
PHILIPPINE MATS.¹

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[This paper is based on original designs by Mrs. Alice Brezina.]

EMBROIDERED MAT DESIGNS.

IT IS better not to decorate a mat at all than to have the design ill fitting. Design is the pleasing arrangement of all spaces unfilled as well as filled. Decoration is for beauty wholly. If all the spaces are not well arranged, the design is not beautiful. If the design is startling or gaudy in color, it is not beautiful. If the arrangement of colors is inharmonious, the design is not beautiful. All mats cannot be in the same proportion and suitable for all designs. Plate LXV, for instance, shows a long design; it requires a long mat, and would not look well on a square one.

All mats here considered are about $\frac{1}{8}$ inch to $\frac{1}{4}$ inch in width of straw. Some of the designs are used exactly as they are, counting a straw for a square which represents a straw in the design; the others are double in size and contain four times as many squares in the weave as in the design. In such cases twice the count of the design will always give the right number for the weave.

In circular mats the directions are given in inches. The sizes of the mats should be taken into consideration, but a variance of a few inches will not matter if that variance always makes the mat larger rather than smaller. In these mats more is left to the judgment of the weaver than in rectangular mats. Designs should never be crowded on circular mats. Repeated groups should always be made exactly alike.

In the color notes, a series of colors set off by commas indicates that each series may be used alone for the whole design. Often the deep colors, especially No. 1, have been left out, as the effect of a very dark color on a very light mat is often startling. Designs on mats or hangings should not be more conspicuous than the mat itself, but should rather present a complete and harmonious appearance when both mat and design are considered as a whole.

¹ This is the third and last part of the article on Philippine Mats which was begun in the September CRAFTSMAN. The second part appeared in the October number.

CIRCULAR MATS.

DESIGN A.

The straws of a circular mat cannot be counted and then divided equally by numbers, as straws are continually added at irregular intervals as the circumference is being reached. Hence, the only way to place designs on a mat of this kind is by dividing the whole mat with a diameter through its center.

Fold the mat and make a crease at the edges or mark a diameter through it with a pencil; at right angles to this diameter draw another through the same center, and the mat will now be divided

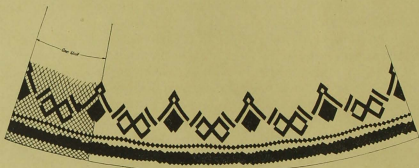


Plate LIX. Circular mat, Design A.

into equal quadrants. The quadrants may again be divided and subdivided, and marked by pencil or with strings.

In Design A the mat is about 57 inches in diameter. In a mat of this size there would be 48 units in the circle with a margin of $1\frac{1}{2}$ inches from the outer edge of the outer border line to the circumference of the mat. Divide the mat into halves, quarters, eighths, and sixteenths, and measure with strings. Each sixteenth contains three units. Divide this space into three equal parts.

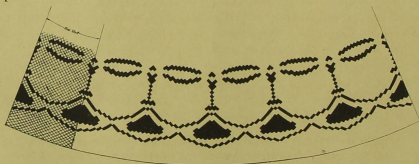


Plate LX. Circular mat, Design B.

Now embroider in each third one exact unit. In weaving in the unit, always commence on its outer edge; then if any slight variation of space has occurred, the irregularity will not be noticeable, as it will be in the line work of the unit, and not in its solid part. Each unit made in working as suggested from the outer edge inward will begin the other half of a solid figure already commenced. Notice the part of the design which has been marked off as one unit, and adhere to that arrangement.

This design may be placed on a mat 57 inches in diameter, or 114 inches in diameter making each figure with twice as many straws as in the first.

In ticug mats of natural straw, this design may be done in the following colors:

No. 2, 3, 6, 9, 10, 12, 15, or 16. (12 and 16 should not be used on sabutan.)

No. 14, with a solid diamond and outer border line in No. 3.

No. 3, 6, 9, or 10, with outer border line extending to edge of mat.

DESIGN B.

In Design B, the mat should be 56 inches in diameter. In each sixteenth of the mat, as in Design A, three units can be spaced. Note the unit marked off in the design and use only this unit; weave its two outer solid parts first, with the irregularities of space occurring in the open part of the unit.²

Mats woven for this design should be 56 or 112 inches in diameter. In mats of the latter size the numbers of straws are all doubled.

In mats of natural straw, the following colors may be used:

No. 2, 3, 6, 10, 15, or 16. (16 should not be used on sabutan.)

CIRCULAR FISH DESIGN.

This design calls for the division of a circular mat into sixths or twelfths, according to the size of the mat. The diameters of mats for this design may be, 244 (about 4 feet); 304 (5 feet); 335 (6 feet); and 366 straws (7 feet). To divide a circle into sixths, mark off the circumference into distances equal to $\frac{1}{2}$ of the diameter.

In a mat of 244 straws diameter, make the outside border line one inch from the edges of the mat. About 9 inches inside of the outer border line, weave another border line one-half inch

² Three units will take up about 3 times 17, or 51 straws. In starting, a curved pattern 51 straws across will have to be made and slipped up or down in a sixteenth division of the mat in order that the margin space may be determined.

wide. Midway between these two border lines, measure and mark the space for the center fish, making it 30 counts long, 20 on the left and 10 on the right of the dividing line.

Measure spaces on the other five dividing lines to locate the central fish of each group. After weaving these central fish, go back to the first group, estimate and mark the place for the upper fish and the lower fish, and weave them, making each of the same size and proportion as the central fish, as shown in the design.

In mat 304, as noted above, the border lines and all the fish are the same size as in mat 244.

In mat 335 all measurements are the same as in the above

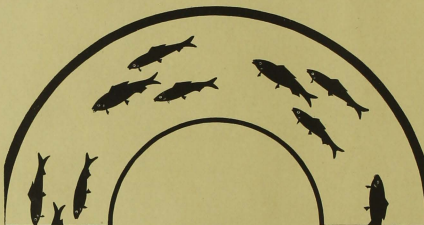


Plate LXI. Circular fish design.

mats, except that the circle is divided into twelfths instead of sixths making twice as many groups of fish.

In mat 366 the outer border line is 2 inches from the edge of the mat instead of 1 inch and is $1\frac{1}{2}$ inches thick. The other measurements are the same as in mat 335.

In mats of natural straw, the following colors may be used: Nos. 2, 3, 6, 10, 12, or 15. (12 should not be used on sabutan.)

GECKO DESIGN.

Mats woven for this design should be of the following diameters: 304 (5 feet); 335 (6 feet); 366 straws (7 feet).

Divide the circle into sixths, then into twelfths. Weave a border band on the edge of the mat $\frac{3}{4}$ inch wide. This band is not in the design but will come outside, and reach to the circumference line in the design. Down one of the twelve dividing lines, inside the border band, measure off $3\frac{1}{2}$ inches and

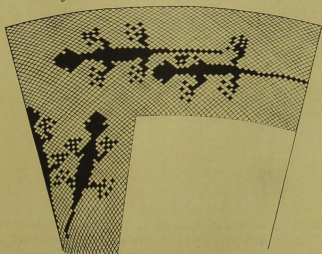
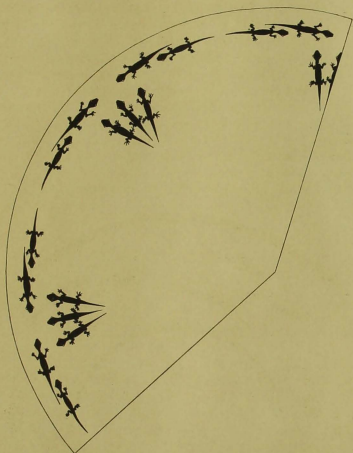


Plate LXII. Gecko design.

weave a gecko, half on one side and half on the other side of the line, extending the trail about $5\frac{1}{2}$ inches toward the center of the mat. Weave the two on each side of this gecko, and the four above it. Now space and weave the other five groups. Each group contains seven figures.

The only difference in the larger mats will be in the spacing between the tails. The groups should be spaced the same as before.

In ticug mats of natural straw, the following colors may be used:

No. 1 with band of No. 3.

No. 1 with band of No. 9.

No. 12 with band of No. 15. (No. 3 should not be used on sabutan.)

No. (singly) 2, 3, 6, 9, 10, or 15.

GEOMETRIC DESIGN F.

The distance from A (the corner of the mat) to B is 12 straws;
 from B to C is 2;
 from C to D is 18;
 from D to E is 29;
 from D to H is 16;
 from H to I is 32;
 from E to F is 19;
 from F to G is 5.

Count from A to B. Weave from B to C and on around the entire mat.

Count from C to D and weave corner D H J E L. Weave all of the four corner designs exactly like D H J E L. Count from E to F and weave the two inner border lines around the entire mat.

Now count from H to I and mark similar points across one side. Weave from H to I. Weave from I to the next point (32 counts distant) the exact design between H and I. Weave at each point marked. Complete all four sides in a similar manner.

Mats woven for this design should be made in the following sizes:

310 by 534—from A to B is 34 straws;

266 by 394—from A to B is 22;

512 by 704—from A to B is 12;

320 by 512—from A to B is 12 (double count);

320 by 576—from A to B is 12 (double count).

In the last two sizes make the design twice as large as the

count; that is, A B should be 24, B C should be 4, C D should be 36, etc.

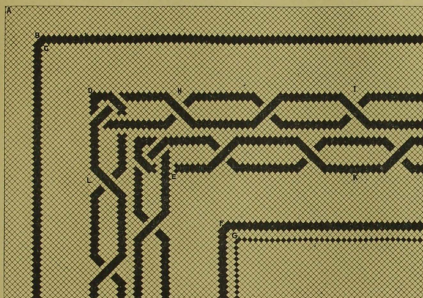


Plate LXIII. Geometric Design F.

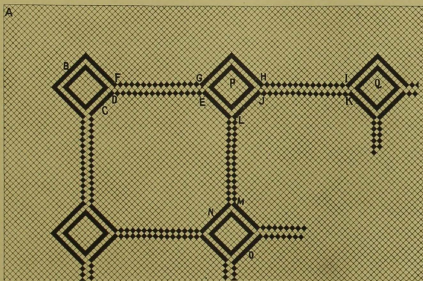


Plate LXIV. Geometric Design V.

In mats of natural color straw, the following colors may be used:

No. 2, 3, 6, 9, 10, 12, 15, or 16, each alone. (12 and 16 should not be used on sabutan.)

GEOMETRIC DESIGN V.

The distance from the corner of the mat A to B is 22 straws;
 from B to C is 12;
 from C to D is 4;
 from D to F is 2;
 from D to E is 15;
 from F to G is 15;
 from L to M is 14;
 from C to N is 38;
 from N to O is 12;
 from F to P is 20; and
 from P to Q is 25.

Count from A to B. At B weave the corner double square and continue on at F D to G E. Now weave the double square G H J E. Next weave the double squares in all four corners of the mat.

Now count from P to Q and mark. In the same way mark all the centers of the squares along the outer border line from corner to corner. Weave these squares, then the lines joining them. Weave down from L to M and continue the design on the inner border line, making double lines like L M as the weaving progresses.

Mats woven for this design should be of the following sizes:

228 by 378—from A to B is 22 straws;

253 by 403—from A to B is 22 straws;

311 by 536—from A to B is 30 straws;

536 by 686—from A to B is 30 straws.

In straw mats of natural color, the following colors may be used:

No. 2, 3, 6, 10, or 15.

GEOMETRIC DESIGN X.

The distance from A (corner of mat) to B is 22 straws (counting the fold at A);

from B to C is 8;

from C to D is 5;

from D to E is 4;

from E to F is 20;

from F to G is 4;

from G to H is 3;

from H to I is 6; and

from J to L is 52.

Count from A to B and weave border line around the entire

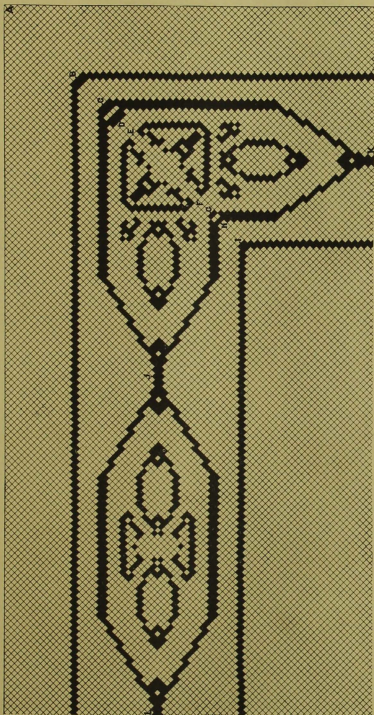


Plate LXV. Geometric Design X.

mat. Count from B to C and weave C D and over to J, back to H over to K and back to C. Weave inner part of corner design. Weave inner border line at I entirely around the mat. Weave all four corner designs. Mark off J L, and L M, and M N, etc. until the corner is reached, making L M, M N, etc. each equal to J L. Weave all designs on side now spaced off. Space off and mark each side of the mat, before weaving. Weave all sides, completing the mat.

Mats woven for this design should be in the following sizes:

269 by 425;

321 by 529;

425 by 685;

165 by 425.

In mats of uncolored straw, the following colors may be used:

No. 2, 3, 6, 9, 12, 15, or 16. (12 and 16 should not be used on sabutan.)

GEOMETRIC DESIGN Z.

The distance from the corner A to B is 12 straws;

from B to C is 3;

from C to D is 16;

from D to E is 8;

from E to F is 26;

from F to G is 17;

from G to H is 4;

from D to K is 17;

from K to L is 12;

from L to M is 17; and

from I to J is 29.

Count down from A to B and weave the border lines B C around the entire mat. Count from C to D and weave the outer square of the corner figure. Complete the corner figure to I and N. Count from F to G and weave G H around the entire mat. Complete all four corner designs.

Count from I to J and mark. From J count a distance equal to I J and mark. Make similar marks until the corner is reached. Weave the design I L M J between all these marks. Space off each side of the mat in the same way and finish the design on all sides.

Mats woven for this design should be of the following sizes:

309 by 541—from A to B is 12 straws;

319 by 551—from A to B is 22 straws;

280 by 454—from A to B is 12 straws;

551 by 696—from A to B is 22 straws.

On mats of uncolored straw, the following colors may be used: No. 2, 3, 6, 9, 10, 15, or 16. (16 should not be used on sabutan.)

No. 14 for border lines and the four large spots in the side of each square; No. 3 for the remainder of the design.

No. 12 with spots and border lines of No. 3.

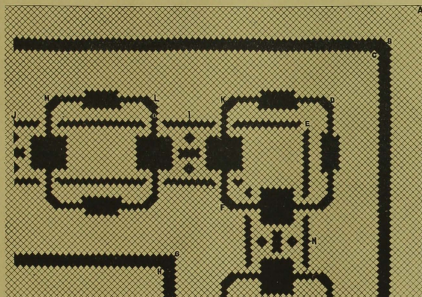


Plate LXVI. Geometric Design Z.

LARGE BANCA DESIGN.³

Distance from corner A to B is 41 straws;

from B to C, 2;

from B to G, 31;

from G to S, 5;

from C to D, 35;

from D to E, 2; and

from D to F, 10.

Begin weaving at letter B and weave the outer border line around the entire mat. Next weave the inside border line beginning at D.

³ This design, in all cases except where G S is 8 instead of 5, would look well with the outer border line broadened to the edge of the mat. This is a suggestion only; it means a great deal of work.

After finishing the border lines, weave all four corner designs
Count from C to H, 9 straws;

from H to I, 5;

from I to J, 27;

from J to K, 5;

from L to M, 6; and

from N to O, 8.

Now weave from O to P. From P to Q is 4 straws, and from
P to R is 7 straws.

Mats woven for this
design should be:

239 by 425;

301 by 487;

301 by 549;

555 by 741.

In the last mat, 555 by
741, G to S is 8 instead
of 5.

On ticug mats of natu-
ral straw this design
may be embroidered in
the following colors:

No. 2, 3, 6, or 15, solid.

No. 14 with border
lines of No. 15 (except
on sabutan).

No. 14 with border
lines of No. 9.

CHICK DESIGN.

The distance from A
to B is 50 straws (count
first fold);

from B to C is 21;

from C to D is 6;

from D to E is 19;

from E to F is 7;

from F to G is 18;

from H to I is 5; and

from G to J is 54.

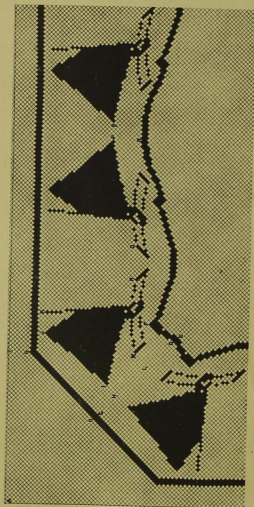


Plate LXVII. Large banca design.

Count down from corner A to B and weave the corner design. Now weave all four corner designs. Begin at F and weave the inner border line entirely around the mat.

Count from F to G and weave the design above G. Count from H to I and weave the second design. Now count from G to J and weave the figure above J exactly like the figure above G.

Mats woven for this design should be 254 by 416, 308 by 524, 416 by 524, or 590 by 806 straws. The last mat has a change in margin, and the distance from A to B is 58 straws.

This mat may be embroidered in the following colors:

No. 3, 6, 10, or 15.

ORCHID DESIGN.

The distance from the corner A to B is 13 straws;

from B to C, 2;

from C to D, 19;

from D to E, 35;

from E to F, 17;

from C to F, 71;

from F to G, 2;

from G to H, 19;

from M to N, 6;

from F to M, 67;

from M to K, 13; and

from K to J, 19.

Begin weaving at B and weave the outside border line around the entire mat. Next count from C to F and weave the inside border line. Now weave



Plate LXVIII. Chick design.

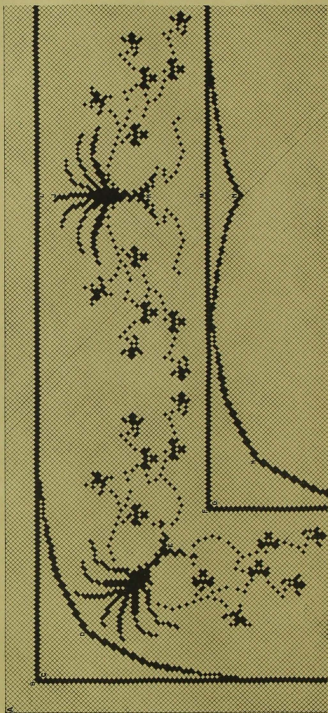


Plate LXIX. Orchid design.

all four corner designs. Count from F to M, then up to K, and weave from K to J.⁴

To find the position of the next design count 81 straws beyond L along the inner border line, and then up the same distance as L K.

Mats woven for this design should be 301 by 544; 220 by 382; 301 by 463; and 550 by 712 straws. In mat 550 by 712, A B is 17 straws.

In mats of natural color straw, the following colors may be used in the designs:

No. 2, 3, 6, or 15 solid.

No. 3 with flowers of 1 and border lines of No. 9 except in sabutan.

No. 12 with flowers of 7 and border lines of No. 15.

WOMAN CARRYING CLOTHES DESIGN.

The distance from A to B is 29 straws;

from B to C is 2;

from C to D is 36;

from I to J is 3;

from B to E is 11;

from E to K is 9;

from F to G is 3; and

from G to H is 10.

Count from A, the corner of the mat, to B. At B begin to weave the border line. Weave first to E, then entirely around the mat.

Now count from C to D and weave the inner border line entirely around the mat. Next, weave in the four



Plate LXX. Woman carrying clothes design.

⁴Weave large solid parts of designs first, when possible, and slight mistakes of one or two straws, which may happen, will then occur in open parts where they will show very little. Mistakes of this kind are only allowable in cases of flaws in the mat which is used.

corner designs. Count from E to F, then down to G. From G to H is 10 straws. Now weave the first two designs on the side and then the next two, and so on.

Mats woven for this design should be 300 by 392; 304 by 534; 254 by 346; or 568 by 706.

On all of these mats the design will look better if twice the size of the pattern. Therefore all the above distances will be double, or as follows:

A to B, 58 straws;	C to D, 72 straws;
B to C, 4;	I to J, 6;
B to E, 22;	E to K, 18;
E to F, 42;	F to G, 6.

In mat 304 by 534, E to K is 20 and A to B is 51 (already double). In mat 568 by 706, from A (corner of mat) to B is 39, making E to K 14 straws (already doubled).

This design in ticug straw will work up well in No. 5 solid; in No. 4 solid; in No. 3 solid; in No. 5 with No. 2 as inner and outer border line, or with No. 1 as inner and outer border line.

This design on sabutan straw may be made in No. 1 solid; in No. 2 solid; in No. 5 solid; in No. 6 solid; in No. 2 with No. 1 for border lines; in No. 4 with No. 1 for border lines; or in No. 5 with No. 1 for border lines.

This design will work up well in the following colors: No. 2, 3, 6, or 15.

LAVANDERA DESIGN.

The distance from A to B is 15 straws;

- from B to C is 4;
- from C to D is 40;
- from D to E is 21;
- from E to F is 3;
- from F to G is 4;
- from G to H is 3;
- from D to I is 12;
- from I to J is 13;
- from I to K is 18;
- from K to O is 5;
- from O to L is 2;
- from L to M is 26; and
- from M to N is 28.

Count down from A to B and mark B and C. Place similar marks at the three other corners of the mat. Weave the border

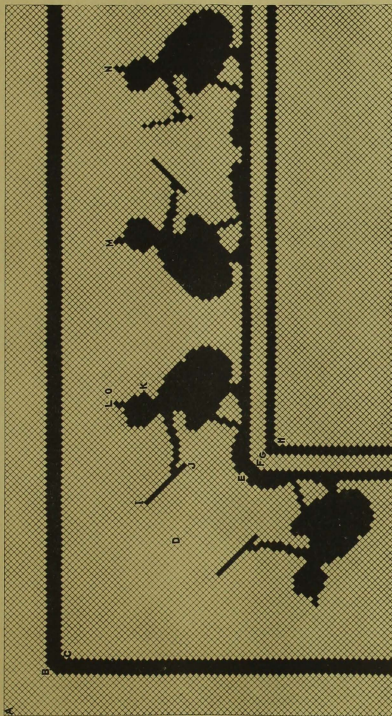


Plate LXXI. Lavandera design.

line around the entire mat, touching the marked points. Count from C to G, mark, and do the same in the other three corners.

Weave G H around the mat, touching the marked points at the corners. Count from C to D and over to I, and weave I J. Weave the whole figure just started, and the figure facing it, including the ground line beneath. Weave the other corners in a similar manner.

At K count to O, back to L, over to M, and weave the figure beneath M. Mark off L M and M N. Now continue marking alternately across the side spaces equal to L M and M N, making the last space equal to L M. Weave the figure between these marks and continue marking and weaving in the same way on the other sides.

Mats woven for this design should be made:

- 237 by 399;
- 345 by 507;
- 690 by 1014 (units double size);
- 453 by 615.

In ticug mats of natural straw the following colors may be used:

No. 2, 3, 6, 9, 10, 15, or 16, solid. (16 should not be used on sabutan.)

MAN WITH BOW AND ARROW DESIGN.

The distance from A to B is 20 straws;

- from B to C is 2;
- from C to D is 30;
- from D to E is 17;
- from E to F is 66;
- from F to G is 3;
- from G to H is $11\frac{1}{2}$;
- from H to I is 9;
- from J to K is 17;
- from I to L is 33; and
- from L to M is $14\frac{1}{2}$.

Count from A to B. At B weave the border band around the entire mat. Count from C to F (113) and weave the inner border line around the entire mat. Now weave all four corner designs. Count from G to H and up to I, and weave the two figures.

To place the next two figures, which are exactly like the two just woven, count out from J, 17 straws, and repeat from K which is the tip of the arrow of the first figure, just made.

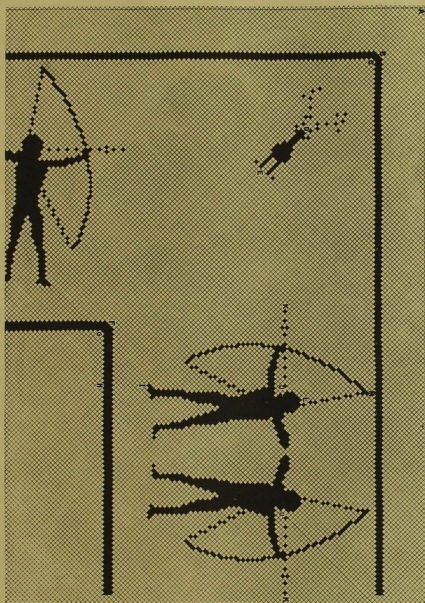


Plate LXXII. Man with bow and arrow design.

Mats woven for this design should be:

345 by 501, 9 straws;

505 by 739, 11;

739 by 1051, 11.

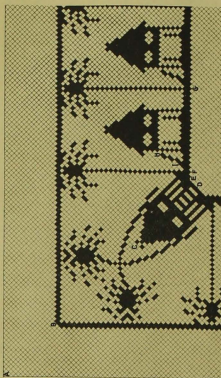


Plate LXXIII. Casa design.

In mats 505 by 739, and 739 by 1051, from A to B is 24 straws.

This design in ticug may be worked up in the following colors on natural color straw:

Solid, No. 2, 3, 6, 10, or 15.

CASA DESIGN.

The distance from the corner A to B is 22 straws;

from B to C is 33;

from C to D is 24; and

from F to G is 17.

Count down from A to B and weave border line around the entire mat. Now count from B to D and from D to E, $3\frac{1}{2}$ straws, and commence weaving the inner border line. When completed, weave in all four corner designs. Count from F to G and weave in the next design,

and so on. Let H I, the steps, be on the left of every casa except the corner ones.

Mats woven for this design should be 254 by 407 straws; 271 by 424; 304 by 542 (double); 406 by 542 (double); or 576 by 712. In the last three of these, 304 by 542, 406 by 542, and 576 by 712, the counts should all be doubled, the designs being twice the size of those in the first two mats; that is, from A to B will be 44, B to C 66, and so on.

Ticug mats in natural straw may be embroidered in the following colors:

No. 14 for casa, No. 12 for tree, No. 15 for border lines except on sabutan;

No. 3 for casa, No. 15 for tree, No. 8 for border lines; and Nos. 2, 3, 6, 9, 10, 12, 15, or 16, solid;

No. 16 should not be used on sabutan.

CHICKEN VENDER DESIGN.

The distance from the corner A to B is 15 straws, counting the corner fold as 1. All counts in this design are woven double.

Therefore from A to B is 30;
 from B to C is 17 by 2 or 34;
 from C to D is 44;
 from E to G is 16;
 from F to H is 14;
 from B to D is 78;
 from G to I is 24; and
 from J to K is 30.

Notice that the space on the right of the corner is one less than the space on the left; this will occur on the right and left of each corner. Count down from corner A to B and weave a line entirely around the mat. Count from B to D and weave the inner border line. Now weave the basket in each corner. Then weave from G to I and J to K, and so on.

Mats woven for this design should be:

332 (7) by 512 (12)—from A to B is 30 straws;
 260 (5) by 404 (9)—from A to B is 30;
 260 (5) by 476 (11)—from A to B is 30; or
 512 by 692 (17)—from A to B is 30.

On ticug mats of natural color this design may be embroidered in the following colors:

No. 2, 3, 6, 9, 10, 12, 15, or 16. (16 should not be used on sabutan).

No. 14 with a single straw outline and solid border lines of No. 9, 8, or 3.

No. 14 with outlines of No. 3 and baskets and hats of No. 1, except on sabutan.

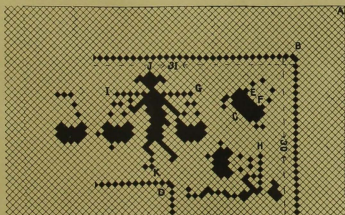


Plate LXXIV. Chicken vender design.

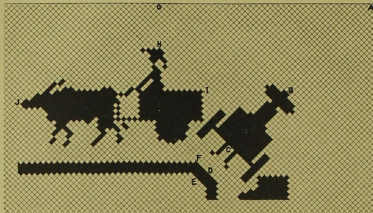


Plate LXXV. Carabao cart and driver design.

CARABAO, CART, AND DRIVER DESIGN.

The distance from A to B is 32 straws, but it must be woven twice that size, making A B equal 64.

All the sizes given below are double the count on the drawings:

- from A to B is 64;
- from B to C is 40;
- from C to D is 18;
- from D to E is 6;
- from D to F is 8;
- from A to D is 122;
- from B to I is 30; and
- from G to H is 16.

Count from the corner A to B and weave B C. Count from A to D and mark off D. Count from C to D and test the count. From each corner of the mat make a count similar to A D and mark. Weave the border line, commencing at D, around the entire mat, touching the marks at the corners. Weave design B C, and a similar design in each remaining corner. Count from B to I and weave design I J. At J count 2 and weave another design like I J facing I J. The space between the backs of the carts, not shown on this diagram, is 6.

Mats woven for this design should be in the following sizes:

- 258 by 396;
- 258 by 534;
- 396 by 534;
- 534 by 672; or
- 672 by 810.

In ticug mats of natural color straw the following colors may be used:

Singly, No. 2, 3, 6, 10, or 15; and No. 3 with border line of No. 9.

ROOSTER DESIGN.

The distance from the corner A to B is 13 by 2 or 26 (counts in this design are all double); from B to C is 28 by 2 or 56; from C to D is 5 by 2 or 10; from D to E is 26 by 2 or 52; from E to F is 3 by 2 or 6; from E to O is 3; from O to G is 11; from H to J is 11; from G to H is 56 by 2 or 112.

Count from A to B in all four corners and mark B in each corner. Join all the B's by a double border line. At the first B count down to C and over to D and weave D E. Count from E to O and up to G and mark. Mark H, counting from G. Mark J, counting from H. Mark all points similar to H and J on this side of the mat, counting back from the corner a space equal to G B. Now weave all designs on this side of the mat. Mark off spaces on each side of the mat before weaving that side.

Mats woven for this design should be 202 by 538; 314 by 538; or 426 by 650.

In ticug mats of natural color straw, the following colors may be used:

No. 2, 3, 6, 10, 15, or 16. (16 should not be used on sabutan).

No. 3, cock; No. 14, comb, (three squares from I to C and two above M); No. 1, legs and feet; No. 15, grass and other

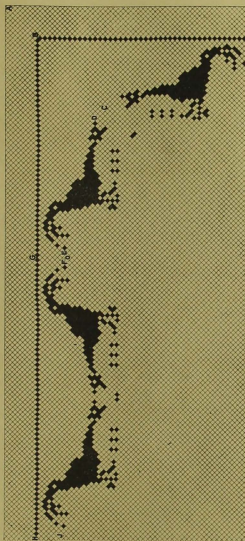


Plate LXXVI. Rooster design.

border line. (On sabutan use No. 14 instead of No. 1 for legs and feet).

CARABAO HEAD DESIGN.

The distance from A to B is 25 straws;

from B to C is 3;

from C to D is 23;

from D to E is 3;

from E to F is 4;

from F to G is 11;

from G to H is 31;

from F to I is 22;

from H to J is 3;

from I to K is 37;

from L to M is 11;

from I to N is 12;

from N to O is $12\frac{1}{2}$; and

from I to P is 7.

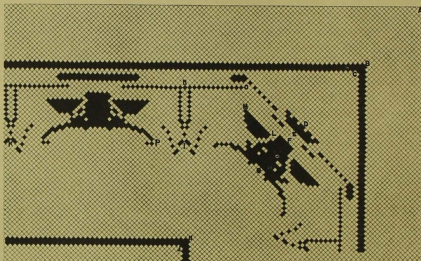


Plate LXXVII. Carabao head design

Count from the corner A to B and mark. Count the same number in from every corner and mark. At B weave the border line the thickness of B C around the entire mat, intersecting the marks at the other three corners.

Count C D and weave the corner design D G. Count from G to H and mark. Count from B to H and see if the mark is correct. Mark off B H in the other three corners and weave the border line H J around the entire mat. Now weave the

other three corner designs. Count from F to I and mark. Count from I to K and mark.

From K on, mark off distances like I K along this side of the mat until the last point is reached. The remaining space to the point similar to F will equal I F. Now weave the intervening designs, and complete the mat.

Mats woven for this design should be of the following sizes:

- 319 by 541;
- 257 by 405;
- 490 by 712; or
- 393 by 541.

In ticug mats of natural color straw the following colors may be used:

- No. 3, carabao and all border lines; No. 15, grasses.
- No. 2, 3, 6, 9, or 15.

FISHTAIL PALM DESIGN.

This is an "all over" design. The unit counts are as follows:

- from A to B is 33 straws;
- from B to C is 11;
- from C to D is 22;
- from E to F is 35;
- from E to G is 5.

From the corner of the mat, A, on the long edge, count down to B. At B count in to C. Mark C O D E F and weave the design. From D count 44, and a point similar to C will be reached. Weave the same pattern again. From F count 55, and a point similar to E will be reached. Weave the same pattern again.

Measuring as at the first corner A, mark off spaces and weave all three other corner designs. Weave all intervening designs, first between corners on the sides of the mat, then on the interior.

Mats woven for this design should be:

- 374 by 520;
- 506 by 700;
- 572 by 790;
- 638 by 880.

On ticug mats of natural straw, the following colors may be used separately, not in combination:

- No. 2, 3, 5, 6, 9, 10, or 15.

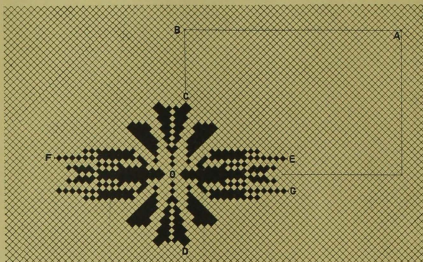


Plate LXXVIII. Detail of fishtail palm design.

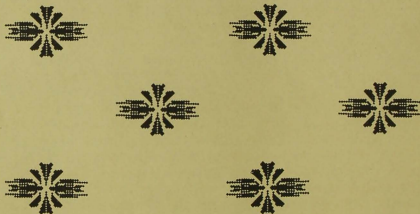


Plate LXXIX. Arrangement of fishtail palm designs.