

PRACTICAL

# WEAVING

SUGGESTIONS

Vol. 2-56



Lily Mills Company, Shelby, N. C.

# *Design Your Own!*

BLOUSES DESIGNED BY FRANCES M. NIETZEL — SKIRTS DESIGNED BY TINA McMORRAN

If you have deluged yourself and your friends with luncheon sets, towels, bags, it is time to be thinking of a new project for your loom. Off and on for years, we have been weaving blouse and skirt material and are constantly amazed at the infinite variety that can be done by anyone. Every woman can use a new blouse and skirt, either as a finished garment or in lengths for the friend who sews; they make delightful gifts.

The first requirement is a good pattern in your correct size. Any of the commercial patterns from the department stores will do. Just be sure to choose one that is not fussy. The fewer darts, pleats, gathers and ruffles, the easier it will be to sew. And, too, you want to accent the beauty of your handwoven fabric, not the intricate cut of the pattern.

Blouses No. 1 and No. 2 were made from a McCall pattern, number 8996, size 12. It is an excellent pattern for your first efforts. There are only four darts. It has a back opening so that you may design the front as elaborately as you please. There is a collar given in the pattern but it is equally good without. It may have short sleeves or no sleeves. We chose the sleeveless version and left off the collar as these were to be worn with a suit. Thirty-five inch material is suggested on the pattern. Thirty-six inches in the reed will give this nicely. Select only the pieces you need from the pattern. In this case, the front, the back, the armhole facings and the neck facing. Press them carefully. Fold sheets of newspaper to a width of seventeen inches. Lay the front and back pieces on according to the instructions on the pattern. You will see that there is enough room alongside the back piece to place the facings. Do not plan to cut any facings from the sides of the front as your design will be there and any heavy threads that cross the web will only add unnecessary bulk to the facings. Now measure generously how much of the newspaper is covered. For this pat-

tern and size, it is fifty-two inches. Add a rough ten percent for shrinkage and you will need fifty-seven inches of material thirty-six inches in the reed. Obviously, if you do want sleeves and a collar it will take more. Shift the pieces so that the shrinkage allowance is evenly distributed. Remember to include this extra amount when measuring for the beginning of your design.

Now you are ready for the part that is really fun. With colored chalk, sketch on the paper pattern for the front of the blouse where you want your design to come. If it is to be a simple woven band as in blouse No. 1, measure its dimensions across the pattern, being careful to place it so that the darts do not enter it, the curve of the neck does not cut into it and that it is the proper distance from the shoulder to look well. Hold the tissue up to you in front of a mirror and see if that is really where you want it. If the design is to be laid in as in blouse No. 2, sketch an outline of it on the pattern, observing the same limitations as before.

Blouse No. 3 was made from a Simplicity pattern, number 3857, size 12. Eighty-eight inches of thirty-six inch material is sufficient. The design was adapted from a cushion top in "Swedish Patterns and Designs" by the Swedish Homecraft Society, portfolio 4. A sheet of squared paper was cut to the outline of the neck and sleeves and the design drawn in actual size on it. This was used as a guide during the weaving. Both the left and right side of the front were woven at the same time, so we were careful to make one side the mirror image of the other.

Blouse No. 4 is a Butterick pattern, number 6886, size 12. It is a small all-over design suitable for an evening blouse if worn with a full velvet skirt or a dressy afternoon frock if you would like to weave a bordered skirt to match. Fifty-six inches of the pattern will allow for the front, the back and the collars cut singly. Weave another twen-

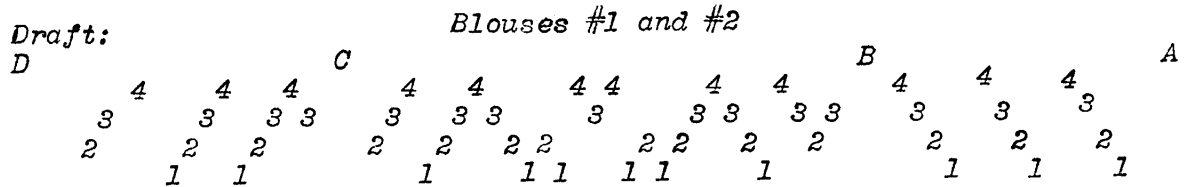
ty-four inches of plain weave for the collar facings and the neck facings. The armholes and the neck may be bound with purchased bias tape.

As you are weaving your material, keep the pattern pieces near at hand. If your design is other than the plain band, it is often convenient to pin the tissue to the web so that you may check it with the markings on the pattern from time to time. Remember that there will be some shrinkage and that edges will ravel, so in case of doubt, weave an extra inch or two. After the material is removed from the loom, wash it in as hot water as you intend to use for it later. Hang it as straight as possible while drying. Iron it well and press it with a lengthwise fold. Coax it into perfectly straight lines. Lay the pattern pieces on exactly as you did on the newspaper and cut. As soon as you have finished cutting, sew around each piece with the sewing machine to prevent fraying. If this is done carefully, it will be sufficient finishing for all inside seams. Finish the sewing as directed in the pattern.

There is no end to the possibilities of design. By threading your loom to a small

pattern or a twill and using a heavy pattern thread in either the same or a contrasting color, you can weave many different borders. Any of the pick-up or laid-in techniques may be used. A band of leno or Brook's Bouquet will give a delicate lacy effect. Simple squares or diamonds may be arranged in a pleasing combination and woven in Spanish lace or free Bronson. Monograms in free Bronson or leno may be used. The gay borders created for knit Scandinavian sweaters may be woven in Dukagang if your threading is a twill or Rosepath. Use the ideas from the needle work books. Most of them are drawn on cross section paper and are readily adapted. Watch the fashion magazines for new ideas. If you have a white or natural warp use only the lighter wefts to avoid a salt and pepper look. If you have a colored warp, try crossing it with another color for a subtle effect. You will find that there is no warp long enough to exhaust all the different ideas you will have. When you are complimented on your pretty blouse, you can say, "Thank you! I designed it myself."

To help you get started the work sheets for four blouses are given in detail.



**Threading Plan:**

Thread A to B one time	12 ends
" B to C 57 times	1596 "
" C to D one time	12 "
Total	1620 "

*Tie-up:*

	3	3	4	4	4
	2	2	2	3	4
	1	1	1	1	1
	1	2	A	B	3 4

*Heddle Count:*

<i>Harness #4</i>	#4	348
	#3	463
	#2	462
	#1	347

Reed: No. 15  
 Sett: Three per dent  
 Width in Reed: 36"  
 Warp: Art. 214 Lily Mercerized Cotton Warp

or Weft Yarn, size 40/2, color white.  
 Weft: Blouse No. 1: Art. 214 Lily Mercerized Warp or Weft Yarn, size 40/2, color white.  
 Pattern yarn: Art. 114 Lily Mercerized Pearl



**BLOUSE NO. 1**

Cotton, size 10, color white 984.

Blouse No. 2: Art. 114 Lily Mercerized Pearl Cotton, size 23, color yellow 404. Pattern Yarn: Art. 114 Lily Mercerized Pearl Cotton, size 10, color yellow 404.

#### Weaving Directions

##### **BLOUSE NO. 1**

1. Treadle A then B for 18" throwing the 40/2 yarn. This is the front up to the band.
2. Treadle 1. 2. 3. 4. 3. 2. 1 throwing the pattern yarn. Do not use a tabby.
3. Treadle A then B for 6 shots.
4. Treadle 1. 2. 3. 4. 3. 2. 1 throwing the pattern yarn.
5. Treadle A then B for 10 shots.
6. Treadle 1. 2. 3. 4. 3. 2. 1. 2. 3. 4. 3. 2. 1. 2. 3. 4. 3. 2. 1 throwing the pattern yarn.
7. Repeat steps 5, 4, 3 and 2 in that order. This completes the band. It should measure about 2 inches.

8. Continue weaving plain for the remaining 37 inches.

This material was beaten at 36 to the inch. It required 2565 yards of warp not including the waste for tying on and 2352 yards of weft size 40/2. Fifty yards of pattern yarn, size 10 were used.

##### **BLOUSE NO. 2**

Danish Medallion is the technique used for this blouse. It is treadled throughout on A and B. Be careful to begin the shots of heavy weft on the right hand side as it is easier to work the stitch from this side.

1. Weave 5 inches throwing the fine yarn.
2. Weave 2 shots of the pattern yarn. Do not break off.
3. Weave 6 shots with the fine yarn.
4. Repeat the 2 shots pattern, 6 shots fine until you have 28 double rows of pattern.
5. Determine the center of the web. Throw a shot of pattern yarn from right to left to this center. Bring the shuttle out of the shed. Insert a crochet hook between the last two rows of pattern yarn directly below the place where the shuttle came out of the shed. Catch the weft that was just thrown and pull it through to the top of the web. Put the shuttle through this loop. Draw it up carefully so that it covers the six rows of fine yarn but does not draw them together. Return the shuttle to the shed and throw it across the other half.
6. Weave the pattern yarn from left to right.
7. Weave six shots of fine yarn.
8. Throw the pattern yarn and bring the shuttle out of the shed four upper threads to the right of the previous stitch. Make the Medallion as before.

9. Insert the shuttle into the shed and go under eight upper threads. Make another Medallion.

10. Return the shuttle to the shed and complete the throw.

11. Weave Pattern yarn from left to right. This procedure is followed throughout the design. Each x on the diagram represents a Medallion. An increase begins 4 upper threads to the right of the previous row, a decrease begins four upper threads to the left of the preceding row and there are always 8 upper threads between Medallions in the row.

12. Continue weaving 2 shots heavy, 6 shots fine until you have 28 inches. This completes the front.

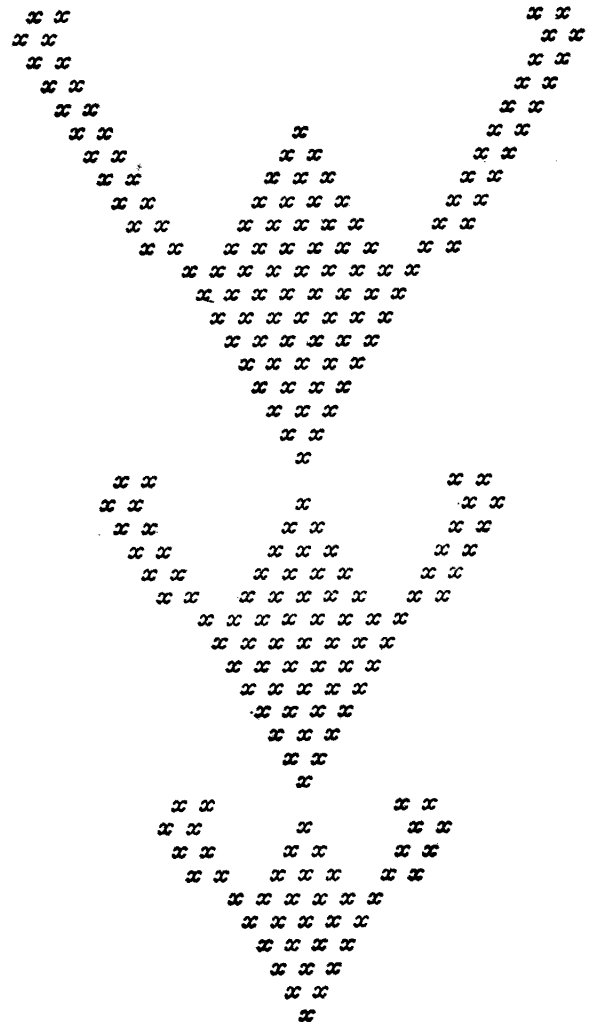
13. Weave 29 inches using the fine yarn only.

This blouse was beaten at 30 per inch. It required 2565 yards of the 40/2 warp, 1710 yards of size 20 weft, and 175 yards of size 10 for the pattern.



BLOUSE No. 2

Diagram for Blouse #2





# Mix Them and Match Them



Banded Skirt

*Tie-up:*

			4	4	4
	3	3		3	
2	2		2		
1		1			1
<hr/>					
1	2	A	B	3	4

Square Dance Skirt



*Heddle Count:*

<i>Harness #4</i>		384
" #3		309
" #2		156
" #1		<u>231</u>

Reed: No. 15

Sett: Two per dent

Width in Reed: 36"

Warp: Art. 114 Lily Mercerized Pearl Cotton, size 20, color 438 Red.

Weft: Blouse No. 3: Art. 114 Lily Mercerized Pearl Cotton, size 20, color 438 Red for the plain weave. Pattern Yarn: Art. 114 Lily Mercerized Pearl Cotton, size 3, color 441 Black and 984 White.

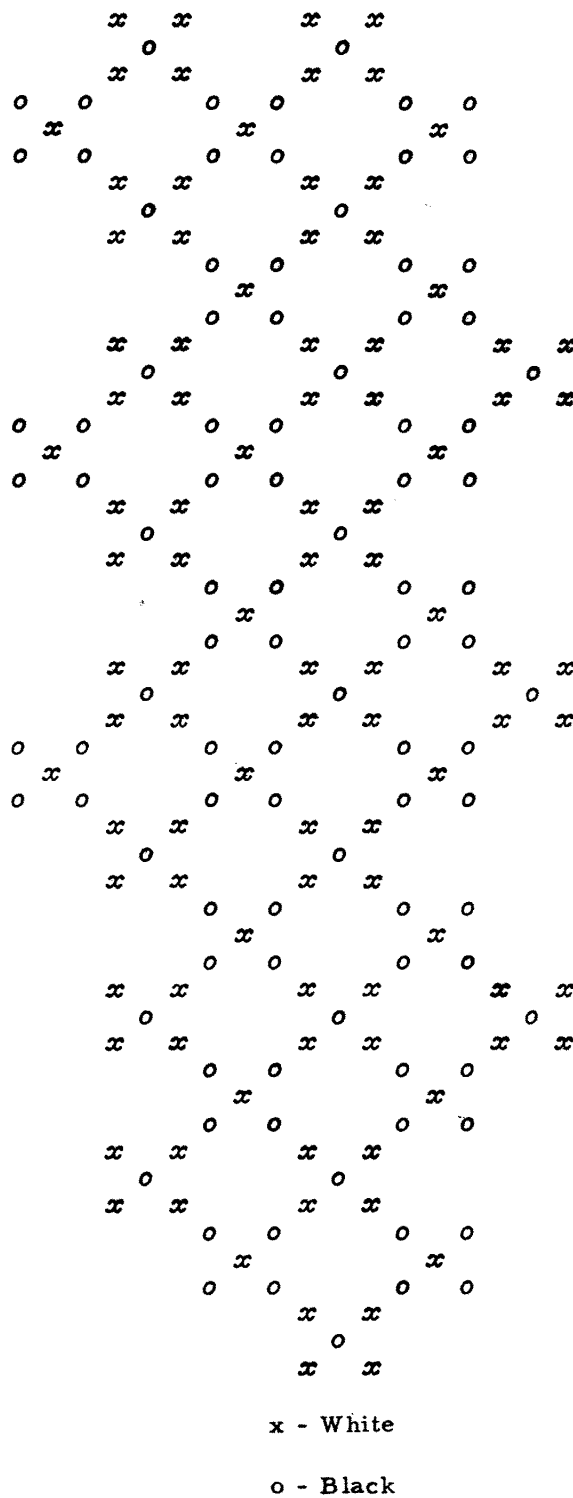
Blouse No. 4: Art. 114 Lily Mercerized Pearl Cotton, size 20, color 438 Red for the tabby and the plain weave. Pattern yarn: Art. 114 Lily Mercerized Pearl Floss, color 438 Red.

Weaving Directions.

### BLOUSE NO. 3

The technique used in this blouse is Half-Krabba. You will need a white and a black 'butterfly' of the Pearl Cotton, size 3, for each side of the blouse. To make the 'butterflies', wind the yarn around the thumb and forefinger in a figure eight. Do not make them too large. Break off. Wrap this end around the 'waist' of the butterfly. Draw out the other end and begin your weaving with it. This technique is usually done wrong side up but as this is such a simple design, we recommend that you work it right side up, being careful to tuck the ends through to the wrong side and remembering to drop the butterflies through the web after each row of design.

Diagram for Blouse #3





1. Treadle A then B for 16 inches throwing the fine yarn. This is the front up to the design.

2. Determine the center of the web. Lay the paper pattern on and mark with a pin where the design is to start on each half of the front.

3. Beginning on the right, lay the yarn from the white butterfly over six warp threads, under six warp threads and over six warp threads. Push the butterfly through to the wrong side. Do the same on the other half with the second white butterfly. Push it through to the wrong side.

4. Throw a shot of tabby.

5. Pull the butterflies through to the right side again. Go over six, under six, and over six the same as you did before but from left to right this time.

6. Throw a shot of tabby.

7. Repeat steps 3, 4, 5 and 6. You will have four rows of white with tabby between.

8. With the black butterflies, go over the six warp threads that you skipped on the white rows.

9. Weave a shot of tabby.

10. Repeat the black pattern and tabby until you have four rows of black.

Continue working the design. Each x on the diagram equals four white rows with

tabby between. Each o equals four black rows with tabby between. The diagram is for the left hand side of the blouse as it faces you on the loom. Make the right hand side a mirror image of this chart.

11. Weave A then B throwing the fine yarn for the required yardage.

This material was beaten at 26 to the inch. 4920 yards of Pearl Cotton size 20 were used for warp and weft not including the loom loss. 14 yards of Pearl Cotton size 3 black and 14 yards of white were needed.

#### **BLOUSE NO. 4**

Blouse No. 4 was woven in the conventional overshot method. A shot of the floss on the pattern treadles (1, 2, 3 or 4) and a shot of the size 20 on the tabby treadles (A and B).

1. Treadle: 1,A, 2,B, 3,A, 4,B, 3,A, 2,B, and repeat for fifty-six inches.

2. Treadle A then B throwing the fine yarn for twenty-four inches.

The patterned length was beaten 14 shots of floss and 14 shots of size 20 to the inch. The plain weave was beaten at 26 to the inch. The amounts used were: 784 yards of floss and 3808 yards of the size 20, including the warp but not the loom loss.

## Formal Skirt and Stole

Illustrated on Front Cover

Yarns required—

Warp Art. 114 in 20/2 black, 1 lb.

Weft Art. 114 in floss black 1/2 lb.

Bands Art. 114 floss, 2 oz. each in Raspberry 1447, Maroon 655, Lt. Jade 1448, dark Jade 1450, Chartreuse 1462 and old Rose 574—

Art. 105 in size 1 - Raspberry 1/2 lb. (used between bands of color)

Art. 105, size 2, natural, 2 oz.

Metallic 1/64 in cornflower blue, raspberry and gold. (Gold may be used for all metallic)

Warp 1320 ends at 30 to the inch; and six yards long.

Directions for weaving—

Weave four inches in black for hem.

1 shot raspberry boucle

1/2 inch raspberry floss

1 shot boucle

1 1/2 inch maroon spooled with raspberry metallic.

1 shot boucle

3/8 inch lt. jade, 1 shot gold doubled, 3/8 inch lt. jade.

1 shot boucle

1/4 inch dark Jade

3/4 inch black spooled with gold.

1 shot gold doubled

3/4 inch Chartreuse

1 shot gold doubled

3/4 inch black spooled with gold

1 shot boucle

3/4 inch dark Jade

1 shot boucle

1/2 inch maroon spooled with raspberry metallic

1 shot boucle

1 1/4 inch raspberry floss

1/4 inch black spooled with gold

1 shot boucle

1/2 inch raspberry floss

1 shot boucle

1/2 inch maroon spooled with raspberry metallic

1 shot boucle

1 inch dark jade floss, 1 shot gold doubled, 1/4 inch dark Jade.

1 shot boucle

1 inch old rose

5/8 inch size 2 boucle spooled with gold

1 inch old rose

1 shot boucle

1/4 inch chartreuse, 1 shot gold doubled, 3/4 inch chartreuse.

1 shot boucle

Now weave 1 3/4 inches black then,

1 shot raspberry boucle

1/4 inch black with gold

1 shot boucle

1/2 inch black

1 shot boucle

1/4 inch black with gold

1 shot boucle

Then finish in black for the desired length. We make our skirts one yard in the piece to allow for adjusting to the varying needs. It is well to make a paper tape listing the number of shots in each section to assure matching seams.

For belt weave 2 1/2 inches black, then repeat the last two narrow stripes from the skirt then 2 inches black.

## Stole For Formal Skirt

This is woven on the same warp as the skirt, sleyed 27 inches and the weft is of 20/2. Any desired section may be chosen from the skirt. The finished length is 72 inches plus fringes.

## Banded Skirt

This skirt is woven on the same warp as the formal skirt.

For weft we use Art. 114 in Red 438 10/2  
Bands are Art. 105 size 1 in natural.

Weave as follows:

4 inches red  
1 shot boucle doubled  
1 shot boucle spooled with silver metallic  
Then weave one shot red, 1 shot boucle for  $2\frac{3}{4}$  inches

1 shot boucle with silver  
1 shot boucle doubled

$\frac{3}{8}$  inch red  
1 shot boucle doubled  
1 shot boucle with silver  
1 shot red, 1 shot boucle for  $\frac{3}{4}$  inch  
1 shot boucle with silver  
1 shot boucle doubled  
 $\frac{3}{8}$  inch red

then repeat the first wide band

Weave  $6\frac{1}{2}$  inches red  
1 shot boucle doubled  
1 shot boucle with silver

1 shot red  
1 shot boucle  
1 shot red  
1 shot boucle  
1 shot red  
1 shot boucle with metallic  
1 shot boucle doubled

$\frac{1}{4}$  inch red then repeat narrow band

$3\frac{1}{2}$  inches red and repeat the two narrow bands

Then weave red to complete length.

For belt weave 3 inches then make the two narrow bands, and two inches red to finish.

## Square Dance Skirt

Yarns required—

Art. 114—20/2 black 1 lb. for warp.

Art. 114—10/2 black 1 lb. for weft.

Art. 114 floss scarlet No. 440 for units—2 oz. tube—used 3 strands spooled with silver metallic. This skirt is woven to be used vertically on a 36 inch warp, woven  $2\frac{1}{2}$  yds.

long. Warp 1264 ends, 36 to the inch double sleyed in an 18 reed.

The units are laid-in with the weft thread as shown in diagram. The threads are laid-in on two successive shots then two shots of black are put in before doing the next step. The bottom units are placed  $4\frac{1}{2}$  inches from left hand side and are spaced  $4\frac{1}{2}$  inches apart. They are about four inches in height, with five laid-in units.

The second row has three laid-in sections, three inches in height and are set seven inches above and mid-way between the first group.

The top row has two laid-in sections, 2 inches in height, eight inches above the second row. They are set to center above the first row and will be started when the first unit is near it's center.

For belt weave  $2\frac{1}{2}$  inches plain in black.

1 shot red spooled with silver, 1 shot black doubled, 1 shot red.

$\frac{3}{8}$  inch black. Repeat twice then weave 2 inches black.

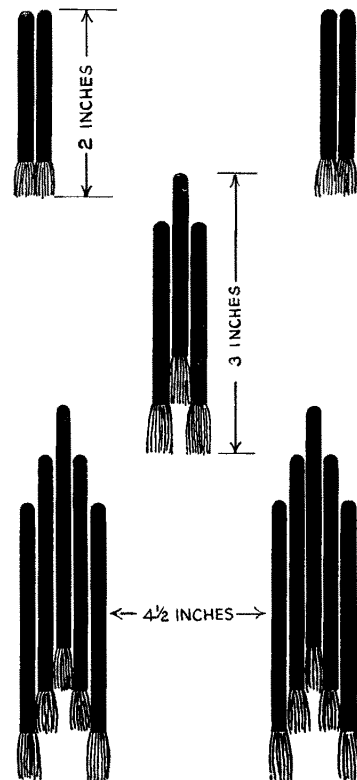


DIAGRAM FOR SQUARE DANCE SKIRT

**ART. 114 — LILY MERCERIZED PEARL  
COTTON AND FLOSS**

**Fast Colors**

79 Old Gold	536 Pistache	984 White	
85 Peach	539 Steel	992 Blue	
402 Orange	562 Bottle Green	993 Med. Blue	
404 Yellow	574 Old Rose	1019 Pink	
406 Lt. Yellow	607 Lt. Rust	1211 Brown	
407 Violet	617 Lacquer	1260 Rust	
408 Lavender	635 Copenhagen	1261 Dk. Orange	
409 Diadem	637 Purple Navy	1262 Lt. Pink	
429 Emerald	645 Cork	1402 Linen Color	
438 Red	654 Mahogany	1411 Tarragon	
440 Scarlet	655 Maroon	1416 Claret	
441 Black	656 Chili Brown	1431 Taupe	
444 Deep Red	766 Pekin Blue	1432 Buff	
458 Dk. Rose Pink	767 Lt. Green	1441 Henna	
459 Green	773 Pimento	1446 Silver	
476 Turquoise	862 Natural	1447 Raspberry	
479 Beauty Rose	908 Sal. Rose	1448 Lt. Jade	
501 Jade	920 Skip. Blue	1449 Med. Jade	
522 Navy	933 Delft Blue	1450 Dk. Jade	
524 Saxe Blue	952 Lt. Blue	1451 Lt. Olive	
		1452 Olive	
		1453 Reseda	
		1454 Grotto Blue	
		1455 Peacock	
		1456 Heliotrope	
		1457 Burnt Orange	
		1458 Crab Apple	
		1459 Canary Yellow	
		1460 Topaz	
		1461 Beaver	
		1462 Chartreuse	



**ART. 105 — LILY NOVELTY YARNS**

**Fast Colors**

N- 79 Old Gold	N- 501 Jade	N- 952 Lt. Blue
N- 404 Yellow	N- 656 Chili Brown	N- 984 White
N- 406 Lt. Yellow	N- 767 Lt. Green	N- 993 Med. Blue
N- 440 Scarlet	N- 862 Natural	N-1211 Brown
N- 441 Black	N- 863 Nat. & Gold	N-1447 Raspberry
N- 539 Steel	N- 908 Sal. Rose	N-1462 Chartreuse
N- 459 Green	N- 920 Skip. Blue	



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