# JANUARY / FEBRUARY 1072 7 NUMBER 7 OLUME

# treadle talk ~

Every year after you have enjoyed the messages and greetings from your friends, you stack your Christmas cards in a pile and wonder what to do with them. They have brought you happiness in a happy time of year and you hate to toss them in the waste basket. Let me suggest a use for them.

Pick the ones that you like the best and use them for a fabric suggestion. Many of you write that you have trouble with color. Let your Christmas cards help you. Sort out the most beautiful ones, the ones with the most interesting color combinations and save them for a fabric. Here's the way to think about it.

Pick a card and note the number of colors used. Note the percentage each color is used in comparison to the whole. For example: white white 25%, medium white 15%, gold 20%, green 30%, darker green 4%, very pale yellow green 3%, very dark green 1%, silver 1%, yellow 1% for a total of 100%. You must use the colors in the same proportions or you won't get the same effect. Select your yarns matching as closely as possible the colors on the Christmas card. The card may or may not suggest the arrangement of your yarns. Try to have the same colors next to each other as on the card.

Enjoy your Christmas cards many times – when they arrive, when you open and read them, as decorations for the holidays, and when you reproduce their color suggestions in your handwoven fabrics.

may Pendleton

THE LOOMING



"... Was so glad to see Helen Hafen mentioned. I was in a workshop with her in Las Vegas and became mighty fond of her . . . I am looking forward to your book and want to be sure to get it when it gets on the market. Should I send in money in advance? As I am leaving for a short trip . . . this has been written in haste . . . but if I put it off until I get back it will get put back under my malady - I have a terrible illness - maybe Helen would come to help me out. I suffer terribly from piles - all over the house! Piles of old magazines I just have to check before I can pitch them out - piles of Looming Arts and others I have to put in my folders - piles of books I have pulled out to check a certain technique piles of normal stuff I have removed when company comes and put on top of my other piles. Send Helen, please...' Grace Burr, Ft. Worth, Texas

"Last issue (Vol. 6 No. 5) was the best you've done. Your tribute in weaving to your loved ones is perfect, especially the music 'Largo in Fibers.' "

Mrs. J. O. Holmes, Norwood, Mass.

"This is to let you know how thoroughly I enjoy receiving The Looming Arts. I look forward to every friendly issue." Patricia DuCharme, Orlean, Mass.

"Love it! Enjoy every issue."

Mrs. Armand L. Lubatty, Southampton, N.Y.

"Just last week, a fellow member of Potomac Craftsmen offered to lend me a notebook which contained several years of your publication The Looming Arts. I found it to be fascinating, not only on the subject of weaving, but on your various items which have to do with the West . . . I will be eagerly awaiting the first issue sent to me." Mrs. Arlene Strom, Crofton, Md.

## Fred says ~~

Old Fred really got lucky today. A young neighbor boy applied for a job helping me build looms. He has been using tools and making things (including miniature furniture) since he was thirteen years old. Besides understanding woodworking, he can weld and do metal turning.

I feel like the guy who found a rare jewel – called Jerry.

### STATEMENT OF PUBLICATION AND SUBSCRIPTION RATES

The Looming Arts is published bi-monthly beginning January 25 of each year. Subscription rates: United States and possessions: Issue with 4-harness designs and samples \$4.50 a year or \$1.00 single copy; above issue plus an additional multi-harness design \$6.00 a year or \$1.35 single copy. Pan American and foreign \$1.00 per year extra. Mary Pendleton, editor and publisher. Business office: Box 233, Jordan Road, Sedona, Arizona 86336. Phone: Code 602-282-3671.

### ACTIVITIES AT THE STUDIO

With a new year starting the activities have centered around year end inventory, bookkeeping and all of the un-interesting things that are required of a shopkeeper. Surely could get a lot more weaving done if we didn't have so much record keeping to do.

Early February I traveled to Sun City, Arizona for a lecture. They have a lot of enthusiastic weavers down there. The end of the month began the weaving classes that I had to cancel in October. Students attending came from Sun City, Prescott, Flagstaff, Phoenix, Sedona, Cottonwood in Arizona and two from Ontario, Canada.

### FOR YOUR READING ENJOYMENT

Sometimes big values come in small packages and the books I'm going to mention are just that.

NORTH AMERICAN INDIAN CRAFTS by Andrew Whiteford - \$1.25. This is a small pocket-size book 4"x6" 160 pages filled with information about Indian crafts. It is written in a very brief concise manner with all drawings in color. It is indexed and covers items such as: baskets, featherwork, quillwork, shellwork, hornwork, skinwork, woodwork, jewelry, pottery and weaving. The weaving of a number of tribes is covered including Navajo and Hopi. Though few words are written on each subject a surprising amount of information can be obtained by reading this book.

SPINNING With A Drop Spindle by Christine Thresh -\$1.00. This pamphlet 5<sup>1</sup>/<sub>4</sub>"x8<sup>1</sup>/<sub>4</sub>" is just 24 pages. It is written for beginners. Its content is worth far more than its cost. (If you want to get started spinning, we can pack a spindle with this book for another \$4.00 plain one, \$5.50 fancier folding model and 60¢ extra on postage.) NATURAL DYEING by Robert and Christine Thresh -\$1.50. There's nothing more exciting than to start a pot of dye stuffs boiling and wonder what color you will get. To help start your dye pot boiling, this pamphlet, 5¼"x8¼" and 37 pages, will guide you through the steps. It contains a number of dye recipes using easy to get native materials such as: Lupine, marigolds, mistletoe, onion skins, walnut hulls and others. You don't know how much fun and surprises can come out of a boiling pot until you've tried dyeing your own yarns.

OJOS unlimited by Lillian and Ira Kersh \$2.00. Ojos de Dios - "Eyes of God." I'm sure you've seen them and have wondered how to make them. Ojos are made with yarn and sticks . . . a good way to use up your weaving yarn scraps. They can be made in miniature or large enough for an entire wall decoration. It can be a fun project for the whole family. This 33 page publication  $9\frac{1}{2}$ "x7 $\frac{1}{2}$ " gives complete instructions on this primitive art.

Order books from The Pendleton Shop, Box 233, Sedona, Arizona 86336. For one or all four books add  $40\phi$  for postage and handling.

2

### Sample on next page



For so long we have been working with coarse, textured yarns and have gotten away from the finer, smoother types of fabrics with more threads per inch. However, I notice that in our knitting department knitters are getting back into finer yarns and so I thought we'd begin this new volume with something for those of you that like to work with finer yarns.

The sample warp produced several variations that I liked so I have picked two for you. One is the woven sample and the other is photographed. Aside from the fact that it takes a little more time to prepare and thread the warp because of the close setting, it is a very easy warp to work with. 36 warp ends per inch may sound frightening to some of you but you are working with double threads which really makes it seem like a coarser weave. I like the texture that fine yarns doubled give.

Some of you may wonder why we didn't thread two threads through a heddle rather than threading each thread separately. I find that when you put two warp ends in a heddle they tend to twist and wrap around each other. I like to thread them in separate heddles to prevent this.

If you want to keep your double weft from twisting, you can weave with two shuttles beating each weft separately before changing sheds. However, we wove our sample with a double weft in the shuttle treated as one thread. See Vol. 1, No. 5 Sticky Problem for discussion on winding two wefts on one quill.

Be sure you do not overbeat this fabric. It packs down easily so be on guard. To finish, steam press.

Reed: 18 dent - 2 per dent Warp: 2/20 wool - Lt. Ivy Willamette Blue CUM Cream White Willamette White CUM Refer to threading draft for order of warp. Weft: Same as warp double in shuttle. I didn't have enough CUM blue on hand so I used another odd lot 2/20 blue for the weft.

Threading Draft

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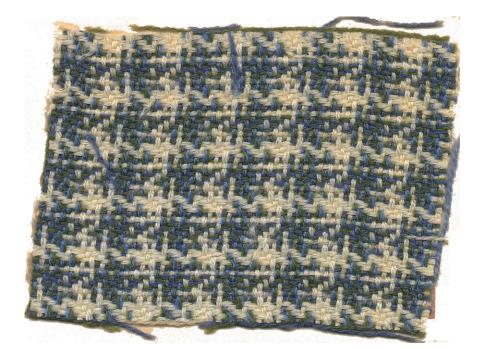
- C = Cream wool W = White wool
- I = Ivy wool

B = Blue wool

Note: If you wound your warp with 2 threads in your hand so they are in pairs on lease stick, it doesn't make any difference which one you pick up first to thread. Weaving Directions for woven sample: Begin right to left and treadle 2-3-4-5 with Blue/Ivy. Begin on right and treadle 1 with Cream/White. Treadle 6 with Blue/Ivy Treadle 5-4-3-2 with Cream/White Treadle 6 with Blue/Ivy Treadle 1 with Cream/White Repeat. Medium to light beat. This should be a 50/50 weave.

Weaving Directions for photographed sample above: Use tabby treadles 1 and 6 only. Weave 4 rows Cream/White, 1 row Blue/Ivy, 1 row Cream/White, 4 rows Blue/Ivy, 1 row Cream/White, 1 row Blue/Ivy. Repeat.

This is the same order of color as the warp.



### KNITTED HAT-SCARF

For our weavers that like to knit here's a simple little project worked up by our knitter, Florence.

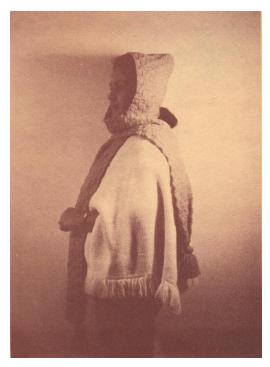
Knitting Worsted weight yarn - 8 oz. Number 10 needles. Gauge: 4 sts. in pat. equals 1 inch

Cast on 32 sts. Work in pattern until yarn is almost used up ending either on row 3 or 7.

Pattern: Row 1: \*K4, P4\* repeat from \* to end of row. Row 2 and 3 and 4: Repeat row 1.

Row 5 and 6 and 7 and 8: P4, K4 across row.

Repeat row 1 through 8 until you have required length, about 80" to 90". Bind off in pattern. Run thread through end and draw up tight. Make two large tassels and fasten on ends. Fold in half lengthwise and weave seam for about 10 inches.



Knitted Hat-Scarf

### YARNS SELECTED FOR YOU

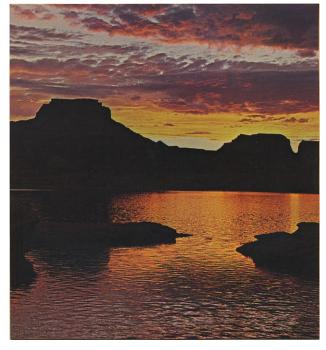
Our samples this month are plied spun rayon novelties with flecks of various colors. They suggest many uses. Strong enough for a warp yarn but you might lose some of the flecks in the beating. Try it for upholstery, pillow covers, blankets among other things.



Lt. green, aqua, blue plied spun rayon. Approximately 550 yds. per lb. Put up: On cones of about 1 lb. each. \$3.50 per lb.POSTPAID IN USA.

Less 10% on 5 lbs. or more.

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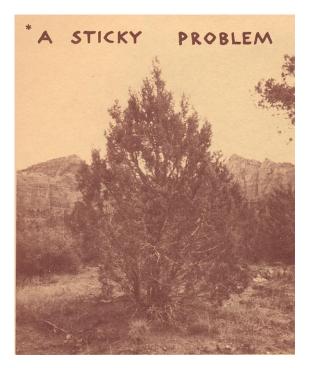
Three hours by car from Sedona is Lake Powell at Page, Arizona. This is the Glen Canyon recreation area with miles and miles of shoreline, boating, fishing, water skiing. There are tours to Rainbow Bridge, all kinds of boats to rent including house boats. Enjoy a beautiful sunset at Lake Powell. Photo by Bradshaw

The perfect gift for your weaving friends a subscription to THE LOOMING ARTS.



Helen Hafen's handwoven collar with handspun yarn and feathers ... under the heading of pin weaving. See Vol. 4 No. 6.

4



ANOTHER WAY TO USE YOUR EXTRA WARP BEAM

Some of you have a double warp beam on your loom but the chances are you feel it is too much of a job to use it often. Warping two beams does take extra time.

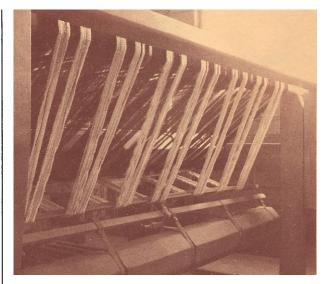
The usual reason for using two warp beams is to control the tension of warp threads in weaves that have a different take up on some warps. In our multi-harness sample in Vol. 6 No. 5 such a problem existed. Rather than warp both beams I wound the black and white yarns together on one beam. After weaving the first yard or so, the white threads became loose. I picked these up on a beaming stick and tied this stick to the apron of my lower beam. As I wove and the white warps became longer than the black warps, I just tightened up the second beam to take up the slack. Worked beautifully and I didn't have to bother with weights. See Photo.

To achieve the same results without a double beam, see Vol. 6, No. 4 A Sticky Problem.

If you have a particular sticky problem you would like discussed, let me know and I'll cover it if I can. If I can't, we'll ask our readers about it.

\*Arizona Cypress-Cupressus Arizonica Greene. Mediumsized, scale-leaved evergreen tree usually 30 ft. tall with straight trunk 1½" in diameter, up to 75' in height and 3' in diameter. Crown conical or rounded. Leaves scalelike 1/16" long, pale blue green. Bark variable, shedding in thin scales to expose dark red inner bark. Cones - short stalked, ¾" to 1" in diameter. Hard and woody, gray with flattened scales bearing a point in center. Remain attached for several years.

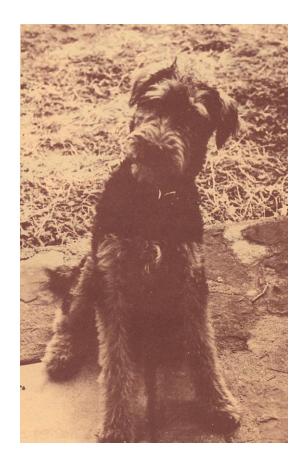
This tree is found in groves in canyons and mountains of oak woodland with evergreen oaks or junipers. Very scattered and local, 3,500 to 7,200' elevation. Found only in the Southwest and Western U.S. from Texas to California and Oregon and Mexico to Costa Rica.



Making use of your double beam.

### WE LOVE TO HEAR FROM YOU ...

We want to know what you are thinking whether it's criticism or praise. If you want to share a weaving idea, tell us about it and we'll pass it along to our readers.



Our Polished Penny is a bundle of energy, into everything and a very lively member of this establishment.

# Pendleton Peddler

### RONDEE MOTOR HOTEL



Spectacular view 3 blocks from studio Box 1021 (602) 282-7131

and the turtle restaurant







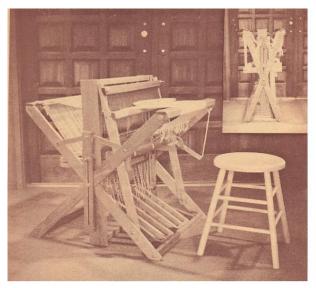
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Canyon Portal Motel

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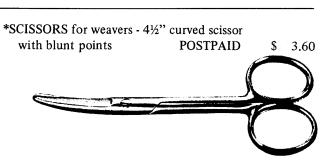
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### Sample on next page

The textiles produced by the ancient Ashanti culture of Ghana are a great source of design ideas. Among the different fabrics from Ghana "Kente" cloth is perhaps the most interesting for its unique style and patterning. It is woven in narrow strips and then pieced together by sewing. Its rich colors and complicated woven designs combine to form a fabric that is at once new and provocative. Ever since I read an article and saw photographs about the Kente cloth, I've wanted to use the idea for a fabric of my own.

Of course, sewing strips together is not for me so the stripe effect in my sample is achieved by threading each stripe on its own set of four harnesses thereby getting two different types of weaves. I also "borrowed" some of the typical colors of a Ghana fabric, deep red, blue and gold. Be sure the warp for both stripes is the same weight and has the same elasticity, otherwise you'll get a "rippled" effect between stripes.

The problem that develops when you want to weave two different weaves side by side is the take up of the warp. Yes, you can use two warp beams but many weavers do not have an extra beam. I have designed this fabric so the take up of both weaves is almost the same. On a long length you will have some variation in that the red stripe will take up less and become loose but the difference will be very little and you can handle it easily with the method discussed in Vol. 6, No. 4 Sticky Problem. For those of you that may not have that issue, it covers a discussion on putting a stick under the loose warp threads and adding a weight at either end to give equal tension with other warps.

Since the red stripe is a twill type threading and the warps always skip over two wefts, the treadling was planned so the warps in the other stripe also skip over two wefts even though it is a plain type weave. There are many possible variations to a fabric like this. It offers a real challenge to the inventive weaver.

The edge warp threads will not catch every row so don't get excited when you get some edge floats. Threading your selvage on two extra harnesses, if you have them, could solve this.

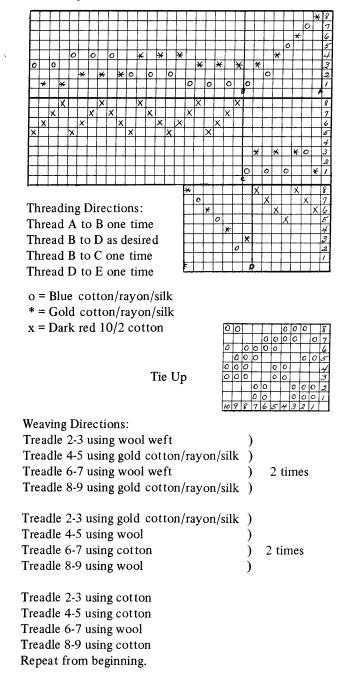
The use of this fabric? It could have many uses but I think of clothing and, possibly, upholstery.

Warp: Dark red 10/2 cotton and gold and blue 2-ply cotton/rayon/silk

Weft: 2 ply wool (about 1,100 yards per lb.) or 4-ply knitting worsted and 2 ply cotton/rayon/silk

Reed: 10 dent, 2 per dent

### Threading Draft



If you analyze your weaving directions, you will see how simple they are. Just treadle 2 through 9 using each weft twice and when you wish to switch the block design, you use four fine wefts (cotton) before you switch to heavy weft (wool).

