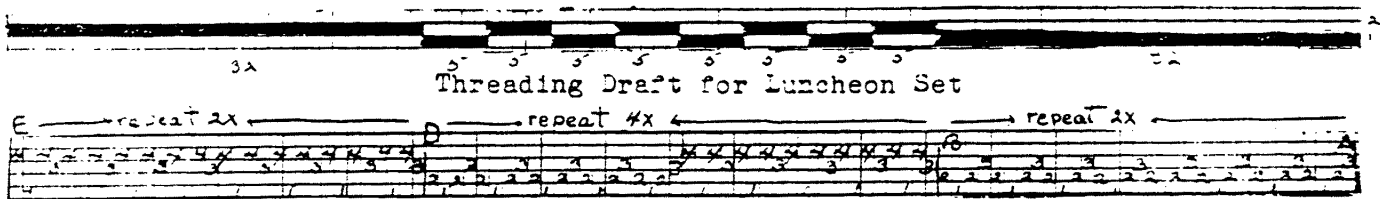


# Handweaving News

Two block Key Draft Figure No.1



Modern Effects with "Summer & Winter" Weave.

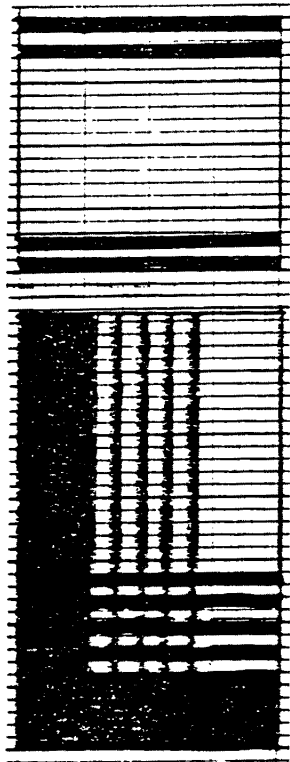


Figure No.3

Of late some of my Wayne University people have been experimenting to design modern effects with Two block Patterns. Some of the results I am happy to present to you here, and hope you will find them of interest.

Types of Pattern. The key drafts for these are all of unequal balance, or in other words are a full repeat for the width of the loom. They do not center as Colonial patterns do. It is easy to draw out the pattern effects from the key drafts on 20 to the inch cross section paper. Then the same proportions can be translated into inches and followed when weaving the required sheds. Designs at Figure No.2 and 3 are drawn down from Key draft at Figure No.1, but reduced to one unit for every five of the original key draft so as to conserve space here, and yet show the pattern effects. Designs for napkins are above the place mat.

Materials used for these luncheon sets. Warp 420 threads of No.20 mercerized cotton set at 30 threads to the inch. Pattern weft for No.2 was of pale yellow mercerized cotton, and for No.3 pale pink, both purchased from Lily Mills Co, and size No.20. The plain weave tabby was of 30/3 fine rayon, a special from Penland School of Handcrafts, Penland, N.C.

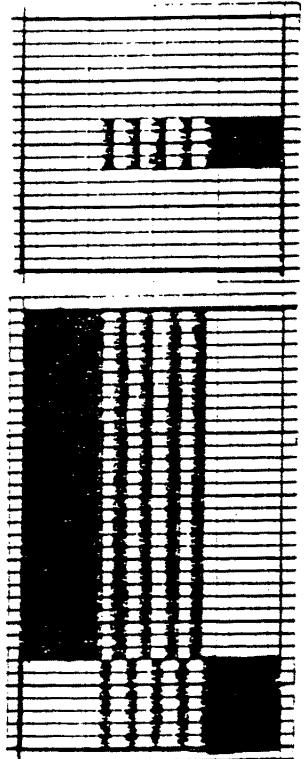


Figure No.2

Explanation of Threading Draft below Key Draft at Figure No.1. Begin at A on the threading draft. Put 2 warp threads through the first two heddles only. Then thread to B as given on the draft, then repeat from A to B again. This gives the required 30 units of 4 threads each as per the key draft. Now thread from B to D four times. Then D to E twice. Thread the last two heddles double as in the beginning.

Units of the Weave. Note that one pattern block is threaded on harness 7,8,1,2 or four threads for each unit of the cross section paper key draft. And for the second pattern block thread harness 3,4,1,4, for each unit of the key draft. This method of threading "Summer and winter" patterns is one of my own devising. It is written this way so the plain weave sheds will be 1&3 and 2&4, and also the regular loom tie-up does not need to be changed. It seems more logical to me to do it this way.

Method of Weaving. Figure No.2 and No.3. The "one and one" method of weaving is used for both of these luncheon sets. Or in other words weave one shot of pattern weave on pattern shed 3&4, a shot of A tabby, one shot of pattern weave on pattern shed 1&4, then a shot of B tabby. Repeat this over and over for the distance desired. For Figure 2, weave 3/4" for hem of plain weave, then 12 1/2" of pattern shed as just described. Then for the second pattern shed, weave one shot of pattern weft on pattern shed 1&3, one shot of A tabby, one shot on pattern shed 2&3, one shot of B tabby. Repeat for 5", then weave 3/4" plain weave for the hem. For the napkin weave 5 1/2" of plain weave tabby weft, then two inches on pattern sheds 1&2 and 2&3, with plain tabby after each shot as described, then 6 1/2" of plain weave. This makes a very attractive place mat and napkin.

Figure No.2 and No.3 were designed and woven by Mrs. Helen Hill.

Weaving for Figure No.3, Page 1. The napkin has two pattern weave stripes on each end and is woven as follows. Numerals refer to levers of the Cornish loom, for looms with a sinking shed, use just the opposite harnesses. Weave  $\frac{1}{4}$ " plain weave for the hem. Then for the continuous pattern stripe;- weave harness 1 alone with pink, then A tabby plain weave, 3 alone with pink weft, B tabby plain weave. Repeat for  $\frac{1}{4}$ ". Then weave the opposite stripe for  $\frac{1}{4}$ " as follows;- 2&3 one shot of pink weft, A tabby plain weave, 1&4 one shot of pink weft, B tabby plain weave. Repeat the first stripe for  $\frac{1}{4}$ " more, then weave 9" white plain weave tabby. Repeat the three stripes on the opposite end in the same manner as described, and weave  $\frac{3}{4}$ " more plain weave for the hem. This is a simple plain napkin but is very attractive.

Weaving of the place mat at Figure No.3, on Page 1. Weave  $\frac{3}{4}$ " plain weave for the hem. Then 1), weave one shot on harness 1 alone, A tabby, one shot on harness 3 alone, B tabby, repeat this for 4" for the solid border at the bottom of Figure No.3. Then 2), Weave 1 shot on harness 3&4, A tabby, one shot on 1&4, B tabby. Repeat this enough times to make  $\frac{3}{4}$ " square. Repeat 1) and 2) for a total of 4 times, as shown at Figure No.3. Then repeat 2) for 9" and finish with a  $\frac{1}{4}$ " plain weave hem. Many other arrangements of this simple threading can be made in the same way, and this offers an interesting field for the weaver who wishes to use an old technique in a new way.

Luncheon Set Designed by Mrs. Flora Holden for a Warp of 300 Threads.

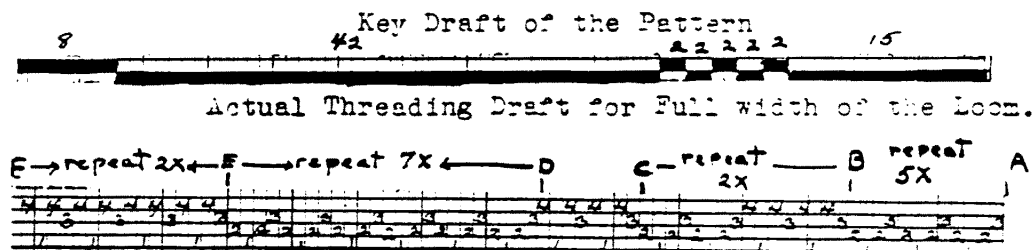
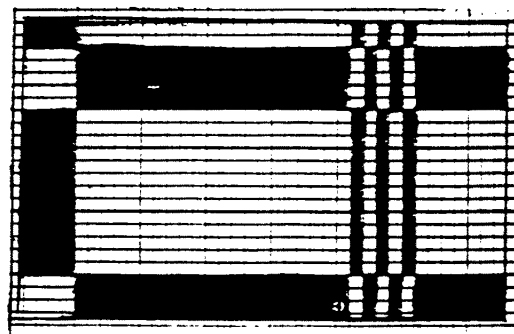
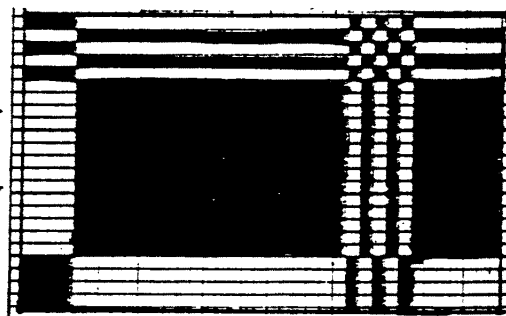


Figure No.4

This pattern at Figure No.4 is of the same type but planned a bit differently. The warp was regular cotton knitting-cotton set at 15 to the inch, and 300 threads for the width. The key draft and threading draft were planned for 300 threads as shown above. The pattern weft was a rather coarse gray cotton mercerized boucle, and the plain weave tabby was of material like the warp. This set was much heavier and of quite different texture than the one shown at Figure No.2 and 3. It also could be woven in many other arrangements of the pattern. No napkin is shown, but several attractive arrangements are possible on this same draft. The finished dimensions of this place mat are 13"x18" hemmed.



The top design of Figure No.4 was woven in "one and one" method also. To weave this, use one shot of gray on harness 2&3, A tabby, one shot on harness 1&2, B tabby. Repeat 5 times. This weaves pattern block No.1. For pattern block No.2, use one shot on harness 3&4, A tabby, one shot on harness 1&4, B tabby. Repeat this 5 times for pattern block No.2. Repeat again pattern block 1, then again pattern block No.2, then pattern block No.1 again. Pattern block No.2 weaves the large center block and is repeated for 7". Then weave pattern block No.1 for 2", and finish with enough plain weave for the hem.

For further ways of using the technique of "Summer and Winter" refer to the March 1941 copy of Handweaving News which is still available if anyone wishes to have it at 45¢ each.

## The Key Drafts for Similar Patterns.

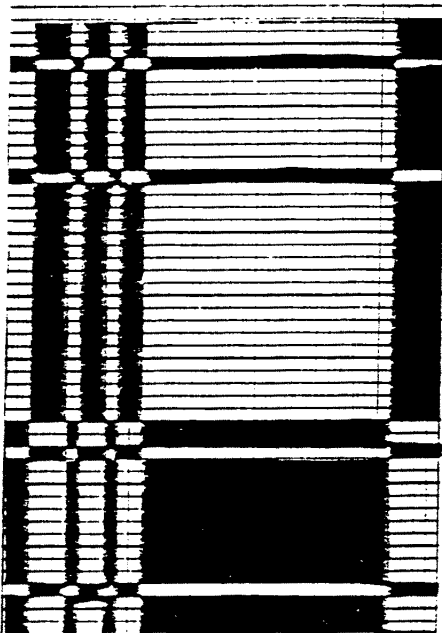
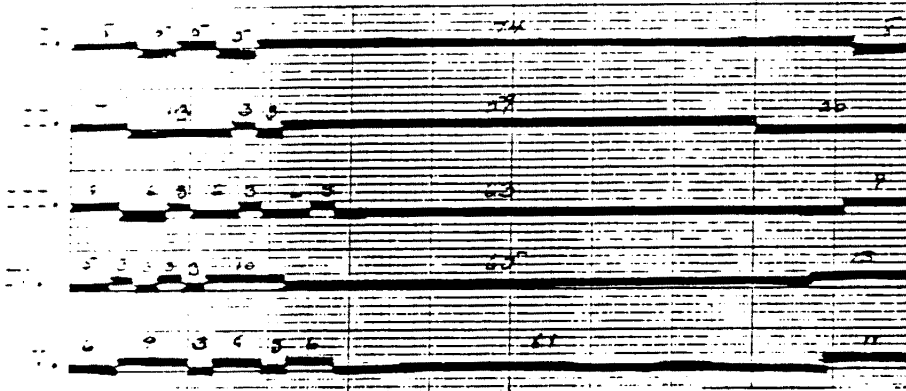


Figure No. 5

The pattern effect at Figure No.5 was designed and woven by Thaddeus Zlotock, a student in my Wayne University class. This two block pattern can be woven in the "Summer and Winter" weave as has been described on Page 1 and 2. But his arrangement was woven in an eight harness damask weave, which may also be of interest to those of you who have looms of more than four harnesses. It is another way in which these two block unbalanced "modern" arrangements may be used. For this use 40/2 linen warp set 30 threads to the inch. Weft of the same in natural linen. 420 threads required for the full width of the pattern or 105 units. For each unit one square of cross section paper 20 to the inch was used. Thread one pattern block on harness 1, 2, 3, and 4; repeat 11x. Thread the second pattern block on harness 5, 6, 7, and 8, repeat 61x for the large block. Then block one repeated 6x, block 2 repeated 3x, block 1 repeated 6x, block 2 repeated 3x, block 1 repeated 9x, and block 2 repeated 6x. This is shown on key draft above at No.5.

Method of Weaving the 2 block 8 harness Damask.

To weave pattern Block I, use levers of the Structo loom as follows, - one shot on each shed, - 1&2&4&6; 2&3&4&8; 1&2&3&5; 1&3&4&7. For Block II, use levers as follows, - one shot on each shed, - 2&5&6&8; 4&6&7&8; 1&5&6&7; 3&5&7&8. To weave the place mat as shown at Figure No.5, proceed as follows, - Weave a hem of plain weave for  $\frac{1}{2}$ ", then repeat Block I for  $\frac{11}{8}$ " one and one-eighth inches; then  $\frac{1}{8}$ " for Block II;  $\frac{4}{8}$ " for block I;  $\frac{61}{8}$ " for block II;  $\frac{6}{8}$ " for block I;  $\frac{3}{8}$ " for block II;  $\frac{6}{8}$ " for block I;  $\frac{3}{8}$ " for block II;  $\frac{9}{8}$ " for block I;  $\frac{6}{8}$ " for block II;  $\frac{1}{2}$ " plain weave for opposite hem. The weaving is given in inches so the proportions of the figure can be correctly maintained, rather than giving the exact number of times each block is repeated, as the material used would influence the number of times the block would be repeated. Any desired arrangement can be used for the napkin which will carry through the same design. The one used in weaving this was to weave the upper part of the place mat until it was square.

This News was written in response to several requests for modern arrangements for luncheon sets which could be used on either a four or an eight harness loom. They are new and all designed by students in my class at Wayne University this past fall. It would interest me very much to know how you like such material, and if you wish to have more of it. Of course these black and white illustrations are much more sharp and glaring than the woven fabric, and the difference in woven texture is not nearly as startling. I have never seen anyone else use a two block pattern design in this way. If you have, will you let me know?