Notes on Card-Weaving. Plate No. XIII

Threading

A B C D

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

← or →

← Center

Any width.

Pattern No. 30 A

A B C D

1 2 3 4 5 6 7 A B 8 9 B A 10 11 A B 12 13 A B 14 15 A B 16 17 B A 18 19 A B 20 21 A B

30.A re-arranged. (a)

Any width

Threading & Warping

A B C D

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

65 24 16 8 — 4 shades, from dark to light color X

52 24 16 8 — 4 shades, from light to dark, color Y.

← Center

Pattern No. 30, B Shaded.

A B C D

1 2 3 4 5 6 7 A B 8 9 A B 10 11 A B 12 13 A B 14 15 A B 16 17 A B 18 19 A B 20

30.A re-arranged. (b)

Any width

A B C D

1 2 3 4 5 6 A B A B 7 8 B A 9 A B 10 A B 11 B A 12 A B 13 A B 14 A B 15 B A 16 A B 17 A B 18 19 B A 20

30.A re-arranged. (c)

Any width.

On this simple threading — either 30 A, or 30.3 — the more elaborate work is made. Any of the Scandinavian 2-block weaving pattern, such as "Monk's Belt" may be readily copied in this weave. On a wide ribbon with a large number of cards very elaborate cross-stitch pattern, names, initials, inscriptions, emblems, etc., may be woven, simply by re-arranging the cards as indicated in the diagrams. A ribbon one color on one side and a different color on the other may be made by weaving 2 quarter turns forward & 2 back this weaving with the cards arranged as in diagram "b" will weave longitudinal stripes.

~~[illegible]~~ 530
Atwater, Mary Meigs.
Blue Prints of weaving patterns, 1917.

Series C., Miscellaneous.
Group IV., "304-4 Special."
No. 49., "Laurel-Blossom."

M.M.A. ©



To Weave:

Large Blocks:

1-4.	10
1-2.	1
2-3.	2
1-2.	1
1-4.	10

Diamond:

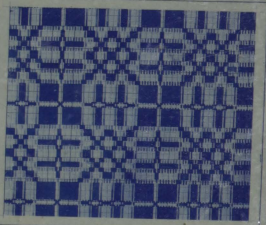
3-4.	3
2-3.	4
1-2.	3
1-4.	3
1-2.	3
2-3.	4
1-2.	3
1-4.	3
1-2.	3
2-3.	4
3-4.	3

Repeat:
1-4. 10
etc.

Note: these weaving directions are for looms operating with a rising shed. For treadle looms, transpose to opposites, as: 2-3, 10 / 3-4, 1 / 1-4, 2 / 3-4, 1 2-3, 10, etc. The number of weft threads varies with yarn used, hence figures in the third column are approximate only. Weave to reproduce the pattern as illustrated.

Weave a tabby thread after each thread of the pattern, alternating 1-3 & 2-4

Tabby: 1-3 & 2-4



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Mary M. Atwater,
Basin, Montana.

Heddles:

4	68
3	100
2	84
1	52
	304

Series C., Miscellaneous.
Group IV., "304-4 Special."
No. 48., "Diamonds".



To Weave:

"a" Lozenge

First Lozenge:
3-4, 2
1-4, 2
1-2, 2
2-3, 2
1-2, 2
1-4, 2
3-4, 2
2-3, 2

Second Lozenge:
1-2, 2
1-4, 2
1-2, 2
2-3, 2

Repeat: 3-4, 2 etc.

"b"

3-4, 3
1-4, 3
3-4, 3
2-3, 3

Repeat: 3-4, 3 etc.

"C" Rose in the Wilderness"

Figure I Diamonds, Repeat 3 times:
3-4, 4
1-4, 3
1-2, 3
2-3, 3
3-4, 4
2-3, 3
1-2, 3
1-4, 3

Figure II:
3-4, 4
2-3, 2
1-2, 2
2-3, 2
1-2, 2
2-3, 2
1-2, 2
2-3, 2
1-2, 2
2-3, 2

Figure I once only: as above
Figure II: as above
Repeat: 4 times
Figure I, 3 times etc.

"d" Waves

3-4, 2
2-3, 2
1-2, 2
1-4, 2

Repeat: 3-4, 2 etc.

"e" Holland Chain

3-4, 4
1-4, 3
1-2, 3
2-3, 3
3-4, 4
2-3, 3
3-4, 4
1-4, 3
1-2, 4
1-4, 3
3-4, 4
2-3, 3
3-4, 4
2-3, 3
1-2, 3
1-4, 3
3-4, 4
1-4, 3

Repeat: 3-4, 4

"f" Scallops and "g" Norwegian Border

can readily be reproduced from the illustration. The heavy blocks are produced by raising one harness, only, thus the fourth motif of "g" is woven thus:

2, 4
3-4, 3
2, 4
1, 4
1-2, 3
1, 4

Tabby: 1-3 & 2-4



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Basin Montana.

Series C., Miscellaneous.
Group IV., "304-4 Special".
No. 47., "Over 3 & Under 1".



To Weave

Border — A to B

A
- 1 - 2, 1
- 1 - 4, 1
- 1 - 2, 1
- 1 - 4, 1
- 1 - 2, 1

Block 1 Square 1
- 1 - 4, 1
- 1 - 2, 1
- 1 - 4, 1
- 1 - 2, 1
- 1 - 4, 1
- 1 - 2, 1
- 1 - 4, 1
- 1 - 2, 1

Diamonds
- 2 × { 2 - 3, 1 ; 3 - 4, 2 ; 2 - 3, 1 }
- 1 × { 1 - 2, 1 ; 1 - 4, 2 ; 1 - 2, 1 }
- 2 × { 2 - 3, 1 ; 3 - 4, 2 ; 2 - 3, 1 }
- 1 × { 1 - 2, 1 ; 1 - 4, 2 ; 1 - 2, 1 }

repeat as often as required for large center square.

Repeat border in reverse order—B to A

(continuation)

- 2 × { 2 - 3, 1 ; 3 - 4, 2 ; 2 - 3, 1 }

Square 1 { as above

Block 2 Square 2
- 2 - 3, 1
- 3 - 4, 1
- 2 - 3, 1
- 3 - 4, 1
- 2 - 3, 1
- 3 - 4, 1
- 2 - 3, 1
- 3 - 4, 1
- 2 - 3, 1

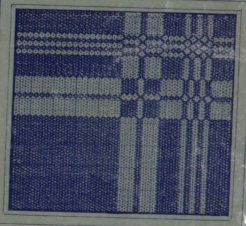
Cross 1
- 1 - 2, 1
- 1 - 4, 2
- 1 - 2, 1

Square 2 { as above

B →

- 1 × { 1 - 2, 1 ; 1 - 4, 1 }

Note: any two-block pattern may be drafted and woven in this manner, and the blocks may be any size desired. The pattern illustrated consists of a good border and a plain center. It is well adapted to the weaving of runners for a library table or for square mats. Two strips each 20" long (2 complete squares) may be sewed together to make a pillow-top. Weave with a tabby.



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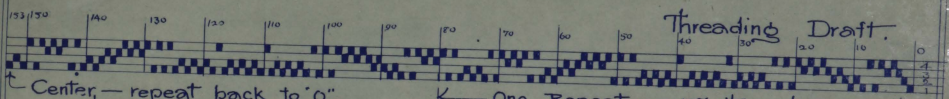
Tabby: 1-3 & 2-4.

Heddles

4	76
3	116
2	76
1	36
	304

Series C., Miscellaneous.
Group IV., "304-4 Special."
No. 46., "Maltese Cross."



To Weave:

3-4,	3
2-3,	2
1-2,	2
1-4,	3
3-4,	4
2-3,	4
1-2,	5
2-3,	2
1-2,	5
2-3,	2
1-2,	5
2-3,	4
3-4,	4
1-4,	3
1-2,	2
2-3,	2
3-4,	3
2-3,	2
1-2,	3
2-3,	2

Small Circle

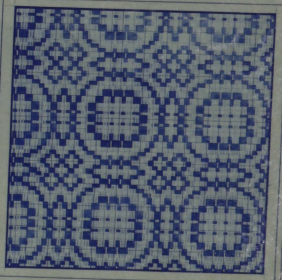
Large Circle

Ear

Repeat:
3-4, 3, etc.

Note: these weaving directions are for looms operating with a rising shed. For treadle looms, transpose to opposites. as: 1-2, 3/1-4, 2/3-4, 2-2-3, 3, etc.
Weave with a tabby thread after each thread of the pattern, alternating 1-3 & 2-4.

Tabby: 1-3 & 2-4.



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Heddles

4	84
3	48
2	68
1	104
	304

M.M.A.

Series C., Miscellaneous.

Group IV., "304-4 Special."

No., 45., "German Star."

Threading Draft.



To Weave:

Point of Diamond I → 1-4. 3
3-4. 3
2-3. 3
1-2. 3

Center of Star I
1-4. 3
3-4. 3
2-3. 2
3-4. 2
2-3. 2
3-4. 3
1-4. 3

1-2. 3
2-3. 3

Point of diamond I → 3-4. 3
1-4. 3
and star II

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

Point of Star I → 3-4. 3
1-4. 3
and diamond II

(Continuation)

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

Center of Star II
1-4. 3
1-2. 3
2-3. 2
1-2. 2
2-3. 2
1-2. 3
1-4. 3

3-4. 3
2-3. 3

Point of diamond II
1-2. 3
1-4. 3
3-4. 3
2-3. 2
3-4. 2
2-3. 3
1-2. 2

Point of Star II
2-3. 2
1-2. 3

Repeat from beginning:
1-4. 3. etc.

Note: the weaving directions are for looms operating with a rising shed. For treadle looms, transpose to opposites, as: 2-3, 3/ 1-2, 3/ 1-4, 3 etc.. For a large piece of work, thread two more threads under each block and weave accordingly.

Tabby: 1-3 & 2-4.

Heddles	
4	70
3	79
2	82
1	73
	304



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Weave with a tabby thread after each thread of pattern, alternating 1-3 & 2-4.

©

Series C., Miscellaneous.

Group IV., "304-4 Special"

No. 44., "Wheat." – a group of simple fine weaves without a "tabby".

3
2
1
4
3
2
3
4
1

To Weave

"a"

2-3, 2
3-4, 2
1-4, 2
1-2, 2

Repeat:
2-3, 2
etc.

"b"

2-3, 2
1-2, 2
1-4, 2
1-2, 2

Repeat
2-3, 2
etc.

Heddles

4	76
3	76
2	76
1	76

No tabby.

"c"

1-4, 2
3-4, 2
2-3, 2
1-3, 2
1-4, 2
1-2, 2
2-3, 2
3-4, 2
1-4, 2
2-4, 2
2-3, 2
1-2, 2

Repeat:
1-4, 2
etc.

"d"

1-4, 1
2-3, 1
1-4, 1
2-3, 3
1-4, 2
2-3, 3

Repeat:
1-4, 1
etc.

"e"

2-3, 2
1-2, 2
1-4, 2
1-3, 2
1-4, 2
1-2, 2
2-3, 2
1-3, 2
1-4, 2
1-2, 2
1-4, 2
1-3, 2

Repeat:
2-3, 2
etc.

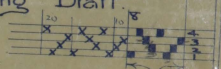
"f"

1-4, 2
3-4, 2
2-3, 2
1-3, 2

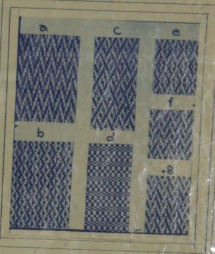
Repeat:
1-4, 2
etc.

"f" read up.

Threading Draft



Repeat – 8 threads – 38 Times.



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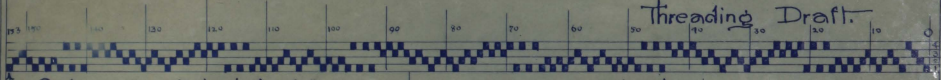
These fine weaves are useful for small bags, trays, scarfs, etc., etc.. Weave in silk, tinsel, etc.

M.M.A.

©

Series C., Miscellaneous.
Group IV., . "304-4 Special".
No. 43., "Oak Leaves", a detail from the "John Landes Book".

Threading Draft.



← Center, ~ repeat back to "0"

← One Repeat — 48 threads →

To Weave:

1-2, 4
2, 4
3, 4
1-4, 2
3-4, 2
1-4, 2
3, 4
2, 4
1-2, 4
1-4, 3
3-4, 2
1-4, 2
3-4, 2
1-4, 3

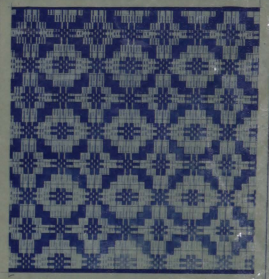
Repeat:

1-2, 4
etc.

Tabby: 1-3 & 2-4.

Heddles:

4	62
3	70
2	90
1	82
	304



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Note: the weaving directions given are for looms operating with a rising shed. For treadle looms, transpose to opposites, as: 3-4, 4. 1-3-4, 4. 1-2-4, 4, etc.
This pattern is pretty woven in green with a brown "tabby". Weave a tabby thread after each pattern thread, alternating 1-3 & 2-4.

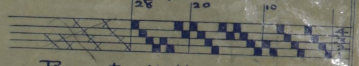
CAT M.M.A. ©

Series C., Miscellaneous.

Group IV., "304-4 Special".

No. 42., A "Monk's Belt" Bag (Swedish)

Threading Draft



Repeat 11 times.

To Weave:

Bag, illustrated

Heading—plain, or "tabby," weave, 2½"

First border { 1-2, 1 / 3-4, 1 / 1-2, 1

"tabby," 1½"

Second border { 1-2, 3 / 3-4, 1 / 1-2, 3

"tabby," 2"

Third border { 1-2, 5 / 3-4, 1 / 1-2, 1 / 3-4, 1 / 1-2, 5

"tabby," 1"

Stripe 1-2, 16"

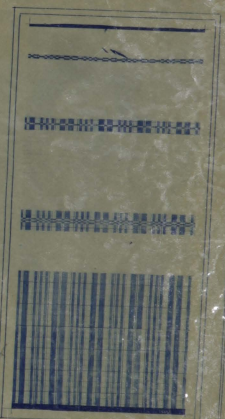
Repeat borders in inverse order

A small "all-over" pattern, not illustrated.

1-2, 1
3-4, 1
1-2, 1
3-4, 1
1-2, 1
3-4, 3
1-2, 3
3-4, 1
1-2, 3
3-4, 3

Repeat:

1-2, 1
etc.



Tabby: 1-3 & 2-4

Heddles	
4	76
3	76
2	76
1	76

Note: the weaving directions given are for looms operating with a rising shed. For a treadle loom, transpose to opposites, as: First border, 3-4, 1, 1-2, 1, 3-4, 1, etc. Weave the pattern with a "tabby" thread after each pattern thread, alternating 1-3 & 2-4. This design is particularly pretty for hand-bags, but it is also good as a border for towels, table-runners, etc.

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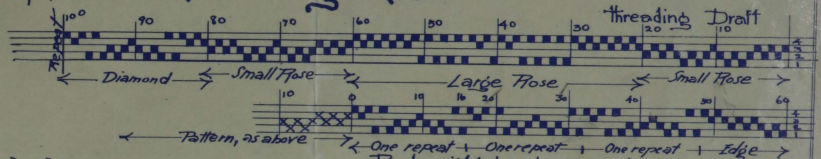
Series A, Colonial Coverlets.

Group I, No. 1. "The Whig Rose"

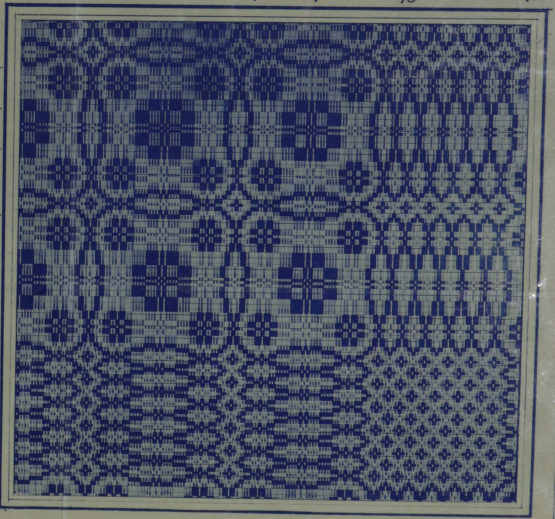
Heddles, one repeat:
4 = 26
3 = 27
2 = 24
1 = 23



At 30 threads to the inch each repeat of pattern = 3 1/5" — of border, 1/2"

To Weave

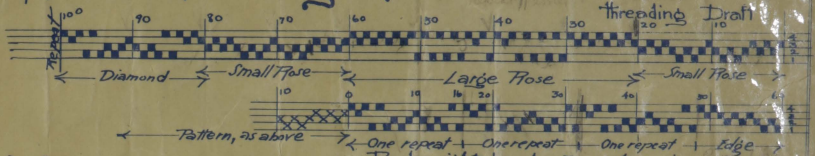
Sinking Shed		Rising Shed	
Border (bottom)	Pattern	Border (bottom)	Pattern
*	"b" *	*	"b" *
3-2, 2	1-2, 1	1-4, 2	3-4, 1
1-2, 4	2-3, 2	3-4, 4	1-4, 2
1-4, 2	3-4, 2	2-3, 2	1-2, 2
3-4, 2	1-4, 2	1-2, 2	2-3, 2
2-3, 2	1-2, 5	1-4, 2	3-4, 5
"a" 1-2, 1	2-3, 3	"a" 3-4, 1	1-4, 3
2-3, 2	1-2, 1	1-4, 2	3-4, 1
3-4, 2	2-3, 3	1-2, 2	1-4, 3
1-4, 1	1-2, 5	2-3, 1	3-4, 5
3-4, 2	1-4, 9	1-2, 2	2-3, 9
2-3, 2	3-4, 7	1-4, 2	1-2, 7
Repeat from "a" as often as desired.	1-4, 1	Repeat from "a" 3-4, 1	2-3, 1
	3-4, 1	*Note: number of weft threads varies with yarn used, hence figures in third place are approximate only. Weave to produce effect shown in drawing	1-2, 1
1-2, 1 etc.	1-4, 1		2-3, 1
(Reverse for top)	3-4, 7		1-2, 7
	1-4, 9		2-3, 9
Tabby 1-3 & 2-4	1-2, 5		3-4, 5
	2-3, 3		1-4, 3
	1-2, 1		3-4, 1
	2-3, 3		1-4, 3
	1-2, 5		3-4, 5
	1-4, 2		2-3, 2
	3-4, 2		1-2, 2
	2-3, 2		1-4, 2
	Repeat from "b" 1-2, 1 etc.		Repeat from "b" 3-4, 1 etc.



Series A, Colonial Coverlets.

Group I, No. 1. "The Whig Rose"

Heddles, one repeat:
4 = 26
3 = 27
2 = 24
1 = 23



At 30 threads to the inch each repeat of pattern = 3 1/5" — of border, 1/2"

To Weave

Sinking Shed		Rising Shed	
Border (bottom)	Pattern	Border (bottom)	Pattern
*		*	
3-2, 2	"b" 1-2, 1	1-4, 2	"b" 3-4, 1
1-2, 4	2-3, 2	3-4, 4	1-4, 2
1-4, 2	3-4, 2	2-3, 2	1-2, 2
3-4, 2	1-4, 2	1-2, 2	2-3, 2
"a" 2-3, 2	1-2, 5 (Small Rose)	1-4, 2	3-4, 5 (Small Rose)
1-2, 1	2-3, 3	"a" 3-4, 1	1-4, 3
2-3, 2	1-2, 1	1-4, 2	3-4, 1
3-4, 2	2-3, 3	1-2, 2	1-4, 3
1-4, 1	1-2, 5	2-3, 1	3-4, 5
3-4, 2	1-4, 9 (Large Rose)	1-2, 2	2-3, 9 (Large Rose)
2-3, 2	3-4, 7	1-4, 2	1-2, 7
Repeat from "a" as often as desired.	1-4, 1	Repeat from "a"	2-3, 1
	3-4, 1	3-4, 1	1-2, 1
1-2, 1	1-4, 1	*Note: number of weft threads varies with yarn used, hence figures in third place are approximate only. Weave to produce effect shown in drawing	2-3, 1
etc.	3-4, 7		1-2, 7
(Reverse for top)	1-4, 9		2-3, 9
	1-2, 5 (Small Rose)		3-4, 5 (Small Rose)
Tabby	2-3, 3		1-4, 3
1-3 & 2-4	1-2, 1		3-4, 1
	2-3, 3		1-4, 3
	1-2, 5		3-4, 5
	1-4, 2		2-3, 2
	3-4, 2		1-2, 2
	2-3, 2		1-4, 2
	Repeat from "b"		Repeat from "b"
	1-2, 1 etc.		3-4, 1 etc.



Series B., patterns from the "John Landes Book."

Group I., ten designs arranged for four-harness weaving

No. 8., "Spider-Webs"

(a) Small. (b) Large.



To Weave:

(a) Spider Webs, small

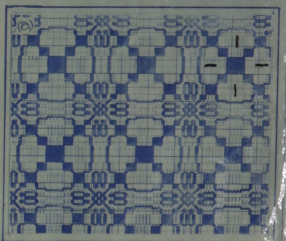
Sinking Shed		Rising Shed	
Spider	1-2, 4	Spider	3-4, 4
	2-3, 9		1-4, 9
	1-2, 4		3-4, 4
Cross	1-4, 1	Cross	2-3 1
	3-4, 5		1-2, 5
	1-4, 3		2-3, 3
	1-2, 1		3-4, 1
	2-3, 1		1-4, 1
	1-4, 2		1-2, 1
	3-4, 2		2-3, 2
	1-4, 2		1-2, 2
	3-4, 1		2-3, 2
	2-3, 1		1-2, 1
	1-2, 1		1-4, 1
	1-4, 3		3-4, 1
	3-4, 5		2-3, 3
	1-4, 1		1-2, 5
			2-3, 1
Repeat: Spider, Cross etc.		Repeat: Spider, Cross etc.	

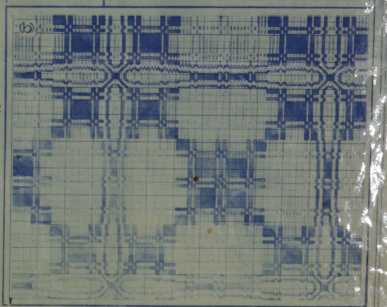
Tabby: 1-3 & 2-4.

At 30 threads to the inch, each repeat of (a) = 1 4/5"
" " " (b) = 4 1/5"

(b) Spider Webs, large

Sinking Shed		Rising Shed	
	3-4, 6		1-2, 6
	1-4, 2		2-3, 2
Leaf	3-4, 2	Leaf	1-2, 2
	1-4, 9		2-3, 9
	3-4, 2		1-2, 2
	1-4, 2		2-3, 2
	3-4, 3		1-2, 3
	2-3, 1		1-4, 1
	1-2, 1		3-4, 1
	1-4, 1		2-3, 1
	3-4, 1		1-2, 1
Cross	2-3, 1	Cross	1-4, 1
	1-2, 3		3-4, 3
	2-3, 1		1-4, 1
	3-4, 1		1-2, 1
	1-4, 1		2-3, 1
	1-2, 1		3-4, 1
	2-3, 1		1-4, 1
Leaf	as above	Leaf	as above
	2-3, 6		1-4, 6
	1-2, 2		3-4, 2
	2-3, 2		1-4, 2
	1-2, 9		3-4, 9
Spider	2-3, 2	Spider	1-4, 2
	1-2, 2		3-4, 2
	2-3, 2		1-4, 2
	1-2, 9		3-4, 9
	2-3, 2		1-4, 2
	1-2, 2		3-4, 2
	2-3, 6		1-4, 6
Repeat:		Repeat:	





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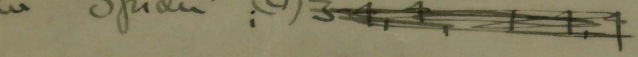
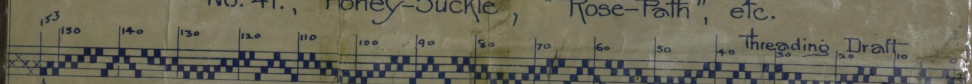
For weaving in cotton, or for a rag rug the loop 2-3 overshot is best. Thread the middle thread on 4 instead of 2, as indicated by the cross, and weave the "Spider" (2)  1-2, 4, 2-3, 4, 3-4, 2-3, 4, 1-2, 4. This changes the effect a little, but is perfectly satisfactory. To weave the pattern weaves perfectly as written. Because of the long overshots the larger pattern is not well adapted to rag rug weaving, but is nice for a coverlet.

For rag rugs in pattern 2 warps about 15 to the inch. 13 will do but 15 is better. The rags should be cut rather fine. For coverlets a fine warp set 30 to the inch seems to me the best.

Series C., Miscellaneous.

Group IV, "304-4 Special"

No. 41., "Honey-Suckle", "Rose-Path", etc.



To Weave:

"a" "Rose-Path"

*
1-2, 3
1-4, 2
3-4, 3
1-2, 1
3-4, 1
1-2, 1
3-4, 3
1-4, 2
1-2, 3
2-3, 2
3-4, 3
1-2, 3
1-4, 2
3-4, 3
1-2, 1
3-4, 1
1-2, 1
3-4, 3
1-4, 2

Center

Repeat:
1-2, 3
etc.

This weaving makes a good border for runners, towels, etc.

"b" Variation 1"

*
3-4, 2
1-4, 1
1-2, 1
2-3, 3
3-4, 1
2-3, 3
1-2, 1
1-4, 1

Repeat:
3-4, 2
etc.

This is a small "all-over" pattern.

"c" "Variation 2"

*
3-4, 3
2-3, 3
1-2, 6
2-3, 3
3-4, 3
1-4, 1
1-2, 1
2-3, 1
3-4, 2
2-3, 1
1-2, 1
1-4, 1

Repeat:
3-4, 3,
etc.

This is the reverse of "Honey-Suckle"

"d" "Honey-Suckle"
(a simple form of "Fine-Bloom")

*

I Repeat twice. (This (I) repeated again & again weaves a good "all-over")
3-4, 6
1-4, 3
1-2, 3
2-3, 1
3-4, 1
1-2, 1
1-4, 1
3-4, 1
2-3, 1
1-2, 3
1-4, 3

II Repeat 6 Times
3-4, 6
1-4, 6
1-2, 6
2-3, 6
3-4, 1
1-4, 1
1-2, 1

2-3, 6
1-2, 6
1-4, 6

Repeat I
3-4, 6
etc.



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Heddles:

4.	60
3	93
2	92
1	59
	304

Note: the weaving directions given are for looms operating with a rising shed. For treadle looms transpose to opposites, as, "Rose-Path": 3-4, 3, 2-3, 2, 1-2, 3, etc. Also please note that number of weft threads varies with yarn used, and also with the closeness of weaving, hence figures in third (3) columns are approximate only. Weave to reproduce design as illustrated. Weave a plain, or "Tabby" thread after each pattern-thread, alternating 1-3 & 2-4.