Treadle #1 - Dark Teal, 1/l/h
13. Treadle #6 - Lt. Teal 1/l/h
14. Treadle #5 - Lt. Teal 1/l/h
15. Treadle #4 - 2/18's Grenadier Blue
16. Treadle #3 - 2/18's Grenadier Blue
17. Treadle #4 - 2/18's Grenadier Blue
18. Treadle #3 - 2/18's Grenadier Blue
19. Treadle #4 - 2/18's Grenadier Blue
20. Treadle #3 - 2/18's Grenadier Blue
21. Treadle #4 - 2/18's Grenadier Blue
22. Treadle #3 - 2/18's Grenadier Blue

END OF ONE COMPLETE PATTERN REPEAT. Repeat
over and over as desired.

COST OF THE THREADS USED:
The 2/18's worsted is our English im-
port. We have it in 18 colors on hand
and another 21 on order. It comes on 1/2
lb. cones, and is $6.80 per lb. or $3.40
per 1/2 lb. cone.
The 2 ply heavy English rug yarn comes
in 1 lb colors, in skeins of about 3½ oz.
skeins. It is $4.80 per lb., but will be
going up in price shortly, as it has just
increased in wholesale cost. It has
about 550 yards per lb., and actually
comes in kilogram packages of 10 skeins
per package. It is a beautiful quality
yarn that we are using a lot of.

COST OF THE FABRIC:
We put on an 8 yard warp for this pro-
ject. It was 40" wide. In the warp it
took 9 oz. of Chantilly Green 2/18's, 8½
oz. of 2/18's Grenadier Blue, and 12
ounces of each #1/l/h and #1/l/h English Rug
Wool. Thus the entire warp cost for 40"
width, 8 yards long was $14.85 or $1.85
per yard.

When the fabric was finished, we had
6½ yards of fabric. In this 6½ yards of
weft, it took 8 oz. of Chantilly Green,
8 oz. of Grenadier Blue, 1 lb., 6 oz. of
#1/l/h Light Teal, and 1 lb., 2 oz. of #1/l/h
Dark Teal. Thus the weft cost was $18.80
total or $2.89 per yard.

Also, as the total warp cost was $14.85
and we had 6½ yards of finished fabric,
I'm going to revise my figures for the
warp cost per yard, and give you a total
cost per yard for the actual finished
fabric (including loom waste, etc.).
WARP COST PER YARD ............. $2.50
WEFT COST PER YARD ........... 2.89
FABRIC COST PER YARD .......... 5.39

MORE ABOUT THE FABRIC:
First of all, use a firm, even double
beat, and keep your beat as even as is
possible.

Secondly, the only problem we had in
the weaving of this is the fact that the
heavy English rug wool comes in about
3½ oz. skeins, and this itself is divided
into 4 smaller hanks. Thus, because of
the short length of these hanks, there
were quite a few knots in the warp.

When we came to one of these, we would
hang a spool over the back with a replace-
ment thread, and replace the one with the
knot in it, until it was long enough to
put back in without tying a knot.
DAMASK DREAM:
Our sample this month is a 10 harness, 2 block damask weave, which features a new single ply linen we have just purchased.

WARP:
Our warp is a 12/1 bleached white linen, which is one of the few linens spun here in the United States. This is a single ply, line linen, that is evidently a wet-spun linen, and an excellent one for warp or weft.

WEFT: We used the same 12/1 bleached white linen for weft, as we used in the warp.

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

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DRAFTS AND DESIGNS

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Volume 12, Number 5 – January, 1970

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TREADLING SEQUENCE:

1. Treadle #1 - 12/1 white linen
2. Treadle #2 - 12/1 white linen
3. Treadle #3 - 12/1 white linen
4. Treadle #4 - 12/1 white linen
5. Treadle #5 - 12/1 white linen

Repeat these first five treadles a total of 5 times, until you have 25 shots. Then you proceed to the 2nd block of this two block damask.

26. Treadle #6 - 12/1 white linen
27. Treadle #7 - 12/1 white linen
28. Treadle #8 - 12/1 white linen
29. Treadle #9 - 12/1 white linen
30. Treadle #10 - 12/1 white linen

Repeat these 5 threads (26 through 30) four times, until you have 20 shots. This is the treadling that makes the square block in the damask.

TOTAL OF 45 THREADS IN ONE PATTERN REPEAT. REPEAT OVER AND OVER AS IS DESIRED.

MORE ABOUT THIS FABRIC:

This linen has a beautiful sheen, and with each continued washing and ironing, it should look a little richer and more luxurious. We seldom find this nice a quality, single ply linen, and this one makes an excellent warp or weft thread.

Another thing about this for the use in the 2 block damask, is that using a single ply linen for both warp and weft, will make a much softer fabric than if you used a 2 ply linen for warp.

We had no broken selvage threads, did not need to use a temple or stretcher, and had no problems in the weaving of the fabric.

COST OF THE THREADS USED:

This beautiful quality linen comes on approximately 2 lb. tubes, and it is a good buy at $3.20 per lb. It is sold by the cone or rather tube only. It has 3600 yards per lb., and is excellent for either warp or weft.

COST OF THE FABRIC:

We had an 8 yard warp, 42" wide at 30 threads per inch. It took 2 lbs. 13 oz. of this linen for the warp. So the total warp cost for 8 yards was $9.00. The cost per yard is thus $1.13 per yard.

In the weft, we ended up with 6 yards and 30 inches of fabric. It took 2 lbs. and 5 oz. of the 12/1 linen for the weft. Thus the total weft cost was $7.40 or the cost per yard was $1.09.

I am going to revise the warp cost, to include the loom waste in the cost of the 6 yards of finished fabric, to give you a true idea of the cost of the fabric. With 6 yards and 30" of finished fabric, we will figure the warp cost from this, and come up with a figure of $1.32 per yard for the warp in the finished fabric.

WARP COST PER YARD........... $1.32
WEFT COST PER YARD.......... 1.09
FABRIC COST PER YARD........ $2.41

DELAYS - DELAYS - DELAYS

Yes, we hope you will excuse our tardiness. We wove two unsatisfactory fabrics, fell behind further with the flu, and then a rush of business has put us further behind. We hope to be back on full schedule by the late March issue.
THREE ROSEPATH COMBINATIONS

Our sample this month combines one unit of 8 harness Rosepath, with two units of 4 harness Rosepath, in a linen weave, for drapes, or for table linens.

WARP: Two linen threads as follows:

X - 10/2 Natural Irish Linen
0 - 12/1 Bleached American Linen

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

REED USED: WE USED A SPECIAL SLEYING OF THE REED, AS FOLLOWS:

1. For the 10/2 Natural Irish Linen in the warp, we sleyed it 1 end per dent.
2. For the 12/1 Bleached American Linen we sleyed it 2 ends per dent.

The reed used, was a 15 dent reed, and it was single sleyed with heavy thread, and double sleyed with the fine thread.

KEY TO THREADS IN THE THREADING DRAFT

X - 10/2 Natural Irish Linen
0 - 12/1 Bleached American Linen

THREADING DRAFT:

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X - 10/2 Natural Irish Linen
0 - 12/1 Bleached American Linen
31. Treadle #6 - 10/2 Natural Linen
32. Treadle #5 - 10/2 Natural Linen
33. Treadle #4 - 10/2 Natural Linen
34. Treadle #3 - 10/2 Natural Linen
35. Treadle #2 - 10/2 Natural Linen
36. Treadle #1 - 10/2 Natural Linen
37. Treadle #8 - 12/1 Bleached Linen
38. Treadle #7 - 12/1 Bleached Linen
39. Treadle #6 - 12/1 Bleached Linen
40. Treadle #5 - 12/1 Bleached Linen
41. Treadle #4 - 12/1 Bleached Linen
42. Treadle #3 - 12/1 Bleached Linen
43. Treadle #2 - 12/1 Bleached Linen
44. Treadle #6 - 12/1 Bleached Linen
45. Treadle #7 - 12/1 Bleached Linen
46. Treadle #8 - 12/1 Bleached Linen

END OF ONE COMPLETE PATTERN REPEAT.
Repeat over and over as desired.

COST OF THE THREADS USED:
The 10/2 Natural Irish Linen, is a beautiful new Irish Linen that we have just imported. It comes on 1 lb. tubes, and has 1500 yards per lb., and has a special twist for weaving, so that it is not as stiff as some linens are.
The 12/1 Bleached White American Linen comes on about 2 lb. tubes, and it has 3600 yards per lb. It is sold by the tube only, and this is a special price, as we have just 100 lbs. of this thread available. Price is $3.20 per lb. This Linen has the proper twist, so that it can be used for either warp or weft.

COST OF THE FABRIC:
We had an 8 yard warp, 42" wide, and it took 2 lbs. 8 oz. of the 10/2 Natural Irish Linen, and 1 lb. 2 oz. of the 12/1 Bleached American Linen for warp. Thus, the total warp cost was $14.23, or the cost per yard was $1.78 per yard, for the 42" width.
In the weft, it took 14 oz. of the 12/1 white linen, and 3 lbs. of the 10/2 Natural Irish Linen, or the total weft cost in 7 yards of finished fabric was $15.55. The cost of the weft per yard was $2.22.

WARP COST PER YARD.......................$1.78
WEFT COST PER YARD.....................2.22
FABRIC COST PER YARD...................$4.00

MORE ABOUT THE FABRIC:
First of all, we did use a rather firm even, double beat. Be sure to beat, change to the next shed and leave the shed open and then beat again before you throw the new weft thread.
SIX HARNESS OVERLAY
An interesting 6 harness fabric that we have seen used for coat material and for decorative fabrics lately.

WARP
There are two threads used in the warp. X is the 18/2 Fabri type worsted from England. It has 4800 yards per lb. 0 is the single ply slub wool, which is in the silver grey color. It has been spun to resemble the Mexican handspun wool, for use in ponchos and other fabrics of that type.

WEFT
The heavy slub wool in silver grey is one of the weft threads, while the 2nd weft thread used for the main background is the 2/18's Fabri-type worsted in a color called Saffron Gold.

REED USED
A 10 dent reed was used, and it was double sleyed, 2 ends per dent, or 20 threads per inch. The heavy slub was sleyed 2 per dent, as well as was the 2/18's in Light Turquoise worsted.

THREADING DRAFT:

| 5 | X | X | X | X |
| 4 | X | X | X | X |
| 3 | X | X | X | X |
| 2 | 0 | 0 | 0 | 0 |
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KEY TO THREADS IN THE WARP
X--18/2 Fabri-type Worsted, Lt. Turquoise
0-- Slub wool, silver grey, made to resemble Mexican Handspun wool.
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TREADLING SEQUENCE: A B

Treadle #3 - 2/18's Saffron Gold
Treadle #4 - 2/18's Saffron Gold
Treadle #3 - 2/18's Saffron Gold
Treadle #4 - 2/18's Saffron Gold
Treadle #3 - 2/18's Saffron Gold
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Treadle #3 - 2/18's Saffron Gold
Treadle #4 - 2/18's Saffron Gold
Treadle #3 - 2/18's Saffron Gold
Treadle #4 - 2/18's Saffron Gold
Treadle #3 - 2/18's Saffron Gold
Treadle #4 - 2/18's Saffron Gold
Treadle #5 - Silver Grey Slub Wool
Treadle #6 - Silver Grey Slub Wool
Treadle #5 - Silver Grey Slub Wool
Treadle #6 - Silver Grey Slub Wool
Treadle #5 - Silver Grey Slub Wool
Treadle #6 - Silver Grey Slub Wool

End of one complete pattern repeat. Do repeat over and over as desired. There are 24 shots in one complete pattern repeat.

COST OF THE THREADS USED:

The heavy slub wool, made to resemble a Mexican hand-spun wool, has about 1100 yards per lb. At present, it is available in only 4 colors, SILVER GREY, DARK BROWN, LIGHT TAN, AND AVOCADO GREEN. It is not always available, but we do have one company that will sell us their surplus in this yarn from time to time. The price is a very reasonable one at $3.20 per lb.

The 18/2 Fabri-type Worsted yarn is available in 18 colors, and after April 15th, we will have our 20 new colors, and one old one we were out of, or we will have a total of 39 different colors available at that time. It comes on 1/2 lb. tubes, has 2400 yards per tube, or 1800 yards per pound, and the price is $6.80 per lb.

COST OF THE FABRIC

We had an 11 yard warp, 1/2" wide, on the loom. From this, we received a total of 9-2/3 yards of finished fabric.

It took 1 lb. 5 1/2 oz. of the 2/18's in Light Turquoise, and 2 pounds and 9 oz. of the silver grey slub wool for the warp. This makes the total warp cost for 11 yards of 1/2" width come to $17.55, or the breakdown of cost per yard brings it to $1.59 per yard for the warp.

In the weft, we used 1 lb. 8 1/4 oz. of the Saffron Gold 2/18's, and we used 1 lb. 15 oz. of the Silver Grey slub wool. Thus our total weft cost for 9 2/3 yards of fabric was $16.12 or the cost per yard was $1.75.

WARP COST PER YARD - 1/2" ............... $1.59
WEFT COST PER YARD ................. 1.75
FABRIC COST PER YARD ............... $3.34

SOURCE OF IDEA FOR THIS FABRIC

Walking along the street in Portland one day, I saw a coat with a similar fabric, only using all smooth threads in heavy and fine weight. I was so intrigued, that I stood there for about 1/2 hour trying to analyze it in my mind, and trying to improve upon it. Then I came home and put a sample swatch on the loom of about 6 different color combinations. I liked many of them, and I thought the red-grey-blue combination I had was one of the most striking. However, there were so many I did like that I finally settled on one color combination that I hoped all of you would enjoy. I did change the fabric slightly, in that the grey is tied down a little more firmly than on the coat material I saw, and also I do feel that the slub wool creates more interest than did the smooth wool.

MORE ABOUT THIS FABRIC

We had no problems in the weaving of this fabric. We had both weights of yarn in the warp on one warp beam, and I thought it might give some trouble here because of the extreme contrast in size of the 2 warp threads, but this did not create any problem.
ORANGE FLAME:
This is an interesting 8 harness Warp Face weave, which was adapted from a Four Harness Profile of the Star of Bethlehem overshot pattern.

WARP: Two colors of Egyptian Cotton were used in the Warp.
  X - 20/2 Indian Orange Egy. Cotton
  O - 20/2 Toboggan Egy. Cotton

WEFT: There were two threads used in the Weft as indicated herewith.
  A - 20/2 Mercerized Ramie, Honey Dew Maize, which is the pattern thread.
  B - Metallic Boucle, Luminex, called Orange Sherbet which is the binder thread.

REED USED:
A 15 dent reed was used, and it was sleyed 4 ends per dent, or 60 threads per inch.

MORE ABOUT SLEYING OF THE REED:
Please be sure to note that you should have two dark and two light threads in each dent of your 15 dent reed.

COST OF THE THREADS USED:
1. 20/2 Egyptian Cotton, comes in about 90 colors, and is $2.75 per 1/2 lb. tube. Has 8400 yards per lb.
2. 20/2 Mercerized Ramie, comes in 1 lb. cones, has 3,000 yards per lb., and is $5.40 per lb.
3. Luminex comes in 11 colors, has 500 yards per tube, and is $1.35 per tube.

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Volume 12, Number 8, April, 1970

AN IMPORTANT NOTE ABOUT THIS PATTERN
It is important that you have a light and dark thread in your threading of the pattern. The X in the threading draft is the dark color, and the O in the threading draft is the light color. We used two colors too close together in value in this sample I feel, and your pattern would be more outstanding if you used more of a contrast in colors.

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THREADING PLAN:
Thread A to B over and over and then on your last repeat of your pattern A to B, you then thread B to C to balance the pattern. If you start threading from the right side of the loom, as you read the draft from right to left, you will have the unit of B to C just one time, on the left selvage edge.

Note that all the dark threads appear on harnesses 1,3,5,7, and they create the pattern, and all the light threads appear on harnesses 2,4,6,8, and they create the background.

NOTE IN EXTENDING FROM 4 HARNESS TO 8 HARNESS PATTERN:
1. Threads on harness 1 in the 4 harness pattern extend to 1,2,1,2 in 8 harness pattern.
2. Threads on harness 2 in the 4 harness pattern extend to 3,4,3,4 in the 8 harness pattern.
3. Threads on harness 3 in the 4 harness pattern extend to 5,6,5,6 in the 8 harness pattern.
4. Threads on harness 4 in the 4 harness pattern extend to 7,8,7,8 in the 8 harness pattern.
OH CHRISTMAS TREE, OH CHRISTMAS TREE

Our sample this month is done on a Summer and Winter threading draft, with just one tie-down, in 12 harnesses.

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WARP THREADS USED:

Our warp is the 50/3 sewing thread or fine weave thread in #173, Light Scarlet.

WEFT THREADS USED:

In the weft, we have two different threads which we used. One was the same thread as the warp, the 50/3 in Light Scarlet, which is used as the binder or tabby thread. For the pattern thread, we used a rayon floss type thread in the natural called 6/3 Rayon.

REED USED:

A 16 dent reed was used, and it was triple sleyed, 3 ends per dent, or 48 threads per inch.

TREADLING SEQUENCE:

In our treadling sequence, I'm going to try and short cut it by saying that when I say 1X, this means 4 threads as follows:

B - Tabby thread
4 - Pattern thread
A - Tabby thread
4 - Pattern thread

Continuing on, if I say 2X in the treadling, then it means these 4 threads repeated 2 times or 8 threads. One more thing about the treadling. In one complete pattern repeat, there are 4 times when we use two treadles together as the pattern
This is the end of one complete pattern repeat. It means also that there are 188 threads on one complete pattern repeat. This means both tabby and the pattern threads.

TO MAKE THE PLAIN WEAVE AREAS BETWEEN PATTERN REPEATS, you treadle B, X, A, X. On the B and A you use a regular tabby thread and on the X you use a pattern thread. You repeat this B, X, A, X sequence over and over as desired.

MORE ABOUT THIS THREADING SEQUENCE

On this sequence that we have given you, this will weave so that the correct treadle, and an example is "2 + 3"----1X--

This means that you use B-tabby, "2 + 3" pattern, A-tabby, "2+3" -pattern. This means that you still have just 4 threads in that sequence.

1. Treadle #4---------- 2 times
2. Treadle #2 + #3------ 1 time
3. Treadle #1---------- 2 times
4. Treadle #7 + #8------ 2 times
5. Treadle #9---------- 2 times
6. Treadle #13-------- 2 times
7. Treadle #12-------- 2 times
8. Treadle #13-------- 2 times
9. Treadle #12-------- 2 times
10. Treadle #11-------- 2 times
11. Treadle #10-------- 2 times
12. Treadle #7 + #8------ 2 times
13. Treadle #9---------- 2 times
14. Treadle #8---------- 2 times
15. Treadle #7---------- 2 times
16. Treadle #6---------- 2 times
17. Treadle #5---------- 2 times
18. Treadle #2 + #3------ 2 times
19. Treadle #4---------- 2 times
20. Treadle #2---------- 2 times
21. Treadle #3---------- 2 times
22. Treadle #1---------- 2 times
23. Treadle #2---------- 2 times
24. Treadle #1---------- 2 times

pattern weaves on the underside of the fabric. The reason for this, is to make the lifting of the harnesses as easy as possible, and to simplify the treadling. On any jack-type loom when weaving like this, you will find that harness #2 has a tendency to float. So, to counteract this, you will have to weight harness #2 somehow, so that it does not float. Some people use springs, others use weights, etc.

MORE ABOUT THIS FABRIC:

First of all, this pattern could be made much, much smaller if you used a finer pattern thread like a 6 strand floss, etc. However, as we did have the 6/3 rayon floss type thread available, we went ahead and used it.

We have the threading draft marked off A to B to C. A to B is the plain weave area between trees, and can be made as large as desired. B to C is the pattern of the tree.

We also had some trouble with the right selvage and the divider between the rows of trees. The pattern thread following the B tabby, in the plain
weave area between rows of trees, the pattern thread has to be caught around a selvage thread. We had no problems at all with the left side, but just on the right, and this was the way it was solved.

You will notice that there is a lot of take-up in the warp in this pattern. As we started with an 8 yard warp, and were able to obtain only 6 yards of finished material. This shows the amount of take-up in the pattern.

COST OF THE THREADS USED:

The fine weave cotton in size 50/3 does come in 36 different colors. It comes on 6,000 yard tubes, and the price is $2.30 per tube. It is about 1/2 lb. The 6/3 rayon floss keeps going up and up. It is now $4.80 per lb., and can be purchased in 4 oz. tubes at $1.25 per 4 oz. tube.

COST OF THE FABRIC:

We had an 8 yard warp, 40 inches wide and it took approximately 2 spools of the fine-weave 50/3 cotton, or the cost of the 8 yard warp was $4.60. Thus, our warp cost per yard was 58¢ per yard.

We received 6 yards of finished fabric from this 8 yard warp. In this, it took 7 oz. of the 50/3 cotton, and it took 1/4 lbs. 6 oz. of the 6/3 rayon floss. Thus, the weft cost for 6 yards was $23.30, or the cost per yard was $3.90 per yard for the weft. This was enough to make approximately 400 samples, the size of your sample, with 2 Christmas trees on each of these 400 samples.

WARP COST PER YARD, 40" WIDE.... $ .58
WEFT COST PER YARD............ 3.90
FABRIC COST PER YARD............ $4.48

More about the fabric.
PLAN FOR WEAVING

Notice in the tie-up draft that we have 4 units, A, B, C, and D. To weave these units, you treadle as follows:

Unit A - Treadle 1, Pattern; 2, Binder
Unit B - Treadle 3, Pattern; 4, Binder
Unit C - Treadle 5, Pattern; 6, Binder
Unit D - Treadle 7, Pattern; 8, Binder

TREADLING SEQUENCE:

In the treadling, you treadle each of the units A, B, C or D, once if I list it one time, or twice if I list it two times.

Treadle A, B, C, D, C, B, A.
Treadle D, D, C, C, B, B, A, A.
Treadle D, C, B, A, B, C, D.
Treadle A, A, B, B, C, C, D, D.

Repeat this treadling over and over, and then on your last pattern repeat to balance, you treadle A, B, C, D, C, B, A.

There are a total of 60 threads in each pattern repeat that you repeat over and over. On your last pattern, when you are balancing it to complete your fabric, you will have 74 threads in the last pattern repeat only.

SOURCE OF THIS PATTERN:

This pattern appeared in the Pinellas Weavers' Guild bulletin, and the adaptation of the pattern was done by one of their members, Ruth Rummler. I was so impressed with it that I thought it would be fun to share it with all of you.

THIS TECHNIQUE MAY BE USED ON ANY 4 BLOCK PROFILE, OR AN OVERSHOT DRAFT CONVERTED TO PROFILE. More than one unit may be woven in pattern at the same time. More than 2 colors may be used, solid stripes, small motifs on light background, etc.
MONDAY BLUE AND OLIVE GREEN:

Two colors of 2/18's worsted are combined in this sample to show you one of Marian Powell's shadow weaves.

WARP THREADS USED:

The warp threads are our 2/18's worsted in the Fabri-type worsteds. They have about 4800 yards per lb., come on cones of 8 to 12 oz. each, and the price is $6.80 per lb.

WEFT THREADS USED:

The same two threads are used in the weft, as are used in the warp.

REED USED:

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

WIDTH ON LOOM:

Our fabric was set-up, 42" wide on the loom. When it came off the loom, it was 40" wide, and when it was washed and pressed, it was 38" wide.

COST OF THE FABRIC:

It took 1 lb. 3 oz. of each of the two colors of the 2/18's worsted for a 9 yard warp. This meant 2 lbs. 6 oz. of the 2/18's cost $16.15 or the cost per yard was $1.80 per yard.

In the weft, we used 1 lb. 2 oz. of each of the two colors of 2/18's worsted. Thus our weft cost in 7-3/4 yards of fabric was $15.30, so the weft cost per yard was $1.98 per yard.

| WARP COST PER YARD | $1.80 |
| WEFT COST PER YARD | 1.98  |
| FABRIC COST PER YARD | 3.78  |

TREADLING SEQUENCE:

The treadling sequence is exactly the same as the threading draft, and you use the same colors as indicated in the draft. Perhaps I should write it out, even though it is 90 threads long.
DRAFTS AND DESIGNS
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VOLUME 12, NUMBER 10, JUNE, 1970

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KEY TO THREADS IN THE WARP:
0--2/18's worsted, Olive Green
X--2/18's worsted, Blue Monday

TREADLING:
1. Treadle #1, Olive Green
2. Treadle #2, Blue Monday
3. Treadle #3, Olive Green
4. Treadle #4, Blue Monday
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26. Treadle #26, Blue Monday
27. Treadle #3, Olive Green

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70. Treadle #2,  Blue Monday
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73. Treadle #8,  Olive Green
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84. Treadle #8,  Blue Monday
85. Treadle #7,  Olive Green
86. Treadle #6,  Blue Monday
87. Treadle #5,  Olive Green
88. Treadle #4,  Blue Monday
89. Treadle #3,  Olive Green
90. Treadle #2,  Blue Monday

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