

Patterns Class

Ten Variations in One Sampler

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Objective

In this sampler you will find most of the widely used four harness techniques. There are ten very useful threadings to be woven on a number of tie-ups and traddlings. Because weavers so often stick to the patterns they are used to, this exercise was designed to experiment.

There is easy opportunity to select techniques for future projects. The sampler shows comparisons between various threadings and treadlings, both orthodox and unorthodox, so that you will know what results to anticipate in departures from traditional “tromp as writ”. There will be exciting new pattern ideas and some treadlings that just will not work. However, it is hoped that after this experimentation you will have gained confidence to undertake many original projects.

The reverse side of the sampler must not be ignored; most of the designs will be different on the back, in some cases more usable and interesting. Be sure to designate which was your original “topside” weaving. Some marker should also be put into or around the section that is the traditional treadling for each particular threading.

Keep in mind that different weft materials, or weft of the same color as the warp, would be more orthodox for some of the sections. Wool is normally used as the pattern weft for Overshot and Summer and Winter. The weft color is usually the same as the warp when weaving Huck or the Bronsons, but because this sampler is meant to be a study of the effects of many treadlings, the entire sampler is woven on a light cotton warp with a bright colored weft for sharp contrast, to show the weaves more clearly.

Hemstitch or fringe the ends of the sampler. Wash it and press it. Above all, USE it in thinking of future projects.

Materials

WARP: Mercerized Pearl Cotton 10/2. 6 oz. white and 1 oz. black. Sett 24 ends to the inch in a 12 inch reed. 576 ends 2 1/2 yards long.

WEFT: Mercerized Pearl Cotton 10/2 white and black, same as warp. 10/2 and 3/2 Pearl Cotton in a bright color.

Dressing the Loom

Warping Sequence

Color	Number of Ends	Pattern
Black	6	Selvage
White	38	Twill
Black	2	Divider
White	36	Rosepath
Black	2	Divider
White	110	Overshot
Black	2	Divider
White	40	Monk's Belt
Black	2	Divider
White	56	M's and O's
Black	2	Divider
White	36	Huck
Black	2	Divider
White	56	Honeycomb
Black	2	Divider
White	54	Lace Bronson
Black	2	Divider
White	60	Summer & Winter
Black	2	Divider
White	60	Crackle
Black	6	Selvage

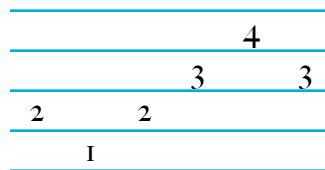
Heddle Count

Harness	Left Half	Right Half	Total
Harness #1	87	67	154
Harness #2	68	84	152
Harness #3	66	78	144
Harness #4	62	63	125

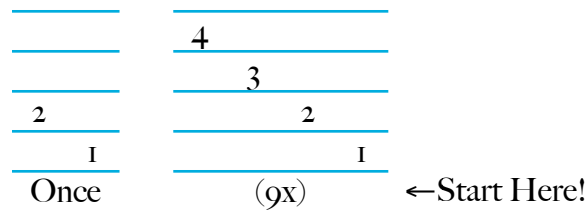
Threading:

Read from the right; start from the right!

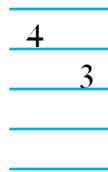
SELVAGE - Black - 6 ends.



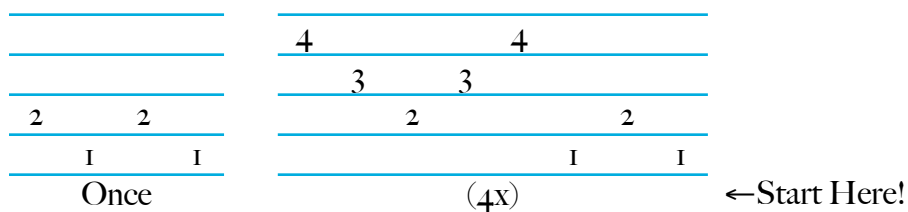
TWILL - White - 38 ends.



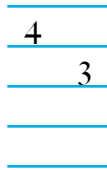
DIVIDER - Black - 2 ends.



ROSEPATH - White - 36 ends.

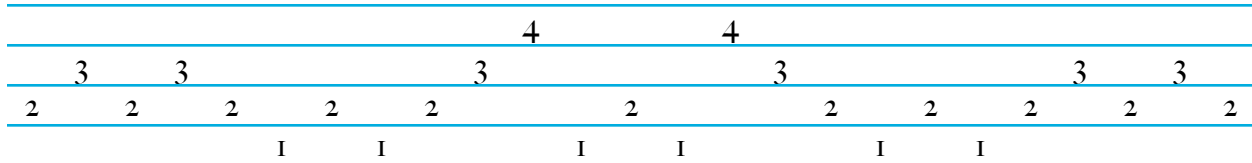


DIVIDER - Black - 2 ends.

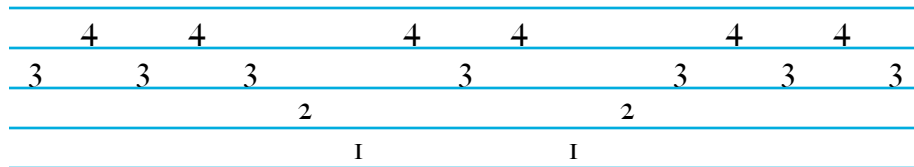


OVERSHOT - White - 109 ends. Thread blocks: A B A B A

Pattern Name: Nappy's Butterflies Davison p. 144

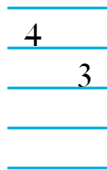


Block A - 25 ends

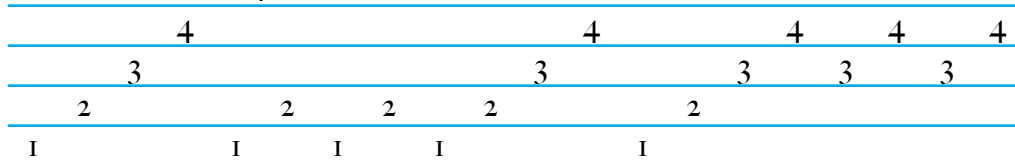


Block B - 17 ends

DIVIDER - Black - 2 ends.

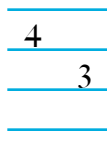


MONK'S BELT - White - 40 ends.

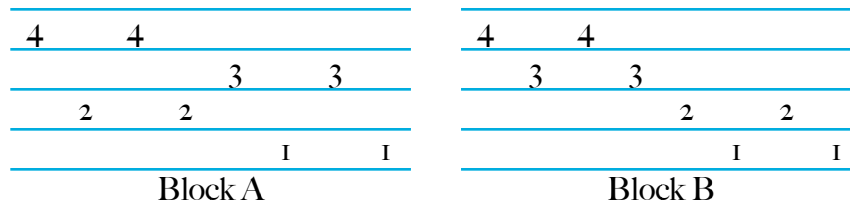


(Thread Twice)

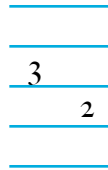
DIVIDER - Black - 2 ends.



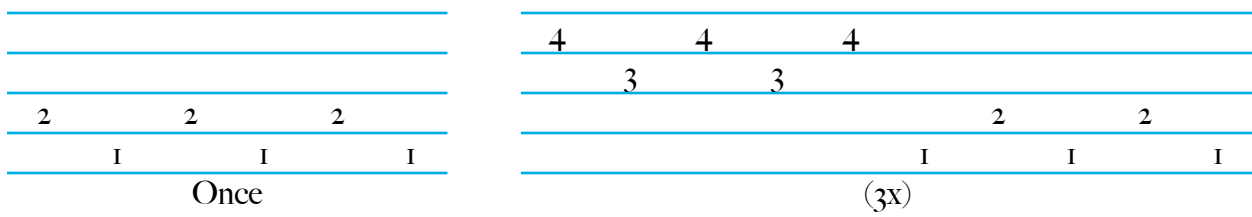
M's and O's - White - 56 ends. Thread Blocks: A B B A B B A



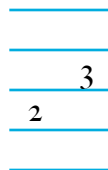
DIVIDER - Black - 2 ends.



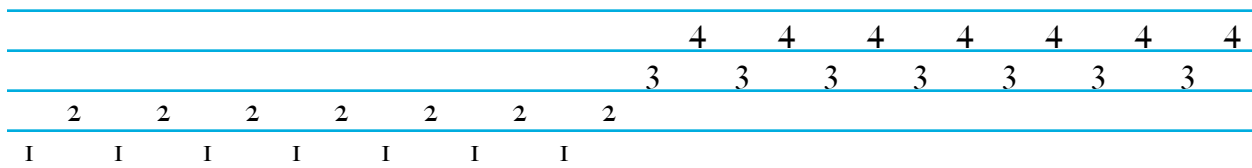
HUCK - White - 36 ends.



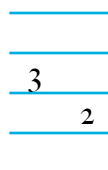
DIVIDER - Black - 2 ends



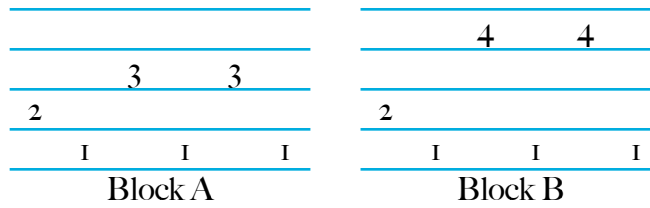
HONEYCOMB - White - 56 ends. Thread draft 2x.



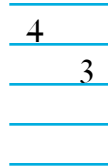
DIVIDER - Black - 2 ends.



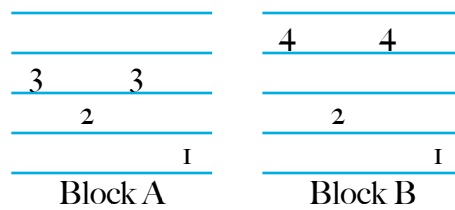
LACE BRONSON - White - 54 ends. Thread Blocks: A BB AAA BB A



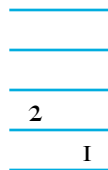
DIVIDER - Black - 2 ends.



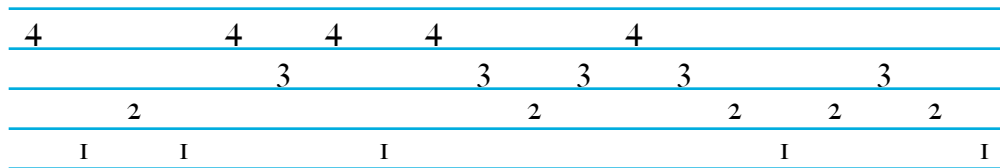
SUMMER AND WINTER - White - 60 ends. Thread Blocks: AA BB AA BBB AA BB AA



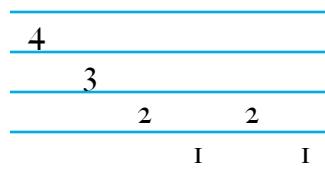
DIVIDER - Black - 2 ends.



CRACKLE - White - 60 ends. Thread draft 3x.



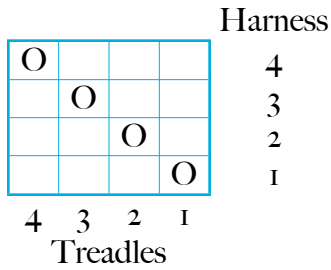
SELVAGE - Black - 6 ends.



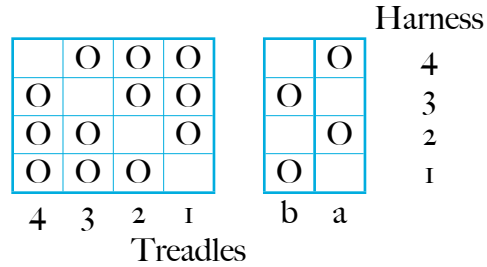
Weaving Procedure and Treadle Tie-Ups

These tie-ups are for Jack-type looms. Tabby treadles may be placed to right or left of the pattern treadles, or one on each side to suit individual treadling habits. Direct tie-up (#1 harness to #1 treadle, etc.) will be used for the heading and the beginning twill patterns.

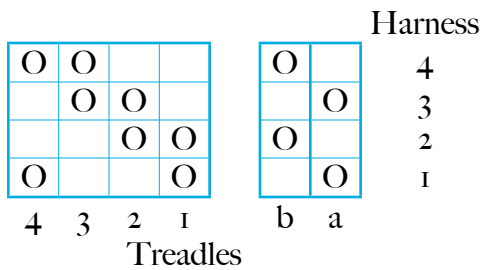
DIRECT TIE-UP:



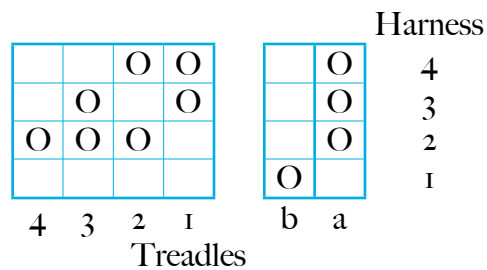
HONEYCOMB TIE-UP:



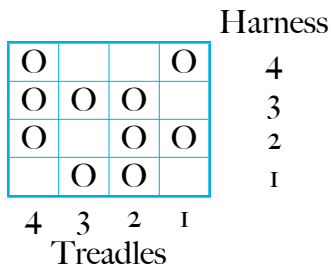
STANDARD TIE-UP:



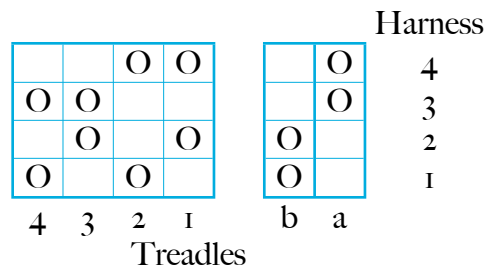
LACE BRONSON TIE-UP:



HUCK TIE-UP:



SUMMER AND WINTER TIE-UP:



Shuttles:

1 White 10/2; 1 Black 10/2; 1 Colored 10/2; 1 Same Color 3/2

Begin to Weave:

Heading - Direct Tie-up

Tabby Treadling: 1-3; 2-4

20 shots White 10/2

12 shots Black 10/2

8 shots White 10/2

Twill: Direct Tie-up; Colored Pearl 10/2

Weave one inch of each of the following. Separate each inch with four shots of white tabby.

1. 3-4; 1-4; 3-4; 1-2

4. 1-4; 2-4; 1-3

2. 3-4; 1-3; 1-4; 2-4

5. 1-2; 1-4; 3-4; 4

3. 1-2; 3-4; 1-3; 2-4

6. 4; 1-3; 2; 1-3

Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

Rosepath: Direct Tie-up; Colored Pearl 10/2

Repeat treadling 10x.

3-4; 2-3; 1-2; 1-4; 1-2; 2-3

Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

Overshot: Nappy's Butterflies. Standard Tie-up; Colored Pearl 3/2; White tabby.

1. Alternate tabby shots a and b between pattern shots

2 (3x)	3 (3x)
1 (3x)	2
2	1
3	4
4	3
1	2
4	3
3	4
2	1
1 (3x)	2
2 (3x)	3 (3x)

2. Treadle on Opposites (No tabby)

3
1
4
2
1
3
4
2
3
1
4
2 (etc)

Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

Monk's Belt: Standard Tie-up; colored Pearl $\frac{3}{2}$. White tabby between each pattern shot.

3 (5x)

1 (2x)

3 (2x)

Repeat entire sequence.

1 (5x)

3 (2x)

1 (2x)

Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

M's and O's: Standard Tie-up; Colored Pearl $\frac{10}{2}$

a)

(4x)

b)

1)

(8x)

3)

a)

(4x)

b)

1)

(8x)

3)

a)

(4x)

b)

Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

Huck: Huck Tie-up; Colored Pearl 10/2

1
2
1
2
1
3
4
3
4
3 Repeat entire sequence six times.

Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

Honeycomb: Honeycomb Tie-up; Colored Pearl 10/2 and 3/2. Weave pattern shots with 10/2.
Weave tabby shots with 3/2.

1) (7x)
2)
a
b
3) (7x)
4)
a
b

Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

Lace Bronson: Lace Bronson Tie-up; Colored Pearl 10/2. Treadle Blocks in this order:
A BB AAA BB A

Block A:

b
2
b
2
b
2

Block B:

b
3
b
3
b
a

Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

Summer and Winter: Summer and Winter Tie-up; White 10/2 for tabby; colored 3/2 for pattern.

1.

Block A:

1
a
2
b

Block B:

3
a
4
b

Treadle blocks in this order: AA BB AAA BB AA

2. Treadle tabby: a; b; a; b.

3. Now reverse the tabby treadles:

Block A:

1
b
2
a

Block B:

3
b
4
a

Treadle blocks: AA BB AAA BB AA

4. Treadle tabby: b; a; b; a

5. Weaving the combinations “in pairs”

Block A:

1
a
2
b
2
a
1
b

Block B:

3
a
4
b
4
a
3
b

Treadle blocks in this order: AA BB AAA BB AA

 Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

Crackle: Direct Tie-up: colored $\frac{3}{2}$: white $\frac{10}{2}$ tabby between each pattern shot.

Treadle: 3-4 (6x); 1-4 (6x); 1-2 (6x); 2-3 (6x)

Divider: 4 shots white tabby; 4 shots black tabby; 4 shots white tabby.

More Twills (optional): Direct Tie-up; Colored Pearl $\frac{10}{2}$.

1. Treadle: 2-4; 1-3; 2-3-4; 1-3-4
2. Treadle: 1-4; 1-3; 1-4; 2-3-4
3. Treadle: 2-3-4; 4; 1-3-4; 1
4. Treadle: 1-2-3; 1-2-4; 2-4; 1-3; 1-3-4; 2-3-4; 2-4; 1-3
5. Treadle: 2-4; 1-3; 2-3-4; 1-3-4; 1-2-4; 1-2-3
6. Treadle: 1-3; 4; 1; 2-4; 1; 4

Weave about one inch of each of the above treadlings.

Heading: 8 shots white tabby; 12 shots black tabby; 20 shots white tabby.

Finishing: Hemstitch the end white still on the loom. Or tie fringes at both ends. Or machine stitch.