



SCOTCH TARTAN SETTS

A Shuttle-Craft Guild Guide for
Weaving 132 Traditional Plaids

by
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The Scotch Tartans, with their vibrant colors and beautiful proportions, are a perennial style favorite. For the handweaver who enjoys working with colors — and what handweaver does not — no weaving is more delightful.

The Tartans are woolen cloth symmetrically cross-barred by colored bands in distinctive patterns, and traditionally used in the characteristic Scottish costume. The people of Scotland have worn Tartan kilts and plaids since the Middle Ages, and through the centuries specific color combinations and arrangements have come to be associated with specific localities, clans and families. The system was quite informal until the middle of the nineteenth century, during the Scottish Nationalist movement, when Sir Walter Scott was largely responsible for the standardization of the Highland Regimental Setts. Even so, standardization is not complete and minor variations in color and count are found among the works of various authorities on the subject. Many clans have several tartans, variously used: the common Tartan, the Hunting Tartan and the Dress Tartan, often using the same arrangement and proportions but different colors. Clans which are closely associated by family ties or by geography often have similar tartans, and several family names are associated with many of the clan Tartans. Though the traditions behind the Tartans are complex and confused, the color arrangements have an eternal freshness and a universal appeal. Most handweavers are interested in them because of their beauty, rather than for their tradition.

The Tartans were originally woven of fine homespun yarn dyed with vegetable dyes. They are produced on a straight twill threading (1,2,3,4) and woven as 2-2 balanced twill (1-2,2-3, 3-4,4-1). The perfect balance of the weaving (exactly as many weft shots per inch as there are warp ends, to give a 45-degree twill angle) is of utmost importance in producing a true Tartan as each of the color blocks must be squared in its proper succession.

The “sett” or color draft of the Tartan is its color arrangement with the exact number of threads required for each warp color-stripe. In weaving Tartans, the exact color numbers and sequence must be maintained in the weft as in the warp, to give the balanced plaid. A simple way to follow the color sequence and proportions is to square each color block in order, along a 45-degree diagonal line — weaving as-drawn-in.

For two-harness weavers the Tartans give a fine scope of expression, even though the limitations of the two-harness loom require that they be woven in tabby rather than in the traditional twill.

The basic Tartan colors are limited in range, though unusual colors are introduced in a number of the traditional plaids. The colors of which most Tartans are composed are a deep rich green, a bright dark blue, brilliant red, brilliant yellow, black and white. Secondary colors are a very light green, a baby blue, light and dark grey, a cerise or American Beauty red, orange and medium brown. It is difficult to find yarns dyed in the true tartan colors. The most accurate reproduction is in the Bernat Fabri wool. (Since this yarn is not generally available to handweavers, it is stocked for resale by the Shuttle-Craft Guild, Virginia City Montana

and color Samples are available on request.) The Fabri (18/2) 1s ideally suited to weaving Tartan articles and yardages. For scarves, set the warp at 18 to 24 ends per inch; for neckties at 20 to 24 per inch (tabby weave is more suitable than twill); for sport shirts and dress fabrics at 24 to 28 per inch; for shawls or stoles set at 18 to 28 per inch; for suit, coat or skirt material set at 30 ends per inch. The Tartan colors are approached in the cottons distributed by Lily Mills, Handweaving Department, Shelby, N C. The 20/6 (Art 914) is a pleasant material (set at 20 to 24 per inch) for weaving Tartan table mats, draperies, upholstery, and even skirts. The fine 24/2 makes beautiful cotton dress material set at 36 ends per inch.

For a close setting of fine material, the setts given here may be proportionately enlarged to give larger plaids, but be sure that the basic proportions are retained. The Tartan colors seem to be rare in homespun-type yarn but can be found in knitting yarns. These yarns may be used for blankets, afghans, automobile robes and heavy jackets.

There are a number of books, which give illustrations of the Scotch Tartans, each one giving short histories of the various clans to which the specific Tartans belong. Each of them give the sets, or color drafts, for reproducing them. Since these books are not published in the United States, they are not available in most bookstores, but may be secured through the Craft and Hobby Book Service, Carmel Valley Route, Monterey California. They are: TARTANS OF THE CLANS AND FAMILIES OF SCOTLAND by Sir Thomas Innes of Learney, \$3.75; THE SCOTTISH TARTANS by William Semple, \$2.00; THE SCOTTISH CLANS AND THEIR TARTANS, \$1.75; THE CLANS AND TARTANS OF SCOTLAND by Robert Bain, \$2.75. Of these probably the Bain is the most interesting and gives the most historical information on the clans and Scottish traditions. The Innes has the finest color reproductions of the Tartans and is the most reliable as to color and proportions. The others are small handbooks. No visualization of the actual Tartan may be secured from studying the sett, or color draft, since the whole effect is one of color, so one or the other of the Tartan books is almost necessary for the weaver who would select his Tartans carefully. But in most cases the weaver needs more than the illustrations in order to reproduce the Tartans correctly. This present pamphlet, in which the Innes illustrations have been followed as closely as possible, with others added, is intended as a weavers guide to weaving the Scottish Tartans.

Most of the Tartans are composed of two pattern units. The setts are given with the two units indicated as A and B. In some cases there are three or four pattern units, further indicated with C and D. Each sett shows the number of threads for each color stripe, in order. In planning the plaids for a yardage, the sett is repeated (like a threading draft) for the desired warp width. More careful arrangement is desirable for scarves, mats, or articles requiring a pattern balance. In each sett the major or heaviest pattern unit is given first, and unit B makes the connecting blocks.

The heavier blocks usually make a more satisfactory border, so unit A should be repeated as a pattern balance for the left warp edge. Or the threading may start and end with B. When one wishes to use a specific number of warp ends, the starting and ending points of the pattern must be selected very carefully in order to balance the pattern.

To estimate yarn requirements for a particular project, determine the number of warp ends of each color for the entire warp width. Multiply each figure by the total warp length, and then double this amount to allow for weft. Order according to the known yardage per pound of the yarn to be used. The Bernat Fabri has a reliable yardage of 4800 yards per pound (600 yards per two-ounce skein). One yard of finished fabric, a yard wide, set at 30 ends per inch in Fabri, requires half a pound of yarn.

ANDERSON

A 6 black
 6 white
 6 black
 2 yellow
 4 black
 2 yellow
 8 black
 2 red
 8 blue
 6 red
 10 green
 4 red
 10 green
 8 red
 10 green
 4 red
 10 green
 6 red
 8 blue
 2 red
 8 black
 2 yellow
 4 black
 2 yellow
 6 black
 6 white
 6 black

B 32 lt.green
 2 red
 6 black
 2 red
 10 lt.green
 6 red
 10 lt.green
 2 red
 6 black
 2 red
 32 lt.green
 266 ends

ARMSTRONG

A 22 black
 6 blue
 2 black
 2 blue
 2 black
 10 blue
 4 red
 10 blue
 2 black
 2 blue
 2 black
 6 blue
 22 black

B 20 green
 2 black
 4 green
 2 black
 20 green
 140 ends

BAIRD

A 30 black
 24 blue
 6 black
 6 blue
 6 black
 24 blue
 30 black

B 24 green
 4 cerise
 4 green
 8 cerise
 4 green
 4 cerise
 24 green
 192 ends.

BARCLAY

A 40 blue
 10 green
 40 blue

B 40 green
 10 red
 40 green
 180 ends

BARCLAY

A 40 black
 10 yellow
 40 black

B 40 yellow
 10 white
 40 yellow
 180 ends

BLACK WATCH

(42nd Regiment)

A 18 black
 6 blue
 2 black
 6 blue
 2 black
 18 blue
 2 black
 6 blue
 2 black
 6 blue
 18 black

B 18 green
 6 black
 18 green

(cont'd above)

C 18 black
 18 blue
 2 black
 6 blue
 2 black
 18 blue
 18 black

Repeat B.
 252 ends.

BRODIE

(of Brodie)

A 34 black
 4 yellow
 34 black
 8 red
 34 black
 4 yellow
 34 black

B 62 red
 8 black
 62 red
 284 ends.

BRUCE

A 6 green
 6 red
 12 green
 4 red
 12 green
 6 red
 6 green

B 26 red
 4 white
 26 red

Repeat A

C 26 red
 4 yellow
 26 red
 176 ends.

BUCHANAN

A 2 black
 10 blue
 2 black
 16 green
 10 blue
 16 green
 2 black
 10 blue
 2 black

(cont'd above)

B 18 red
 2 white
 18 red
 2 black
 10 blue
 2 black
 16 yellow
 6 blue
 16 yellow
 160 ends.

CAMERON

A 12 green
 4 red
 12 green
 4 red
 12 green
 4 red
 12 green

B 38 red
 2 yellow
 38 red
 138 ends.

CAMERON

(of Caudor)

A 22 black
 22 blue
 2 black
 6 red
 2 black
 22 blue
 22 black

B 22 green
 2 black
 6 lt.blue
 2 black
 22 green
 152 ends.

CAMERON

(of Lochiel)

A 4 blue
 8 white
 4 blue
 10 red
 30 blue
 18 red
 30 blue
 10 red
 4 blue
 8 white
 4 blue

B 30 red
 16 green
 30 red
 16 green
 30 red
 252 ends.

CAMPBELL
(of Argyll)

A 30 black
6 blue
6 black
6 blue
6 black
30 blue
6 black
6 blue
6 black
6 blue
30 black

B 32 green
6 yellow
32 green

C 30 black
30 blue
6 black
6 blue
6 black
30 blue
30 black

D 32 green
6 white
32 green
416 ends.

CAMPBELL
(of Breadalbane)

A 26 black
26 blue
4 black
26 blue
26 black

B 26 green
4 yellow
26 green
26 black
26 green
4 yellow
26 green
246 ends.

CAMPBELL
(of Erracht)

A 16 black
2 red
16 blue
6 red
6 blue
4 yellow
6 blue
6 red
16 blue
2 red
16 black

(cont'd above)

B 16 green
6 red
4 green
2 red
8 green
2 red
4 green
6 red
16 green
160 ends.

CARNEGIE

A 26 black
4 red
22 blue
8 red
6 blue
4 red
10 blue
4 red
6 blue
8 red
22 blue
4 red
26 black

B 22 green
8 red
6 green
4 red
8 green
6 yellow
8 green
4 red
6 green
8 red
22 green
252 ends.

CHISHOLM

A 10 blue
6 green
6 blue
6 green
6 blue
20 green
4 red
20 green
6 blue
6 green
6 blue
10 blue

B 54 red
2 white
12 red
2 white
54 red
232 ends.

CLERGY
(The Church)

A 30 black
4 lt. blue
30 black
4 lt. blue
6 blue
4 lt. blue
12 blue
4 lt. blue
12 blue
4 lt. blue
6 blue
4 lt. blue
30 black
4 lt. blue
30 black

B 30 blue
4 lt. blue
6 black
4 lt. blue
30 blue

C 30 black
4 lt. blue
30 black

Repeat B
396 ends.

COLQUHOUN

A 24 black
24 blue
4 black
4 blue
4 black
24 blue
24 black

B 4 white
24 green
6 red
24 green
4 white
170 ends.

CRAWFORD

A 26 green
6 cerise
26 green
6 cerise
26 green
6 cerise
26 green

B 50 cerise
4 white
12 cerise
4 white
50 cerise
192 ends.

CUMIN or COMYN

A 10 green
6 red
18 green
2 white
18 green
6 red
18 green
2 white
18 green
6 red
10 green

B 40 red
8 black
40 red
202 ends.

CUNNINGHAM

A 30 black
2 red
8 black
2 red
30 black

B 30 red
2 black
2 red
4 white
2 red
2 black
30 red
144 ends.

DAVIDSON

A 6 blue
4 green
14 blue
4 red
14 blue
4 green
6 blue

B 26 green
6 black
26 green

C 6 black
4 green
14 black
4 red
14 black
4 green
6 black

Repeat B
220 ends.

DOUGLAS

A 36 blue
4 white
36 blue

B 36 green
4 lt. blue
16 black
4 lt. blue
36 green
172 ends.

DOUGLAS (Dress)

A 20 black
6 white
6 black
6 white
48 black
6 white
6 black
6 white
20 black

B 36 white
6 black
6 white
6 black
36 white
214 ends.

DRUMMOND

A 2 yellow
6 blue
2 lt. green
22 green
8 red
6 blue
6 lt. green
2 white
6 lt. green
6 blue
8 red
22 green
2 lt. green
6 blue
2 yellow

B 60 red
166 ends.

DUNBAR

A 12 black
36 green
12 red
36 green
12 black

B 40 red
4 black
8 red
4 black
40 red
204 ends

DUNCAN

A 30 blue
8 red
30 blue

B 30 green
6 white
30 green
6 black
30 green
6 white
30 green
206 ends.

DUNDAS

A 22 black
22 blue
4 black
22 blue
22 black

B 30 green
4 red
4 green
4 black
4 green
4 red
30 green
172 ends.

ELLIOT

A 28 brown
16 blue
6 orange
16 blue
28 brown

B 108 blue
202 ends.

ERSKINE

A 42 green
2 red
8 green
2 red
42 green

B 42 red
2 green
8 red
2 green
42 red
192 ends.

FARQUHARSON

A 30 black
4 blue
4 black
4 blue
4 black

(cont'd above)

14 blue
8 red
14 blue
4 black
4 blue
4 black
4 blue
30 black

B 30 green
8 yellow
30 green

C 30 black
26 blue
4 black
8 red
4 black
26 blue
30 black

Repeat B
392 ends.

FERGUSON

A 22 black
32 blue
22 black

B 14 green
4 red
14 green
2 black
4 white
2 black
14 green
4 red
14 green
148 ends.

FLETCHER

A 24 black
6 red
24 green
8 red
24 green
6 red
24 black

B 20 blue
4 black
20 blue
4 black
20 blue
184 ends.

FORBES

A 24 black
4 blue
4 black
4 blue
4 black

(cont'd above)

28 blue
4 black
4 blue
4 black
4 blue
24 black

C 24 black
24 blue
4 black
4 blue
4 black
24 blue
24 black

Repeat B
344 ends.

FRASER

A 22 green
4 red
22 blue
4 red
22 blue
4 red
22 green

B 48 red
4 white
48 red
200 ends

GORDON

A 16 black
4 blue
4 black
4 blue
4 black
18 blue
4 black
4 blue
4 black
16 black

B 20 green
4 yellow
20 green

C 16 black
18 blue
4 black
4 blue
4 black
18 blue
16 black

Repeat B
250 ends.

GOW or MACGOWAN

A 44 black
8 red
44 green
44 red
44 green
8 red
44 black

B 44 red
280 ends.

GRAHAM

A 18 black
20 blue
6 black
20 blue
18 black

B 4 green
6 lt.blue
24 green
6 lt.blue
4 green
126 ends.

GRAHAM
(of Montrose)

A 18 black
20 blue
6 black
20 blue
18 black

B 18 green
6 white
18 green
18 black
18 green
6 white
18 green
184 ends.

GRANT

A 4 lt.blue
4 red
12 blue
4 red
4 green
4 red
44 green
4 red
4 blue
4 red
4 blue
4 red
44 green

(cont'd above)

4 red
4 green
4 red
12 blue
4 red
4 lt.blue

B 44 red
4 blue
4 red
4 blue
12 red
4 blue
4 red
4 blue
44 red
296 ends.

GUNN

A 20 black
4 green
26 black
4 green
26 black
4 green
20 black

B 32 green
6 red
32 green
174 ends.

HAMILTON

A 26 blue
10 red
26 blue
10 red
26 blue

B 44 red
6 white
44 red
192 ends

HAY

A 10 green
2 red
2 green
2 red
22 green
2 yellow
2 green
4 red
2 green
2 yellow
22 green

(cont'd above)

2 red
2 green
2 red
10 green

B 28 red
4 green
2 red
2 black
6 red
4 white
6 red
2 black
2 red
4 green
28 red
170 ends

HENDERSON

A 12 black
18 green
24 black
4 yellow
24 black
18 green
12 black

B 82 green

C 12 blue
18 green
24 blue
4 white
24 blue
18 green
12 blue

Repeat B
388 ends.

HOME

A 2 orange
2 black
2 orange
50 black
4 green
4 black
4 green
50 black
2 orange
2 black
2 orange

B 50 blue
4 green
4 blue
4 green
50 blue
236 ends.

INNES or MACINNES

A 4 yellow
4 red
8 blue
4 red
4 black
10 green
4 black
6 red
4 white
6 red
4 black
10 green
4 black
4 red
8 blue
4 red
4 yellow

B 16 red
4 black
4 red
4 black
4 red
16 black
4 lt.blue
16 black
4 red
4 black
4 red
4 black
16 red
204 ends.

INNES, MACINNES
(Hunting)

A 6 black
6 lt.blue
6 black
28 blue
10 green
6 red
10 green
28 blue
6 black
6 lt.blue
6 black

B 28 green
4 black
4 green
4 black
4 green
28 black
6 yellow
28 black
4 green
4 black
4 green
4 black
4 green
28 green
268 ends.

JOHNSTON

A 24 blue
 4 black
 4 blue
 4 black
 4 blue
 4 black
 24 blue

B 24 green
 4 black
 4 green
 4 yellow
 4 green
 4 black
 24 green
 136 ends.

KEITH

A 16 blue
 16 black
 16 blue
 16 black
 16 blue

B 36 green
 8 black
 36 green
 160 ends.

KENNEDY

A 8 blue
 8 black
 8 blue
 8 black
 8 blue
 8 black
 8 blue

B 22 green
 2 red
 2 green
 2 red
 6 green
 2 yellow
 4 green
 4 black
 4 green
 2 yellow
 6 green
 2 red
 2 green
 2 red
 22 green

Repeat A

C 36 green
 6 red
 36 green
 274 ends.

KERR

A 8 black
 6 green
 4 black
 6 green
 4 black
 22 green
 4 black
 6 green
 4 black
 6 green
 8 black

B 18 red
 4 black
 4 red
 4 black
 4 red
 4 black
 18 red
 134 ends.

LAMONT

A 18 black
 4 blue
 4 black
 4 blue
 4 black
 30 blue
 4 black
 4 blue
 4 black
 4 blue
 18 black

B 26 green
 6 white
 26 green

C 18 black
 24 blue
 4 black
 4 blue
 4 black
 24 blue
 18 black

Repeat B

310 ends.

LESLIE

A 2 white
 16 black
 16 blue
 4 red
 16 blue
 16 black
 2 white

B 22 green
 4 black
 22 green
 120 ends.

LIVINGSTON

A 28 green
 6 red
 2 green
 2 red
 2 green
 6 red
 20 green
 6 red
 2 green
 2 red
 2 green
 6 red
 28 green

B 44 red
 4 green
 14 red
 4 green
 44 red
 224 ends.

LINDSAY

A 10 blue
 4 green
 4 blue
 4 green
 4 blue
 28 green
 4 blue
 4 green
 4 blue
 4 green
 10 blue

B 28 cerise
 2 blue
 4 cerise
 2 blue
 28 cerise
 154 ends.

LOGAN or

MACLENNAN

A 24 black
 20 blue
 8 red
 8 blue
 8 red
 8 blue
 8 red
 8 blue
 8 red
 8 blue
 20 blue
 24 black

(cont'd above)

20 green
 4 red
 4 black
 4 yellow
 4 black
 4 red
 20 green
 220 ends

MACALISTER

A 2 white
 2 red
 4 blue
 2 red
 2 white
 2 red
 4 green
 2 red
 4 green
 2 red
 2 white
 2 red
 2 blue
 2 red
 2 white
 8 red

Repeat in reverse

B 6 red
 2 lt. blue
 2 red
 8 green
 2 red
 2 lt. blue
 20 red
 2 lt. blue
 2 red
 8 green
 2 red
 2 lt. blue
 8 red
 2 white
 2 red
 2 lt. blue
 2 red
 4 green
 8 red
 4 green
 2 red
 2 lt. blue
 2 red
 2 white

(cont'd next page)

2 red
 2 lt. blue
 2 red
 4 green
 2 red
 2 white
 8 red
 2 lt. blue
 2 red
 8 green
 2 red
 2 lt. blue
 20 red
 2 lt. blue
 2 red
 8 green
 2 red
 2 lt. blue
 6 red
 ends.

52 red
 8 black
 52 red
 236 ends

MACCALLUM

A 20 black
 20 blue
 4 black
 20 blue
 20 black

B 24 green
 4 red
 24 green
 20 black
 24 green
 4 red
 24 green
 208 ends.

MACALPINE

A 24 black
 6 yellow
 24 black
 6 green
 24 black
 6 white
 24 black

B 6 green
 6 black
 24 green
 6 black
 24 green
 6 black
 6 green
 192 ends.

MACDONALD

A 18 black
 2 red
 18 blue
 6 red
 4 blue
 4 red
 12 blue
 4 red
 4 blue
 6 red
 18 blue
 2 red
 18 black

B 18 green
 6 red
 4 green
 4 red
 12 green
 4 red
 4 green
 6 red
 18 green
 192 ends.

MACARTHUR

A 16 black
 12 green
 48 black
 12 green
 16 black

B 48 green
 8 yellow
 48 green
 208 ends.

MACDONALD
 (of Clanranald)

A 18 black
 2 red
 18 blue
 6 red
 12 blue
 6 red
 18 blue
 2 red
 18 black

(cont'd above)

MACAULAY

A 20 green
 8 red
 32 green
 4 white
 32 green
 8 red
 20 green

(cont'd Above)

B 18 green
 8 red
 6 green
 2 red
 8 green
 4 white
 8 green
 2 red
 6 green
 8 red
 18 green
 186 ends.

MACDONALD
 (of the Isles)

A 18 black
 18 blue
 6 red
 18 blue
 18 black

B 8 green
 4 black
 4 green
 4 black
 36 green
 6 white
 36 green
 4 black
 4 green
 4 black
 8 green
 196 ends.

MACDONALD
 (of Sleate)

A 4 green
 8 red
 26 green
 8 red
 4 green

B 64 red
 114 ends.

MACDONELL
 (of Glengarry)

A 18 black
 2 red
 18 blue
 4 red
 2 blue
 2 red
 8 blue
 2 red
 2 blue
 4 red
 18 blue
 2 red
 18 black

(cont'd above)

B 18 green
 4 red
 4 green
 2 red
 4 green
 2 white
 4 green
 2 red
 4 green
 4 red
 18 green
 166 ends.

MACDONELL
 (of Keppoch)

A 20 green
 16 red
 2 blue
 4 red
 2 blue
 8 red
 4 green
 12 red

4 green
 8 red
 2 blue
 4 red
 2 blue
 16 red
 20 green

B 24 red
 2 blue
 4 red
 2 blue
 24 red
 178 ends.

MACDOUGALL

A 18 blue
 6 red
 2 green
 6 red
 52 green
 2 red
 6 gray
 2 white
 6 gray
 2 red
 52 green
 6 red
 2 green
 6 red
 18 blue

B 6 gray
 2 red
 6 gray
 16 green
 16 red
 16 green

(cont'd next page)

2 red
 2 blue
 52 red
 6 gray
 4 red
 2 white
 4 red
 6 gray
 52 red
 2 blue
 2 red
 16 green
 16 red
 16 green
 6 gray
 2 red
 6 gray
 394 ends.

MACDUFF

A 12 blue
 16 black
 20 green
 14 red
 4 black
 14 red
 4 black
 14 red
 20 green
 16 black
 12 blue

B 60 red
 206 ends.

MACEWEN

A 16 black
 14 blue
 2 black
 6 blue
 2 black
 14 blue
 16 black

B 20 green
 2 black
 4 red
 2 black
 20 green

Repeat A

C 20 green
 2 black
 4 yellow
 2 black
 20 green
 236 ends.

MACFARLANE

A 2 black
 16 green
 2 white
 4 red
 2 black
 4 red
 2 white
 2 green
 16 blue
 4 black
 4 red
 4 white
 4 green
 4 white
 4 red
 4 black
 16 blue
 2 green
 2 white
 4 red
 2 black
 4 red
 2 white
 16 green
 2 black

B 60 red
 188 ends.

MACFIE or MACPHEE

A 4 green
 2 red
 30 green
 2 red
 4 green

B 24 red
 2 white
 24 red

Repeat A

C 24 red
 2 yellow
 24 red
 184 ends.

MACGILLIVRAY

A 4 lt. blue
 4 red
 8 blue
 4 red
 12 green
 6 red
 2 lt. blue
 4 red
 4 blue
 4 red

(Cont'd above)

2 lt. blue
 6 red
 12 green
 4 red
 8 blue
 4 red
 4 lt. blue

B 32 red
 2 blue
 2 lt. blue
 8 red
 2 lt. blue
 2 blue
 32 red
 170 ends.

MACGREGOR

A 24 green
 8 red
 8 green
 2 black
 4 white
 2 black
 8 green
 8 red
 24 green

B 64 red
 152 ends.

MACINNES

See Innes

MACINTYRE

A 20 blue
 4 red
 20 blue
 4 green
 20 blue
 4 red
 20 blue

B 38 green
 6 white
 38 green
 174 ends.

MACIVER

A 8 black
 8 red
 60 black
 8 red
 8 black

B 42 red
 6 yellow
 42 red
 182 ends.

MACKAY

A 32 black
 6 green
 32 blue
 6 green
 32 blue
 6 green
 32 black

B 32 green
 6 black
 32 green
 216 ends.

MACKENZIE

A 18 black
 18 blue
 2 black
 4 red
 2 black
 18 blue
 18 black

B 18 green
 2 black
 4 white
 2 black
 18 green

C 18 black
 4 blue
 2 black
 4 blue
 2 black
 20 blue
 2 black
 4 blue
 4 blue
 18 black

Repeat B
 208 ends.

MACKINLAY

A 14 black
 14 blue
 4 black
 4 blue
 4 black
 14 blue
 14 black

B 12 green
 2 black
 4 red
 2 black
 12 green

(cont'd next page)

C 14 black
4 blue
4 black
4 blue
4 black
16 blue
4 black
4 blue
4 black
4 blue
14 black

Repeat B
208 ends.

MACKINNON

A 20 green
4 red
6 blue
4 green
18 red
8 green
4 black
8 red
4 white
8 red
4 black
8 green
18 red
4 green
6 blue
4 red
20 green

B 8 red
4 blue
4 green
4 red
4 black
4 red
4 green
4 blue
8 red
236 ends.

MACKINTOSH

A 10 blue
4 red
16 green
6 red
4 black
6 red
16 green
4 red
10 blue

B 46 red
122 ends.

MACLACHLAN

A 20 black
26 red
4 black
6 red
4 black
26 red
20 black

B 26 blue
8 green
26 blue

C 20 black
4 red
4 black
4 red
4 black
34 red
4 black
4 red
4 black
4 red
20 black

Repeat B
332 ends.

MACLAREN

A 8 black
64 blue
8 black

B 10 green
4 red
14 green
2 black
4 yellow
2 black
14 green
4 red
10 green
144 ends.

MACLAINE

(of Lochbuie)

A 20 green
18 lt.green
2 yellow
18 lt.green
20 green

B 68 red
146 ends.

MACLEAN

(of Duart)

A 16 green
2 black
2 white
2 black
2 yellow
4 black
2 lt.blue
10 blue
2 lt.blue
4 black
2 yellow
2 black
2 white
2 black
16 green

B 30 red
2 lt.blue
2 red
2 black
2 red
2 lt.blue
30 red
140 ends.

MACLEAN

(Hunting)

A 8 black
8 green
16 black
4 white
16 black
8 green
16 black
4 white
16 black
8 green
8 green

B 30 green
8 black
30 green
180 ends.

MACLENNAN

(See Logan)

MACLEOD

A 30 black
4 yellow
30 black
4 yellow
30 black

B 46 yellow
6 red
46 yellow
196 ends.

MACLEOD

(of Harris)

A 22 black
32 blue
2 black
4 yellow
2 black
32 blue
22 black

B 32 green
2 black
4 red
2 black
32 green
188 ends.

MACMILLAN

A 6 red
4 yellow
26 red
2 yellow
6 red
2 yellow
26 red
4 yellow
6 red

B 18 yellow
4 red
18 yellow
2 red
18 yellow
4 red
18 yellow
168 ends.

MACMILLAN

(Hunting)

A 12 black
6 yellow
12 black
24 blue
2 yellow
12 blue
2 yellow
24 blue
12 black
6 yellow
12 black

B 20 green
6 red
20 green
4 red
20 green
6 red
20 green
220 ends.

MACNAB

A 20 cerise
26 green
4 cerise
2 green
4 cerise
26 green
20 cerise

B 28 red
4 cerise
28 red

C 20 cerise
2 green
4 cerise
2 green
4 cerise
28 green
4 cerise
2 green
4 cerise
2 green
20 cerise

Repeat B
314 ends.

MACNAUGHTON

A 18 green
10 black
10 blue
18 red
4 blue
2 black
4 blue
18 red
10 blue
10 black
18 green

B 18 red
4 blue
2 black
4 blue
18 red
168 ends.

MACNEIL (of Barra)

A 20 black
20 blue
6 white
20 blue
20 black

B 20 green
2 black
6 yellow
2 black
20 green
136 ends.

MACNEIL (of Colonsay) B 32 grey

A 18 black
18 blue
8 black
18 blue
18 black
4 red
8 blue
4 red
32 grey
200 ends.

B 18 green
4 white
18 green
12 blue
18 green
4 white
18 green
172 ends.

MACPHERSON

A 20 green
2 yellow
14 black
10 blue
2 black
4 blue
2 black
10 blue
10 red
2 white
2 black
2 red
2 black
2 white
10 red
10 blue
2 black
4 blue
2 black
10 blue
14 black
2 yellow
20 green

B 16 red
4 blue
16 red
4 blue
16 red
214 ends.

MACPHERSON
(Hunting)

A 4 red
8 blue
4 red
36 black
4 red
8 blue
4 red
36 black
4 red
8 blue
4 red

(cont'd above)

MACPHERSON (Dress)

A 36 black
6 white
12 black
6 yellow
12 black
6 white
36 black

B 30 white
6 red
6 white
6 red
30 white
192 ends

MACNICOL

See Nicolson

MACQUARRIE

A 4 green
4 red
4 green
14 red
36 green
14 red
4 green
4 red
4 green

B 64 red
152 ends.

MACQUEEN

A 50 black
4 yellow
50 black

B 18 red
4 black
18 red
4 black
18 red
4 black
18 red
188 ends.

MACRAE

A 18 red
2 blue
2 red
4 blue
2 red
2 blue
18 red

2 blue
2 red
4 blue
2 red
2 blue
18 red

B 14 green
4 red
14 green
4 red
14 red

Repeat A

C 2 white
4 red
14 blue
4 red
14 blue
4 red
2 white

D 18 red
4 green
4 red
4 green
18 red

Repeat B

Repeat D

Repeat C
440 ends.

MALCOLM

A 30 black
36 blue
6 red
4 blue
6 red
36 blue
30 black

B 30 green
4 black
6 lt. blue
4 black
6 yellow
4 black
30 green
232 ends.

MATHESON

A 14 blue
 4 green
 2 red
 2 green
 2 red
 4 green
 10 red
 2 green
 2 red
 2 green
 2 red
 2 red
 14 blue
 8 green
 2 red
 8 green
 2 red
 8 green
 14 blue
 2 red
 2 green
 2 red
 2 green
 10 red
 4 green
 2 red
 2 green
 2 red
 4 green
 14 blue
 B 44 red
 2 green
 2 red
 2 green
 6 red
 10 green
 6 red
 2 green
 2 red
 2 green
 44 red
 270 ends.

MAXWELL

A 8 black
 6 red
 18 green
 6 red
 18 green
 6 red
 8 black
 B 32 red
 2 green
 6 red
 2 green
 32 red
 144 ends.

MENZIS

A 8 white
 6 red
 8 white
 12 red
 4 white
 2 red
 20 white
 2 red
 4 white
 12 red
 8 white
 6 red
 8 white
 B 64 red
 164 ends.

MENZIS (Hunting)

A 8 red
 6 green
 8 red
 12 green
 4 red
 2 green
 20 red
 2 green
 4 red
 12 green
 8 red
 6 green
 8 red

B 64 green
 164 ends.

MENZIS (Dress)

A 8 white
 6 black
 8 white
 12 black
 4 white
 2 black
 20 white
 2 black
 4 white
 12 black
 8 white
 6 black
 8 white

B 64 black
 164 ends

MONTGOMERIE

A 26 blue
 10 green
 26 blue
 10 green
 26 blue
 B 86 green
 192 ends.

MORRISON

A 36 black
 4 green
 32 blue
 8 red
 32 blue
 4 green
 36 black
 B 32 green
 8 black
 32 green
 224 ends.

MUNRO

A 30 green
 4 red
 2 blue
 2 yellow
 6 red
 14 blue
 6 red
 2 yellow
 2 blue
 32 red
 4 green
 4 red
 4 green
 4 red
 4 green
 32 red
 2 blue
 2 yellow
 6 red
 14 blue
 6 red
 2 yellow
 2 blue
 4 red
 30 green

B 6 red
 2 blue
 2 yellow
 44 red
 2 yellow
 2 blue
 6 red
 274 ends.

MURRAY

A 22 black
 22 blue
 2 black
 6 red
 2 black
 22 blue
 22 black
 B 22 green
 6 red
 22 green
 C 22 black
 4 blue
 4 black
 4 blue
 4 black
 4 black
 22 blue
 4 black
 4 blue
 4 black
 4 blue
 22 black
 284 ends.

NAPIER

A 10 black
 30 blue
 4 white
 30 blue
 10 black
 B 4 white
 6 black
 16 white
 6 black
 6 white
 6 black
 6 white
 6 white
 12 black
 6 white
 6 black
 6 white
 6 black
 16 white
 6 black
 4 white
 196 ends.

NICOLSON

A 20 green
 2 red
 10 black
 2 lt. blue
 10 black
 12 red
 2 green
 12 red

(cont'd next page)

2 black
 12 red
 2 green
 12 red
 10 black
 2 lt. blue
 10 black
 2 red
 20 green
 B 12 red
 2 green
 12 red
 2 black
 12 red
 2 green
 12 red
196 ends.

RAMSAY
 A 36 black
 2 white
 10 black
 2 white
 36 black
 B 36 red
 2 black
 10 red
 2 black
36 red
 172 ends.

ROBERTSON
 A 4 red
 28 green
 4 red
 4 blue
 36 red
 2 green
 4 red
 2 green
 36 red
 4 blue
 4 red
 28 green
 4 red
 B 28 blue
 4 red
 4 blue
 36 red
 2 green
 4 red
 2 green
 36 red
 4 blue
 4 red
28 blue
 312 ends.

ROSE
 A 28 black
 28 blue
 6 red
 28 blue
 28 black
 B 28 green
 4 white
 14 black
 4 white
28 green
 196 ends.

ROSS
 A 16 blue
 4 red
 16 blue
 B 14 red
 2 blue
 4 red
 4 blue
 4 red
 2 blue
 20 red
 2 blue
 4 red
 4 blue
 4 red
 2 blue
 14 red

C 16 green
 4 red
 16 green
 4 red
 16 green
 Repeat B
 Repeat A
 D 14 red
 4 green
 8 red
 4 green
 14 red
 Repeat C
Repeat D
 432 ends.

RUTHVEN
 A 22 blue
 16 green
 6 white
 16 green
 22 blue
 B 42 red
 2 green
 2 red
 2 green
42 red
 172 ends.

SCOTT
 A 24 green
 4 red
 2 green
 2 white
 2 green
 4 red
 2 green
 2 white
 2 green
 4 red
 24 green
 B 48 red
 4 black
 2 red
 4 green
 2 red
 4 black
24 red
 184 ends.

SETON
 A 6 red
 8 blue
 6 red
 8 black
 46 red
 6 green
 8 red
 6 green
 46 red
 8 black
 6 red
 8 blue
 6 red
 B 14 green
 6 white
 10 green
 6 white
14 green
 218 ends.

SINCLAIR
 A 8 blue
 2 white
 6 black
 14 green
 36 red
 14 green
 6 black
 2 white
 8 blue
 B 36 red
 132 ends.

SKENE
 A 6 red
 2 green
 6 red
 12 blue
 6 red
 2 green
 6 red
 B 24 green
 6 red
 2 green
 6 red
24 green
 102 ends.

STEWART (Royal)
 A 6 lt. blue
 10 black
 2 yellow
 2 black
 2 white
 2 black
 12 green
 6 red
 2 black
 6 red
 2 white
 6 red
 2 black
 6 red
 12 green
 2 black
 2 white
 2 black
 2 yellow
 10 black
 6 lt. blue
 B 60 red
 162 ends.

STEWART (Hunting)

A 8 black
 2 blue
 2 black
 2 blue
 2 black
 10 blue
 4 green
 10 blue
 2 black
 2 blue
 2 black
 2 blue
 8 black

B 18 green
 4 yellow
 18 green

C 6 black
 4 green
 10 black
 4 green
 10 black
 4 green
 6 black

D 18 green
 4 red
 18 green
 180 ends.

STEWART (Dress)

A 6 lt.blue
 10 black
 2 yellow
 2 black
 2 white
 2 black
 12 green
 6 red
 2 black
 6 red
 2 white
 6 red
 2 black
 6 red
 12 green
 2 black
 2 white
 2 black
 2 yellow
 10 black
 6 lt.blue

B 60 white
 162 ends.

STEWART (of Appin)

A 2 green
 2 red
 8 blue
 2 red
 2 green
 4 red
 32 green
 2 red
 2 lt.blue
 2 blue
 4 red
 2 blue
 2 lt.blue
 2 red

32 green
 4 red
 2 green
 2 red
 8 blue
 2 red
 2 green

B 36 red
 2 blue
 2 lt.blue
 2 red
 2 green
 2 red
 2 lt.blue
 2 blue
 36 red
 206 ends.

STEWART (of Atholl)

A 10 black
 6 green
 2 black
 2 green
 2 black
 32 green
 2 black
 2 green
 2 black
 6 green
 10 black

B 32 red
 2 black
 8 red
 2 black
 32 red
 152 ends.

SHAW

A 6 black
 6 blue
 6 black
 30 blue
 6 red
 30 blue
 6 black
 6 blue
 6 black

B 84 green
 186 ends.

SUTHERLAND

A 18 black
 6 blue
 4 black
 4 blue
 4 black
 22 blue
 2 red
 4 blue
 6 red
 4 blue
 2 red
 22 blue
 4 black
 4 blue
 4 black
 6 blue
 18 black

B 44 green
 4 white
 12 green
 4 white
 44 green
 242 ends.

URQUHART

A 10 black
 4 blue
 2 black
 4 blue
 2 black
 14 blue
 2 white
 8 blue
 2 white
 14 blue
 2 black
 4 blue
 2 black
 4 blue
 10 black

B 24 green
 4 blue
 4 green
 4 red
 4 green
 4 blue
 24 green
 152 ends.

WALLACE

A 36 black
 4 yellow
 36 black

B 36 red
 4 black
 36 red
 152 ends.

WEMYSS

A 6 black
 6 red
 16 black
 2 white
 16 black
 6 red
 16 black
 2 white
 16 black
 6 red
 6 black

B 36 red
 4 green
 6 red
 4 green
 36 red
 184 ends.