



Spring
1963



SUBSCRIPTION TIME AGAIN

So that we can keep our records up to date please return as soon as possible. This would be a good time to include a picture and article for next Shuttle.

Please find 25¢ for Fall 1963 and Spring 1964 issue Shuttle.

Please find 25¢ for Adventures in Weaving on a 2 Harness Loom.

Please find \$1.00 for Fall 1963 and Spring 1964 Shuttle plus Booklet "Four Harness Primer."

Please find 25¢ for Sample Cards Warp, Rug Filler, Homecraft, All Purpose.

_____ Name
_____ Address
_____ City _____ State

Mail to The Shuttle, Box 347, Maysville, Ky.

P. S. Maybe you have guessed picture on cover is Reverend Ryan.

ATTENTION WEAVERS

The Maysville Guild has made many helpful suggestions in the past. We now would like to call to your attention:

- 1. Maysville warp is 100% cotton with no other material added to change the character of finished product. We have found warp containing 75% cotton and 25% rayon causes excess fraying in the fringe when washed.*
- 2. Maysville warp is GUARANTEED to have 800 yards per tube. Each tube wound on precision winder with counter that measures all tubes.*
- 3. Maysville warp has a label that guarantees quality. It is not Maysville warp without the label. By act of Congress under Textile Fibre Products Identification Act, all manufacturers of warp and filler are required to have a label or you can reject.*

It is possible to publish The Shuttle because so many weavers always ask for Maysville warp and filler. The editors thank you for your help.

My Dear Weaver Friends

Spring is house cleaning time and nobody needs to do it more than weavers. Let me tell you of an experience that taught me this lesson.

I had a weaver friend who taught at one of our trade schools. She also operated a large shop. She had plenty of money and all sorts of yarns fascinated her. She bought it in quantities. I never saw such a collection of types and colors. Suddenly she became ill and it was not too long until she passed on to weave on a Heavenly loom. She left behind her all these various amounts of warp and filler. Some of it, we, who had been her weaver friend, bought. I never knew what became of all of it. I vowed I'd not make the same mistake.

Recently I have been getting letters from all over the country from weavers who are saying that with thread as high as it is in price, they were having trouble in selling their products at a price that would give them any profit and asking me for suggestions. There are some rugs coming in too from over-seas that are selling much lower, giving the United States weaver keen competition. For this reason, I am using the Spring 1965 "Shuttle" to help both the 2 and the 4 harness weavers. I want you all to clean house and build up enough profit to get you on your feet and going again.

First, go over every bit of warp you have on hand. Maybe you have only a few tubes of each color—not enough to warp up a loom of any one color. All right, here's your big chance to make something that you will feel is definitely your own creation. Get one of the children to loan you their colored crayons. Select out the colors that are the same as the warp you have. Now take a plain piece of paper and combine your colors to make enough to fill a section of your loom. Start with the middle of the section and go each way putting the same number of threads of the same color on each side until you have your twenty-four or thirty warp threads. Combine your colors as tastefully as you can. Your all colored warp will be most attractive and it will use up the warp you have on hand. You can sell the articles you make for enough to buy the warp for a full threading of one color from your profit.

Attention, 4 harness weavers—try twill and rose path patterns making the threads in each of the four harnesses different. That makes a very attractive pattern and you will need only one fourth the amount for each color. Many 4 harness patterns can be arranged beautifully by combining colors instead of using only one color.

Now look at your filler that you have on hand. Try combining different weights and colors of filler. I have used Maysville Large Rug filler, the Homecraft Rug Yarn, Kentucky All-Purpose and three or four rows of carpet warp alternately in one piece. They do that a lot in Italy. That way you can combine the filler that you have on hand in these different weights and put out a very different product.

But that isn't all the house cleaning we need to do. What do you have in the house? Maybe a lot of old nylon hose. They can be used with your colored warp very attractively. One lady whose husband must have run a bath house and barber shop, found herself with a quantity of old Turkish towels on hand. She wrote me about using them and I tried it. Notice the small illustration. The old towels made a fine heavy rug.

Or it may be you have been tossing out the plastic covers that come into your home. Cut them in half inch strips and make place mats. They are most attractive.

Don't throw anything away. Men's old khaki work clothes will combine with large rug filler in autumn shades for a beautiful rug or wall to wall carpet. I saw a piece the other day that had been made by a Vermont weaver in which she had captured all the autumn colors—brown, green, orange, flame and yellow. With the khaki background this is lovely. Perhaps I have told you of the lady who was so proud of her blue and white bedroom carpet in which she used blue denim overalls and some old sheets most attractively. One of my most attractive rugs was made from an old striped mattress cover. Learn to combine the rug filler with rags. It will go so much further and brighten up your rag rugs a lot. One weaver wrote that she had taken several old tufted bed spreads and woven them into new spreads. She said unless we saw them we would never know how attractively the tufts showed up.

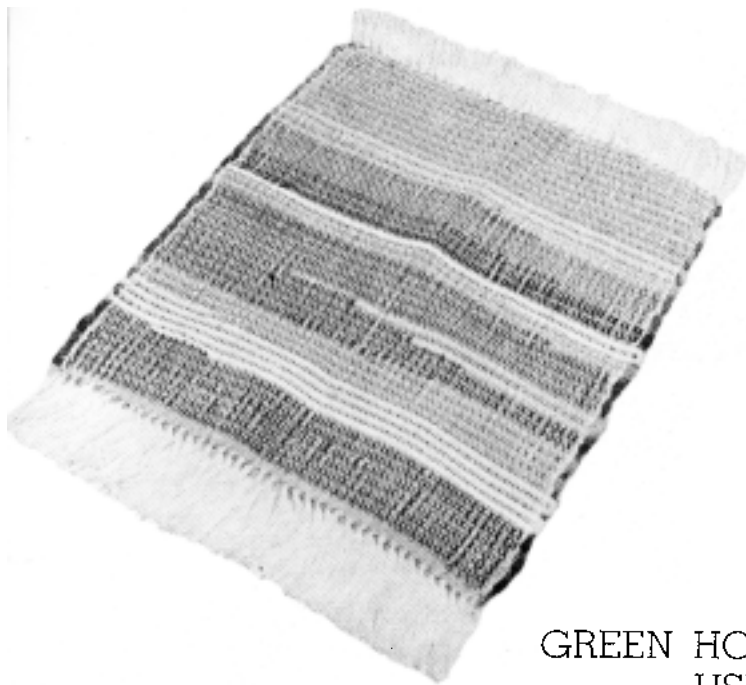
And to make extra money, do try branching out to make many more things than just rugs. We make much more money from selling place mats than we do rugs. You can use up smaller amounts of what you have on hand by making mats. As I sit here writing, I can look around my livingroom and see my drapes, that everybody has envied, made from Carpet warp in stripes of various colors, a heavy couch cover made by combining four colors in stripes of the same width, a cover on the television set made of combined colors, cushions in the chairs in two shades of green, yellow and brown, the upholstery on one piece, the cover on the large table. There is no limit to what can be done with a good loom and January and Wood warp in various colors.

Notice how I have even used the thrums. You can make knitting bags like the illustration or you have a chance to use a lot of them in a rug for borders. Small amounts of silver and gold Homecraft yarn in white combinations can be put in several inches apart and I love the Homecraft Variegated yarn in various colors to use in combination with plain colors.

Sit down and look at what you have. Use your imagination. Maybe you will need to order a few tubes of warp to put with those you have to make up the design you choose. Maybe you should order some bright rug filler to put with the darker materials you want to use. Anyway, do have a house cleaning and vow that you will use up everything you have accumulated this summer. Put your profits away and this Fall you will be able to start all over. It won't do psychologically to just sit down and look at it and feel frustrated. You can weave yourself out of the whole thing. How do I know? I've done it several times myself.

You will be writing me what a good time you had doing this special house cleaning and how many beautiful things you have made, bringing satisfaction to yourself and joy to your friends. You will be more surprised than anybody and this will be once in your life when you can be very proud of yourself. Creative ability is one of God's greatest gifts.

ALICE K. CRIPPS



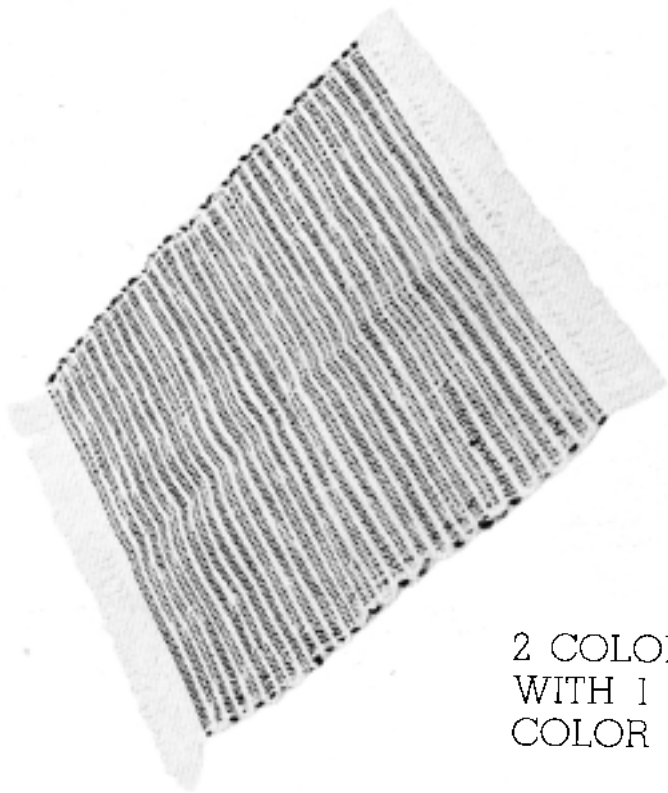
NO. I

GREEN HOME CRAFT RUG YARN
USED FOR TABBY



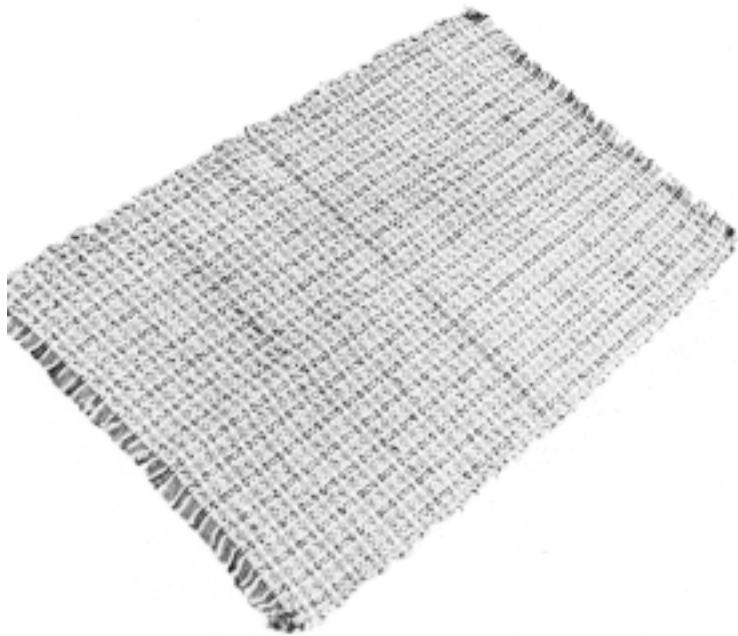
NO. II

2 SHUTTLES
2 COLORS ON EACH SHUTTLE
PLAIN STRIPES



NO. III

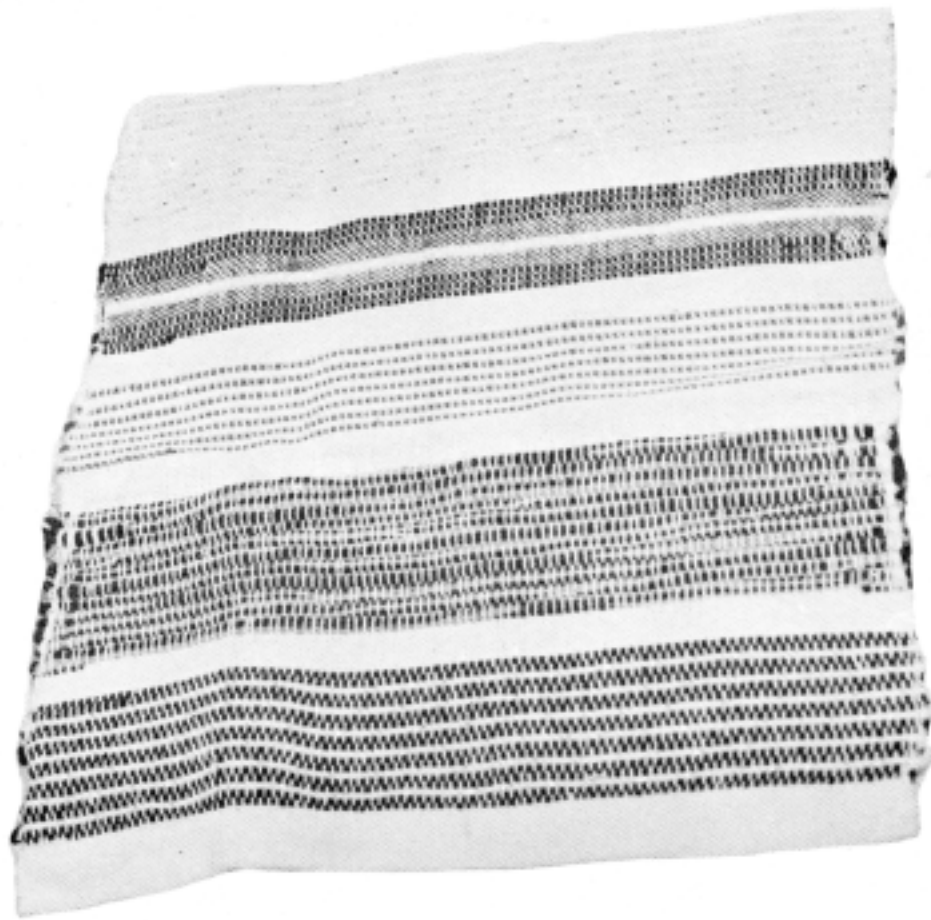
2 COLORS ON 1 SHUTTLE
WITH 1 CONTRASTING
COLOR ALTERNATING



NO. IV

3 COLORS
3 SHUTTLES
YELLOW
GREEN
VARIEGATED
GREEN

REPEAT 3 STRIPED APPEARANCE



A-

B-

C-

D-

E-

5 DESIGNS

A—2 SHOTS OF COLOR
—1 SHOT OF WHITE

B—4 COLORS WOUND
ON 1 SHUTTLE

C—1 SHOT OF COLOR
1 SHOT OF WHITE

D—3 SHOTS OF COLORED FILLER
6 SHOTS OF CARPET WARP

1 SHOT OF LARGE MAYSVILLE RUG YARN

NO. V

REVERSE

E—WHITE HOME CRAFT
WHITE AND SILVER

ALTERNATING



NO. VI

1 SHOT VARIEGATED
HOME CRAFT RUG YARN
1 SHOT CELLOPHANE



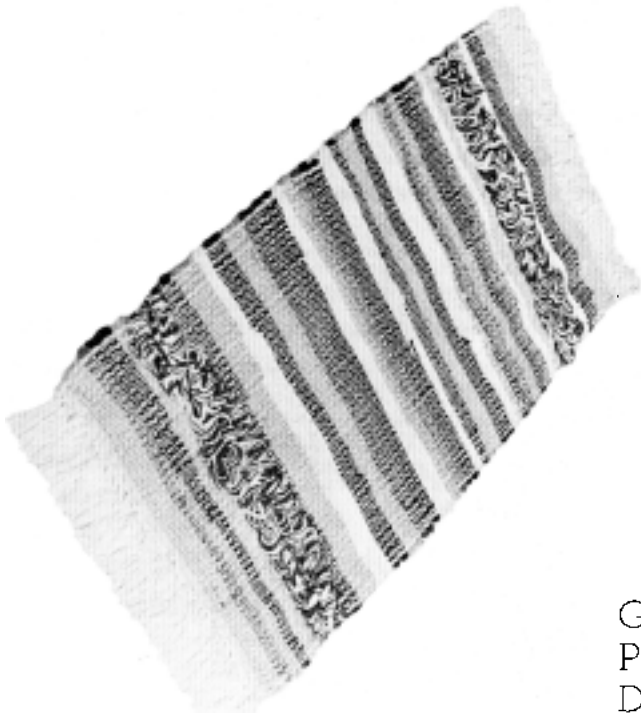
NO. VII

1 SHOT VARIEGATED
HOMECRAFT RUG YARN
1 SHOT OLD ROSE
MIXED COLORED WARP
REPEAT IN SAME ORDER



NO. VIII

OLD ROSE TURKISH TOWEL
GREY HOME CRAFT RUG YARN
ALTERNATING MIXED COLORED WARP



NO. IX

HIT MISS RUG
THUMBS FOR BORDER

GO UNDER 6 THREADS
PULL UP LOOP
DO NOT CLIP LOOPS



NO. X

KNITTING BAG
RED HOME CRAFT RUG YARN
RED AND WHITE THRUMS
9 ROWS OF THRUMS
WITH 6 ROWS OF HOMECRAFT
BETWEEN EACH ROW OF THRUMS
THRUM THROW GO UNDER
6 THREADS PULL UP LOOP
CLIP LOOPS FINISHED

COLOR CONSCIOUS PATTERN

There are so many letters that come in telling us about the problems of the weavers that we try to make the articles in the "Shuttle" as helpful as possible to the greatest number. We had letters from weavers who used nothing but all white warp. We had others that combined white and colored warp and then we had some who wanted a pattern for all colored warp.

January & Wood has published the combination white and colored pattern, the all white pattern came last Fall and now we are finishing up with an all colored pattern as we promised. You do not need to use the same colors that we have here, but you can arrange them in the order given in the pattern. We think you will like this way of combining them. You can adjust the pattern to the number of threads you need for your loom by taking out one or two of the same color on each side, leaving the pattern balanced. All colored warp shows up beautifully on white and makes a brilliant piece when combined with other colors.

We wanted to put in as many illustrations as possible to show how various fillers could be used in our Spring house cleaning so we are sending you only two rugs to illustrate the "Color Conscious" Pattern but we believe that is enough because after all when you use all colored warp, you depend on the warp for the woven article's appeal. We hope this will meet with your approval.

Sincerely,

ALICE K. CRIPPS



CONSCIOUS



REED LOOM--2½" SECTIONS

15 DENT REED--38 THREADS TO THE SECTION

WARP

6 TUBES COLONIAL BLUE

6 TUBES ROYAL BLUE

5 TUBES GOLD

8 TUBES AQUA GREEN

8 TUBES CARDINAL RED

5 TUBES BLACK



FOR 12 DENT REED--2" SECTION

WARP TUBES

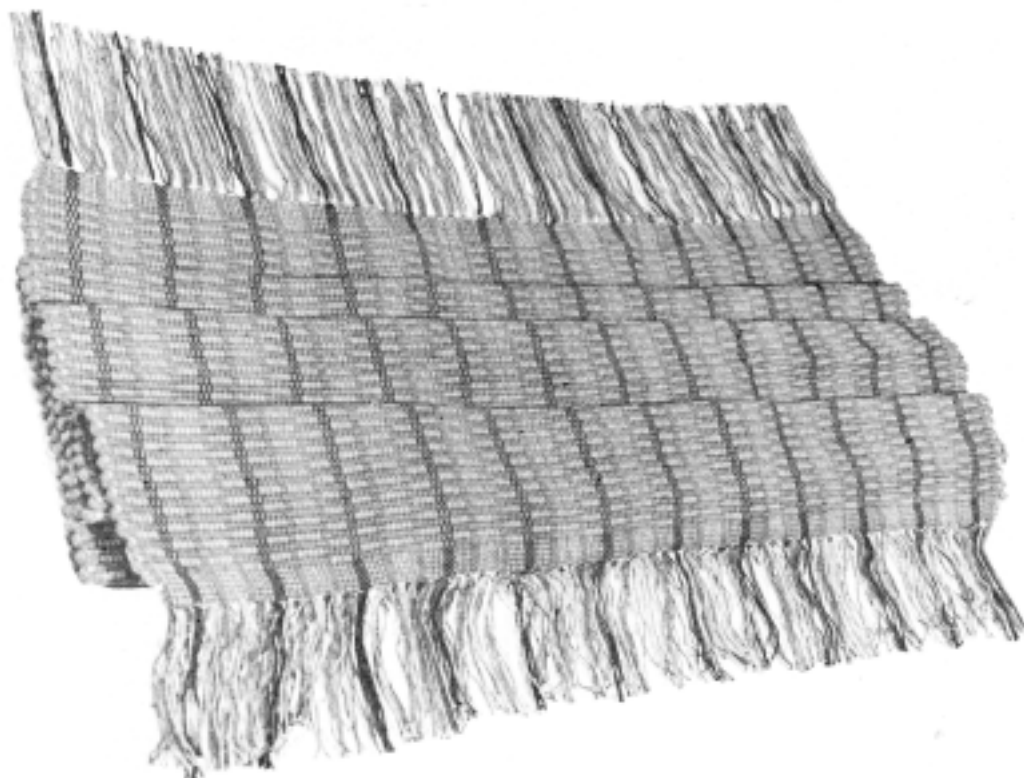
6 RED

6 GREEN

5 GOLD

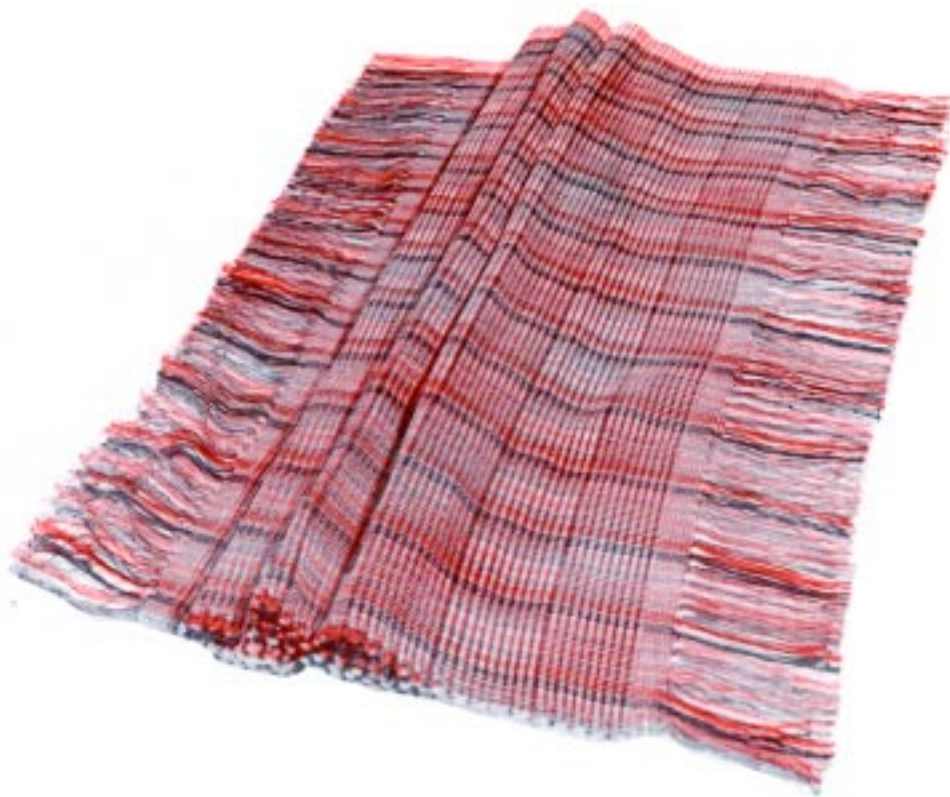
4 COLONIAL BLUE

3 BLACK



COLOR CONSCIOUS PATTERN

A
BLUE NO TABBY
PLAIN WEAVE
MAYSVILLE HEAVY RUG YARN



COLOR CONSCIOUS PATTERN

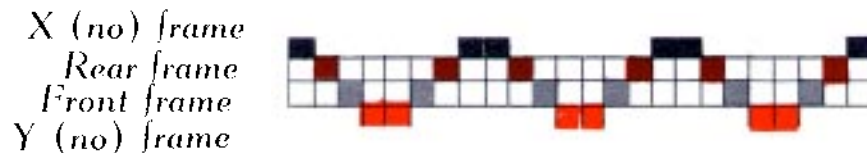
B

BLACK TABBY
GOLD MAYSVILLE FILLER
TEN SHOTS FILLER
DOUBLE TABBY
MAKING SQUARE
REPEAT FOR LENGTH OF RUG

HOW TO WEAVE THE "WAFFLE WEAVE" ON A TWO-HARNESS LOOM

Materials needed: 24 spools of MAYSVILLE carpet warp. A two-inch dowel as long as your loom is wide. A 1/4 inch board 2 1/2 inches wide and as little longer than your weaving surface is wide. A little ingenuity and determination. Carefully read these instructions before starting to weave.

Let us assume you have a 12 dent reed (that means 12 threads to the inch) on your loom. So the 24 spools of warp should be divided among the following colors as follows: (You can choose your own colors but for this threading we are going to use black, old rose (pink), maroon, and steel gray.) 6 spools of each color. Each bout of 24 threads will be put on your loom as follows:



This may seem strange to you but the black and the pink threads do not go through any heddles at all but go directly through the spaces in the reed. So when you thread up figure on using just half as many heddles as you have spaces in the reed. The maroon threads go through the heddles in the rear frame and the gray threads go through the heddles in the front frame.

After you have tied your threads up to the curtain take the two-inch dowel and put it between the threads at the rear of your heddle frames so that the black and maroon threads are on top of the dowel and the pink and the gray threads are underneath the dowel. This two inch dowel stays in this position during the entire weaving process.

Now you are ready for weaving.

You will notice now that instead of having one shed (A shed is the space between the threads that the shuttle goes through) that you have three sheds. Don't be alarmed. After you get started weaving you will find that the shuttle will go through each one of these sheds as easily as it will through one shed. Put your shuttle through the sheds in the following order:

Step one: With the rear frame up and the front frame down put the shuttle through the top shed.

Step two: With the rear frame down and the front frame up return the shuttle through the middle shed.

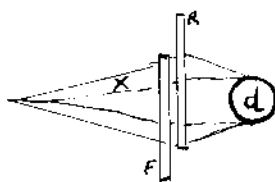
Step three: With the rear frame up and the front frame down put the shuttle through the bottom shed.

Step four: With the rear frame down and the front frame up return the shuttle through the middle shed.

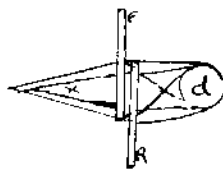
Repeat these steps until you finish your rug.

Pictorially these steps look something like this:

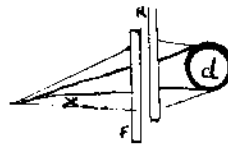
F-front frame, R-rear frame, D-dowel, X is where you put the shuttle through.



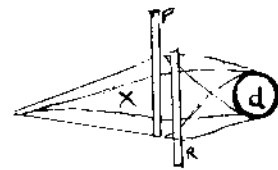
1st step



2nd step



3rd step



4th step

I have found it a great help when my shuttles are quite full to use a wooden divider to separate the sheds before I put the shuttle through. That is what the $\frac{1}{4}$ inch board is for. Round all the edges and sandpaper it smooth and wax it. Make a dull point on one end. It should look something like this.



$2\frac{1}{2}$ " wide $\frac{1}{4}$ " thick 30 to 40 inches long

This weave works beautifully with the MAYSVILLE rug yarn and certain soft rags like hose and silks cut fine but don't try it with ordinary carpet rags.

That's all there is to it. Happy weaving!

P. S.: An innovation to this is to use two shuttles with a light and a dark color like say black and yellow and alternating between the two.

LEONARD K. OLIVER

Other combinations of weaves possible with the "Waffle Weave" threading using one, two, and three shuttles. On a two harness loom.

Waffle weave—

These circles and lines represent a cross section of the rug. The circles represent the wool or rug yarn and the lines represent the warp as it crosses over each time.



1 SHUTTLE



2 SHUTTLES

3 SHUTTLES

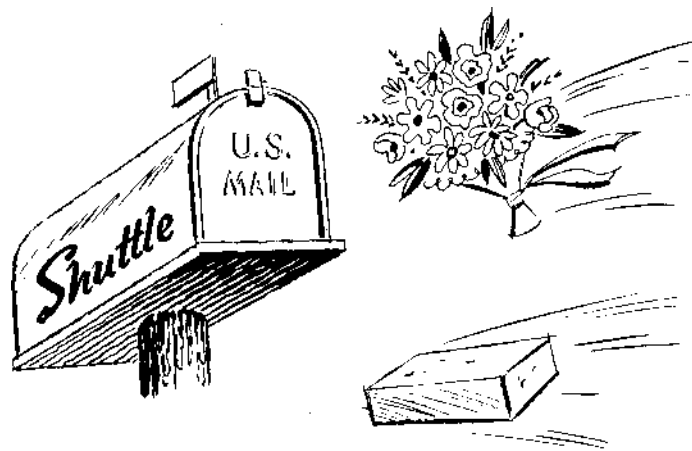


MIDDLE SHED



Use your ingenuity! Perhaps you can find some more.
Mix your colors. Use plain colors.

LEONARD K. OLIVER



Section from Our Readers



CHAPLAIN, COUNSELOR, RECREATIONAL DIRECTOR

Rev. H. E. Ryan of Indiana has many tasks to perform in his daily work. However, many of his group know him best as an excellent occupational therapist. Weaving rugs is one of his many specialties and has found that setting up several looms in different widths and different patterns gives a much greater choice to customers.

The Maysville Guild salutes Rev. Ryan for his contribution to the field of crafts. In a world that moves at such rapid speeds it requires men like Rev. Ryan to help men see the need of crafts for both young and old.

Rev. Ryan uses many types of filler including salvage from a rubber plant, loopers, rags and Maysville filler. They do not weave many custom rugs but best selling patterns are dog track, snail track, shell, big diamond and usual tabby combinations.

Last year, this small town had 42 youngsters enrolled in craft classes with no leader. Rev. Ryan asked some of his "old timers" to help teach them. They started with 10 weavers, 21 jewelry craftsmen and 9 in leather products. The picture in this issue shows two of the men and two boys that won prizes at the county fair.



Rev. and Mrs. Cripps
Maysville, Ky.

Dear Friends:

I have forgotten your home address so will send this to the only one I have.

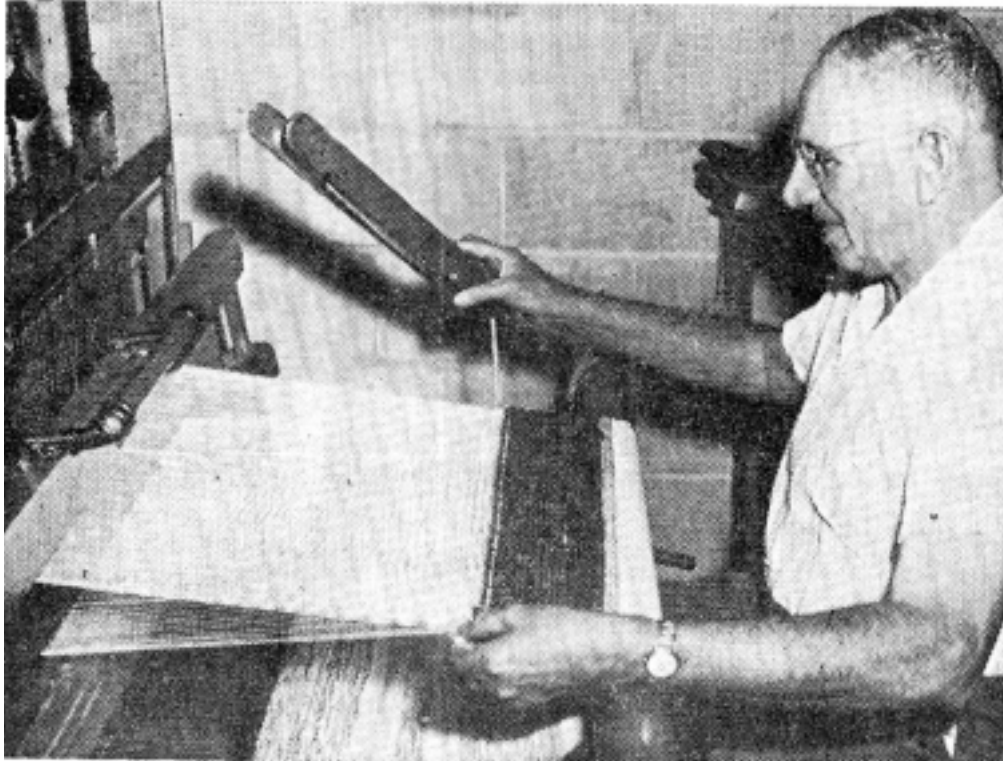
My job is being chaplain and psychological counselor to the members of the above home for the aged. I am also their recreational director and occupational therapist. I have eight looms and we wove and sold 1000 rugs last year. Each member gets \$1.00 for weaving the rug. We sell them for \$3.00. Any width to 36 inches by 54 inches.

It has been our experience that setting up several looms in different widths and different patterns gives a much greater choice and thus we sell more rugs to each customer. We use a salvage from a plant that makes artificial rubber. The trim of the cotton backing is about the size of a pencil. We dye most any color and make many wall to wall rugs, any size, even 30 by 36 feet. We use loopers for old fashioned rag effect and of course rags and filler. We are not much on custom work. Our best selling patterns are dog track, snail track, shell, big diamond and the usual tabby combinations. We use Cushings dye and lots of fine Maysville warp which we like for its fine colors.

I am enclosing a picture for your Shuttle if you care to use it. We'd like it back. Last year our township had 42 youngsters enrolled in craft classes with no leader. I ask my "Old Timers" to help teach them. We started ten weavers, twenty-one jewelry craftsmen and nine in leather products. The enclosed photo shows two of the men and two of the boys they taught at the county fair with their prize winning rugs. My were we all proud we could help youth. Just an idea for some other group.

Sincerely,

Rev. Herbert E. Ryan
New Carlisle, Ind.



EIGHTY RUGS A YEAR are woven by Alex Porter, 5210 Northeast Fifth street, Columbia Heights, at this loom in his home. Mr. Porter, who competes in the "work of the blind" category at the Minnesota State Fair, has won numerous prizes for his weaving. He plans to enter rugs at the 1962 exposition, August 25 through September 3. The 71-year-old former livestock-raiser has been taking part in State Fair contests since 1955.

In six of the past seven years, he has also earned a first place award in his category at the Minnesota State fair. That's the twist which gives something special to the Alex Porter tale. His category now is work of the blind because Porter, handicapped in the past by cataracts, completely lost his eyesight 12 years ago.

Practicing what he preaches, Porter took up weaving, makes close to 80 rugs a year on his 234-thread loom. "Sometimes I lose a thread and can't find it and have to wait for Ida to help me."

Porter insists his rug-making is a hobby not a business — "it comes in handy for wedding presents." Mrs. Porter says the people to whom he gives his rugs serve as volunteer salesmen and keep him busy with customers.



LEONARD K. OLIVER

SOMETHING FOR OLD COAT HANGERS

Mrs. Chas. Johnson of Ohio says she has used many suggestions published in *Shuttle*. She now adds that if a thread seems to be loose the weaver should hang a coat hanger in the back. Usually one hanger controls the slack but once in a while need two. They will just slide along as the warp is unrolled and no further trouble occurs.

Attention weavers near Cleveland. The *Shuttle* is pleased to say weaving lessons available in summer months at Cudell Arts and Crafts Center. Please write to 10013 Detroit Ave., Cleveland 2, Ohio for more information.

A BIG QUESTION

Many weavers like **Mrs. Wagoner of Indiana** have asked about tension box. The *Shuttle* suggests you contact Mrs. Gannett January, 2024 Alexander Drive, Escondido, California.

Mrs. Wagoner also answers a few questions herself:

To Mrs. Jeandervin of Ohio—She can warp her loom with 24 strings per section with the checkerboard style of warping—2 colors of string—or I have used a combination of 3 colors of string—warping 13 sections. I found this method in a booklet for a union loom.

To Mrs. Albert Cap of Ohio—To fix nylon hose for rugs I cut around the top of the hose making it single at the top—then fold the top into the toe of another hose and sew across with the sewing machine. This way there are no rough edges to fray out. Most rugs I have made this way have pleased those that I made them for. The number of hose required will vary because some hose are longer than others so it is hard to estimate the number required for a certain length rug.

A QUESTION FOR ALL READERS

Mrs. Cleo Oligney of Michigan, along with many other readers, wonders where an electric loom can be purchased.

Mrs. Mildred Lange

I was very much pleased to receive *The Shuttle*—Fall 1962, which is enjoyed very much in its booklet form. Also, was surprised to note the questions and comments on my prize rug shown in the Spring—1962 *Shuttle*. To Mrs. Finetta Emrick and Rev. and Mrs. W. E. Sounders of Ohio and fellow weavers that may be interested:

This rug was woven with white bed sheets for filler, and Kentucky Soft Spun tabby to bring out the "Dog-Track" pattern, and with what I call a "loop fringe." I will endeavor to explain how I achieved this fringe.

Weave 12 tabby threads with warp, weave in two sticks about 1¼" wide (I used just thin strips we had at home), then weave six more tabby threads, and proceed with filler, and reverse this process at other end. When I remove from loom, stitch along tabby so it doesn't ravel, also on edge toward loops after removing sticks. Cut beyond the stitching and fold 12 tabby section in half and bring to line of filler over 6 tabby threads after removing sticks and stitch hem. That makes your loop fringe, which has become very popular with my friends and seems very durable, not fraying out like cut fringe.

It was necessary for me to weave about three rugs before I got one for my daughter, who I had started out to make one as an experiment only. Another thing it does not have to be ties like regular fringe as the stitching makes a neat and firm edge. See sketch below:

I can only weave on week-ends when I visit my daughter where I have my four-harness floor loom. During the week, after an 8-hour day working in an office, I find recreation evenings preparing my rags, and other material for my week-end projects. I also, enjoy weaving towels, aprons and shopping bags on a 24" table loom, thus never lack useful items for gifts, and sale to my friends.

Very truly yours,
Mrs. Mildred Lange

THINKS MRS. CRIPPS' DIRECTIONS CLEAR

Mrs. Natzel of Minnesota follows patterns for 2 harness loom. However, she has a 12 dent reed with 2½" section. She winds 30 threads to a section using 13 sections for 30" rugs. Mrs. Natzel wonders if she is using sufficient threads per section. She notices also the tension box with interest and asks what is used for the rollers that the warping alternates over and under.

LIKES HAND SKILL LOOM

Mrs. Charles Rintleman of Milwaukee answers some of Mrs. O'Toole's questions about hand-skill loom.

(1) Rags can be woven into a rug by simply tearing instead of cutting the cotton material. One and one-half inch torn with the warp or length of a skirt (for instance). The ends are sewn into lengths easy to work with on the shuttle. I use a flat board-like shuttle—not the one that came with the loom.

If one beats firmly, has the warp tight, and does not try to weave too large a piece before advancing the warp, a neat and firm carpet will be the result, without twisting, stitching or special folding.

(2) No loop on the selvage—of either the rags or weft tabby. This would create a hazard when the rug is on the floor.

(3) Measure reed from center. Mark center with length of thread wound around reed frame, continue to each side to 14 inch. You will have to add to this to allow for drawing in and shrinkage if you want a 27 inch finished rug. (29 to 31 in.)

(4) To make squares—the raising and lowering of harnesses governed by the placement of the pins on the wheel determines the warp spacing. This should be very simple if Mrs. O'Toole

will only remember that the machine will not bite her, if she will experiment a little. She should write down where the pins are at the present so she can go back to that pattern.

Most looms are set up to honey-suckle when they leave the factory but instructions are not clearly stated.

REPRINT OF VALUE

Mrs. Matthews of Colorado reminds the publishers of *The Shuttle* that 1953 was the year we printed information about double fringes. We are pleased to print again:

"Before leaving this subject of fringes that will not fray in the washing machine, we must include the following from Mrs. A. T. Hinckley, a volunteer worker in the occupational therapy department of the veterans hospital in northern New York. Mrs. Hinckley writes:

"The enclosed sample illustrates my method for solving the problem of machine-washing a hand-woven rug without fraying the fringes. In beginning a rug I weave about a half-inch more than the width of the heading I desire. This half-inch is to allow for turning under and hemming down. Then I lay a strip of heavy folded paper in each of the alternate sheds, each strip as wide as the desired fringe. Then I weave the heading I had planned and

start the actual rug. After the rug is woven, the process is reversed, that is, the planned heading is woven and the two folded strips of paper are inserted. The second heading is woven and the extra half-inch additional to allow for turning under and hemming down.

"When the rug is taken off the loom it goes at once to the sewing machine where a single line of stitching firmly holds the end edges of both headings. Then remove one of the paper strips and stitch along the edge to keep the threads from wandering. Remove the second strip of paper and stitch also. This operation is done on both ends of the rug. Next, the outer heading is turned under and folded back, to coincide with the regular heading, and hemmed in place.

"Last of all, the outer edges of the upper and lower headings are matched carefully and stitched on the right side to hold the loop fringe firmly and neatly. This method of rug finishing gives a firmer heading which also has thickness nearer to the weight of the body of the rug. It gives a loop fringe twice as thick as the usual single warp fringe and it cannot be jagged and irregular. True, it takes a bit more warp but the whole process consumes no more time than neat hand-knotting requires and the wearing qualities are

greatly increased both on the floor and in the washing machine."



AWARD WINNING RUG WITH BUTTERFLY

Mrs. Hartnett of Wisconsin shows her first place rug. The prize winning rug had 5 blocks crackle weave with grey, burnt orange and gold warp. A butterfly landed on rug while picture was being taken.

Mrs. Lahti of Michigan is proud of the home her deceased husband built. She wants to show other weavers beauty of Michigan and tell of her work. She is quite a weaver and usually puts 20 pounds Maysville warp on loom at one time. She likes rugs made with rug filler the best.



WORK WITH GOOD RESULTS

Frances Tricoli of Pennsylvania sends pictures of her rugs and herself. We appreciate her interest and hope more weavers will send pictures for the next issue.



EXPERIMENT TO FIND ANSWER

Mr. Everett Knox of New York answers some questions.

To Mrs. Albert Cap of Ohio: In weaving rag rugs be sure you have a good tension on the warp. After throwing a shot of filling, beat in place, then CHANGE SHEDS and beat twice more. Use sharp quick beats. This should cure trouble of looseness between shots. I use a temple or stretcher when weaving to keep the woven part at full width of the warp as it is in the reed. This prevents the warp from drawing in and binding at edges and making it harder to bang up the filling. It also prevents undue wear on the edge warps and likely breakage. Don't allow the stretcher to get too far back from the weaving edge or

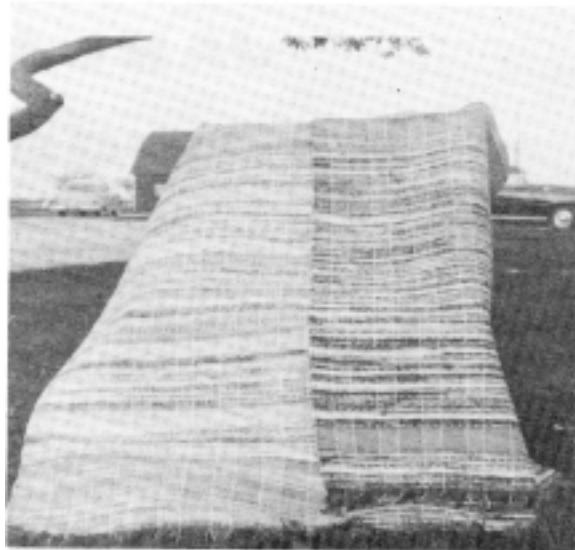
fell, but change it as needed. I like to pull the filling in snugly at the edges and leave curve out toward the reed away from the weaver. This makes for a firm edge without making it draw in too much.

To Mrs. Edith O'Toole of Mass.:

- (1) Have good stout rags, lap ends and sew across diagonally with short stitches. They may be lapped and folded before sewing if width permits. If your rag strips are long ones, you could cut the ends to a taper and lap them an inch and a half or so as you weave them, thus eliminating sewing. Twisting and folding is not necessary except to give different effects in color, etc., such as twisting a light and a dark rag together or folding when one side of the rag may be different in color from the other and you want only the one side to show.
- (2) Your selvages should be firm and even and no loops unless you are doing some kind of special work in yarn weaving where loops or fringe might be wanted at the edges. This would require other special techniques, and I presume not what you are interested in now.
- (3) In threading a reed, first find the center of your warp on the warp beam. It should be in center of loom, but may not be exactly so if you have a sectional beam. In this case, the warp center might be $\frac{1}{2}$ of a section to one side of the loom center.

Now find the center of your reed. If warp center is a half section from loom center then count the threads in a half section and you will know how many dents to one side of the center of the reed you will have to count to make it in line with the center of the warp. Thread reed starting in the center of your warp going to edge then starting back at center and threading other half.

To any weaver: If you are in trouble, take time to think it out. EXPERIMENT until you find the remedy. A little time spent here will be repaid in better work. It is better to take out some work and try again until you have found the trouble. You are at your loom and can try out suggestions until you find the right solution. And it is at your loom that the final solution must be found.



CANADIAN WEAVER

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Mrs. Rousseau, Ontario, has made over 300 yards of rugs for family and friends since she started to weave recently. The picture indicates she has learned quickly.



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