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## P R E F A C E .

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In submitting the following treatise on the Cross,—the first of a proposed series of volumes devoted to the different openings,—any apology seems unnecessary.

The game of Draughts has been practiced for centuries, but never so extensively as at the present time. Its profound intricacy is to a certain degree, incomprehensible, yet its rules and first principles are so simple that almost any person, with a few days of practice and study, can gain a limited knowledge of the game. To be a master player, however, requires two qualities—judgment and memory. The first enables one to make deep, searching and exact calculation, to compare different lines of play without moving the men, and adopt the proper one. The second enables one to retain what he has discovered, what has been shown him, how he has lost or won before, what has been laid down in the books, or published from week to week in the numerous magazines and draught columns. Memory is of great importance, not, however, so indispensable as judgment; and the secret of every great player's success lies in these two qualities.

In chess judgment becomes of still greater importance, because the position is more likely to assume a new form which you have never before seen, and at once throws you on your own judgment; while on the other hand, the line of play adopted will be less liable to run in that which you have committed to memory, and will be of little or no help.

To my superiors in general, and particularly those whose names are quoted in this book, I have nothing to say; but to the amateur and student candor compels me to state that, in my opinion, if we were to devote a life-time to checkers or chess, but few of us could aspire to be a Yates, Wyllie, Morphy, or Zukertort, and your humble servant would not by any means be one of these few. But this makes little difference as to the enjoyment any or all of us may obtain from a few months' attention to the game; for few, if any, have had more real pleasure from a limited knowledge of its beauties than the writer of these lines.

A certain degree of chance enters into almost everything, perhaps death and taxes excepted; but if there be one game more free from chance than another that is sweet "Dameh" itself, chess not excepted.

Checkers, as an intellectual pastime, has no superior. It enables you to weigh yourself mentally with your fellow-man; it causes the rich and poor to intermingle in the most friendly manner; capital and labor are often seen struggling across the board in the most social style. Esteem and friendships spring up between devotees of the game, both far and near; and the players of England, Scotland and the Canadas, are as well known and admired as though they lived in our midst, to which the quotations in this volume will most amply testify.

This work is intended to be historical, corrective, and additional. The plan of James Neilson, first adopted in Anderson's 2d edition, has been followed as near as has been consistent with that idea. The play of the Authors has been quoted in full, in chronological order, except where they showed it to be unsound themselves in the same volume. The trunk is the same as Anderson's 1st, it being the same as in the 2d and 3d, and also the American Draught player. Then Payne's two games next, (see var. 1 and 2).

The star (\*) always stands for a supposed correction, and is a warning at all times. Passing down variation 1 to the 25th move you will see 31-27 starred. Beware now! If you play 31-27 Black will beat you by \*23-26, as shown by Mr. Bertie in var. 515. You can instead play \*25-22 and your game will be safe for a draw, as shown by Mr. Heffner in var. 916. Again, in var. 2 at 3d move, 4-8 loses; but \*11-16 or \*5-9 draws, as shown in var. 10 and 11 by Sturges. And thus it is throughout the first 514 variations. Look out for the \*.

I know some will say the weak play ought to have been eliminated. With those I shall have no controversy, it being a question difficult to decide which plan to adopt; being intent, however, on retaining the history of the Authors in full, the present plan was decided upon.

Criticism is invited, and all corrections coming to the notice of the author will be published, with due credit in every instance, in a supplement to the second edition, or in future volumes on other openings.

After the 514th variation, which closes the Author's play, no \* will appear, except at the first move in the variation, which indicates that it is a correction of the Authors, claimed by him whose name appears at the bottom, all weak play so far as known having been eliminated from the contributors' part of the volume; the \* in var. 925 being a solitary exception, Mr. Heftter sending me the correction long after the manuscript was in the printer's hands.

The number of variations copied from the different books is as follows:—Payne 2, Sturges 46, Sinclair 8, Hay 28, Drummond's 1st 59, Auderson's 1st 69, Drummond's 2d 95, Anderson's 2d 17, American Draught Player 67, Game of Draughts 27, Draughts for beginners 1, Drummond's 4th 95, Anderson's 3d 14; total, 528.

Just as this volume goes to the binder's, Mr. M'Culloch's 3d edition of Anderson comes to hand, for which we beg the author to accept our most heartfelt thanks. We bow gracefully, and hope to return the compliment at once.

That any other book should be as free from errors as Anderson's 3d is impossible. Anderson's 2d being one of the most correct ever pub-

lished, and the 3d embraces the discoveries of the combined world for more than 25 years. If there is one blemish it is in not using quite care enough in giving credit to those noble laborers who have made some of the discoveries. We had hoped Adair might retain his 5-9 Bristol, and Drummond his 30-26 Whilter, etc. Personally we have no grievance, but simply plead for others. However, its beautiful pages will be an imperishable honor to the great Anderson, to Draught literature, and to its talented author, Robert M'Culloch.

In conclusion, feeling we are one of the most feeble of mortals, dealing with a most profound subject, we beg of you one and all, your leniency.

R. E. BOWEN.

MILLBURY, MASS., Aug. 16, 1878.

## AUTHORS QUOTED,

CHRONOLOGICALLY ARRANGED.

William Payne, " London, Eng., 1756.	Andrew Anderson, Carluke, 1852.
Joshua Sturges, " 1800.	Henry Spayth, Buffalo, N. Y., 1860.
James Sinclair, Glasgow, Scot., 1832.	" " "
William Hay, Sterling, " 1838.	" " "
John Drummond, Falkirk, " 1838.	John Drummond, Glasgow, 1866.
Andrew Anderson, Lanark, " 1848.	Andrew Anderson, " 1878.
John Drummond, Glasgow, " 1851.	

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## LAWS OF THE GAME.

1—The standard board must be of light and dark squares, not less than fourteen inches nor more than fifteen inches across the squares.

2—The standard men, technically described as white and black, must be light and dark, (say white and red or white and black,) turned and round, not less than one inch, nor more than one and one-eighth inches in diameter.

3—The board shall be placed so that the bottom corner square on the left hand shall be black.

4—The men shall be placed on the black squares.

5—The black men shall be invariably placed on the real or supposed first twelve squares of the board; the white on the last twelve squares.

6—Each player shall play alternately with white and black men, and lots shall be cast for the color only once, viz.: at the commencement of a match, the winner to have the choice of taking black or white.

7—The first play must invariably be made by the person having the black men, and alternately till the end of the match.

8—**TIME.**—At the end of five minutes, (if the play has not been previously made) time must be called by the person appointed for that purpose, in a distinct manner, and if the play be not completed on the expiration of another minute, the game shall be adjudged to be lost through improper delay.

9—When there is only one way of taking one or more pieces, time shall be called at the end of one minute, and if the play be not completed on the expiration of another minute, the game shall be adjudged to be lost through improper delay.

10—After the first move has been made, if either player arrange any piece, without giving intimation to his opponent, he shall forfeit the game; but if it is his turn to play, he may avoid the penalty by playing that piece, if possible.

11—After the pieces have been arranged, if the player whose turn it is to play touch one, he must play it or forfeit the game. When the piece is not playable, he forfeits according to the preceding rule.

12—If any part of a playable piece is played over an angle of the square on which it is stationed, the play must be completed in that direction.

13—A capturing play, as well as an ordinary one, is completed whenever the hand has been withdrawn from the piece played, even although one or more pieces should have been taken.

14—The huff or blow is to remove from the board, before one plays his own piece, any one of the adverse pieces that might or should have taken. But the huff or blow never constitutes a play.

15—The player has the power either to huff, compel the capture, or let the piece remain on the board, as he thinks proper.

16—When a man first reaches a square on the opposite extreme line of the board it becomes a King, and can be moved backward or forward as the limits of the board permit, though not in the same play, and must be crowned (by placing a man on the top of it) by the opponent; if he neglect to do so, and play, any such play shall be put back until the man be crowned.

17—Either player making a false or improper move, shall instantly forfeit the game to his opponent, without another move being made.

18—When taking, if either player remove one of his own pieces, he cannot replace it; but his opponent can either play or insist on his replacing it.

19—A Draw is, when neither of the players can force a win: when one of the sides appears stronger than the other, the stronger party is required to complete the win, or show at least a decided advantage over his opponent within forty of his own moves—to be counted from the point at which notice was given:—failing in which, he must relinquish the game as a Draw.

20—Anything which may tend to annoy or distract the attention of the player, is strictly forbidden; such as making signs, or sounds, pointing or hovering over the board, unnecessarily delaying to move a piece touched, or smoking. Any principal so acting, after having been warned of the consequence, and requested to desist, shall forfeit the game.

21—While a game is pending, neither player is permitted to leave the room without giving a sufficient reason, or receiving the other's consent, or that of the company.

22—Either player committing a breach of any of these laws, must submit to the penalty, and his opponent is equally bound to exact the same.

23—Any spectator giving warning by sign, sound, or remark, on any of the games, whether played or pending, shall be expelled from the room during the match.

24—Should any dispute occur, not satisfactorily determined by the preceding laws, a written statement of facts must be sent to a disinterested arbiter, having a knowledge of the game, whose decision shall be final.

25—A match must consist of an even number of games, so that each player will have the first move the same number of times.



## WILLIAM PAYNE, LONDON, 1756.

CROSS.	1	2	3	4	5
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752 } 23 18	3 } 27 23	*10 } 23 19	18 11	19 10	309 } 17 13
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889 }	882 }	27 23	24 19	26 19	152 2 6
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213 } 26 23	217 } 23 19	30 26	331 22 18	16 } 19 15	21 15 18
214 }	861 }	330 9 14	4 8	626 } 11 18	22 15
	4 }	18 9	25 22	22 15	11 18
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57 7 10	5 14	12 1 5	10 14	18 16 19	19 15
24 19	5 } 22 17	19 16	19 15	996 31 26	10 19
15 24	327 } 15 18	12 19	3 8	A 14 18	24 15
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215 12 16	85 } 11 15	11 20	2 7	19 9 13	22 32 27
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11 16		13 22	7 10	3 7	26 23
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147 }	10 15	14 17	14 11 15		26 23
13 6	15 24	21 14	18 4	A	11 16
148 1 10	28 19	10 17	14 17	9 13	31 26
32 28	14 18	26 23	21 14	29 25	8 12
4 8	17 14	17 26	9 18	3 7	15 11
149 25 22	10 17	31 22	23 14	32 27	16 19
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151 9 13	9 6				25 21
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D. Anderson	D. Payne.	W. Payne.	D. Sturges.	D. Sturges.	D. Sturges.
1st., 55, B.	0	0	1	1	1

## JOSHUA STURGES, LONDON, 1800.

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21 17		25 18	5 9	22 17	13 6
9 13		30 25	14 18	13 22	2 9
17 14		29 22	19 16	25 11	25 22
22 26		16 19	11 27	16 20	8 11
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7 14		11 20	12 16	7 16	9 13
18 9		18 15	14 10	29 25	18 9
5 14		19 23	16 19	1 10	5 14
19 16		22 18	10 6	21 17	22 18
12 19		10 19	8 12	5 9	14 17
23 7		17 14		17 13	21 14
26 31		8 11		2 6	10 17
		14 5		25 22	19 15
		6 10		9 14	16 19
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D. Sturges.	B. Sturges.	D. Sturges.	D. Sturges.	D. Sturges.	D. Sturges.
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7 14	16 20	10 15	86 } 11 18	*583 } 2 7	
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W. Sturges.	B. Sturges.	W. Sturges.	D. Sturges.	D. Sturges.	D. Sturges.
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## JOSHUA STURGES, LONDON, 1800.

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28 24	25 18		2 9		27 24
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20 16	18 14		26 23		26 22
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B. Sturges.	D. Sturges.	W. Sturges.	D. Sturges.	W. Sturges.	D. Sturges.
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24 20	23 14	32 23	47 27 23	19 12	17 14
18 22	16 30	15 18	16 20 *522	15 18	10 19
25 18	13 9	22 15	32 27 *525	23 19	14 5
15 22	6 22	16 20	15 18	18 22	8 11
27 18	25 2	25 22	22 15	25 18	5 1
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D. Sturges.	D. Sturges.	D. Sturges.	D. Sturges.	B. Sturges.	D. Sturges.
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## JOSHUA STURGES, LONDON, 1800.

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D. Sturges.					
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16 23	11 15	16 23	15 22	344 15 22	15 24
9 2	342 27 24	22 18	19 15	25 18	28 19
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18 25			18 27	26 30	
29 22			31 24	4 8	
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13 9				22 18	
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W. Sturges.	D. Sturges.	W. Sturges.	B. Sturges.	D. Sturges.	D. Sturges.
8	8	8	8	8	8

42	43	44	45	46	47
B. Sturges.	B. Sturges.	B. Sturges.	B. Sturges.	D. Sturges.	D. Sturges.
24 20	24 20	31 27	32 27	24 19	26 23
16 23	7 11	19 23	8 11	15 24	7 11
31 24	31 24	*349	24 19	27 24	24 20
8 11	16 19	15 31	19 23	11 16	15 31
22 18	22 18	22 15	24 19	19 15	32 27
15 22	14 23	11 18	3 8	16 19	31 24
25 18	25 22	28 24	28 24	30 26	28 19
23 26	23 26	23 27	23 27	60	12 16
18 15	22 18	24 19	24 20	422	15 11
11 18	15 22	18 22	1 5	16 20	11 27
20 16	24 15	25 18	31 24	*C1	26 23
12 19	10 19	14 23	8 12	19 26	27 31
24 15		29 25	22 18	31 15	4 8
10 19		31 26	10 14	9 18	31 27
17 1		25 22	18 9	25 22	8 11
9 14		27 32	5 14	18 25	3 8
1 6		19 16	19 15	29 22	11 4
18 22		23 27	11 18	*423	27 23
348 6 9		22 18	24 19	5 9	19 26
14 18		26 23	30 26	22 18	12 19
9 14		17 14	19 15	2 6	23 26
19 23		10 17	18 23	27 23	4 8
		21 5	15 10	20 24	8 11
		23 14	23 27	23 19	26 23
			10 6	24 27	
			27 31	21 17	
			6 1		
			31 27		
			1 6	Hay	
				continues	
			26 23	*27 31	
			25 22	17 14	
			23 19	31 27	
			6 10	and B. wins.	
			27 23		
			10 17		
			23 26		
			22 18		
			13 22		
			21 17		
			26 23		
			18 14		
			19 15		
			14 9		
			23 19		
			9 5		
			15 10		
28	29	30	31	35	39

48	49	50	51	52	53
20 24		11 15	11 15	3 7	2 6
27 20	13 9	54 30 26	26 22	26 22	32 27
18 27	6 13	15 24	15 24	2 6	11 15
19 15	24 20	424 } 26 22	22 6	22 15	19 16
12 19	15 24	424 } 13 17	2 9	11 18	12 19
28 24	22 6	425 } 22 13	21 17	32 27	26 23
19 28	1 10	2 6	13 22	8 11	19 26
26 22	28 19	32 28	25 18	30 26	30 7
	50 14 18	8 11	8 11	11 15	3 10
918	31 26	28 19	29 25	19 16	21 17
51 }		11 15	3 7	12 19	13 22
52 }	18 23	19 16	25 22	350 27 24	25 4
53 }	26 22	12 19	7 10	19 28	
	23 27	20 16	22 17	26 23	
	32 23	15 18	24 28	18 27	
11 15	55	16 11	17 13	21 17	
19 16		10 15	10 15	13 22	
12 26		25 22	13 6	25 2	
30 23		18 25	15 22		
8 11		29 22	6 2		
23 18		14 18	11 15		
3 7		22 17	2 7		
21 17		18 23	15 18		
15 19		17 14	7 10		
		15 18	18 23		
		14 9	10 15		
		6 10	22 26		
		9 6			
		10 15			
		6 1			
		23 27			
		31 24			
		19 28			
D. Sturges.	D. Sinclair.	D. Sinclair.	D. Sinclair.	D. Sinclair.	W. Sinclair.
39	1	49	49	49	49

## JAMES SINCLAIR, GLASGOW, 1832.

19

54	55	56	57	58	59
31 26	31 26	13 17	6 10	2 7	19 23
15 24	19 24	22 13	62 24 19	31 26	68 16 12
26 22	16 11	2 6	15 24	7 14	69 7 10
56 14 17	24 27	32 27	63 27 20	26 19	70 } 22 18
21 7	11 7	30 26	28 24	11 16	90 } 10 19
3 10	27 31	31 22	4 8	16 20	31 27
22 17	7 2	25 2	426 22 17	24 19	71 6 10
13 22	31 22		64 } 8 12	1 6	29 25
25 18	2 9		427 } 32 28	25 22	8 11
8 11	10 15		428 } 10 15	14 18	27 24
29 25			17 10	28 24	11 16
2 6			65 } 7 14		24 6
25 22			429 } 26 22		1 10
6 9			2 6		28 24
22 17			66 24 19		9 13
Same as 51			15 24		18 9
at 14.			28 19		5 14
			6 10		25 22
			67 31 27		10 15
			9 13		24 19
			18 9		15 24
			5 14		22 18
			27 24		
			1 5		
			22 17		
			13 22		
			25 9		
			5 14		
			29 25		
			14 18		
			23 7		
			3 10		
		351	21 17		
			16 23		
		430	17 13		
		431	23 27		
			13 9		
			27 32		
			9 6		
			32 28		
			6 2		
			28 19		
			2 7		
D. Sinclair	D. Sinclair	W. Sinclair	D. Hay	D. Hay	D. Hay
50	50	54	0	16	17

60	61	62	63	64	65
72 } 2 7	*14 10	22 17	28 19	17 13	24 19
73 } 26 23	2 6	15 22	77 } 11 16	10 15	15 24
19 26	26 23	25 18	432 } 18 15	13 6	28 19
31 22		526 9 13	1 6	1 10	11 15
9 13					
15 11		18 9	78 15 11	18 9	80 18 11
7 16		13 22	14 18	5 14	14 17
22 15		26 17	22 15	32 28	
16 20		5 14	9 14	15 18	
25 22		24 19	26 22	31 27	
12 16	74	11 15	14 18	10 15	
14 10		28 24	23 14	79 25	22
5 9		15 18	10 26	18 25	
22 18		29 25	31 22	29 22	
16 19	75	7 11	16 23	2 6	
10 6		24 20	27 18	22 17	
	76	2 6	7 16	6 9	
		19 15	18 14		
			2 7		
D. Hay.	D. Hay.	D. Hay.	B. Hay.	B. Hay.	B. Hay.
46	46	57	57	57	57

## WILLIAM HAY'S FIRST, STERLING, 1838.

21

66	67	68	69	70	71
22 17	22 17	31 26	23 26		8 11
15 22	9 13	8 11	30 23	15 11	27 24
25 18	18 9	91 26 19	14 18	8 15	11 16
6 10	5 14	11 25	23 14	31 26	24 15
17 13	81 } *735 } 25 22	29 22	9 25	23 27	6 10
10 15	1 5	92 6 10	29 22	32 23	15 6
13 6	433	28 24	7 10	9 13	1 10
15 22	29 25	22 18	23 19		29 25
5 9	5 9	28 24	23 19		
6 2	31 26	9 13	15 24		
24 19	31 26	24 20	10 19		
9 13	19 15	14 17	18 15		
28 24	11 27	82 21 14	28 19		
3 7	20 4	10 26	15 6		
	27 31	1 10	19 10		
	26 23	32 27	6 15		
Dd—	12 16		26 23		
	4 8		5 9		
	31 26		30 25		
	8 11		12 16		
	26 19		4 8		
	11 20		31 26		
	19 15		27 31		
	20 24		32 28		
	14 18		14 18		
	24 27		28 24		
	9 14		18 23		
	27 24		24 28		
	18 23		23 27		
	24 28		28 32		
	23 27		27 31		
	28 32		32 28		
	27 31		14 18		
	32 28		28 24		
	14 18		18 23		
	28 24		24 28		
	18 23		15 19		
	24 28		28 32		
	15 19		31 27		
	28 32		32 28		
	31 27		27 32		
B.	Hay.	B.	Hay.	B.	Hay.
57		57		59	
D.	Hay.	D.	Hay.	D.	Hay.
				59	
					59

72	73	74	75	76	77
21 17	15 10	28 24	24 20	32 28	22 17
9 13	12 16	16 20	2 6	15 24	10 15
25 21	83 } 21 17	23 18	31 26	28 19	
13 22	84 } 9 13	14 23	8 11	2 6	
26 17	25 21	27 18	19 16	545 19 15	
19 23	13 22	20 27	12 19	10 26	
27 24	26 17	32 23	23 16	31 15	
23 27	18 23	4 8	6 9	14 18	
24 19	27 18	18 15	17 13	392 15 11	
27 32	5 9	10 14	18 23	6 9	
14 10	14 5	17 10	26 19	11 7	
7 14	7 23	7 14	11 15	3 10	
17 10	17 14	31 26	13 6	17 14	
32 28	19 24	2 7	15 31	10 17	
10 6	14 10	29 25	6 2	21 5	
1 10	16 20	7 11	7 11	4 8	
13 6	21 17		16 7	27 24	
18 23	24 27				
6 2					
3 8					
2 7					
28 24					
19 15					
24 19					
7 10					
D.	Hay.	B.	Hay.	D.	Hay.
60		60		62	
				62	
				62	
					63

## WILLIAM HAY'S FIRST, STERLING, 1838.

23

78	79	80	81	82	83
				5 9 21 17	
434	22 18 16 20	26 22 16 19 23 16 12 19 22 17 19 23	20 11 15 24 26 22 12 16 22 17 2 6	31 27 13 22 25 9 11 15 20 11 15 31	27 23 18 27 31 15 9 18 26 22 7 14
	Dd.—	17 10 6 22 25 18 16 20 21 17 9 13 17 14 24 27 31 24 20 27 14 10 27 31 18 15 31 26 23 19 26 23 19 16 16 12 19 16	23 18 31 26 18 14 10 17 21 14 26 22 14 10 21 14 31 24 20 27 14 10 27 31 18 15 31 26 23 19 26 23 19 16 16 12 19 16		22 17 18 23 17 10 23 26
B.	Hay.	B.	Hay.	B.	Hay.
63		64		65	
				67	
					69
					73

84	85	86	87	88	89
	93 } 18 23			6 10	
26 22	94 } 19 15	31 27	31 26	103 27 18	31 26
19 23	95 } 11 18	6 10	7 11	104 } 10 19	5 9
22 15	22 15	25 22	26 19	105 } 17 14	32 27
9 18	10 19	18 25	11 18	8 11	14 18
	24 15	29 22	19 15	106 25 22	109 21 17
	96 } 14 18	9 14	102 9 13	1 6	18 25
	97 } 31 27	27 23	25 22	29 25	29 22
	98 }	8 11	18 25	107 9 13	6 10
	99 7 11	30 26	29 22	108 32 27	15 6
100 28 24	101 11 15		6 10	6 10	1 10
435 2 7	22 17		15 6	27 24	27 24
	24 19	15 24	1 10	10 26	10 15
	11 16	28 19	28 24	30 16	24 20
	17 14	5 9	8 11	12 19	8 12
	7 10	17 13	24 19	24 8	16 11
	14 7	2 7	5 9	3 12	7 16
	3 10	13 6	30 25	28 15	20 11
	25 22	14 18	11 15	13 17	15 18
	18 25	23 14	32 28		
	29 22	10 17	15 24		
	1 5	21 14	28 19		
	27 18	1 17	3 8		
	16 23	19 15	20 16		
	15 11		9 14		
	8 15		25 21		
	18 11		10 15		
	10 15		19 10		
*436	11 8		12 19		
	15 19		10 6		
	8 4		14 18		
	12 16				
	4 8				
	23 26				
	30 23				
	19 26				
B. Hay.	D. Drum'd 1	D. Drum'd 1	D. Drum'd 1	D. Drum'd 1	B. Drum'd 1
73	1	15	15	15	17

## JOHN DRUMMOND'S FIRST FALKIRK, 1838.

25

90	91	92	93	94	95
		9 13			
22 17	15 8	110 32 27	22 18	31 27	24 20
10 19	3 19	6 10 *437	11 16	14 18	11 15
17 10	22 17	27 24	18 9	22 15	120 31 26
6 15	14 18	1 6	6 22	11 18	15 24
31 26		16 12	25 18	17 14	121 28 19
15 18		14 17	111 } 16 20	10 17	8 11
29 25		21 14	112 } 29 25	21 14	17 13
8 11		10 26	113 } 20 27	6 10	11 15
26 22		30 23	31 24	119 14 9	22 17
11 15		13 17	114 } 2 6	23 26	15 24
21 17			21 17	30 14	26 19
9 13			115 } 7 11	10 17	7 11
17 14			25 22	25 21	25 22
1 6			116 11 16	17 22	11 15
			117 24 20	9 5	24 27
			8 11	8 11	
			28 24	24 20	
			10 15	22 26	
			19 10	29 25	
			6 15	26 31	
			17 14	27 23	
			16 19	31 27	
			32 28	19 15	
			23 27	11 18	
			22 17	23 14	
			15 22	27 23	
			24 8	25 22	
			27 32	23 19	
			14 10		
			32 27		
			17 13		
			22 26		
			30 23		
			27 18		
			10 7		
			3 10		
			8 3		
			18 14		
			3 7		
			10 15		
			7 11		
			14 18		
		118	11 7		
			15 19		
			7 10		
			18 15		
			10 7		
			*19 23		
B. Drum'd 1	B. Drum'd 1	B. Drum'd 1	D. Drum'd 1	D. Drum'd 1	B. Drum'd 1
59	68	68	85	85	85

96	97	98	99	100	101
31 26	25 22	28 24	7 10	25 22	2 7
7 11	18 25	23 27	17 14	18 25	22 17
26 19	29 22	32 14	10 17	11 15	20 16
18 23	7 10	7 10	21 14	27 18	15 24
28 24	31 27	14 7	6 10	3 7	28 19
11 18	10 19	3 28	14 7	29 22	14 18
24 20	27 18		3 19	7 10	23 14
3 7	8 11		27 24	7 10	3 8
25 22	17 14		352 2 7	10 19	17 13
18 25	3 7		24 15	17 14	10 17
29 22	22 17		12 16	6 9	21 14
7 10	11 16		28 24	14 5	1 6
17 13	17 13		16 19	11 16	26 22
8 11	19 24		24 20	28 24	6 10
32 28			7 10	19 28	22 17
23 27			15 6	18 15	8 11
			1 10		32 27
			25 22		11 20
			18 25		27 23
			29 22		8 11
			8 11		20 24
			22 17		23 18
			19 24		24 27
			17 13		18 15
			10 14		12 16
			13 9		
			11 15		
			9 6		
			15 18		
B. Drum'd 1	B. Drum'd 1	B. Drum'd 1	D. Drum'd 1	D. Drum'd 1	D. Drum'd 1
85	85	85	85	85	86

## JOHN DRUMMOND'S FIRST, FALKIRK, 1838.

27

102	103	104	105	106	107
3 7					19 23
28 24	15 6	17 13	18 15	30 26	129 } 28 24
123 7 11	1 10	8 11	19 23 } 25 22	7 10	130 } 6 10
32 27	27 18	13 6	126 } 25 22	14 7	22 17
6 10	10 14	1 10	127 } 9 13	3 10	9 13
15 6	17 10	25 22	128 } 22 18	32 27	25 22
1 10	7 23	124 5 9	13 22	10 14	10 15
17 13	28 24	29 25	15 11	27 23	32 28
9 14	8 11	19 23	7 16	11 16	23 27
25 22	24 19	125 28 24	20 4	20 11	24 19
18 25	3 7	10 15	12 16	1 6	15 24
29 22	25 22	32 28	28 24	23 16	28 19
10 15	7 10	7 10	16 20	14 30	7 10
13 9	29 25	24 19	24 19		
14 18	11 15	15 24	22 26		
9 6		28 19	19 16		
18 25		10 14	26 31		
30 21		19 15	16 12		
		23 27	23 27		
		15 8	32 23		
		14 23	31 26		
		27 31	23 19		
			26 23		
			19 16		
D. Drum'd 1	B. Drum'd 1	D. Drum'd 1	B. Drum'd 1	B. Drum'd 1	D. Drum'd 1
87	88	88	88	88	88

	108	109	110	111	112	113
	25 21	16 12	28 24	19 16	18 15	31 27
	6 10	18 25	6 10	20 27	20 27	10 14
131	21 17	29 22	24 20	31 24	15 6	18 9
	3 8	9 14	1 6	12 19	134 2 9	1 5
	30 26	132 27 23	16 12	24 6	31 24	27 18
	12 16	7 10	14 17	2 9	135 9 14	5 23
	32 27	23 16	21 14	353 29 25	29 25	
	10 15	10 19	10 26	8 11	14 18	
	27 24	30 25	30 23	25 22	21 17	
		1 5	13 17	11 16	7 10	
				133 28 24		
				16 20		
				24 19		
				20 24		
				19 16		
				24 27		
				18 15		
				27 31		
				15 11		
B. Drum'd	1	B. Drum'd	1	B. Drum'd	1	D. Drum'd
88		89		92		93
						1
						93

## JOHN DRUMMOND'S FIRST, FALKIRK, 1838.

29

114	115	116	117	118	119
24 20	18 14	10 15	19 15	13 9	25 21
7 11	10 17	6 15	10 19	18 14	10 17
18 14	21 14	17 14	24 15		21 14
10 17	7 10	3 7	137 6 9		23 26
21 14	14 7	14 9			30 23
11 15	3 10	136 7 10			18 22
19 10	25 22	9 5			
6 15	8 11	1 6			
14 10	24 20	5 1			
8 11	11 15	6 9			
25 22	20 16	24 19			
12 16	15 24	15 24			
	28 19	28 19			
	23 26	10 14			
	30 23	1 5			
	10 15	11 16			
		22 17			
		14 21			
		5 14			
		16 20			
		14 10			
		20 24			
		10 15			
D. Drum'd 1	D. Drum'd 1	W. Drum'd 1	D. Drum'd 1	B. Drum'd 1	B. Drum'd 1
93	93	93	93	93	94

120	121	122	123	124	125
28 24	26 19	10 19	18 23	10 14	25 21
8 11	8 11	14 10	25 22	18 9	10 15
138 31 27	17 13	6 15	7 10	5 14	21 17
14 18	14 17	25 22	24 19	32 27	9 13
139 17 13	21 14		20 16	140 27 23	17 14
23 26	10 26		6 9	19 26	7 10
30 14	30 23		15 6	30 23	14 7
10 26	24 27		1 10		3 10
	23 18		29 25		28 24
	27 31		23 26		12 16
	19 15		30 23		30 25
	11 16		10 15		23 26
	20 11		19 10		18 14
	7 16		12 26		10 17
			17 14		25 21
					26 30
					21 14
					30 25
					22 17
					13 22
					14 10
					22 26
					10 7
					16 19
					32 28
					26 31
					7 3
					31 27
					3 7
					11 16
B. Drum'd 1	B. Drum'd 1	W. Drum'd 1	D. Drum'd 1	D. Drum'd 1	B. Drum'd 1
95	95	99	102	104	104

## JOHN DRUMMOND'S FIRST, FALKIRK, 1838.

31

126	127	128	129	130	131
25 21	28 24	29 25	25 21	22 17	30 26
7 11	7 11	7 10	11 15	23 26	10 17
15 10	15 10	15 6	18 2	30 23	21 14
9 13	9 14	1 10	9 25	11 15	7 10
141 17 14	17 13	28 24	2 9		14 7
11 15	14 17	8 11	5 14		3 10
28 24	25 21	24 19			32 27
8 11	17 22	5 9			10 14
29 25	21 17	25 21			18 9
15 18	11 15	11 15			5 14
32 28	30 25	32 28			
23 27	8 11	15 24			
30 26		28 19			
27 31		3 8			
26 22		20 16			
11 15		23 27			
B. Drum'd 1					
105	105	105	107	107	108

132	133	134	135	136	137
		1 10	8 11	1 5	6 10
26 23	21 17	31 24	29 25	24 19	15 6
19 26	9 13	10 14	11 15	15 24	1 10
30 23	18 15	29 25	19 10	28 19	28 24
13 17	16 20	14 18	7 14	5 14	16 20
22 13	142	21 17	25 22	18 9	24 19
6 9		8 11	9 13	7 10	8 11
13 6		143	19 15	22 18	17 13
1 26		11 16		10 14	20 24
		24 20		9 6	13 9
		16 19		14 17	24 27
		25 21		6 2	9 6
		12 16		11 16	27 31
		20 11		2 7	6 2
		7 16			
		15 10			
		18 22			
		17 13			
		23 26			
		30 23			
		19 26			
B. Drum'd 1	B. Drum'd 1	D. Drum'd 1	D. Drum'd 1	W. Drum'd 1	W. Drum'd 1
109	111	112	112	116	117

## JOHN DRUMMOND'S FIRST FALKIRK, 1838.

33

138	139	140	141	142	143
31 26	17 14	27 24	30 25	24 20	17 13
11 16	10 26	19 23	13 22	8 11	11 15
20 11	19 10	22 18	25 18	19 15	19 10
7 16	6 15	14 17	5 9	12 16	7 14
24 20		18 14	21 17	15 8	13 9
		17 22	9 13	3 12	23 27
		14 7	17 14	20 11	32 23
		3 10	23 26	7 16	18 27
		24 19	14 9	28 24	9 5
			26 30	2 7	27 31
			9 6		5 1
			30 26		31 27
			6 2		24 20
			26 23		27 23
					25 22
					23 19
					1 5
					14 18
					22 15
					19 10
B. Drum'd 1	B. Drum'd 1	B. Drum'd 1	B. Drum'd 1	D. Drum'd 1	B. Drum'd 1
120	120	124	126	134	134

## 34 ANDREW ANDERSON'S FIRST, LANARK, 1818.

144	145	146	147	148	149
27 20	32 28	32 28	25 22	25 22	2 9
10 15	9 13	4 8	9 13	14 18	27 24
*219 28 24	156 } 22 18	27 24	32 28	23 14	16 20
6 10	157 } 6 9	2 6	4 8	9 25	23 16
220 32 28	158 18 15	24 15	27 24	29 22	20 27
*221 3 8	4 8	10 19	2 6	5 9	31 24
22 17	25 22	17 10	24 15	21 17	14 17
15 22	159 14 17	6 15	10 19	1 6	21 7
25 18	21 14	21 17	17 10	27 23	2 27
9 13	9 25	9 13	6 15	4 8	26 22
18 9	29 22	165 17 14	23 18	23 18	8 11
5 14	2 7	166 13 17	8 11	8 11	22 17
153 24 19	160 22 18		172 31 27	17 14	27 31
13 22	161 1 6	167 } 25 21		5 9	17 14
26 17	162 27 24	168 } 25 21	27 23	32 27	31 26
11 16	5 9		1 5	16 20	14 10
20 11	163 24 20	1 6	29 25	27 23	15 19
8 24	164 8 11	169 } 29 25	9 14	19 24	10 6
28 19	15 8	170 } 29 25	18 9	23 19	11 16
4 8	7 10	6 9	5 14	6 10	6 1
31 26	20 11	31 27		14 7	16 20
8 11	10 14	9 18		3 10	1 6
29 25	23 16	171 23 14		19 16	19 23
1 6	14 30	15 18			6 10
154 17 13	11 7	14 10			23 27
155 6 9		19 23			10 14
13 6		26 19			27 31
2 9		16 32			14 17
25 22		21 14			5 9
11 15					17 13
22 17					26 30
15 24					13 6
17 13					30 21
24 27					6 10
13 6					31 26
					10 15
					26 23
					15 10
					23 19
					10 14
					20 24
					14 18
					24 27
					18 14
					27 31
					14 10
					31 26
					10 6
					continued on next page.
D. And. 1.	D. And. 1.	D. And. 1.	B. And. 1.	W. And. 1.	
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	150		151		152	
26 23	24 20	10 14	8 11	11 16	3 8	
6 1	15 19	2 6	173 24 19	13 6	2 7	
23 18	22 17	14 17	11 20	16 23	26 23	
1 5	9 13	6 2	29 25	26 19	7 10	
18 15	26 22	15 18	15 24	2 9	8 12	
5 1	8 11	2 6	28 19	312 25 22	10 14	
15 11	29 25	18 14	20 24	174 } 9 13	18 15	
1 6	19 23	1 5	22 18	222 } 30 25	29 25	
3 7	22 18	17 13	7 11	223 } 14 17	23 26	
6 9	13 29	5 1	25 22	21 14	14 10	
7 10	18 9	14 9	24 27	10 26	15 6	
9 13	29 25	6 2	22 17	31 22	9 2	
10 15	21 17	3 8	9 13	8 11	26 23	
13 9	25 22	12 3	18 9	19 10	25 22	
15 18	21 13	19 12	13 22	7 14	12 16	
9 6	10 15	3 10	9 6	25 21	2 6	
18 22	9 5	9 6	11 15	12 16	16 19	
6 9	22 18	13 15	23 18	175 32 27	6 10	
22 26	13 9	2 9	15 24	11 15	19 24	
9 14	23 27	1 6	6 2	176 27 23	10 14	
26 31	23 27	12 8	27 31	16 20		
14 10	9 6	28 24	2 6	24 19		
31 26	27 31	8 12	31 27	15 24		
10 6	6 2	6 10	6 15	28 19		
26 22	6 2	24 19	27 23	20 24		
6 10	18 15	12 8	18 14	22 18		
22 17	1 6	19 16	23 18	1 5		
10 6	31 27	1 6	15 19	18 9		
17 14	31 27	8 3	18 9	5 14		
6 1	6 1	16 7	18 9	177 19 15		
14 10	19 23	10 15	19 28	24 27		
1 5	1 6	20 16		15 11		
10 6	23 26	3 10		27 31		
5 1	6 1	16 12		23 19		
11 15	26 31	15 11		*224 31 27		
1 10	1 5			19 15		
15 6	31 26			27 23		
12 8	5 1			15 10		
19 15	26 23			14 18		
8 3	1 6			11 7		
15 11	23 18			18 22		
	6 1			7 2		
	27 23			23 18		
	1 6			10 6		
	23 19			22 26		
	*6 1			6 1		
393	15 10			26 31		
	2 6			1 5		
	18 15			31 26		
	6 2			5 9		
B. And. 1.		B. And. 1.	D. And. 1.		D. And. 1.	
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153	154	155	156	157	158.
		2 7			
23 19	25 22	25 22	22 17	27 24	27 24
13 22	11 15	179 11 16	13 22	16 20	13 17
26 17	19 16	180 } 22 18	25 9	188 23 16	24 15
11 16	12 19	181 } 18	5 14	20 27	16 19
20 11	23 16	14 17	185 29 25	31 24	23 16
8 15	14 18	21 14	4 8	14 17	14 30
24 20	17 14	10 17	25 22	21 14	21 14
15 24	18 25	182 } 18 15	2 7	6 10	30 21
28 19	14 7	183 } 17 21	186 22 17	14 7	14 10
4 8	2 20	26 22	6 10	2 27	2 7
178 20 16		21 25	187 17 13		
8 11		22 17		14 17	
16 7		7 10		21 14	
2 11		15 11		10 17	
31 27		25 30		13 9	
14 18	184	23 18		17 21	
17 14		16 23		27 24	
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11 16		14 10		11 27	
19 15				31 24	
16 19				8 11	
15 11				26 23	
12 16				21 25	
11 7				24 20	
16 20				25 30	
7 2				23 18	
19 24				16 19	
				18 14	
				30 26	
				14 10	
				26 23	
				9 6	
				11 16	
				20 11	
				19 24	
B. And. 1.	B. And. 1.	D. And. 1.	B. And. 1.	B. And. 1.	B. And. 1.
144	144	144	145	145	145

159	160	161	162	163	164
W. And. 1.	B. And. 1.	W. And. 1.	D. And. 1.	D. And. 1.	W. And. 1.
14 18		13 17			7 11
23 14	27 24	27 24	18 14	31 27	31 27
9 25	8 11	*313	17 21	6 9	13 17
29 22	15 8		24 20	189 27 24	24 20
1 6	7 11			9 27	18 14
27 23	24 15		15 10	24 20	15 8
2 7	11 25		21 25	7 11	23 14
22 18	8 4		10 7	31 24	7 10
5 9	25 30		3 10	20 11	20 4
31 27	28 24		12 3	11 18	10 14
7 11	16 20		25 30	20 4	23 16
27 24	24 19		3 8	18 23	14 32
16 20	5 9		10 15	24 15	11 7
23 7	19 15		23 30	23 30	3 10
20 27	9 14			314	8 3
7 2	15 10		15 31		32 27
27 31	14 18		8 24		3 7
26 22	23 14				10 14
	30 23				12 8
	14 9				17 21
	20 24				7 11
	9 6				21 25
	24 28				11 15
	6 2				25 29
*915	28 32				8 3
*566	4 8				29 25
	32 28				3 7
	8 11				9 13
	13 17				7 2
					6 9
					16 11
145	145	145	145	145	145

165	166	167	168	169	170
25 22	5 9	25 22	14 10	23 18	14 10
5 9	14 5	17 21	196 15 18	15 22	6 9
23 18	23 14	193 14 10	23 14	14 10	21 14
8 11	19 24	21 25	19 24	6 15	9 27
190 31 27	28 19	10 7	28 19	21 14	31 24
1 5	16 30	3 10	16 30	22 25	16 20
191 29 25	25 21	12 3	25 21	29 22	
16 20	8 11	25 30	17 22	15 18	
192 25 21	14 10	194 22 17	21 17	22 15	
11 16	11 16	5 9	22 26	19 24	
18 11		17 13	31 22	28 19	
19 24		195 9 14	30 25	16 30	
28 19		3 7	17 13		
16 30		16 20	25 9		
27 23		23 16	13 6		
30 25		30 23	8 11		
23 18		7 11	6 2		
20 24		23 18	11 16		
11 8		28 24	2 7		
24 27		20 27			
8 4		31 24			
27 31		1 6			
4 8		24 20			
31 27		14 17			
8 11		16 12			
27 23		15 19			
17 14		12 8			
25 30		17 22			
11 15		8 3			
30 26		19 23			
21 17		20 16			
26 31		22 26			
15 10		16 12			
31 27		26 30			
10 15		12 8			
27 24		30 26			
15 10		8 4			
24 19		23 27			
10 6					
19 15					
B. And. 1.	D. And. 1.	D. And. 1.	D. And. 1.	D. And. 1.	B. And. 1.
146	146	146	146	146	146

171	172	173	174	175	176
21 14	18 14	24 20	30 26	24 20	24 20
8 11	16 20	9 13	8 11	16 19	16 19
14 10	31 27	28 24	22 17	32 27	20 16
18 22	11 16	14 18	13 22	1 6	1 6
26 17	27 23	23 14	26 17	201 27 24	202 16 11
19 26	13 17	10 26	14 18	3 8	6 9
27 24	22 13		17 14	24 15	203 27 24
26 30	15 18		10 17	11 25	14 18
25 21	26 22		21 14	29 22	21 17
16 20	18 25		7 10	8 11	18 25
24 19	29 22		14 7	28 24	29 22
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28 19	22 17	197	29 25	24 19	204 24 19
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	5 14		15 24	14 18	23 26
	17 10		28 19		19 16
			5 9		26 30
			32 28		16 12
			9 14		30 26
			31 27		11 8
			11 15		26 23
		198	28 24		8 4
			14 17		23 19
			25 21		4 8
			17 22		19 15
			21 17		8 4
			22 26		15 11
		199	20 16		
			26 31		
			16 11		
			31 26		
			11 7		
			26 23		
			7 2		
			23 16		
		200	24 20		
			16 19		
			20 16		
			10 14		
			17 10		
			19 23		
			16 11		
			23 32		
B. And. 1.					
146	147	151	152	152	152

177		178	179	180	181
29 25	11 15	31 27	206	11 15	22 17
24 27	6 1	8 11	22 17	19 15	7 11
25 22	15 10	29 25	15 24	10 19	26 22
27 31	1 5	1 5	26 22	22 18	11 15
22 18	10 6	205	7 11	14 17	
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27 18	21 17	17 13	13 6	14 9	
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18 23	17 13	13 6	18 9	9 6	
19 16	9 5	2 9	24 27	10 15	
23 19		21 17	6 2	18 14	
16 12		9 13	27 31	15 18	
19 15		17 14	2 6		
5 1		10 17	31 26		
15 10		25 21			
1 5		18 23			
10 14		21 14			
5 1		23 27			
13 17		14 10			
1 5		27 31			
17 22		10 7			
5 1		31 27			
22 26		7 3			
1 6		27 23			
26 31		3 7			
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6 1		17 22			
22 18		14 18			
1 5		22 26			
18 15		18 23			
5 1		26 31			
15 11		23 27			
1 6		31 26			
3 7		27 32			
6 10		26 22			
14 9		32 27			
10 3		22 18			
9 14		27 32			
12 8		18 15			
11 4		32 28			
3 7		16 19			
4 8					
7 2					
8 11					
2 6					
	B. And. 1.	B. And. 1.	D. And. 1	B. And. 1.	B. And. 1.
	152	153	155	155	155

## ANDREW ANDERSON'S FIRST, LANARK, 1848.

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182	183	184	185	186	187
19 15	18 14	11 7	27 24	22 18	27 24
7 10	6 10	30 25	16 20	6 9	10 15
15 11	14 9	7 3	207 23 16	208 27 34	17 10
10 15	7 11	25 21	20 27	1 6	7 14
18 14	9 6	3 7	31 24	24 15	24 20
15 18	10 14	21 14	14 17	16 19	8 11
14 9		7 2	21 14	23 16	31 27
18 27		14 9	6 10	14 30	1 5
9 2		2 7	14 7	31 27	27 24
16 19		10 14	2 27	30 26	5 9
2 6		7 11		27 24	
27 31		16 20		26 23	
				24 20	
				23 18	
				16 11	
				7 16	
				20 4	
				18 11	
B. And. 1.					
155	155	155	156	156	156

188	189	190	191	192	193
24 15	15 10	17 14	27 23	27 23	22 17
14 17	9 18	1 5	9 14	19 24	8 11
21 14	23 14	209 31 27	17 10	28 10	211 31 27
6 10	19 23	16 20	13 17	9 14	15 18
15 6	27 18	210 27 23	22 13	18 9	27 24
2 27	5 9	11 16	15 31	5 30	18 27
31 24	14 5	18 11	23 18	10 6	24 8
20 27	7 30	9 27	31 26	20 24	27 31
			18 14	6 2	26 22
			26 22	24 27	31 26
			13 9	2 6	8 4
			22 17	27 31	21 25
			9 6	6 10	14 9
			17 13	31 27	5 21
			6 2	22 18	4 8
			13 9	27 31	26 17
				26 22	29 13
				31 26	16 19
B. And. 1.	D. And. 1				
157	162	165	165	165	167

194	195	196	197	198	199
3 8	10 14	17 21			
16 20	13 6	25 22	24 20	27 24	17 14
23 16	1 10	8 11	15 24	18 23	10 17
30 23	3 7	10 7	28 19	20 16	19 10
8 11	16 20	3 10	18 22	23 26	26 31
15 19	23 16	12 8	32 28	16 11	10 7
22 17	30 23	21 25	1 6	26 31	17 22
23 18	7 11	8 3	31 27	11 7	7 3
16 12	23 18	25 30	6 9	31 27	22 26
19 23	28 24	3 8	27 24		3 7
	20 27	30 25	11 15		26 30
	31 24	22 18	20 16		7 10
	14 17	15 22	22 26		30 26
	16 12	8 24	16 11		212 10 15
	17 22	25 21	26 31		26 22
	12 8	26 17	11 7		15 19
	22 26	21 14	9 14		31 26
	8 3	24 20	7 2		20 16
	26 31		31 27		18 23
	3 7		2 6		27 18
	10 14		27 20		22 15
	24 20		29 25		19 10
	14 17		15 24		12 28
	7 10		28 19		
			14 17		
			6 15		
			17 21		
			25 22		
			20 16		

D. And. 1	W. And. 1.	W. And. 1.	B. And. 1.	B. And. 1.	B. And. 1.
167	167	168	174	174	174

200	201	202	203	204	205
2 7	29 25	16 12	29 25	24 20	17 13
10 14	6 10	6 10	19 23	15 19	11 15
17 10	27 24	29 25	27 18	20 16	27 24
16 11	10 15	3 7	14 23	23 26	15 18
7 16		12 8	28 24	16 12	
12 28		14 17	23 26	26 30	
		21 14	24 20	11 8	
		10 26	9 14	30 26	
				8 4	
				26 23	
				4 8	
				19 24	
				28 19	
				23 16	
B. And. 1.					
174	175	176	176	176	178

206	207	208	209	210	211
19 16	24 15	18 15	29 25	29 25	17 13
12 19	14 17	7 10	16 20	13 17	16 20
23 16	21 14	15 6	14 10	22 6	23 7
14 17	6 10	1 10	11 16	15 31	3 17
21 14	14 7	27 24	18 11		26 23
10 17	2 27	10 15	19 24		5 9
16 12	31 24	24 20	28 19		13 6
7 10	20 27	8 11	16 30		1 10
12 8		31 27	25 21		12 8
10 14		9 13	9 14		10 14
8 3		27 24			8 3
14 18		13 17			15 18
3 7		23 18			
18 25		14 30			
26 23					
25 30					
7 10					
15 19					
B. And. 1.	D. And. 1.				
179	185	186	190	190	193

212	213	214	215	216	217
10 14	18 14	24 20	22 17	32 27	24 20
26 23	9 18	4 8	4 8	15 19	15 19
	24 19	27 24	234 26 22	24 15	23 16
	15 24	12 16	16 20	10 19	12 19
	22 8	26 23	235 17 13	23 16	242 18 15
	4 11	8 12	8 11	239 12 19	11 18
	28 19	230 32 27	22 17	240 22 17	22 15
	11 15	9 13	12 16	9 14	243 9 14
	27 24	231 30 26	19 12	18 9	25 22
394	5 9	5 9	10 15	5 14	5 9
225	21 17	18 14	17 10	17 10	29 25
226	7 11	9 18	15 22	7 14	9 13
*547	25 21	23 14	25 18	25 22	244 31 27
	9 14	10 17	6 22	11 15	440 31 27
	29 25	21 14	13 6	22 17	
*548	15 18	1 5	1 10	6 10	441 14 18
227	17 13	232 26 23	21 17	17 13	20 16
438	17 13	233 16 19	5 9	241 2 6	10 14
	11 16	23 16	236 23 18	29 25	245 27 24
	31 27	12 19	9 13	8 12	246 7 11
	16 23	22 18	18 14	27 24	16 7
	26 19	15 22	2 7	3 7	2 11
228	6 9	24 8	237 14 9	31 27	32 27
439	13 6	3 12	10 14	7 11	3 7
	2 9	25 18	17 10	27 23	247 24 20
229	24 20	6 10	7 14	11 16	1 5
	18 23		9 6	24 20	26 23
	27 18		14 17	15 18	19 26
	14 23		6 2	20 11	30 23
	25 22		22 26	18 27	248 5 9
	9 14		31 22	11 7	249 23 19
	22 17		17 26	14 17	442 13 17
	14 18		2 6	21 14	22 13
	17 14		11 16	10 17	18 22
10 17		238 27 24		25 21	25 18
21 14		20 27		6 10	14 32
23 27		32 23			19 16
32 23		26 30			11 18
18 27					16 12
19 15					8 11
27 31					12 8
15 10					7 10
31 27					8 3
14 9					9 14
27 23					250 3 7
9 6					10 15
					7 16
					15 19
					16 23
B. And. 1.	D. Drum'd 2	D. Drum'd 2	D. Drum'd 2	D. Drum'd 2	
199	0	0	0	1	

	218	219	220	221	222
18 27				*1 6	
20 16	25 22	*22 17	22 17	255 24 19	24 20
27 31	9 13	15 22	15 22	15 24	15 24
16 11	A 26 23	17 10	25 18	28 19	28 19
32 27	1 6	6 15	9 13	3 8	8 11
11 7	30 25	26 17	18 9	20 16	32 28
31 26	15 18	15 18	13 22	11 20	11 15
7 2	22 15	23 14	26 17	22 17	256 } 28 24
26 23	11 27	9 18	5 14	9 13	257 } 7 11
2 18	32 23	32 27	32 28		30 26
23 14	13 22	11 15	4 8		1 6
21 17	25 9	251 25 22 *315	29 25		22 17
	6 13	18 25	11 15		13 22
	29 25	29 22 253	25 22		26 17
	13 17	5 9	8 11		15 18
	21 14	27 24	17 13		19 15
	10 17	2 6	1 6		10 28
	19 16	31 26 254	31 26		17 1
	12 26	4 8	3 7		18 23
	31 13	26 23	24 19		1 6
	2 6	8 11	15 24		28 32
	25 22	252 17 13	28 19		6 10
	8 11	9 14	11 15		32 28
	24 19	24 19			21 17
	6 10	15 24			23 27
	13 9	28 19			
	10 15 *554	11 15			
	19 10	19 10			
	7 14	6 15			
	28 24	22 17			
	11 15	15 18			
	9 6				
	14 18				
	24 19				

A

Same as Old  
14th, pp 179

D. Drum'd 2	D. Drum'd 2	D. Drum'd 2	B. Drum'd 2	B. Drum'd 2	D. Drum'd 2
1	5	1.	144	144	152

223	224	225	226	227	228
	*31 26				10 15
32 27	19 15	25 22	26 23	26 22	19 10
8 11	26 22	559 7 11	9 13	3 8	6 15
258 24 20	15 10 *395	26 23	25 22	22 15	30 26
15 24	14 18	9 13	6 9	11 18	12 16
28 19	11 7	30 25	29 25	32 28	26 23
11 15	18 23	6 9	9 14	18 23	16 20
27 24	7 2	264 31 27	25 21	19 15	356 13 9
7 11	22 18	2 6	266 1 5	10 19	1 5
259 30 26	10 6	23 18	549 30 26	24 15	444 23 19
260 1 6	23 26	10 14	3 8	14 18	*357 3 8
261 31 27	6 1	19 10	32 28	443 31 26	19 10
14 18	26 31	6 15	2 7	23 27	18 22
262 26 23	263 1 6	265 27 23	24 20	26 23	25 18
18 25	3 7	12 16	15 24	27 31	14 23
29 22	2 11	32 28	28 19	23 14	27 18
6 9	13 17	16 20	11 15	31 26	5 23
20 16	21 14	24 19	19 16	30 23	24 19
11 20	18 2	15 24	12 19	6 10	20 24
23 18		28 19	23 16	15 6	21 17
9 14		1 6	8 12	2 27	
*748 18 9			16 11	17 14	
*749 12 16			7 16	27 31	
19 12			20 11	25 22	
			14 18	31 27	
			11 7	14 10	
			18 25	27 23	
			7 2	10 7	
			13 22	8 11	
			26 17	7 2	
			15 18	11 16	
			2 7	2 7	
			10 15	16 20	
			7 10	7 10	
			25 30	12 16	
			10 19	10 14	
			18 23	16 19	
			19 26		
			30 23		
			17 14		
			23 18		
			14 10		
			12 16		
			10 6		
			5 9		
			6 1		
			9 13		

D. Drum'd 2	B. Drum'd 2	B. Drum'd 2	B. Drum'd 2	D. Drum'd 2	D. Drum'd 2
152	152	213	z13	213	213

## JOHN DRUMMOND'S SECOND, GLASGOW, 1851.

49

229	230	231	232	233	234
				6 9	
27 23	30 26	24 19	25 21	24 19	25 22
18 27	9 13	15 24	6 9		9 13
32 23	*701 18 14	28 19	14 10		18 9
3 7	10 17	10 15	7 14		5 14
268 25 22	21 14	19 10		358	19 15
7 11	6 9	6 15			10 19
22 18	22 18	18 14			17 10
1 5	15 22	15 19			6 15
30 26	25 18	22 18			23 18
9 13	1 6	19 26			8 11
18 9	29 25	30 23			32 28
5 14	6 10	16 19			16 20
24 20	25 21	23 16			18 14
11 15	10 17				11 16
19 16	21 14				27 23
12 19	13 17				3 7
23 16	24 19				23 18
15 19	17 21				1 5
16 11	19 15				18 11
14 18	21 25				19 24
269 11 8	15 8				
10 14	16 19				
8 3	23 16				
13 17	12 19				
3 7	*707 8 4				
18 22	25 30				
B. Drum'd. 2	B. Drum'd. 2	B. Drum'd. 2	B. Drum'd. 2	W. Drum'd 2	B. Drum'd. 2
213	214	214	214	214	215

235	236	237	238	239	240
32 28	17 13	27 23	27 23	274 11 20	18 15
8 11	2 6	20 24	26 30	22 17 9 14	11 18
27 24	270 23 18	272 23 18	23 18	18 9	22 15
20 27	10 14	273 24 28	30 26	5 14	7 10
31 24	27 23		18 15	17 10	25 22
9 13	20 24	continue	13 17	6 15	9 13
18 9	32 28	* 12 8	15 10	25 22	278 30 25
5 14	24 27	3 12	17 21	8 11	8 12
22 18	31 24	14 9	*360 10 7	21 17	15 11
13 22	22 26	Drawn.	3 10	11 16	12 16
18 9	24 19	T. Lear.	6 15	29 25	279 27 23
6 13	26 31		16 19	16 19	6 9
25 18	271 28 24		15 24	25 21	22 18
11 16	31 26		20 27	7 11	10 14
24 20	24 20		32 23	275 27 23	280 18 15
2 6	26 22		26 19	11 16	14 17
20 11	*359 19 15			276 17 14	21 14
10 15	22 26			3 7	9 27
19 10				277 22 17	31 24
6 22				2 6	16 20
23 19				17 13	
22 26				1 5	
19 15				*704 14 9	
26 31				5 14	
15 10				23 18	
31 27				14 23	
11 7				28 24	
12 16				20 27	
7 2					
27 23					
2 7					
16 19					
7 2					
23 18					
2 7					
19 23					
28 24					
23 26					
24 20					
26 31					
20 16					
31 26					
16 12					
13 17					
21 14					
18 9					
B. Drum'd. 2	B. Drum'd. 2	B. Drum'd. 2	B. Drum'd. 2	D. Drum'd. 2	B. Drum'd. 2
215	215	215	215	216	216

## JOHN DRUMMOND'S SECOND, GLASGOW, 1851. 51

241	242	243	244	245	246
8 12		7 11			18 23
29 25	31 27	32 27	32 27	16 12	16 11
3 7	9 14	11 18	14 18	7 10	7 16
27 24	18 9	26 23	446 20 16	288 27 24	24 20
7 11	5 14	19 26	10 14	18 23	8 12
281 25 22	282 27 24	39 7	286 16 12	22 18	20 11
11 16	10 15	2 11	*396 7 11	1 5	23 27
24 20	283 22 17	25 22	27 24	18 9	32 16
14 18	14 18	9 14	2 7	5 14	12 19
20 11	284 } 17 13	27 23	287 24 20	24 20	289 21 17
18 25	285 } 8 12	11 15	6 9	14 18	14 21
11 8	32 27	28 24	15 10	20 16	22 18
19 24	*703 11 16	8 11	476½ 18 23	2 7	2 7
28 19	20 11	23 19	22 18	28 24	11 2
15 24	7 16	14 18	23 27	19 28	1 5
8 3	26 23	19 10	31 15	26 19	2 9
12 16	19 26	18 25	14 23	10 14	5 23
3 8	30 14	29 22	26 19	30 26	290 15 10
16 20	16 20	6 15	11 18	18 23	23 27
8 11	*702 25 22	31 27	19 15	26 22	10 6
24 27	3 7	5 9		23 26	27 31
31 24	14 9	21 17	continue	32 27	25 22
20 27	7 10	3 8	* 7 14	28 32	13 17
26 22	22 17	27 23	30 26	22 18	
	15 18	9 13	13 17	14 23	
	17 14	23 19	20 16	27 18	
	10 17	15 18	1 5	6 9	
	21 14	22 15	16 11	25 22	
	12 16	11 18	18 22	26 31	
	29 25	17 14	25 18	21 17	
	1 5		14 30	31 26	
445	25 21		21 14		
	18 22		9 18		
			11 4		
			30 26		
			15 10		
			26 23		
			28 24		
			18 22		
			4 8		
			23 18		
			8 11		
			18 14		
			11 7		
			14 9		
			7 2		
			Drawn.		
			Bowen.		
D. Drum'd. 2	B. Drum'd. 2	D. Drum'd. 2	B. Drum'd. 2	B. Drum'd. 2	D. Drum'd. 2
216	217	217	217	217	217

247	248	249	250	251	252
	8 12				
26 23	15 8	28 24	21 17	31 26	23 18
19 26	7 10	8 12	14 21	12 16	6 10
30 23	22 15	15 8		20 11	17 13
13 17	10 26	7 10		18 22	10 14
22 13	8 3	22 15			13 6
6 9	26 30	398 10 28			14 23
	3 7	291 27 24			6 2
397	14 17	18 22			23 26
	21 14	23 19			22 17
	30 21	32 27			26 30
	7 2	292 8 3			17 14
	21 17	14 18			30 26
	2 9	3 7			
	17 10	9 14			
	27 24	19 15			
	5 14	27 31			
	20 16	7 2			
		6 9			
		2 6			
		31 26			
		15 11			
		26 22			
B. Drum'd. 2	D. Drum'd. 2	B. Drum'd. 2	B. Drum'd. 2	B. Drum'd. 2	B. Drum'd. 2
217	217	217	217	219	219

253	254	255	256	257	258
24 19	22 17	22 17	30 25	30 26	27 23
15 24	*751 15 18	15 22	15 24	15 24	14 17
28 19		25 18	28 19	28 19	21 14
8 11	continue	9 13	1 5	7 11	10 26
31 26	*23 19		22 17	31 27	31 22
11 15	11 15		13 22	11 15	11 18
19 16	20 16		25 9	27 24	19 10
12 19	A 2 7		5 14	3 7	7 14
23 16	24 20		29 25		293 24 19
15 19	15 24		7 11		14 17
	28 19		31 27		30 26
	18 22		11 15		1 6
	19 15		27 24		19 15
			15 18		16 19
	A				23 16
	3 7				12 19
	24 20				294 22 18
	15 24				3 7
	28 19				18 14
	18 22				17 22
	13 9				
	6 13				
	19 15				
Drawn.					
Hefters.					
B. Drum'd 2					
220	220	221	222	222	223

## 54 JOHN DRUMMOND'S SECOND, GLASGOW, 1851.

259	260	261	262	263	264
30 25	22 17	26 23	29 25	1 5	32 28
14 18	13 22	3 8	6 9	31 26	2 6
31 27	26 17	31 27	26 23	5 9	31 26
1 6	15 18	15 18	9 14	26 23	9 14
21 17	19 15	22 15		295 2 6	24 20
6 9	10 28	11 18			3 7 15 24
25 21	17 1	20 16			6 2 28 19
18 25	18 23	6 9			7 11 10 15
29 22	21 17				2 7
9 14	28 32				11 16
27 23	17 14				7 10
3 7	32 28				16 20
	14 10				9 5
	11 15				20 24
	1 6				10 14
	23 27				18 9
	31 24				5 14
	28 19				24 27
	29 25				29 25
	19 24				13 17
B. Drum'd 2	D. Drum'd 2	B. Drum'd 2	B. Drum'd 2	B. Drum'd 2	B. Drum'd 2
223	223	223	223	224	225

265	266	267	268	269	270
24 20	32 28	24 20	24 20	11 7	23 19
14 23 *552	2 6	3 7	1 5	13 17	11 16
27 18 *553	24 20	20 11	25 22		27 23
3 7	15 24	7 16	7 11		9 14
21 17	28 19	26 22	296 30 26		
7 10	6 9	2 6	11 15		
	30 26 *447	22 17	22 17		
	11 15	15 19	15 24		
	19 16	17 10	17 13		
	12 19	6 15	24 27		
	23 16	13 9	13 6		
	14 18	16 20	27 31		
	*361	21 17	26 22		
		19 24	31 26		
		27 23			
		18 27			
		32 23			
		24 27			
		25 22			
		27 31			
		9 5			
		31 26			
		23 18			
		15 19			
		18 15			
		26 23			
		15 11			
		23 26			
		11 7			
		19 24			
		7 2			
		24 27			
		2 7			
		27 31			
		7 10			
		31 27			
		10 14			
		27 23			
B. Drum'd 2					
225	226	228	229	229	236

## 56 JOHN DRUMMOND'S SECOND, GLASGOW, 1851.

271	272	273	274	275	276
19 15	32 28	14 9	26 23	17 14	23 18
31 26	24 27	24 27	12 16	11 16	3 7
	31 24	31 24	*901	28 24 *700	21 17
	22 26	22 26		6 10	15 18
				24 19	19 24
				8 12	28 19
				18 15	16 23
				9 14	26 19
				15 6	7 23
				1 10	22 18
				22 18	23 27
				7 11	31 24
				18 9	20 27
				5 14	18 15
				25 22	27 31
				11 15	15 11
				29 25	31 27
				15 24	297 11 8
				22 18	27 23
				24 28	8 3
				18 9	23 18
				28 32	3 8
				31 26	12 16
				10 15	
B. Drum'd 2					
236	237	237	239	239	239

277	278	279	280	281	282
23 18	29 25	22 18	25 22	31 27	22 17
1 6	5 9	2 7	16 20	11 16	6 9
18 11	22 18	11 2		24 20	301 25 22
19 24	*706 8 12	3 8		14 18	448 8 12
	298 25 22	2 9		20 11	17 13
	2 7	5 32		18 23	19 24
*705	27 23			27 18	13 6
	10 14			15 31	24 31
	23 16		299	11 8	26 23
	12 19			31 27	2 9
	26 23			8 4	22 17
	19 26			19 23	31 26
	30 23			4 8	302 23 19
	13 17			12 16	26 22
	22 13			8 11	17 13
	7 10			16 20	22 18
	15 11		300	21 17	13 6
	10 15			23 26	14 17
	23 19			30 23	21 14
	15 22			27 18	18 2
	19 16			25 21	
	22 25			1 6	
	16 12			11 16	
	25 29			10 15	
	11 8			16 11	
	29 25			15 19	
	8 4			11 16	
	25 22			19 23	
	4 8			16 19	
	22 18			23 26	
	8 11			28 24	
	18 15			20 27	
				19 23	
				18 15	
				23 32	
				15 18	
				32 27	
				26 31	
				27 24	
				31 26	
				24 19	
				26 22	
				19 16	
				18 15	
D. Drum'd 2	B. Drum'd 2				
239	240	240	240	241	242

## 58 JOHN DRUMMOND'S SECOND, GLASGOW, 1851.

283	284	285	286	287	288
32 27	25 22	26 23	27 24	31 27	27 23
8 12	18 25	18 27	14 17	19 23	18 27
22 17	29 22	32 16	21 14	26 19	32 16
303 } 6 10	15 18	8 12	7 10	11 16	10 19
304 } 17 13	22 15	449 24 19	14 7	15 11	26 23
11 16	11 18	15 24	2 27	8 15	19 26
20 11	24 15	28 19	31 24		30 23
7 16	18 22	11 15	3 7		14 17
24 20	26 23	19 10	24 20		
14 18	22 25	12 19	7 11		
20 11	23 19				
19 23	25 29				
Dd.—26 19	17 13				
15 31	29 25				
11 8	21 17				
12 16	25 22				
8 4					
16 20					
B. Drum'd 2					
242	242	242	244	244	245

## JOHN DRUMMOND'S SECOND, GLASGOW, 1851.

59

289	290	291	292	293	294
11 8	28 24	8 3	25 22	24 20	15 11
3 12	19 28	28 32	27 31	14 17	19 23
15 11	26 19 *400	3 7	8 3		26 19
399 12 16	28 32	32 28	31 26		17 26
22 18	15 11	23 19	3 7		
14 23	32 27	28 24	26 17		
28 24	19 15	19 15	19 15		
19 28	27 23	24 31	17 22		
26 12	15 10	7 10	7 10		
	23 18	14 18	22 18		
	11 7	10 1			
	3 8	9 14			
	7 3	1 6			
	8 12	31 26			
	3 8	6 9			
*699 12 16	26 22				
	8 11	15 10			
	16 20	22 29			
	11 16	10 6			
	18 23	18 22			
	10 7	9 25			
	20 24	29 22			
	7 3	6 1			
	24 27	22 18			
	3 7				
	27 31				
	7 10				
	31 26				
D. Drum'd 2	B. Drum'd 2				
246	246	249	249	258	258

## 60 JOHN DRUMMOND'S SECOND, GLASGOW, 1851.

295	296	297	298	299	300
9 5	22 18	17 14	15 11	25 22	28 24
23 19	9 13	27 23	19 23	31 27	10 15
5 1	18 9	14 10	26 19	22 17	11 18
19 15	5 14	23 18	10 15	27 23	27 32
1 5	30 26			11 8	18 27
3 7	11 15			23 18	32 23
	26 22				
B. Drum'd. 2	B. Drum'd 2	B. Drum'd 2	B. Drum'd 2	B. Drum'd 2	B. Drum'd. 2
263	268	276	278	281	281

## JOHN DRUMMOND'S SECOND, GLASGOW, 1851. 61

301	302	303	304	305	306
17 13	17 13	25 22	27 23	13 6	29 25
19 24	26 19	11 16	11 16	24 31	19 23
305 28 19	13 6	20 11	20 11	450 26 23	
11 15	14 17	7 16	7 16	2 9	
13 6	21 14	17 13	24 20	23 19	
15 31	10 17	14 18	15 18		
26 22	6 2	306 24 20	20 11		
2 9	19 23	18 25	18 27		
22 17	307 29 22		11 8		
8 12		19 24	12 16		
17 13		20 11	8 4		
1 6		24 31	27 32		
25 22		11 8	25 22		
14 18		12 16	32 27		
22 15		8 4	17 13		
10 19		16 20	27 31		
29 25			30 25		
3 8			31 27		
25 22			22 17		
8 11			27 31		
22 18			26 22		
19 23			31 26		
21 17			13 9		
7 10			16 20		
30 25			9 6		
10 15			2 9		
25 22			17 13		
31 26			26 17		
			13 6		
			10 15		
			6 2		
			15 18		

| B. Drum'd 2 |
|-------------|-------------|-------------|-------------|-------------|-------------|
| 282         | 282         | 283         | 283         | 301         | 303         |

307	308	309	310	311	312
20 11	26 22	316 } 26 23	32 27	30 26	30 26
19 23	10 26	317 } 15 18	9 14	14 18	9 13
	30 23	318 } 17 13	30 26	32 27	322 32 27
	6 10	18 27	5 9	9 14	8 11
362	17 13	13 6	25 22	451 26 22	27 23
363	1 6	2 9	18 25	19 23	1 5
364	22 17	32 23	29 22	27 24	25 22
	10 15	11 15	6 10	23 26	14 17
	17 1	25 22	27 23	24 20	21 14
15 29	9 13	320 } 1 5	321 } 8 11		10 17
	319 30 26	22 17	15 8		19 10
	8 11	9 13	3 19		7 14
	29 25	19 15	22 15		24 19
	1 5	10 19	26 30		3 7
	24 20	23 16	452 } 20 16		28 24
	15 24	12 19			7 10
	28 19	17 10	*366 6 10		24 20
	11 15	8 11	15 6		11 15
	19 16	21 17	1 10		19 16
	12 19		25 22		12 19
	23 16		5 9		23 16
	14 17		31 26		14 18
	21 14		30 23		16 12
	10 17		22 18		18 25
	25 21				29 22
	15 19				10 14
	21 14				26 23
	7 11				17 26
					31 22
A. M'Kerrow					
B. Drum'd 2	D. And. 2.	D. And. 2.	D. And. 2.	D. And. 2.	D. And. 2.
303	3	5	15	17	152

## ANDREW ANDERSON'S SECOND, CARLUKE, 1852.

63

313	314	315	316	317	318
* 5 9	9 13		2 6	9 13	1 5
24 20	3 7	*24 19	32 27	30 26	30 26
8 11	10 14	11 15	15 18	13 22	323 14 18
15 8	26 23	31 26	17 13	25 9	23 14
7 10		15 24	1 5	1 5	9 18
20 11		28 19	24 20	29 25	25 22
10 14		8 11	14 17	5 14	18 25
23 16		19 16	21 14	25 22	29 22
14 30		12 19	10 17	2 6	560 5 9
		23 7	23 14	24 20	26 23
		2 11	9 18	15 24	9 14
		29 25	25 22	28 19	*562 24 20
		3 8	18 25	11 15	15 24
		25 22	30 14	20 16	28 19
		11 15	6 10	15 24	11 15
		26 23	14 9	22 18	32 28
		8 12	5 14		15 24
		17 13	27 24		28 19
			11 15		8 11
			13 9		22 18
			14 18		3 8
			9 5		18 9
			18 23		11 15
			5 1		17 13
			23 27		15 24
			1 6		9 6
			27 32		2 9
					13 6
					7 11
					23 19
					24 28
					6 2
					28 32
					2 7
				*367 11 15	
					7 14
					15 24
					14 18
					32 28
					18 23
					28 32
					23 19
G. Wallace.					
D. And. 2	D. And. 2.	D. And. 2.	W. And. 2	W. And. 2	W. And. 2
161	163	220	309	309	309

## 64 ANDREW ANDERSON'S SECOND, CARLUKE, 1852.

319	320	321	322	323	324
	9 13	2 7		15 18	
30 25	22 18	22 18	26 22	32 27	24 20
14 17	1 5	8 11	14 17	9 13	16 19
21 14	18 9	26 22	21 14	26 22	20 16
10 26	5 14	1 5	10 26	2 6	1 6
31 22	26 22	28 24	31 22	22 15	27 24
8 11	3 7 *369	9 13	8 11	11 18 *567	14 18
19 10	28 24	18 9	19 10	24 20 *568	21 17
7 14	14 17	5 14	7 14	13 22	18 25
25 21	21 14	22 18	25 21	27 24	29 22
368 12 16	10 26	14 17	12 16		6 9
24 19	31 22	21 14	32 27		16 11
16 20	8 11	10 17	11 15		19 23
22 18	22 18	19 15	324 27 23		24 19
1 5	7 10	3 8	16 20		15 24
18 9	18 14	24 19	24 19		28 19
5 14	10 17	17 22	15 24		23 26
29 25	23 18	15 10	28 19		19 16
20 24		7 14	20 24		26 31
25 22		18 9	22 18		16 12
24 27		22 25	1 5		31 27
22 18		31 26	18 9		
27 31		25 30	5 14		
18 9		9 6	29 25		
31 27		13 17	24 27		
23 18		6 2	25 22		
27 23		17 21	27 31		
18 14		2 7	22 18		
			31 27		
			18 9		
			27 18		
			9 5		
			18 23		
			19 16		
			23 19		
			16 12		
			19 15		
D. And. 2	D. And. 2.	W. And. 2	B. And. 2.	W. And. 2	B. And. 2.
309	310	310	312	318	322

## HENRY SPAYTH, BUFFALO, 1860.

65

325	326	327	328	329	330
4 8	9 13	14 18	11 16	3 7	10 14
30 26	26 23	17 14	22 15	574 31 27	19 10
15 19	6 9	10 17	16 23	573 1 5	2 6
24 15	same as var.	21 14	31 27	25 22	24 19
10 19	2, at 5.	7 10	10 19	18 25	6 24
23 16		14 7	17 10	29 22	28 19
12 19		3 10	7 14	5 9	11 16
22 17		26 22	27 9	27 23	22 17
370 9 13		1 5	6 13	15 18	13 22
same as		31 27	24 15	22 15	26 10
Dyke, page	*401	6 9	2 7	11 27	7 14
179.	*402	27 23	28 24	32 23	25 22
		18 27	1 6	371 7 11	9 13
		32 23	30 26	30 26	18 9
		9 14	12 16	11 15	5 14
		22 18	24 20	19 16	29 25
		15 22	16 19	12 19	453 1 5
		25 9	15 11	23 16	22 18
		5 14	8 15	372 15 18	5 9
		29 25	26 23	24 19	18 15
		11 15	19 26	18 22	
		25 22	21 17	16 12	
		8 11	13 22	22 31	
		30 26	25 2	12 3	
		2 7		31 26	
		24 20		19 15	
		15 24			
		28 19			
		11 15			
		20 16			
		15 24			
		22 18			
		12 19			
		18 9			

D., A.D.P. 3	W. ADP. 16	D., ADP. 19	W. ADP. 21	W. ADP. 23	W. ADP. 16
0	1	1	1	1	2

## HENRY SPAYTH, BUFFALO, 1860.

331	332	333	334	335	336
31 27	25 22	375 31 27	14 18 18 23	8 11	31 27
3 8	10 19	9 14	27 18	27 23	376 1 5
28 24	17 10	24 19	14 23	18 27	29 25
9 13	6 15	5 9	22 18	31 24	5 14
22 18	21 17	28 24	15 22	16 19	
6 9	9 13	403 18 23	25 18	22 18	same as
18 15	30 25	27 18	23 26	14 23	9 at 8
373 9 14	1 6	14 23	31 22	25 22	
15 6	25 21	25 22	11 16	23 27	
1 10	6 10	2 7	19 15	22 18	
577 26 22	18 14	22 18	10 19	15 22	
2 7	15 18	7 10	24 15	24 8	
22 17	14 7	24 20	7 10	7 11	
13 22	18 25	3 7	29 25	8 4	
25 9	17 14	29 25	10 19	27 32	
			17 14	28 24	
			7 11		
			25 22		
			9 13		
			21 17		
			6 9		
			15 6		
			1 10		
			19 15		
			10 19		
374 23 18		17 14			
16 23		12 16			
18 14		14 5			
10 15		23 26			
27 11		30 23			
20 27		19 26			
32 23		18 15			
8 15		11 25			
23 18		20 4			
D., ADP, 44	B., ADP, 47	D., A.D.P. 82	W. ADP. 30	W. ADP. 69	D., ADP, 24
3	3	4	8	8	9

## HENRY SPAYTH, BUFFALO, 1860.

67

337	338	339	340	341	342
11 15	454	6 10	*2 7		
19 10	454	30 26	32 27	24 20	27 23
6 15	455	11 15	11 16	404	22 26
625 21 17		26 23	19 15	378	379 18 27
14 21		15 24	9 14	16 20	11 20 7 11
30 26		28 19	17 10	30 26	19 15 30 26
21 30		8 11	6 22	7 11	10 19 15 18
31 27		22 18	27 23	26 23	23 16 19 15
30 23		9 13	5 9	11 16	12 19 10 28
27 4		18 9	23 18	24 19	17 1 17 1
9 14		5 14	11 16	3 7	19 24 11 15
4 8		25 22	19 15	377 28 24	13 6
5 9	456	11 15	16 20	7 10	24 31
29 25	*666	29 25	24 19	14 7	6 2
9 13		15 24	9 13	6 10	7 11
25 21	678	22 18	18 14	15 6	1 6
1 5		1 5	1 5	1 10	26 30
32 27		18 9	32 27	23 14	6 10
2 6		5 14	3 7	16 32	30 26
27 23	679	25 22	15 10	7 2	29 25
6 9	*381	3 7	7 11	10 17	11 15
22 18		22 18	27 23		10 19
12 16		14 17	11 16		26 23
20 11		21 14	19 15		19 26
3 12		10 17	22 26		31 29
11 7		32 28	30 25		32 27
12 16			26 30		29 25
7 2					27 23
16 19					25 22
23 16					2 6
14 23					
2 6					
23 27					
16 11					
27 32					
11 7					
32 27					
7 2					
9 14					
6 9					
14 18					
9 14					
27 23					
2 6					
18 22					
		Jas. Ash	Jas. Ash	S. Brooks.	
D., ADP, 17	D., A.D.P. 53	B., ADP, 52	B. ADP. 84	D., ADP. 92	D., ADP, 27
15	15	16	16	23	25

## HENRY SPAYTH, BUFFALO, 1860.

343	344	345	346	347	348
8 11	14 23	25 22		12 16	
24 20	24 20	17 14	18 15	19 12	6 10
27 32	15 24	22 15	25 22	15 19	26 31
17 14	20 2	14 5	15 10	24 15	10 26
10 17	27 32	27 32	6 15	11 25	31 22
21 14	28 19	21 17	13 6	26 23	13 9
7 10	32 28	15 18	22 13	8 11	7 10
14 7	25 22	20 16	6 2	23 18	9 5
3 10	8 11	12 19	7 10	14 23	10 14
2 6	2 7	5 1	8 11	27 18	5 1
10 14	9 14	3 12	15 18	10 15	14 18
6 10	7 16	1 3	2 6	17 14	1 5
14 17	28 24	18 15	10 14		18 23
10 14	19 15	17 14	11 7		5 9
17 21	12 19	32 27	3 10		23 26
13 9	22 18	13 9	6 22		9 13
		15 18	32 27		26 30
		14 10	28 24		21 17
			27 31		30 26
			24 19		
			31 27		
			19 15		
			27 24		
			15 10		
			24 19		
			10 6		
			19 15		
			6 1		
			14 18		
			380 22 26		
			18 22		
			26 17		
			13 22		
			1 6		
			12 16		
			20 11		
			15 8		
W, ADP, 28	W, A.D.P.33	D., ADP, 34	B., ADP, 35	D., ADP. 91	B. ADP. 32A
26	28	28	28	39	42

## HENRY SPAYTH, BUFFALO, 1860.

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349	350	351	352	353	354
* 20 16	26 23	25 22	12 16	28 24	12 16
11 20	19 26	16 23	24 15	28 24	28 24
24 19	27 23	22 18	457 25 22	7 11	8 12
23 32	18 27	10 15	18 25	24 19	382 22 17
19 16	21 17	18 14	29 22	21 17	25 18
*405 32 27	13 22 D1—*	23 27		9 13	9 14
381 28 24	25 2	14 10		17 14	18 9
*683 18 23	6 9	27 32		13 17	6 22
16 11	2 6	10 7		29 25	26 17
*684 27 31		32 28		17 22	10 15
11 4		7 3		19 15	32 28
20 27		28 19		22 29	16 19
22 18		3 8		15 8	23 16
15 22		19 23		12 16	12 19
25 18		21 17		8 4	30 26
23 26		23 18		16 20	5 9
18 15		17 13		14 10	31 27
		18 14		20 24	*572 3 8
		8 3		18 15	29 25
		15 19		24 27	8 12
		3 8		15 11	25 22
		11 15		27 31	11 16
		8 11		11 7	20 11
		14 18		31 26	7 16
		13 9		7 2	17 13
		18 14		26 22	1 6
	B. wins			2 7	24 20
	D'd 4, pp 76			22 18	9 14
				7 2	20 11
				18 14	14 18
				2 7	22 17
				14 9	18 23
				7 2	
				9 14	

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E. Northrop.

D., ADP. 70	D., ADP. 22	D., A.D.P. 4	D., ADP. 61	D., ADP., 20	D., ADP., 15
44	52	57	99	111	217

## HENRY SPAYTH, BUFFALO, 1860.

	355	356	357	358	359	360
	9 14		* 2 7			
	18 9	23 19	19 10	32 28	* 19 16	32 27
	5 14	2 6	18 22	8 11	22 15	*575 16 19
	22 18	19 10	25 18	27 24	16 7	*576 27 23
	15 22	6 15	14 23	16 20	3 10	
	25 9	13 9	27 18	19 16	29 25	
	6 13	3 8	7 23	20 27	14 17	
	30 25	9 5		16 7	25 21	
	10 15	8 12		2 11	384 17 22	
383	23 18	32 28		31 24	12 8	
	15 22	12 16		6 9	15 11	
	25 18			24 19	8 3	
	7 10			1 5	10 15	
	29 25			29 25	23 18	
	10 15			3 8	22 26	
	25 22			28 24	20 16	
	2 7			11 15		
	21 17					
	12 16					
	17 14					
	8 12					
	32 27					
	1 5					
	27 24					
	7 10					
	14 7					
	3 10					
	26 23					
	13 17					
	22 13					
	15 22					
	23 18					
	22 25					
	18 15					
D., A.D.P	49	B. ADP, 36	A. B. ADP., 36	B. ADP., 37	D., ADP, 38	D., ADP., 40
	217	228	228	234	236	238

## HENRY SPAYTH, BUFFALO, 1860.

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361	362	363	364	365	366
* 9 5	28 24	10 15 13 6	28 24 10 15	25 22 6 10	* 14 17 21 14
	9 13	1 10			30 21
	18 9	18 9	22 17	15 6	15 11
	5 14	5 14	15 29	1 10	21 17
	23 19	28 24	17 1 458	22 17	11 2
	16 23		11 15 459	14 18	17 10
	27 9		13 6	17 14	2 9
	20 27		16 19	10 17	5 14
	32 23		23 16	21 14	31 27
	10 15		12 28	7 11	10 15
	23 18		6 2	14 10	29 25
	12 16		8 12	11 15	1 5
	9 6		2 7	10 7	16 12
	1 10		15 19	30 25	15 11
	18 14				27 24
	15 18				11 15
	14 7				24 20
	16 20				15 11
					25 21
					5 9
D., ADP., 2	B. ADP., 74	W. ADP., 75	B. ADP., 76	D., ADP. 51	B., ADP., 83
267	308	308	308	311	311

## HENRY SPAYTH, BUFFALO, 1860.

367	368	369	370	371	372
* 10 14	11 16	*3 8	9 14	8 11	8 11
7 16	24 19	460 31 27	18 9	30 26	16 7
32 28	1 5	9 13	6 22	11 15	2 11
31 26	29 25	18 9	25 18	19 16	24 19
28 32	3 7	5 14	2 6	12 19	15 24
26 22	22 18	22 18	27 24	23 16	28 19
32 27	13 17	14 17	7 10	15 18	11 15
19 15	18 9	21 14	24 15	16 12	19 16
12 19	5 14	10 17	10 19	18 22	15 19
22 17	19 15	18 14	32 27	26 23	16 12
14 18	16 19	17 22	3 7	22 26	19 24
20 16	23 16	23 18	27 24	23 19	26 23
	12 19	22 26 *569	7 10	7 11	
	15 10	19 15	24 15	12 8	
	7 11	26 31	10 19	26 31	
	10 6	15 10	18 14	8 3	
	11 15	31 26	11 16	31 27	
	6 2	10 3	21 17	24 20	
	15 18	26 22	8 12	27 23	
	2 6	27 23	31 27	3 8	
		22 15	6 9		
		23 19	14 10		
		15 18 *570	19 23		
		14 10	27 18		
		13 17	9 14		
		10 6	18 9		
		17 22	5 21		
		6 2			
		22 26	continue		
		3 7	* 10 7		
		26 31	1 6		
		7 16	7 2		
*406		18 23	6 10		
		16 11	2 7		
		8 15	10 14		
		19 10	26 22		
		23 18	W. wins		
		2 7	Murbridge.		
		31 27			
		7 11			
		ccntinue			
		* 27 23			
		10 7			
		W. wins			
		Janvier.			
D., ADP, 57	D., A.D.P. 18	D., ADP. 85	D., ADP., 3	W., ADP, 65	W. ADP, 23
318	319	321	325	329	329

## HENRY SPAYTH, BUFFALO, 1860.

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373	374	375	376	377	378
2 6			10 14		
26 22	17 13	21 17	29 25	21 17	23 18
8 11	22 26	12 16	11 16	6 10	14 23
15 8	13 9 *708	31 27	24 28	15 6	27 18
4 11	26 31	16 19	8 11	1 10	26 31
22 18	9 6	27 23	9 5	461 31 26	17 14
10 15	31 26	19 26	3 8	7 11	10 17
19 10	23 18	30 14	28 24	14 7	21 5
6 22	16 23	9 18	2 7	9 13	6 10
25 18	6 2	32 27	19 15	23 14	19 15
1 6	8 11	5 9	23 26	13 31	10 19
24 19	2 6	25 22	30 23		5 1
6 10	26 22	18 25	16 19		385 31 26
18 15	6 8	29 22	23 16		1 6
	4 11	3 7	12 28		26 23
	18 14	27 23	15 10		18 14
	11 16	8 12	18 22		23 26
	27 18	23 18	25 9		6 9
	20 27	9 13	7 14		7 10
	32 23	24 20	27 24		14 7
	22 15	7 10			3 10
	14 9	15 11			32 27
	15 10	2 7			19 24
	30 25	11 2			28 19
	10 14	1 5			11 15
	9 5	2 9			27 24
	16 19	5 23			8 11
	23 16	28 24			9 14
	12 19	23 26			10 17
		24 19			19 10
		26 30			11 15
		20 16			10 6
		30 25			26 23
					6 1
					23 19
					1 6
					19 28
					29 25
					15 19
		C. H. Irving.		Jas. Ash.	S. Brooks.
W., ADP. 72	B. ADP. 73	B. ADP., 95	W. ADP. 66	B. ADP., 84	D., ADP., 97
331	331	333	336	340	341

379	380	381	382	383	384
15 24					9 14
23 19	22 25	16 11	32 28	20 16	12 8
24 28	15 10	27 23	386 } 9 13	12 19	15 11
19 15	1 5	11 4	387 } 22 17	23 16	23 18
10 19	10 14	23 19	388 } 15 22	11 20	14 23
17 1	5 1	4 8	25 18	21 17	21 7
28 32	13 17	19 16	13 22	13 22	11 2
1 6	1 5	8 4	26 17	25 4	8 3
32 28	17 22	16 11	10 14	20 24	
30 26	25 29		18 9	28 19	
28 24	18 23		6 22	3 8	
6 2	5 1		389 30 25	4 11	
8 11	23 27			7 10	7 30
26 22	1 5		25 18	32 27	
18 23	27 32		10 15	2 7	
20 16	5 1		18 14	27 23	
11 20	32 27		15 18	7 11	
2 11	1 5		31 27	23 19	
23 27	27 23		18 22	1 6	
22 17	5 1			31 27	
27 32	23 18			30 26	
13 9	1 5			29 25	
	18 15			6 10	
	5 1			25 21	
	15 10			10 14	
	1 5				
	10 6				
	5 1				
	14 10				
	1 5				
	6 1				
	5 9				
	10 15				
	9 14				
	15 11				
	14 9				
	1 5				
	9 13				
	11 7				

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D., A.D.P. 27	B. ADP, 71	B. ADP., 94	B., ADP. 50	B. ADP., 77	D., ADP, 38
342	346	349	354	355	359

## HENRY SPAYTH, BUFFALO, 1860.

75

385	386	387	388	389	390
19 23					23 26
1 6	21 17	18 14	24 19	30 26	6 2
390 31 26	6 9	10 17	15 24	3 8	7 10
6 2	25 21	21 14	28 19	26 17	32 27
7 10	9 14	13 17	5 9	16 19	31 24
2 7	18 9	22 13	19 15	23 16	28 19
391 26 22	5 14	6 9	10 19	12 19	26 31
7 14	30 25	13 6	18 14	24 15	2 6
22 15	16 19	2 27	9 27	11 18	31 27
28 24	23 16	25 22	31 8	28 24	6 15
	12 19	27 32	16 19	18 22	27 24
	31 27	31 27	26 23	24 19	13 9
	3 8	32 23	19 26	8 12	3 7
	27 23	26 10	30 23	19 15	9 6
	8 12	7 14	12 16	7 10	7 10
	23 16	30 26	20 11	15 6	6 2
	12 19	3 7	7 16	1 10	10 14
	26 23	26 23	8 4	17 13	18 9
	19 26	7 10	16 20	5 9	11 18
	24 19	29 25		13 6	19 15
	15 24	5 9		2 9	
	28 19	25 21		31 27	
	11 15	9 13		9 14	
	19 16	24 19		27 23	
	7 11	1 5		10 15	
	16 7	28 24			
	2 11	5 9			
	22 18	22 18			
	13 22	13 17			
	18 9				
	10 14				
	25 18				
	15 22				
	9 5				
	26 30				

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D., ADP. 98	B., ADP. 78	B., ADP. 79	B., ADP. 80	B., ADP. 81	W., ADP. 99
378	382	382	382	382	385

391	392	393	394	395	396
10 15		18 14	7 11		* 7 10
7 16	17 14	2 6	25 22	* 29 25	27 24
15 22	407 4 8	15 18	5 9	9 14	1 5
16 19	21 17	6 2	26 23	22 17	31 27
8 11	408 6 10	14 17	same as 225	* 685 6 9	5 9
13 9	15 6	2 6	at 3.	17 13	21 17
12 16	1 10	17 13		2 6	14 21
19 12	14 7			409 26 23	26 23
23 27	3 10			15 18	19 26
32 23	27 24			31 27	30 5
26 19				18 22	21 30
9 6				25 18	22 18
22 26				10 15	10 19
6 1				19 10	24 15
26 30				6 22	30 26
1 6				13 6	410 27 24
30 26				1 10	13 17
6 10				23 18	24 20
26 23				14 23	26 23
28 24				27 18	
19 28				10 15	
12 16				18 14	
				12 16	

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W, ADP, 100	D. Sup. 57	D. Sup. 58	D. Sup. 56	D. Sup. 56	B. Sup. 269
385	76	150	213	225	244

397	398	399	400	401	402
14 18	10 26	1 5		* 5 9	
411 27 24	27 23	11 8	* 27 24	412 30 26	* 24 20
462 13 17	26 30	12 16	32 28	9 14	15 31
21 14	24 19	8 3	24 19	26 23	22 6
30 21	30 26	16 20	28 24	413 2 7	414 9 14
20 16	25 22	3 8	19 15	22 17	6 1
12 19	26 17	20 24	24 27	14 30	14 18
24 15	23 18	8 11	23 19	23 14	25 22
21 17	14 23	24 27	14 18	10 17	18 25
14 10	21 5	11 15	3 7	19 3	29 22
6 9		27 31	9 14	30 26	2 7
		15 24	7 2	3 7	22 18
		13 17	6 9	26 22	7 10
		22 13	15 10	7 16	32 27
		31 29	27 24	12 19	31 24
		24 20	19 15	24 15	28 19
		29 25	24 19	22 18	5 9
		28 24	2 6	15 10	1 5
		25 22	19 23	6 15	10 14
		24 19	6 1	27 23	30 25
		22 18	23 26	18 27	14 23
			1 5	32 23	5 14
			26 22	8 12	23 27
			10 6	28 24	19 15
			22 29	17 21	
			6 1	23 19	
			18 23		
			1 6		
			23 26		
			6 10		
D. Sup. 271	D. Sup. 272	D. Sup. 270	D. Sup. 272	D. Sup. 273	V. Sup. 334
248	249	289	291	327	327

## SPAYTH'S GAME OF DRAUGHTS, BUFFALO, 1863.

403	404	405	406	407	408
2 7	11 15	* 8 11	* 18 15	3 8	3 7
24 20	28 24	16 7		27 24	25 21
7 10	22 26	32 27		18 23	18 22
20 16	29 25	417 7 2		21 17	14 10
3 7	7 11	27 23	* 686	23 26	7 14
25 22	25 22	2 7		17 13	17 10
18 25	15 18	20 24			
29 22	22 15	28 19			
14 18	11 18	23 16			
30 25	32 28	7 2			
415 9 13	26 31	16 11			
27 23	19 15				
18 27	10 26				
32 23	17 1				
416 10 14	9 14				
	1 6				
	26 30				
	20 16				
	12 19				
	24 15				
	31 24				
	28 19				
	18 23				
	15 10				
	23 26				
	13 9				
	30 25				
	9 5				
	26 30				
D. Sup. 163	D. Sup. 162	B. Sup. 337	D. Sup. 164	D. Sup. 57	D. Sup. 57
333	341	349	369	392	392

409	410	411	412	413	414
26 22	28 24	7 11	25 21	6 9	9 13
3 8	13 17	13 17	18 25	25 21	6 1
30 26	24 20	21 14	29 22	18 25	2 7
11 16	26 23	30 21	15 18	29 22	25 22
26 23	18 14	11 7	22 15	9 13	7 10
16 20	23 32	6 10	11 18	23 18	32 27
31 27	14 10	14 9	19 15	14 23	31 24
8 11	32 27	5 14	10 19	27 18	28 19
22 17	10 1	27 24	24 15	2 6	10 14
15 18	27 23	10 15	18 22	21 17	1 6
32 28		7 10	15 11	6 9	14 18
11 15		15 19	8 15	24 20	22 15
		24 15	15 24	15 24	11 18
		18 23	30 26	28 19	6 10
		10 17	22 31	9 14	18 23
		21 14	21 17	18 9	10 15
		15 11	31 24	11 15	13 17
		14 10	28 1	32 28	20 16
			9 13	15 24	
			17 14	28 19	
			12 16	8 11	
			14 10	22 18	
			16 19	13 22	
			1 5	9 6	
			19 24	22 26	
			5 9	6 2	
			13 17	26 31	
			9 14	2 6	
			17 22	10 14	
			14 18	18 9	
			22 25	31 27	
			18 15	9 5	
			25 30	27 24	
			15 19	5 1	
			30 26	24 15	
			19 28	6 10	
			26 23	15 6	
			28 24	1 10	
			23 18	12 16	
			24 19	10 7	
			18 14		
B. Sup. 165	B. Sup. 269	B. Sup. 333	D. Sup. 335	W. Sup. 336	W. Sup. 334
395	396	397	401	401	402

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415	416	417	418	419	420
18 23	6 9		27 32		
27 18	15 6	28 24	19 16	31 24	31 26
10 14	1 10	27 23	12 19	20 27	9 13
16 11	23 18	7 2	15 24	32 23	32 27
7 23	8 11	20 27	32 28	6 24	5 9
15 10	18 15	2 7	24 19	25 22	463 27 23
6 15	11 20	23 19	28 32	5 14	8 11
18 4	15 6	7 11	19 23	22 17	15 8
	7 10	27 32	32 28	2 6	3 12
	6 2	11 16	22 18	17 10	25 22
	20 24	32 28	28 24	6 15	1 5
	2 7	16 23	18 15		22 18
	10 14	18 27			14 17
	7 11	22 18			21 14
	24 27	14 23			13 17
	11 15				29 25
418	27 31				17 22
	19 16				
	12 19				
	15 24				
	31 26				
	24 19				
	26 17				
	19 23				
D. Sup. 163	W. Sup. 275	B. Sup. 337	W. Sup. 275	B., D.F.B. 3 B.	D'd 4, 70
403	403	405	416	13	17

421		422	423	424	425	
	17 22		* 1 6	14 17	24 28	
24 19	8 11	14 10	21 17	21 7	22 17	
15 24	22 26	2 6	5 9	3 10	13 22	
28 19	11 15	21 17	465 22 18	32 28	25 9	
18 23	26 31	*720 9 13	9 13	8 11	10 14	
31 27	15 18	17 14	17 14	28 19	9 5	
9 18	31 26	16 20	13 17	11 15	8 11	
25 22	*719 32 27	26 23	14 10	19 16	5 1	
18 25	28 32	19 26	6 9	12 19	11 15	
27 18	27 24	31 22	*721 10 6	22 17	1 5	
8 11	26 23	3 8	9 13		3 7	
29 22	18 27	25 21	6 1		5 1	
11 16	32 23	18 25	17 22		14 18	
19 15	24 20	29 22	1 5		1 5	
16 19	23 19	6 9	22 26		18 22	
464 30 26		22 18	15 10		5 9	
12 16		13 17	26 31		15 19	
22 17		10 7	27 23		21 17	
5 9		17 22	31 26		19 23	
17 14		7 3			17 14	
9 13		8 12			7 10	
14 9		3 7			14 7	
16 20		22 26			2 11	
15 10		15 11			9 14	
20 24		26 31			23 26	
18 14		27 23			29 25	
24 28		12 16			22 29	
26 22		11 8			31 22	
19 23		31 26			11 15	
22 18					22 17	
*717 1 5					29 25	
10 6					17 13	
23 26					25 30	
6 1					14 10	
26 31					15 18	
1 6					10 15	
31 26					18 23	
6 10					15 19	
26 22					30 26	
10 15					19 24	
22 17					26 31	
15 10					13 9	
*718 3 7					23 26	
10 3					9 6	
17 10					26 30	
18 14					6 2	
10 17					30 26	
21 14					2 7	
13 17					continued on next page.	
3 8						
	B. D'd 4, 72.	B. D'd 4, 72.	B. D'd 4, 72.	W. D'd 4, 73		
	35	46	46	50		

	426	427	428	429	430
26 30					
7 11	24 19	26 22	25 22	25 22	24 19
30 26	10 15	10 15	*732	9 13	16 19
11 15	19 10	17 10	18 9		20 16
26 30	16 19	7 14	5 14		11 20
15 19	23 16	466	32 28	24 19	25 22
30 26	14 30		2 6	*733	27 31
19 23	22 17		same as	*734	22 18
	7 14		57 at 15	11 15	31 27
	17 10			20 11	
	2 7			467 } 7 16	
				468 } 28 24	
				3 7	
				24 20	
				15 24	
				20 11	
				7 16	
W. D'd 4, 73	B. D'd 4, 76.	D. D'd 4, 76.	B. D'd 4, 76.	B. D'd 4, 76.	B. D'd 4, 76.
50	57	57	57	57	57

## JOHN DRUMMOND'S FOURTH, GLASGOW, 1866. 83

431	432	433	434	435	436
23 26			9 13	3 7	
13 9	27 24	31 27	18 9	24 19	* 11 7
26 30	4 8	11 15	5 14	11 16	469 12 16
25 21	24 20		26 22	17 14	7 2
30 26	8 11		14 18	16 20	16 20
9 6	22 17		23 14	19 16	2 9
26 23	10 15		16 23	12 19	5 14
6 2	17 10		27 18	15 10	22 17
10 14	15 24		10 26	6 15	14 18
2 6	32 28		31 22	25 22	17 13
14 18	7 14		7 10	18 25	18 22
6 10	28 19		15 11	27 4	13 9
18 22	same as		3 7	*722	22 25
21 17	65 at 3.				9 6
					25 29
					21 17
					15 19
					6 2
					19 24
					2 7
					24 27
					7 11
					27 31
					17 13
					31 26
					13 9
					20 24
					.9 6
				470	24 27
					11 15
					27 31
					15 19
					31 27
					6 2
					27 31
					2 7
					31 27
					7 11
					27 31
					11 16
					31 27
					16 20
					27 31
				*723	19 24
					continue
					29 25
					Drawn.
					Crawford.
D. D'd 4, 76.	B. D'd 4, 76.	B. D'd 4, 76.	B. D'd 4, 76.	W. D'd 4, 73	W. D'd 4, 73
57	63	67	78	85	85

437	438	439	440	441	442
* 12 16		2 7			18 23
471 18 9	32 28	27 23	20 16	478 } 7 11	27 18
6 22	18 23	18 27	14 18	479 } 27 24	14 23
25 18	24 20	32 23	476 } 31 27	11 18	19 16
16 20	11 15	1 5	477 } 10 14	24 15	11 18
472 29 25	25 22	*737 30 26	same as	10 19	22 15
20 27	15 24	14 17	217 at 16	22 15	7 10
31 24	28 19	21 14		3 7	16 12
2 6	3 8	10 17		32 27	
25 22	17 13	25 21		7 11	
6 9	8 11	6 10		481 27 24	
*724 30 25	22 18	21 14		11 18	
23 26	6 9	10 17		24 15	
473 18 14	13 6	474 23 18		6 10	
9 18	2 9	17 21		15 6	
22 6	26 22	26 23		1 10	
1 10	23 27	21 25		28 24	
25 22	31 24	13 9		10 15	
26 30	14 23	5 14		482 24 19	
22 17	21 17	18 9		15 24	
10 14	23 27	25 30		26 22	
17 10		9 6			
7 14		30 26			
24 20		475 24 20			
8 12		*745 7 10			
28 24		6 2			
3 8		10 14			
		2 6			
		14 17			
		23 18			
		17 21			
		18 14			
		21 25			
		14 7			
		25 30			
		19 15			
B. D'd 4, 73.	B. D'd 4, 77.	D. D'd 4, 77.	D. D'd 4, 75.	D. D'd 4, 75.	D. D'd 4, 74.
93	213	213	217	217	217

443	444	445	446	447	448
28 24	32 28	14 10	21 17	* 27 24	9 13
23 27	3 8	6 15	7 11	16 20	26 23
24 20	23 19	9 6	26 23	484 22 17	19 26
27 32	8 11	2 9	19 26	20 27	30 23
17 14	19 10	13 6	30 7	17 10	1 5
32 28	18 22	16 19	11 18	27 31	28 24
30 26	25 18	6 2		21 17	5 9
28 24	14 32	19 23		31 26	23 19
21 17	24 19	2 6		25 21	8 12
24 19	5 14	23 32		15 19	27 23
14 10		6 10		10 7	3 8
19 24		20 27		26 22	32 28
17 13				7 2	11 15
24 19				6 10	20 16
483 20 16				2 7	8 11
18 23				10 15	24 20
26 22				7 10	15 24
23 26				22 26	28 19
25 21					11 15
26 30					
22 17					
19 23					
16 11					
23 18					
11 4					
18 11					
10 7					
11 15					
7 3					
30 25					
4 8					
25 22					
8 4					
6 9					
B. D'd 4, 77.	B. D'd 4, 77.	B. D'd 4, 74.	B. D'd 4, 75.	D. D'd 4, 77.	B. D'd 4, 74.
227	228	242	244	267	282

449	450	451	452	453	454
	*			8 11	
25 22	26 22	27 24	15 11	22 18	28 24
12 19	2 9	14 17	7 16	11 15	11 15
22 18	22 17	21 14	20 11	18 11	487 30 26
15 22	8 12	18 23	14 17	14 18	14 18
24 8	17 13	485 } 25 21	21 14	23 14	488 20 16
3 12	1 6	486 } 23 30	30 21	16 23	694 10 14
28 24	25 22	24 20		14 10	19 10
12 16	11 15	30 26		12 16	12 28
20 11	22 17	31 22		11 7	22 15
7 16	15 19	7 11		13 17	14 17
24 20	29 25			21 14	21 14
16 19	7 11			23 26	9 18
20 16	25 22			31 22	31 27
19 23	11 15				2 7
16 11	20 16				26 22
22 26	3 7				7 14
11 8	30 26				15 10
26 31	19 24				18 23
8 3					27 9
31 27					5 14
3 8					25 21
23 26					8 11
30 23					22 17
27 18					11 15
8 11					17 13
18 22					15 18
17 13					13 9
22 18					18 22
29 25					9 6
1 5					22 26
21 17					6 2
2 7					26 31
				489	10 6
					1 10
					2 6
					10 15
					6 10
					15 18
					10 17
					18 22
B. D'd 4, 74.	B. D'd 4, 74.	B. D'd 4, 70.	B. D'd 4, 70.	W. D'd 4, 72	B. D'd 4, 71.
285	305	311	311	330	338

455	456	457	458	459	460
	3 7			7 11	
22 17	22 18	15 10	20 16	494 } 31 27	31 26
9 13	1 5	8 12	5 9	495 } 30 26	9 13
*690 28 24	18 9	25 22	493 31 26	496 27 24	18 9
13 22	5 14	18 25	30 23	19 23	5 14
25 9	491 29 25	29 22	22 18	24 19	22 18
5 14	11 15	12 16	14 17	26 22	14 17
29 25	32 28	22 18	21 5	17 13	21 14
11 15	15 24	23 26	23 14	23 26	10 17
25 22	28 19	30 23	5 1	497 13 9	19 15
8 11	7 11	19 26	14 9	22 18	17 22
490 22 17	492 31 26	18 15		498 19 16	26 17
15 18	11 15	16 19		18 15	13 22
32 28	19 16	15 11			24 19
11 15	12 19	26 31			22 25
30 25	23 16	10 7			15 10
18 23	14 18	19 23			7 14
20 16	16 12	28 24			18 9
23 27	18 23	31 27			25 30
16 11		24 20			9 6
27 32					
11 8					
32 27					
24 20					
15 24					
28 19					
27 24					
19 15					
10 19					
17 10					
19 23					
8 4					
24 19					
20 16					
2 7					
B. D'd 4, 71.	D. D'd 4, 71.	D. D'd 4, 73.	D. D'd 4, 70.	D. D'd 4, 70.	D. D'd 4, 72.
338	338	352	365	365	369

461	462	463	464	465	466
	6 9				
19 15	7 11	27 24	15 11	17 13	22 17
10 26	9 14	8 12	12 16	9 14	15 22
31 15	499 20 16	15 11	30 26		25 18
9 18	12 19	7 10	2 7		2 6
	24 15	24 15	11 2		
	5 9	12 19	1 6		
	15 10	11 7	2 9		
	13 17	14 18	5 30		
	10 6	7 2			
	9 13	10 14			
	6 2	26 22			
	17 22	18 23			
	11 15	15 10			
	22 29	6 15			
	15 22				
	30 25				
	22 26				
	14 18				
	26 22				
	18 23				
	22 18				
	23 26				
	18 23				
	26 30				
	2 6				
	25 22				
500	6 10				
	22 26				
	23 27				
	29 25				
	28 24				
B. D'd 4, 72.	D. D'd 4, 75.	B. D'd 4, 70.	B. D'd 4, 72.	B. D'd 4, 72.	B. D'd 4, 76
377	397	420	421	423	427

## JOHN DRUMMOND'S FOURTH, GLASGOW, 1866. 89

467	468	469	470	471	472
		15 19	24 38		
22 18	29 25	7 2	6 2	19 12	31 27
15 24	15 24	6 9	26 31	10 15	10 14
28 19	28 19	2 7	11 16	17 10	18 9
13 22	14 18	19 24	31 26	15 22	1 5
26 17		7 11	16 20	25 18	27 18
16 20		24 27	26 31	6 22	5 23
18 9		11 15	20 24		
6 22		27 31			
		15 19			
		31 26			
		19 15			
B. D'd 4, 76.	B. D'd 4, 76.	W. D'd 4, 73	V. D'd 4, 73	B. D'd 4, 73.	B. D'd 4, 73.
428	428	436	436	437	437

473	474	475	476	477	478
18 15	19 15	6 2	32 27	16 12	27 23
11 18	17 21	7 11	10 14	10 14	11 27
22 6	24 20	24 40	same as	31 27	32 16
1 10	21 25	12 16	244 at 4.	7 10	2 7
25 22	23 18	19 12		502 27 24	22 18
8 11	25 30	26 19			18 23
24 20	26 22	2 6			22 18
9 13	30 26	19 15			1 5
32 27	22 17	6 2	476 $\frac{1}{2}$	18 9	8 12
26 30	26 23	15 18	11 15	5 14	25 22
27 23	18 14	2 6	*726 26 23	24 20	10 15
30 26	23 19	18 14	18 27	14 18	19 10
22 18	739 15 11	6 1	31 24	20 16	12 19
26 22	7 16	14 10	19 23	2 7	
	20 11	1 5	20 16	26 22	
	19 15	11 15	8 11	10 14	
	11 7	5 1	24 20		
	3 10	15 18	14 18		
	14 7	20 16	comes from		
	12 16	3 7	var. 244.		
	7 3	1 5			
*740	15 10	18 23			
	3 8	5 1			
	16 19	23 27			
	8 11	1 5			
	19 23	27 32			
	11 16	5 1			
	23 26	32 28			
	16 19				
	26 30				
	19 23				
*741	30 25				
	23 18				
	25 21				
	18 14				
	10 7				
501 }	14 10				
*742 }	7 14				
	17 10				
	21 17				
	10 7				
	17 14				
	7 3				
	14 10				
B. D'd 4, 73.	B. D'd 4, 77.	B. D'd 4, 77.	B. D'd 4, 75.	B. D'd 4, 75.	B. D'd 4, 75.
437	439	439	440	440	441

479	480	481	482	483	484
22 18	22 15	26 22	20 16	26 22	32 27
14 23	3 7	11 18	8 11	19 23	15 19
27 18	32 27	22 15	16 7		24 15
1 5	7 11	14 18	2 11		6 9
32 27	26 22	30 26	26 22		13 6
5 9	11 18	8 12	11 16		1 19
27 23	*A22 15 *727	15 11	24 20		22 15
2 7	14 18 *728	18 23	16 19		14 18
23 16	30 26	27 18	20 16		15 10
10 19	1 5	2 7	19 23		19 24
continue	20 16	11 2	16 11		27 23
* 16 12	13 17	1 5	23 26		
6 10	21 7	2 9			
26 23	2 20	5 30			
19 26	25 21	continued as			
30 23	5 9	729 and			
10 14	21 17	drawn.			
28 24	18 22				
7 10	17 14				
24 19	9 18				
13 17	26 17				
20 16	19 23				
11 20					
18 15					
9 13					
15 6					
20 24	* 24 15				
6 2	11 18				
8 11	22 15				
2 6	Drawn.				
11 16	Bowen.				
Drawn, Kirkwood.	Same as 481 at 3.				
B. D'd 4, 75.	B. D'd 4, 75.	B. D'd 4, 75.	B. D'd 4, 75.	B. D'd 4, 77.	D. D'd 4, 77.
441	441	441	441	443	447

485	486	487	488	489	490
16 11	26 22	31 27	26 23	2 6	32 28
7 16	6 10	8 11	18 27	31 26	3 7
24 20	15 6	503 27 23	32 23	6 9	31 26
23 30	1 26	3 7	8 11	14 18	11 16
20 4	31 22	22 18	22 18	504 21 17	20 11
30 21	23 26	15 22	15 22	18 23	7 23
	24 15	25 18	25 18	505 29 25	26 19
	26 30	9 13	9 14	23 27	2 7
	25 21	18 9	18 9	32 23	30 26
	8 11	5 14	5 14	26 19	1 5
	32 28	29 25	*714 9 14		22 17
	11 15	11 15		19 15	7 11
	30 26	25 22		10 7	26 23
	15 18	2 7		3 10	15 18
		31 26		14 7	
		7 11		15 18	
		21 17		25 21	
		14 21	693 1 6		
				17 13	
				18 14	
				7 2	
				14 9	
				continue	
				* 2 7	
				9 5	
				7 11	
				28 32	
				11 15	
				32 27	
				21 17	
				27 23	
				17 14	
				5 1	
				15 18	
				23 19	
				14 9	
				6 10	
				9 6	
				drawn, Bowen.	
B. D'd 4, 70.	B. D'd 4, 70.	B. D'd 4, 71.	B. D'd 4, 71.	B. D'd 4, 71.	B. D'd 4, 71.
451	451	454	454	454	455

## JOHN DRUMMOND'S FOURTH, GLASGOW, 1866. 93

491	492	493	494	495	496
32 28	25 22	16 12	29 25	17 13	27 23
11 15	11 15	9 13	14 18	14 18	19 24
31 26	31 26	12 8	31 27	31 27	28 19
15 24	15 24	10 15	10 15	30 26	11 15
28 19	22 18	8 3	27 24	27 24	511 23 18
506 } 7 11	24 27	7 10	30 26	10 15	14 23
507 } 29 25	18 9	3 7	17 14	21 17	*689 17 14
11 15	27 31	30 25	26 23	18 22	15 24
same as	26 22	*688 22 18	510 21 17		14 7
456 at 13	10 14	15 22	5 9		26 22
	22 18	21 17	14 5		
	31 26	14 21	18 22		
	9 5	7 14	25 18		
	26 19	25 30	22 31		
	18 9	508 } 14 10	5 1		
	19 15	509 } 19 23	21 17		
	5 1	10 15	1 6		
	15 18	30 26	17 14		
	1 5	15 18	6 1		
	18 14	23 27	14 10		
		31 24	1 5		
		13 17	19 23		
		18 25	24 19		
		21 30	15 24		
		24 19	28 19		
		26 23	23 27		
		19 15	19 16		
		23 19	10 7		
			16 12		
			7 3		
D. D'd 4, 71.	B. D'd 4, 71.	B. D'd 4, 70.	D. D'd 4, 70.	B. D'd 4, 70.	B. D'd 4, 70.
456	456	458	459	459	459

497	498	499	500	501	502
19 16	9 6	11 15	28 24	13 9	27 23
22 18	18 23	18 23	13 17	7 2	18 27
16 7	19 16	512 24 19	21 14	17 13	32 16
5 9	23 18	23 26	22 18	21 25	10 19
13 6	16 7	19 16		14 10	
14 17	14 17	12 19		5 14	
		15 24		10 17	
		26 31		2 6	
	*725	20 16		17 14	
		30 26		*743 25 21	
		16 11		*744 14 9	
		14 18		6 10	
		24 19		9 5	
		26 23		21 17	
				5 9	
				17 22	
				9 5	
				22 18	
				5 9	
				18 15	
				9 5	
				15 11	
				5 1	
				11 7	
				1 5	
				7 2	
				5 1	
				2 6	
				1 5	
				6 1	
				13 9	
				10 14	
B. D'd 4, 70.	B. D'd 4, 70.	B. D'd 4, 75.	B. D'd 4, 75.	B. D'd 4, 77.	B. D'd 4, 75.
459	459	462	462	474	477

503	504	505	506	507	508
30 26 14 18 513 27 23 18 27 32 23 9 14 22 17	9 14 18 23 29 25 23 27 32 23 26 19 14 18	9 14 26 22 17 13 23 26 continue * 14 17 19 16 21 17	26 22 11 15 29 25 15 24 22 18 24 27 18 9 Drawn, McFarlane.	19 16 12 19 23 7 2 11 25 22 10 14 same as 492 at 10.	14 18 22 26 31 22 30 25
15 18	697				
*709	18 14				
710	11 7				
	17 13				
	7 2				
514	21 17				
*712	32 27				
	13 9				
	27 23				
	17 13				
	23 19				
	14 18				
	2 7				
*713	18 14				
	19 15				
		continue			
		* 9 6			
		7 2			
		14 17			
		2 9			
		13 6			
		Drawn, Bowen.			
B. D'd 4, 71.	B. D'd 4, 71.	B. D'd 4, 71.	B. D'd 4, 71.	B. D'd 4, 71.	B. D'd 4, 70.
487	489	489	491	491	493

509	510	511	512	513	514
14 17	14 10	17 13	15 18	32 28	14 9
22 25	18 22	15 24	23 27	18 23	2 7
29 22		23 19	18 9	27 18	9 14
30 25		14 18	5 14	10 14	*715 } 7 11
		19 16			*716 } 14 9
		18 22			32 27
		16 11			
		10 14			continue
		20 16			* 9 14
		24 27			Drawn,
		16 12			Janvier.
		27 31			
		12 8			
		31 27			
		8 3			
		27 23			
		11 7			
		23 19			
		7 2			
		19 15			
		13 9			
		15 10			
		2 7			
		22 25			
		29 22			
		26 17			
B. D'd 4, 70.	B. D'd 4, 70.	B. D'd 4, 70.	B. D'd 4, 75.	B. D'd 4, 71.	B. D'd 4, 71.
493	494	496	499	503	504

## CROSS.

97

515	516	517	518	519	520
* 23 26	* 12 16				
30 23	517 9 6	9 5	32 28	23 19	* 32 27
15 19	1 10	3 7	27 31	2 6	9 14
23 16	25 22	25 22	28 24	19 10	20 16
12 19	18 25	18 25	31 26	6 15	2 7
14 9	29 22	29 22	24 19	27 23	27 24
8 11	23 26	23 26	26 17	3 7	18 23
32 28	30 23	30 23	19 12	24 19	22 18
19 23	15 19	15 19	17 22	15 24	6 9
27 24	23 18	23 18	18 14	28 19	25 22
23 26	19 24	19 24	22 26	8 11	8 11
24 19	27 23	27 23	12 8	22 18	15 8
26 30	24 27	24 27	26 19	1 5	3 12
25 21	22 17	518 22 17	8 3	18 9	24 15
18 22	27 31	27 31	7 10	5 14	12 19
21 17		18 14	14 7	26 22	15 10
30 26		31 26	19 16	17 26	7 11
9 5		23 18		31 22	10 7
26 23		26 22		13 17	23 27
19 16				22 13	7 3
23 19				7 10	14 23
16 7				13 9	3 8
3 10				11 15	11 15
13 9				9 6	28 24
10 15				15 24	19 28
17 13				6 2	26 10
15 18				10 15	
9 6				23 19	
1 10				15 18	
5 1				2 6	
10 15				24 27	
				29 25	
				18 23	
				6 10	
				14 18	
				10 15	

B.	Bertie	B.	Bertie	B.	Bertie	B.	Bertie	W.	Price.	D.	Janvier.
1		1		516		517		12		18	

## CROSS.

521	522	523	524	525	526
* 6 10	* 15 19				1 6
16 11	24 15	25 22	28 24	* 24 20	527 17 13
10 15	523 } 11 27	27 31	27 31	18 27	14 17
11 8	524 } 26 23	26 23	26 23	26 23	21 14
14 18	27 31	31 26	8 11	27 31	528 } 10 17
8 3	23 19	23 19	25 22	23 19	529 } 24 19
18 23	8 11	8 11	31 26	31 27	9 14
3 8	28 24	29 25	23 19	20 16	18 9
23 30	31 27	11 15	26 23	11 20	5 14
8 11	24 20	28 24		19 15	530 29 25
2 6	27 24	7 11		10 19	7 10
11 18	20 16			17 1	25 21
6 10	24 15			9 14	2 7
18 15				1 6	27 24
19 23				14 18	4 8
				6 2	24 20
				8 11	11 15
					28 24
					15 18
					531 13 9
					6 13
					32 28
					18 27
					19 16
					12 19
					24 6
					27 32
					6 2
					8 11
					26 23
					17 22
					2 6
					7 10
					6 8
					3 12
					23 19
					22 25
					20 16
B. Wilkin.	B. Bowen.	B. Bowen.	B. Bowen.	D. Hefter.	D. h.s.ROGERS
18	40	522	522	40	62

## CROSS.

99

527	528	529	530	531	532
26 22	24 20	26 22	28 24	32 28	24 19
9 13	9 14	17 26	11 16	18 27	11 15
18 9	18 9	31 22	26 22	536 13 9	29 25
5 14	5 14	7 19	17 26	6 13	15 24
532 } 23 18	534 28 24	535 29 25	31 22	19 16	28 19
533 } 14 23	3 8	10 14	14 17	same as 526 at 24.	7 11
27 18	32 23	23 19			27 24
6 9	17 21	14 23			11 15
31 27	26 22	27 18			537 24 20
11 15	14 17	11 16			15 24
18 11	23 18	19 15			32 28
7 16	17 26	9 14			4 8
27 23	31 22	18 9			28 19
4 8	21 25	5 14			8 11
23 18	22 17	32 27			
8 11	25 30	3 7			
32 27	18 14	27 23			
2 7	30 26	14 17			
27 23	14 9	22 18			
16 20	26 22	17 21			
24 19	9 5	25 22			
20 24	6 9	16 20			
29 25	13 6	24 19			
3 8	22 13	21 25			
		22 17			
		25 30			
		17 14			
		30 26			

B. S.T. Allen	B. Allen.	B. Allen.	B. Allen.	D. Rogers	B. Allen.
526	526	526	526	526	527

## CROSS.

533	534	535	536	537	538
24 20	26 22	23 19	19 16	23 18	27 24
6 9	17 26	3 8	12 19	14 23	11 15
538 28 24	31 22	29 25	24 15	17 14	539 24 19
3 8	14 17	11 15	10 19	10 26	15 24
24 19	22 18	18 11	31 15	19 1	28 19
11 15	17 22	8 15	14 18	26 30	7 11
32 28	18 15	27 23	21 14	31 26	32 28
15 24	11 18	9 14	7 10	23 27	11 15
28 19	23 14	25 21	14 7	32 23	31 26
7 11	7 10	4 8	3 19	13 17	15 24
27 24	14 7	21 17		21 14	28 19
11 16	3 10	14 21		30 21	2 7
20 11		23 18		26 22	19 16
8 15		8 11		21 25	12 19
		24 20			23 16
		15 24			4 8
		28 19			26 23
		21 25			8 11
					29 25
					10 15
					17 10
					7 14
					16 7
					3 10
					20 16
					15 19
B. Allen.	B. Allen.	B. Allen.	B. Allen.	B. WOOLHOUSE	B. Allen.
527	528	529	531	532	533

## CROSS.

101

539	540	541	542	543	544
	14 18				
23 19	541 29 25	22 17	16 12	27 24	* 22 18
14 18	9 13	9 13	9 14	1 6	15 22
17 14	31 26	17 14	32 27	24 20	25 18
10 26	5 9	19 23	6 9	7 11	
19 10	542 32 27	16 12	543 26 23		
7 14	9 14	13 17	19 26		
31 15	27 24	28 24	30 23		
14 18	18 23	23 27	13 17		
15 10	22 18	32 23	22 6		
9 14	6 9	18 27	1 26		
	25 22	24 19			
	8 11	27 32			
	15 8	30 26			
	3 12	6 9			
	24 15	19 16			
	12 19	9 18			
	15 10	21 14			
	7 11	32 28			
	10 7	14 10			
	23 27	7 14			
	7 3	16 11			
	14 23	28 24			
	3 8	11 4			
	11 15	24 19			
	28 24				
	19 28				
	26 10				
B. Allen.	D. Janvier	B. Robertson	B. Bowen	B. Robertson	D. Janvier
538	17	540	540	542	70

## CROSS.

545	546	547	548	549	550
.	6 9	*	* 6 9		2 6
31 26	17 13	* 25 22	25 22	31 27	
4 8	1 6	9 13	9 13	550 5- 9	
20 16	26 22	29 25	26 23	23 18	
546 10 15		6 9	1 5	14- 23	
19 10		25 21	same as 226	27 18	
12 19		9 14	at 8.	2- 7	
23 16		26 23		32 28	
6 15		1 5		12-16	
17 10	same as 226			19 12	
8 12	at 8.			10-14	
21 17				17 10	
12 19				7-23	
26 22				24 19	
19 23				15-24	
27 24				28 19	
23 26				23-27	
10 6			551	30 25	
1 10				9-14	
24 19				19 15	
				11-18	
				22 15	
				14-18	
D. Bertie	W. DRUMMOND	B. Kirkwood	B. DRUMMOND	B. DRUMMOND	B. Kirkwood
76	545	213	213	226	549

## CROSS.

103

551	552	553	554	555	556
	* 2 7		* 6 10		
30 26	30 26	* 23 18	555 13 9	22 18	9 5
27-32	3 8	14 23	11 15	1 5	15 24
26 23	24 20	17 14	556 9 6	18 9	22 18
32-27	same as 226	10 26	15 24	5 14	24 27
22 18	at 13	19 1	23 19	13 9	18 9
11-16		12 16	24 27	11 15	10 15
		31 22	6 2	9 6	9 6
		23 27	27 31	15 24	1 10
		24 20	22 17	6 2	5 1
		27 31	31 26	24 28	27 31
		21 17	17 13	2 6	
		31 27	14 18	-10 15	
		17 14	557 21 17	6 9	
		16 19	18 23	14 17	
		22 18	558 2 6	21 14	
		27 23	3 7	28 32	
		1 6	6 15		
		13 17	7 10		
		6 9	15 6		
		17 22	1 10		
		9 13	20 16		
		22 26	23 27		
		18 14			
B. DRUMMOND	B. Hefter	D. Hefter	B. Fleming	B. Lear	B. Dunne
549	266	266	219	554	554

## CROSS.

557	558	559	560	561	562
2 6	2 7	9 14 22 17	11 16 26 23	3 7 32 28	* 31 27
10 14	1 6	7 11	8 11	2 6	2 6
6 10	7 14	29 25	24 20	22 18	23 18
18 22	6 10	6 9	15 24	6 9	14 23
10 17	14 7	same as 395	28 19	26 22	27 18
26 31	3 10	at 4.	10 14	7 10	6 9
17 26	13 9		17 10	28 24	17 13
31 22	26 22		7 14	9 13	9 14
21 17	17 13		31 26	18 9	18 9
22 18	22 18		561 2 6	5 14	11 16
			22 18	22 18	9 6
			6 10	13 17	16 23
			18 9	18 9	6 2
			5 14	10 14	563 8 11
			26 22	9 6	2 6
			11 15		564 3 8
			20 11		22 17
			15 24		11 16
			22 18		24 20
			24 27		565 7 11
			18 9		28 24
			27 31		23 26
			23 18		32 28
					26 31
					6 9
B. Fleming	B. Fleming	D. Bowen	W. Bletcher	W. Roger	W. Meyers
554	554	225	318	560	318

## CROSS.

105

563	564	565	566	567	568
7 11	11 16	8 11	* 10 6	* 19 23	* 16 11
22 17	24 20	17 14	1 10		18 25
15 18		10 17	2 7		29 22
24 19		21 14	23 19		19 23
11 16		15 19	7 14		24 19
2 6		6 10	19 15		15 24
18 22		23 26	4 8		28 19
6 15		10 3	32 28		23 26
22 26		19 24	31 26		22 18
28 24		28 19	28 24		26 31
16 20		16 23	26 22		18 14
13 9		3 8	24 27		31 27
20 27			14 18		19 15
19 16			15 19		27 23
			8 11		14 10
			19 23		6 9
			18 14		10 6
			27 24		
			11 15		
			24 27		
			15 18		
			23 26		
			22 17		
W. DRUMMOND	W. DRUMMOND	W. RICHARDSON	D. Bowen.	B. Kear.	D. Kear.
562	562	562	160	324	324

## CROSS.

569	570	571	572	573	574
* 6 9	* 9 14		* 11 16	18 23	
24 15	571 } 10 6	17 13	20 11	27 9	25 22
9 14	750 } 1 10	14 17	7 16	11 16	18 25
18 9	27 24	10 7	29 25	9 5	29 22
11 18	14 21	5 9	16 20	16 23	1 5
9 6	24 6		25 22	13 9	31 27
1 10	5 9		2 7	6 22	5 9
21 17	6 2		17 13	25 4	same as 329
7 11	9 14		9 14		at 7.
17 13	2 7		22 17		
11 16	14 18		14 18		
31 27	7 11		17 14		
16 19	18 23		3 8		
27 24	26 19		13 9		
10 15	16 23		7 11		
	11 15		14 10		
	23 27		18 23		
			27 18		
			15 31		
D. Bownas	D. BROUGHTON	D. BROUGHTON	B. Price	W. Bowen	W. Irving.
370	370	570	354	329	329

## CROSS.

107

575	576	577	578	579	580
* 26 31					14 17
27 23	* 10 7	25 22	29 25	29 25	21 14
31 27	3 10	2 7	8 11	11 15	10 17
	6 24	578 22 18	22 18	25 22	18 15
		580 8 11	581 4 8	7 11	8 11
		18 9	18 9		15 8
		5 14	5 14		4 11
		579 23 18	25 22		29 25
		14 23	14 17		7 10
		27 18	21 14		25 22
		16 23	10 17		5 9
		26 19	22 18		22 18
		20 27	17 22		17 22
		32 23	26 17		26 17
		13 17	13 22		13 22
		21 14	18 15		18 15
		10 17	11 18		11 18
			23 14		23 5
			16 23		16 23
			27 18		27 18
			20 27		20 27
			32 23		32 23
			22 26		22 26
			14 10		18 15
			7 14		
			18 9		
			26 31		
			23 18		

D.	Dunne	W.	Dunne	D.	Wilder	D.	Bowen	D.	Wilder	W.	J.Brown
360		360		331		577		577		577	

## CROSS.

581	582	583	584	585	586
14 17				2 7	6 10
21 14	*24 20	* 32 27	24 20	28 24	32 27
10 17	585 } 11 15	11 16	11 15	9 13	9 14
25 22	586 } 19 10	19 15	19 10	17 14	30 26
4 8	6 15	16 19	6 15	11 15	5 9
18 14	587 25 22	30 26	22 17	19 10	26 22
17 21	18 25	645 3 7	14 18	6 15	593 2 6
32 28	29 22	655 17 14	25 22	32 28	22 15
	588 9 13	7 11 same as 582	590 1 6		11 18
	17 14	24 20	at 5	30 26	27 23
589	3 7	2 7		8 11	18 27
	30 26	21 17		24 19	31 24
	15 18	9 13		15 24	8 11
	22 15	656 27 24		28 19	19 16
	7 10	13 22		18 23	12 19
	15 6	26 17		26 22	24 8
	2 18	657 18 23	591 6 10		3 12
	26 23	658 25 21	592 22 17		28 24
	18 27	11 18		13 22	594 14 18
	32 23	24 15		25 18	17 14
	8 11	7 11		10 17	10 17
	31 27	29 25		21 14	21 5
	11 15	6 9		7 10	18 23
	27 24	17 13		14 7	24 19
	1 6	659 23 26		3 10	6 10
	24 19	13 6		29 25	25 22
	15 24	1 19		5 9	23 26
		31 15		25 21	22 18
		11 18		9 13	26 31
				18 14	18 15
				10 17	31 27
				21 14	15 6
				13 17	1 10
				14 9	5 1
				17 22	27 24
				9 6	
				23 26	
				6 2	
				26 30	
W. J.Brown	D. Goodall	D. Burns	D. Bowen	D. Strickland	D. Price
578	16	16	15	582	582

## CROSS.

109

587	588	539	590	591	592
	8 11	8 11	7 10	7 10	
30 26	602 30 26	30 26	14 7	14 7	22 18
8 11	3 8	2 6	3 10	3 10	10 17
595 25 22	32 27	32 27	30 26	22 18	21 14
18 25	15 18	6 9	8 11	6 9	7 10
29 22	22 15	14 10	25 22	25 22	14 7
596 3 7	11 18	9 14	18 25	23 26	3 10
597 28 24	17 13	27 23	29 22	22 17	25 21
7 10	9 14	5 9	5 9	13 22	10 14
598 17 13	603 27 24	10 6	22 17	18 15	18 9
9 14		1 10	13 22	11 18	5 14
26 23		31 27	26 17	29 25	29 25
5 9		12 16	604 12 16	22 29	13 17
13 6		27 24	31 26	31 26	25 22
2 9		16 19	16 19		17 26
599 31 27		23 7	17 13		31 22
		14 18	1 6		23 26
		7 2	21 17		22 17
600 } 1 6		18 25	9 14		26 31
601 } 32 28		2 6	26 22		17 10
12 16		10 14	14 21		11 15
22 18		20 16	22 18		
15 22		25 29	15 22		
24 19		16 11	24 8		
22 26		29 25	10 14		
19 12		26 22	8 3		
26 31		25 18	14 17		
20 16		11 7	3 7		
11 20		3 10	22 26		
12 8		24 19	28 24		
31 24		15 24	26 31		
28 19		6 22	24 19		
9 13		24 27	31 27		
8 3		22 26	19 15		
20 24			27 23		
3 7			15 11		
14 18			23 18		
			11 8		
			18 14		
			8 3		
			6 10		
D. Martin	D. Dunne.	D. Spayth.	D. Borland.	D. Borland.	D. STRICKLAND
582	582	582	585	585	585

## CROSS.

593	594	595	596	597	598
18 23	1 5		15 19		
27 18	24 19	17 13	22 17	17 13	32 27
14 23	14 18	9 14	9 13	15 19	9 14
22 18	25 22	32 27	17 14	13 6	27 23
23 26	18 25	12 16	3 7	1 10	1 6
31 22	29 22	26 23	20 16	20 16	17 13
9 13	9 13	1 6	11 20	11 20	607 11 16
18 15	20 16	31 26	32 27	32 27	20 11
11 18	6 9	6 9	12 16	2 6	15 18
22 6	16 11	13 6	27 24	22 18	22 15
605 } 13 22	12 16	2 9	20 27	5 9	10 28
606 }	25 18	19 12	26 22	31 15	23 19
1 10	10 15	9 13	2 6		28 32
18 15	11 7	28 24	26 23		19 15
10 14	15 19	3 8	6 10		32 28
20 16	7 2	24 19	15 6		11 8
2 7	19 23	15 31	1 17		14 17
28 24	2 6	22 15	21 14		21 14
14 18	23 26	11 27	7 11		6 10
29 25	22 18				15 6
18 23	13 22				2 18
16 11	6 13				8 3
7 16					28 24
24 20					3 8
					18 23
					26 19
					24 15
					31 27
					12 16
					8 12
					16 20
					12 16

W. McCULLOCH	W. McCULLOCH	B. Shaefer.	D. Busby.	B. Busby.	D. G. B. ALLEN
586	586	587	587	587	587

## CROSS.

111

599	600	601	602	603	604
	9 13	12 16			1 6
23 19	23 18	22 17	32 27	28 24	31 27
9 13	14 23	9 13	3 7	2 6	9 14
31 26	27 18	23 19	30 26	24 19	27 23
14 18	1 6	13 22	9 13	18 22	616 6 9
20 16	21 17	19 12	17 14	26 10	17 13
18 25	5 9	15 18	13 17	6 24	15 18
16 7	32 27	12 8	22 13	21 17	13 6
15 18	12 16	11 15	608 } 1 6	8 11	18 27
7 2	27 23	8 3	609 } 26 23	17 14	6 2
25 30		1 6	610 } 15 19	1 6	
2 6		27 23	23 16	27 23	
		18 27	611 } 12 19	24 28	
		32 23	612 } 20 16	23 19	
			613 } 11 20	28 32	
			614 } 27 24	20 16	
				20 27	11 20
				31 15	19 15
			615 } 7 10	20 24	
				14 7	
				2 18	
				28 24	
				18 22	
				24 20	
				22 25	
				20 16	
				25 30	
				16 11	
				30 26	
				11 7	
				26 23	
				7 2	

D. G. B. ALLEN	W. Busby	W. Busby	D. STRICKLAND	B. Dunne	W. Borland.
587	587	587	588	588	590

605	606	607	608	609	610
1 10	2 9	6 9			
20 16	19 15	13 6	13 9	28 24	21 17
13 22	13 22	2 9	6 13	12 16	15 18
25 18	25 18	617 22 17	26 22	622 26 23	27 23
3 7		9 13	618 } 15 19	6 9	18 27
28 24		23 19	619 } 27 24	13 6	31 24
2 6		13 22	620 19 23	2 18	11 15
21 17		26 17	22 18	23 14	
6 9		15 18	23 27	16 19	
29 25		17 13	24 19	31 26	
8 11		18 23	11 16	19 28	
24 20		13 9	31 24	26 22	
		23 27	16 23	28 32	
		9 6	621 20 16	22 17	
		27 32	12 19	32 23	
		6 2	24 15	14 9	
		32 28	23 26	5 14	
		2 7	15 10	17 3	
		11 15		15 18	
		7 2		3 7	
				11 15	
				7 10	
				23 19	
W. M'CULLOCH	W. M'CULLOCH	D. G. B. ALLEN	D. STRICKLAND	D. STRICKLAND	B. STRICKLAND
593	593	598	602	602	602

## CROSS.

113

611	612	613	614	615	616
623	21 17	31 26	27 24	21 17	6 10
	11 15	6 9	11 15	20 24	15 6
	20 16	13 6	31 26	27 20	2 18
	6 9	2 18	6 9	19 23	28 24
	13 6	624 27 24	13 6	28 24	18 22
	2 18	11 15	2 18	23 26	24 20
	16 12	20 16	20 16	7 11	16 11
	19 23	18 23	18 23	21 17	23 27
	27 24	26 22	26 22	6 9	11 7
	23 26		23 27	22 26	27 31
			16 12	17 14	17 13
			27 32		14 18
					7 3
D.Strickland	D.Strickland	D.Strickland	D.Strickland	D.Strickland	W. Borland.
602	602	602	602	602	604

## CROSS.

617	618	619	620	621	622
	12 16	2 6	11 15		
23 19	22 17	22 17	31 27	14 9	13 9
14 18			2 6	5 14	6 13
22 17			22 18	18 9	26 23
9 14			15 22	7 11	2 6
17 13			24 15	9 5	23 18
18 23			22 26	23 27	15 22
26 22			15 11	5 1	27 23
23 27					6 9
22 17					
27 32					
13 9					
32 27					
9 6					
27 23					
6 2					
23 16					
2 7					
15 18					
17 13					
18 22					
13 9					
10 15					
9 6					
14 18					
6 2					
18 23					
2 6					
23 27					
B. G.B.Allen	W. Strickl'd.	W. Strickl'd.	D.Strickland	D.Strickland	B.Strickland
607	608	608	608	608	609

## CROSS.

115

623	624	625	626	627	628
7 10				14 18	9 13
17 14	21 17	22 17	627 } 30 26	22 15	22 18
		7 10	14 18	11 18	14 23
			25 22	31 27	27 18
			same as 582	629 14 18	3 7
				at 5. 643 } 32 27	6 10
				644 } 9 14	28 24
				16 19	2 7
				22 17	32 28
				5 9	13 17
				3 7	21 14
			same as 583	7 11	10 17
				25 22	18 14
				11 25	1 6
				29 22	19 15
			628	6 10	17 22
				22 18	24 19
				14 23	22 26
				27 18	28 24
				8 11	7 11
				28 24	15 10
				2 6	6 15
				18 14	19 10
				9 18	26 31
				20 16	10 6
				11 27	31 27
				32 7	24 19
				6 9	27 24
				7 2	6 1
					24 15
					14 10
					15 6
					1 10

W. Strickl'd.	B. Strickland	D. Bowen	D. Bowen	D. Kirkland.	D. Kirkland.
611	612	337	4	626	627

## CROSS.

629	630	631	632	633	634
16 20					9 13
630 24 19	22 17	26 22	28 24	22 17	18 14
14 18	20 27	18 23	6 9	3 7	640 6 10
15 10	17 10	633 22 18	635 26 23	28 24	15 6
6 24	2 7	634 3 7	636 } 9 13	23 27	1 17
22 15	32 23	21 17	637 } 24 20	15 10	21 14
24 27	7 14	9 13	13 17	7 14	8 11
32 23	23 19	28 24	638 } 20 16	17 10	14 10
12 16	14 18	13 22	639 } 5 9	6 15	11 16
25 22	631 31 27	15 10	16 11	19 10	19 15
1 6	9 14	7 14	17 22	27 32	16 20
22 18	632 26 22	18 2	11 4	10 7	10 6
3 7	6 9	23 27	22 26	32 28	23 27
26 22	27 24	25 18	25 22	24 20	
8 12	18 23	1 6	18 25	9 13	
15 11	22 17	2 9	29 22	7 3	
16 19	14 18	5 23	26 31	5 9	
23 16	17 13	24 20	15 11	21 17	
12 19	9 14	27 32	31 8	13 22	
11 8	15 10	31 27	4 11	25 18	
19 23	23 26	23 26	1 5	28 24	
18 15	10 6	29 25	22 18	18 15	
23 27	1 10	32 16	9 13	1 6	
31 24	19 16	20 4	18 9	20 16	
20 27			5 14		
8 3			11 15		
7 10			12 16		
15 11			15 11		
27 31			16 20		
22 17			11 15		
9 13			20 24		
17 14			15 18		
10 17			13 17		
21 14			18 9		
13 17			17 22		
3 8					
31 26					
11 7					
2 11					
8 15					
17 21					
14 10					
6 9					
28 24					
D. Bremner.	D. McLACHLAN				
626	629	630	630	631	631

## CROSS.

117

635	636	637	638	639	640
15 11	15 11	25 22	3 7	17 22	3 7
8 15	8 15	18 25	15 10	27 24	19 16
19 10	19 10	29 22	8 11	18 27	12 19
12 16	13 17	12 16	10 3	25 9	15 10
25 22	23 19	19 12	11 20	5 14	6 15
18 25	17 22	3 7	16 11	21 17	
29 22	27 24	13 17	17 22	27 32	
9 13	18 27	22 13	7 10	11 4	
26 23	25 9	5 9	22 26	32 27	
16 20	5 14	13 6	10 17	24 20	
24 19	19 15	1 28	26 31	27 24	
5 9	27 32	23 19	23 14	15 11	
641 10 6	642 24 19	28 32	31 15	24 8	
1 10	32 27	27 23	14 9	4 11	
19 16	10 6	8 11		14 18	
	1 10			29 25	
	15 6			18 23	
	27 23			11 15	
	19 15			3 7	
	23 18			15 19	
	15 10			23 27	
	14 17			25 22	
				27 32	
				22 18	
				32 28	
				21 17	
				28 32	
				17 14	
				32 28	
				18 15	
				1 6	
				19 23	
				28 24	
				15 11	
				7 16	
				20 11	
				24 19	
D. Wright	B. McLACHLAN	B. McLACHLAN	W. McLACHLAN	D. McLACHLAN	W. McLACHLAN
632	632	632	632	632	634

## CROSS.

641	642	643	644	645	646
19 16	15 11	24 20	31 27	2 7	9 13
1 5	32 27	16 19	16 19	17 14	27 23
22 18	24 20	32 27	27 23	646 7 11	18 27
3 8	27 23	2 7	18 27	647 24 20	15 10
18 15	11 7	22 17	32 16	648 3 7	6 15
8 12	14 17	7 11	12 19	21 17	21 17
16 11	21 14	17 14	22 18	same as 583	13 22
14 18	1 6	3 7	8 12	at 11.	25 2
	10 1	21 17	25 22		12 16
	3 17	9 13	2 7		24 15
		27 24	29 25		16 20
		13 22	7 10		31 24
		26 17	21 17		20 27
		18 23	12 16		26 22
		25 21	24 20		27 31
		11 18	3 7		29 25
		24 15	20 2		31 26
		7 11	9 13		22 17
		29 25	2 9		26 30
		6 9	5 30		25 21
		17 13	15 6		30 26
		12 16	30 14		15 10
		13 6			26 22
		1 19			17 13
		14 10			22 17
		8 12		649	2 6
		10 7			17 22
		11 15			21 17
		20 11			22 25
		18 22		650	6 2
		25 18			25 21
		15 22			10 7
		7 2			3 10
		23 26			14 7
		2 6			21 14
		19 23			7 3
		11 7			8 12
		26 30			3 7
		7 2			12 16
		12 16			2 7
		2 7			30 25
		30 25			7 11
		7 11			16 20
		16 20			28 24
B. McLACHLAN	B. McLACHLAN	D. Baxter.	B. Martin.	D. M'Culloch	W. M'Culloch
635	636	626	626	583	645

## CROSS.

119

647	648	649	650	651	652
	9 13	8 12	25 22		13 17
21 17	651 15 10	14 9	10 6	27 23	22 13
19 23	6 15	5 14	1 10	18 27	15 18
26 19	25 22	6 9	14 7	31 24	14 10
11 16	18 25		3 10	11 18	11 15
15 11	29 22		2 7	24 15	20 16
16 32	652 12 16			654 6 9	19 23
11 4	27 24				14 10
32 27	19 23				26 19
24 20	26 12				9 14
27 23	15 19				15 24
17 13	24 15				28 24
23 19	11 25				28 19
31 26	20 16				13 17
18 23	653 1 6				18 22
	14 10				25 22
	6 15				27 23
	16 11				18 25
	25 30				22 25
	11 4				29 13
	15 19				23 18
	4 8				25 30
	30 25				13 6
	8 11				18 15
	19 23				3 7
	28 24				30 25
	23 26				10 3
	31 22				10 6
	25 18				1 28
	24 19				26 23
	5 9				28 32
	19 15				23 19
	9 14				8 11
	15 10				3 8
	14 17				32 27
	21 14				8 15
	18 9				27 24
	11 7				
	13 17				
	7 2				
	9 5				
	2 6				

B. M' Culloch	D. M' Culloch	W. M' Culloch	W. M' Culloch	D. M' Culloch	W. M' Culloch
645	645	646	646	648	648

## CROSS.

653	654	655	656	657	658
8 11	3 7			19 23	
16 7	15 11	24 20	25 21	24 19	15 10
3 17	8 15	9 13	13 22	662 5 9	6 15
21 14	26 23	17 14	26 17	14 5	25 21
1 6	18 27	7 10	19 23	23 27	663 } 5 9
28 24	21 17	14 7	661 27 24	31 24	664 } 14 5
25 30	13 22	2 11	23 26	18 23	15 18
24 19	25 2	26 23	31 22	25 22	24 15
30 25		18 27	18 25	11 25	23 26
19 15		31 24	29 22	29 22	31 22
25 22		11 18	11 25	23 26	18 25
14 10		24 15		22 18	29 22
22 18		6 10		26 31	11 25
		15 6		18 15	17 14
		1 10		31 27	25 30
		25 22		17 14	14 9
		18 25		6 10	30 26
		29 22		15 6	9 6
	660	10 15		1 17	1 10
		28 24		19 16	5 1
		8 11		12 19	26 22
		26 23		24 15	
		12 16		27 23	
		21 17		20 16	
		5 9			
		23 18			
		16 19			
		17 14			
D. M' Culloch	D. M' Culloch	D. M' Culloch	B. Burns.	D. Roger.	B. Burns.
648	651	583	583	583	583

## CROSS.

121

659	660	661	662	663	664
12 16	8 11		6 10	23 26	15 16
13 6	26 23	15 10	15 6	31 22	24 15
1 19	12 16	6 15	1 10	18 25	5 9
14 10	28 24	A 14 9	665 25 21	29 22	14 5
8 12	5 9	23 32	18 22	5 9	23 26
10 7	24 19	29 25	17 13	14 5	same as 658
11 15	9 14	5 14	10 17	15 13	at 8.
20 11	19 12	17 3	21 14	24 15	
18 22	10 15	18 22	23 26	11 25	
25 18		25 18	13 9	same as 658	
15 22		15 22	26 30	at 12.	
			9 6		
			A 30 25		
			27 24 6 2		
			5 9 25 21		
		same as 658	20 16		
		at 4.	11 20		
			2 4		

D. M' Culloch	D. M' Culloch	B. Burns.	W. Burns.	B. M' culloch	B. M' Culloch
583	655	656	657	658	658

## CROSS.

665	666	667	668	669	670
19 15	* 32 28	22 18	1 5	14 17	14 18
10 19	15 24	7 11	22 18	21 14	16 12
25 21	28 19	18 9	7 11	10 26	18 23
18 22	3 7	11 15	18 9	31 22	
14 9	667 29 25	29 25	5 14	675 7 10	
5 14		15 24	31 26	25 21	
17 13		25 22	11 15	1 5	
23 26	668 } 7 11	24 28	19 16	676 22 18	
3 7	669 } 22 18			10 14	
19 23	1 5			18 9	
7 11	18 9			5 14	
12 19	5 14				
20 16	31 26				
8 12	11 15				
16 11	19 16				
26 30	12 19				
11 7	23 16				
23 26	670 15 19				
7 2	16 11				
12 16	19 24				
2 7	11 8				
16 20	24 27				
7 10	8 3				
19 23	671 27 31				
10 15	672 25 22				
23 27	673 31 27				
31 24		3 8			
20 27	674 27 24				
15 18		26 23			
30 25		24 27			
18 23		22 18			
27 31					
23 30					
31 27					
21 17					
25 21					
17 14					
27 23					
28 24					
23 18					
14 9					
21 17					
24 19					
17 14					
9 5					
W. M'culloch	D. Robertson	B. Robertson	D. Robertson	D. Robertson	D. Robertson
662	338	666	666	336	666

## CROSS.

123

671	672	673	674	675	676
10 15	.	10 15	10 15	2 6	
3 8	26 22	22 17	8 11	25 21	21 17
15 19	10 15	31 22	14 18	7 10	2 7
8 11	3 8	17 10	26 23	23 18	23 18
27 31	15 19			6 9	7 11
25 22	8 11			21 17	18 14
19 24	19 24			1 5	11 15
	11 15			18 15	14 7
	24 28				15 24
677	15 10				
	31 26				
	10 17				
	28 32				
	20 16				
	32 28				
D.Robertson	B. Robertson	D.Robertson	D.Robertson	D.Robertson	D.Robertson
666	666	666	666	669	669

677	678	679	680	681	682
15 19	32 28	32 28	23 19	* 10 15	23 19
31 26	2 6	24 27	14 18	682 32 28	14 18
20 16	28 19	31 24	19 16	15 19	23 16
26 17	10 15	3 7	12 19	23 16	19 10
16 11	19 10	680 24 19	24 6	12 19	18 25
28 32	6 15	7 11	2 9	20 16	32 28
11 8	31 27	25 22	20 16	2 7	2 7
32 27	15 19	11 15	7 10	16 12	
8 3		28 24	7 10	7 11	
27 31		2 7	16 11		
3 8		20 16	10 14		
31 26		14 18	11 7		
8 11			13 17		
26 30			7 2		
11 15			9 13		
14 18			2 6		
			17 22		
			6 9		
			22 29		
			28 24		
			18 22		
			9 25		
			29 22		
			24 19		
			22 18		
B. Robertson	B. M' Culloch	B. Robertson	B. Robertson	B. F. Allen	B. Robertson
672	338	338	679	338	681

## CROSS.

125

683	684	685	686	687	688
* 8 11	* 23 26	* 3 8	* 23 27		
16 7	11 4	26 23	17 13	25 21	* 22 17
27 23	27 31	6 9	27 32	8 11	13 22
same as 405		17 13	687 24 19	15 8	21 17
at 5.		15 18	32 27	4 11	14 21
		13 6	25 22	14 9	7 14
		18 27	27 24	6 10	22 26
		32 23	14 10	9 6	29 22
		2 9	8 11	10 15	26 30
		25 22	15 8	6 2	
		11 15	4 11	32 27	
		30 26		21 17	
		8 11		27 23	
		22 17		17 14	
		9 13		23 19	
		26 22			
		1 5			
		31 27			
		5 9			

B.	Denny.	B.	Janvier.	B.	Unknown	B.	Bertie.	B.	Bertie.	D. MCFARLANE
	349		349		395		407		686	493

## CROSS.

689	690	691	692	693	694
* 19 16	* 30 26	29 25	3 7		2 7
26 22	13 22	11 15	31 26	22 18	695 32 28
17 14	25 9	25 22	7 11	1 5	9 13
10 17	5 14	15 24	19 16	18 9	24 20
21 14	691 26 23	same as 690	at 19.	5 14	15 24
	28 19			19 16	22 6
	8 11	at 12.		12 19	1 10
	25 22			23 7	28 19
	11 15			2 11	8 11
	32 28			26 22	26 23
	15 24	11 15		10 15	10 15
	28 19	same as 690		22 17	19 10
	8 11			14 18	12 26
	25 22			17 14	31 22
	11 15			15 19	7 14
	32 28			14 10	22 17
	15 24				
	28 19				
692	3 8			11 15	
	31 26			10 7	
	8 11			19 24	
693	19 16			7 3	
	12 19			15 19	
	23 7			3 7	
	2 11			18 23	
	26 23			7 11	
	10 15			23 26	
	22 17			11 15	
	15 18			19 23	
	17 10			20 16	
	18 27				
	10 7				
	27 31				
D. Bowen	D. Martin.	D. Bowen	D. Bowen.	D. Lear.	D. Dalziel.
496	455	690	690	690	454

## CROSS.

127

695	696	697	698	699	700
			28 32		
22 17	17 13	21 17	7 10	* 30 26	* 27 23
18 23	23 30	19 15	18 14	21 30	3 7
696 16 11	13 6	same as 498	10 15	8 12	same as 239
7 16	10 14	at 12.	14 9	30 23	at 19.
31 27	19 10		15 18	12 26	
23 30	12 28	4897	32 27		
17 13	6 2		17 14		
16 23	8 11		9 6		
27 4	2 6		18 15		
	14 18		27 23		
	25 22		14 10		
	18 25		6 2		
	29 22		21 17		
	7 14		2 6		
	6 9		17 13		
	14 18		6 2		
	22 8		15 11		
	5 14				
	8 4				
	1 6				
B. WOOLHOUSE	B. WOOLHOUSE	D. Bowen	D. Bowen	D. Hefter	D. Hefter
694	695	504	489	290	275

## CROSS.

701	702	703	704	705	706
32 27	* 13 9	* 3 8	* 23 18	* 27 24	* 10 14
5 9	6 13	26 23	15 22	A B C 1 5	A 27 23
same as 214	21 17	19 26	26 17	21 17	8 12
at 10.	13 22	30 14	1 5	3 8	23 16
	25 11	21 17	6 10	24 20	12 19
		21 17	13 9	26 23	
		6 9	10 15	7 11	19 26
		13 6	9 6	s 30 25	30 23
		2 18	7 11	12 16	2 7
		17 14	30 26	25 21	B 28 24
		12 16		8 12	7 10
		25 22		15 8	24 19
		18 25			3 8
		29 22		A	25 22
		16 19		19 23	8 12
		22 17		26 19	15 11
		19 23		10 14	10 15
		27 18		24 20	19 10
		15 22		14 23	6 15
				15 11	
				7 16	A
				20 11	26 23
					19 26
				B	30 23
				10 14	13 17
				26 23	31 26
				19 26	17 22
				30 23	26 10
					8 11
				C	
				3 8	B
				21 17	25 22
				7 11	13 17
				24 20	22 13
				1 5	7 10
				s 30 25	
				ss same.	
D. Hefter.	W. Hefter.	D. Hefter.	W. Hefter.	W. Hefter.	B. Hefter.
230	242	242	239	278	278

## CROSS.

129

707	708	709	710	711	712
* 26 22	* 24 20	* 17 13	11 15		* 2 6
3 12	16 19	32 27	10 7	10 7	10 7
18 15	20 16	18 14	3 10	18 15	3 10
9 18	2 7		14 7	7 3	14 7
15 11	17 13		15 18	27 23	32 27
7 16	9 14		7 10	3 7	7 11
22 15	31 26		32 27	23 18	27 23
25 30	18 23		17 13	7 3	17 14
20 11	25 22		1 5	15 11	23 18
30 25	14 18		711 10 14	21 17	14 9
15 10	29 25		18 9	18 15	6 2
19 23	7 11		13 6		9 5
10 7	16 7		27 23		2 6
	3 10		21 17		11 7
	22 17		23 18		18 15
	5 9		6 1		7 2
	17 14		18 15		6 10
	10 17		1 6		2 6
	15 11				10 7
	8 15				
	28 24				
	19 28				
	26 10				
	6 15				
	13 6				
	1 10				
	25 22				
	17 26				
	30 7				
	15 18				
	7 2				
	18 23				
	2 7				
D. Hefter	W. Jacques	D. MCFARLANE	D. Bowen	E. MCFARLANE	B. MCFARLANE
230	375	504	504	710	504

713	714	715	716	717	718
* 10 6	* 25 21	* 13 9	* 21 17	* 23 26	* 17 22
1 10	19 16	11 7		9 6	10 15
18 15	9 14	9 6		2 9	3 7
	28 32			14 5	32 27
	10 7			26 31	22 17
	3 10			18 14	15 10
	14 7			31 26	28 32
	32 27			14 9	10 3
	17 14			26 23	32 25
	27 23			9 6	
	14 9			23 18	
	23 19			6 2	
	21 17			13 17	
	19 15				
	9 6				
D. MCFARLANE	D. Bowen.	D. MCFARLANE	D. Janvier.	B. MCFARLANE	B. Bowen.
504	489	514	514	421	421

## CROSS.

131

719	720	721	722	723	724
	* 16 20		* 22 26		
* 9 6	17 13	* 27 23	9 6	* 20 24	* 22 17
2 9	19 24	20 24	26 31		10 14
18 15	15 11	23 19	6 2		17 10
9 18	6 15		23 27		7 14
15 31	13 6		32 23		24 20
	1 10		31 27		1 5
	11 7		23 19		19 16
	24 28				9 13
	7 2				16 7
	28 32				3 10
	27 24				18 9
	20 27				5 14
	31 24				20 16
	18 23				8 12
	26 19				16 11
	32 27				14 18
					11 7
					10 14
					7 2
					23 27
					32 23
					18 27
					2 6
					27 31
					6 9
					14 18
					9 14
					18 23
					14 18
					23 27
					28 24
					27 32
					24 19
					32 27
					21 17
					13 22
					18 25
					31 26
					30 23
					27 18
					25 21
					18 22
					19 15
W. Bowen	B. Dunne	D. MCFARLANE	D. DONALDSON	W. Crawford	D. Bowen
421	422	423	436	436	437

## CROSS.

725	726	727	728	729	730
* 24 19	* 21 17	* 20 16	* 18 22	* 20 16	31 26
14 21	6 10	2 7	25 18	19 23	10 14
20 16	15 6	11 2	16 11	26 22	26 22
7 14	1 10	1 5	23 27	14 10	22 18
16 11	16 11	2 9	25 22	10 14	10 14
14 17	10 14	5 30	30 25	19 16	19 16
11 4	11 8	27 24	22 18	28 24	28 24
18 23	13 17	19 23	25 22	18 22	18 22
4 8	8 4	20 16	18 14	24 20	24 20
15 18	19 23	12 19	22 18	16 11	16 11
22 15	26 19	24 15	14 9	14 10	14 10
17 22	17 22	30 26	A 18 15	23 19	23 19
25 18	4 8	28 24	11 7	10 14	10 14
21 25	22 29	23 27	12 16	11 7	11 7
30 21	8 11	24 20	7 2	14 17	14 17
23 30	18 22	26 23	27 31	22 18	22 18
15 10		15 11	2 6	17 14	17 14
30 25		23 19	31 27	18 23	18 23
8 11			9 5	9 6	9 6
25 22			27 23	19 15	19 15
18 15			5 1	6 2	6 2
19 23			23 18	7 3	7 3
28 24			6 9	2 6	6 6
22 18			16 20	16 20	16 20
24 19			1 6	1 6	1 6
9 14			15 19	15 19	15 19
10 6			6 10	6 10	6 10
1 10			20 24	20 24	20 24
15 6			10 14	10 14	10 14
14 17			18 23	18 23	18 23
21 14			14 10	14 10	14 10
18 2			24 27	24 27	24 27
11 15			10 14	10 14	10 14
			27 31	27 31	27 31
			14 10	14 10	14 10
			730 31 27	730 31 27	730 31 27
			9 6	9 6	9 6
			23 18	23 18	23 18
			731 6 9	731 6 9	731 6 9
D. Janvier.	W. Bowen	D. Bowen	B. Bowen	D. Bowen	D. Martin.
499	476½	481	481	481	729

(A) Same as Suter  
in Martin's Fifth,  
game C, at 33.

CROSS.

133

## CROSS.

736	737	738	739	740	741
11 27				* 16 19	* 10 15
31 24	* 24 20	11 8	14 10	17 14	17 14
13 22	7 11	18 15	19 15	19 23	30 25
25 9	30 26	7 3	10 6	13 9	23 26
1 5	11 15	15 11	3 8	15 18	25 21
20 11	19 16	8 4	6 2		26 22
5 14	12 19	19 23	8 11		21 17
24 19	23 16	3 8	2 6		
14 18	15 19	11 7	12 16		
21 17	16 11	8 12	6 1		
	10 15	23 26	15 18		
	26 22	4 8	13 9		
	14 18	7 2	7 10		
	22 17	8 11			
	18 22	26 30			
	25 18	11 15			
	15 22	30 25			
	17 14				
	22 25				
	21 17				
	25 30				
	11 7				
	3 10				
	14 7				
	30 25				
	20 16				
	25 22				
	16 11				
	22 18				
738	17 14				
	18 9				
	7 2				
	19 23				
D. Dennison	D. Kirkwood	B. Kirkwood	B. Bowen	B. MCFARLANE	B. Bowen.
735	439	737	474	474	474

## CROSS.

135

742	743	744	745	746	747
	* 25 22		* 7 11		
14 9	14 9	* 14 18	746 23 18	6 2	6 2
21 14	6 10	21 17	26 23	12 16	10 15
9 18	9 5	18 23	19 15	19 12	2 6
	22 18	17 14	23 14	26 19	15 11
	5 9		15 8	2 6	8 4
	10 14		14 10	19 15	3 7
	9 6	747 6 1		6 2	
	18 15		10 7	15 18	
	6 1		8 4	2 6	
	15 10		7 11	18 14	
			1 6	6 1	
			12 16	14 10	
			6 10	1 5	
			16 19	11 15	
			10 14	20 16	
			19 24	3 7	
			14 18		
			24 28		
			18 23		
			11 15		
			23 27		
			28 32		
			27 24		
			32 28		
			24 27		
			28 24		
			27 23		
			15 11		
			23 18		
			24 19		
D. Bowen	B. Bowen	D. Bowen	B. Bowen	B. MCFARLANE	B. MCFARLANE
474	501	501	439	745	745

748	749	750	751	752	753
* 18 11	* 3 8	10 7	* 3 7	15 19	27 24
12 16	9 6	14 21	753 } 24 15	10 19	7 10
19 12	8 11	7 3	754 } 18 15		24 15
10 15	6 2	1 6	755 }		10 19
11 8	11 16	3 7	756 }		32 27
14 18		16 20	757 }	9 13	3 7
8 4		7 11	758 }	27 24	18 15
18 15		6 10		5 9	12 16
4 8		11 15		32 27	21 17
25 30		19 24		9 14	9 13
8 11		28 19		22 17	17 14
15 18		12 16		13 22	16 20
11 15		19 12	759	25 9	22 18
18 22		10 19		6 13	7 11
24 19		27 23	760	30 25	25 21
30 26		19 24	761	7 11	11 16
19 16		23 19		26 22	26 23
26 31		24 27		11 18	19 26
27 23		19 16		22 15	30 23
				2 7	13 17
				25 22	28 24
				1 6	8 12
				31 26	15 11
				12 16	17 22
			762	29 25	21 17
				16 20	6 9
				22 18	24 19
				7 10	1 6
				18 14	17 13
				10 17	6 10
				21 14	14 7
				13 17	9 14
			763	25 21	18 9
				3 7	5 14
				14 9	19 15
				6 13	22 25
				21 14	29 22
				13 17	4 8
				15 10	11 4
					2 25
					4 8
					25 30
					8 11
					14 17
					27 24
D. Hefter.	B. Hefter.	D. Wilder.	B. Hefter.	D. Bertie.	D. Fleming.
223	223	570	254	0	752

## CROSS.

137

754	755	756	757	758	759
21 17	18 14	22 17	766 22 17	772 27 24	26 10
9 13	9 18	7 11	767 } 27 24	9 14	7 14
17 14	22 15	27 23	768 } 5 9	22 17	31 26
8 11	7 10	11 15	769 } 17 13	5 9	3 7
27 24	25 22	18 11	770 } 3 7	same as 757	25 22
19 23	5 9	8 15	771 1	at 5.	7 10
26 19	29 25	23 16	25 22		22 17
11 16	9 13	12 19	14 18		12 16
764 25 21	22 18	32 27	22 17	774 17 13	
16 23	3 7	4 8	771 1 5		16 20
14 9	25 22	25 22	17 14		13 9
5 14	7 11	2 7	10 17		6 13
18 9	21 17	17 13	21 14		15 6
	1 5	9 14	18 22		2 9
	27 23	22 17	26 17		24 15
765 2 7	7 10	9 18			8 11
	23 16	29 25	17 14		15 8
	11 20	8 12	18 22		4 11
	32 27	27 24	30 25		26 22
	10 19	5 9	22 26		11 15
	27 24	26 23	31 22		28 24
	20 27	19 26	6 9		1 5
	31 15	30 23	13 6		30 25
	8 11	15 19	2 18		14 17
	15 8	24 15	15 10		21 14
	4 11	10 26	7 14		9 18
	28 24	31 22	24 15		25 21
		12 16	18 23		18 25
		17 10	15 10		29 22
		6 15	23 26		5 9
		13 6	25 21		21 17
		1 10	26 30		15 18
		22 17	10 7		22 15
					13 22
					24 19
					9 14
					27 23
					22 26
					19 16
					26 31
					23 19
					31 27

D. Bertie.	D. Bertie.	D. Robertson	D. Bowen.	D. Bowen.	D. Bertie.
752	752	752	752	752	752

	760	761	762	763	764	765
D.	Bertie.	D. Drum'nd.	D. Bertie.	D. Bertie.	B. Bertie.	W. Bertie.
		1 6				12 16
	29 25	26 22	24 20	25 22	31 26	30 25
775	7 11	7 11	7 10	17 21	16 23	5 9
	26 22	31 26	20 11	14 10	26 19	17 14
	11 18	11 18	19 24	776 8 11	6 10	
	22 15	22 15	27 20	10 1	30 26	
	12 16	2 7	10 19	11 25	10 17	
	25 22	25 22	11 7	24 15	25 21	
	16 20	12 16	3 10	25 30	1 6	
	30 26	24 20	20 16	27 23	21 14	
	1 6	7 10	10 14		6 10	
	22 18	20 11	29 25	777	29 25	
	3 7	19 24	8 12		10 17	
	18 14	27 20	16 11		25 21	
	7 10	10 19	6 10		2 6	
	14 7	11 7	11 7		21 14	
	2 18	3 10			6 10	
	24 15	20 16			19 16	
	18 22	10 14			10 17	
	26 17	29 25			18 14	
	13 22	8 12			12 19	
	15 11	16 11			24 15	
	8 15	6 10			17 21	
	31 26	11 7			22 18	
	22 31	19 23			21 25	
	21 17	26 19			26 23	
	31 24	14 17			25 30	
	28 1	21 14			14 9	
	4 8	10 26			5 14	
		25 21			18 9	
		26 31			30 26	
		28 24			23 18	
		31 27			26 22	
		24 20			18 14	
		27 24			22 17	
		19 15			15 10	
		24 19			17 22	
		15 10			28 24	
					13 17	
D.	Bertie.	D. Drum'nd.	D. Bertie.	D. Bertie.	B. Bertie.	W. Bertie.
752		752	752	752	754	755

## CROSS.

139

766	767	768	769	770	771
27 24	25 22	17 13	14 18	2 7	9 14
5 9	8 11	12 16	21 17	25 22	13 9
22 17	15 8	27 24	25 21	24 20	15 6
14 18	4 11	16 20	788 12 16	8 11	1 10
17 14	27 24	32 27	13 9	15 8	24 6
9 13	11 15	5 9	6 22	4 11	2 9
32 27	32 27	25 22	15 6	31 27	26 3
7 11	3 7	14 18	2 9	10 15	
24 20	782 } 29 25	22 17	26 10	27 23	
778 3 7	783 } 5 9	10 14	19 23		
26 23	17 13	17 10	21 17		
19 26	7 11	18 23			
30 23	784 27 23	27 18			
779 1 5	2 7	20 27			
780 31 26	23 16	31 24			
781 12 16	785 11 27	8 11			
15 10	31 24	15 8			
6 15	786 15 19	6 31			
21 17	24 15	13 6			
13 31	10 19	2 9			
25 21	26 23	24 15			
31 24	19 26	4 18			
28 3	30 23				
18 27	6 10				
3 19	13 6				
	14 18				
	22 15				
	10 26				
	6 2				
	7 11				
D Strickland	D. Fraser	B. Bertie	W. Bertie	W. Bertie	W. Bertie
757	757	757	757	757	757

CROSS.

772	773	774	775	776	777				
D.	King.	B.	Smith.	B.	Bertie.	D.	Bertie.	B.	Bertie.
				1 6	21 25			32 27	
22 18	22 18	24 20	25 22	10 1		10 17			
3 7	14 23	14 18	7 11	25 30			18 14		
25 22	31 27	20 11	30 25	1 6			2 6		
7 11	5 9	18 22	11 18	30 32			6 9		
27 23	27 18	17 14	24 15	15 10	790	27 23			
9 14	12 16	10 17	2 7	20 27			22 18		
23 7	24 20	21 14	26 23	10 7			17 22		
14 23	9 13	22 31	7 10	3 10			26 17		
26 19	20 11	27 24	23 7	6 31			13 22		
2 25	6 9	31 27	3 19				19 15		
29 22	15 6	24 20	31 26				22 26		
8 11	8 31	27 23	8 11				15 10		
30 26		20 16	22 18				7 11		
5 9		8 12	11 16				23 19		
32 27			18 14				26 31		
11 15			16 20				24 20		
27 24			25 22				31 26		
9 14			4 8				10 6		
26 23			22 18				26 22		
6 9			8 11				21 17		
21 17			27 23				14 21		
14 21			12 16				23 18		
23 18			14 9				21 25		
21 25			6 10				18 11		
18 11			18 14				10 14		
30 26			10 17				25 30		
25 30			21 14				26 23		
26 23			11 15				30 26		
30 26			14 10				22 18		
22 18			13 17						

## CROSS.

141

778	779	780	781	782	783
12 16	12 16		13 17		
14 10	15 10	28 24	28 24	26 23	27 23
2 7	6 15	11 16	6 9	19 26	5 9
26 23	21 17	20 11	791 25 22	30 23	23 16
7 14	13 22	7 16	18 25	7 11	12 19
30 26	31 26	14 10	29 6	29 25	17 13
6 9	22 31	6 9	2 18	5 9	792 1 5
15 10	25 21	23 14	23 14	17 13	
11 15	31 24	9 18	11 18	1 5	
20 11	28 3	25 22	24 19	22 17	
18 22	18 27	18 25	7 11	15 18	
25 18	3 19	29 22	19 15	24 19	
15 22		16 19	18 22	11 15	
23 16		24 20		28 24	
8 15		19 24		2 7	
26 17		20 16		31 26	
13 22		12 19		7 11	
28 24		27 20		26 22	
14 18		19 24		11 16	
24 19		22 18		24 20	
15 24		24 28			
27 20		20 16			

D. Strickland	D. Strickland	D. Strickland	D. Strickland	D.	Fraser.	D.	Bertie.
766	766	766	766	767		767	

## CROSS.

	784	785	786	787	788	789
		12 19	14 18	1 5	3 7	7 11
	26 23	26 23	24 20	32 27	13 9	22 17
	19 26	19 26	9 14	12 16	same as 771	
	30 23	30 23	28 24	25 21	at 2.	
	2 7	1 5	1 5	16 20		
	24 19	23 19	13 9	26 23		
	15 24		6 13			
793	28 19		24 19			
	11 15		15 24			
	22 17		22 6			
	15 24					
	27 20					
	7 11					
	31 26					
	1 5					
	25 22					
	11 15					
	20 16					
	12 19					
	23 16					
	14 18					
	17 14					
	10 17					
	21 14					
	18 25					
	14 10					
	9 14					
B.	Fraser.	W. Fraser.	D. Fraser.	W. Bertie.	W. Bertie.	W. Bertie.
	767	767	767	769	769	770

## CROSS.

143

790	791	792	793	794	795
22 18	15 10	21 17	27 20	849 18 11	22 18
17 22	9 13	14 21	11 15	8 15	15 22
26 17	10 3	22 18	23 19	795 22 17	25 9
13 22	18 22	24 8	15 24	4 8	5 14
27 23	25 18	9 14	28 19	25 22	26 22
6 9	11 16	26 17	7 11	8 11	4 8
19 15	20 11		31 27	796 29 25	27 23
same as 777 at 11.	8 31		11 15	11 16	14 18
	29 25		27 24	17 13	23 14
	31 26		14 18	16 19	10 26
	23 19		22 17	24 20	30 23
	17 22		18 23	7 11	8 11
	25 18		20 16	27 24	29 25
	26 23		23 27	5 9	7 10
	24 20		16 11	22 17	25 22
	23 32		27 31	3 7	6 9
	19 15		11 7	797 } 31 27	24 19
32 27 3 8 4 11 15 8 27 23 8 4	1 5		798 } 12 16		9 13
	7 2				28 24
	31 27		799 }		11 15
	2 7		800 } 25 22		31 27
	27 20		801 }		1 5
	7 14				21 17
	15 24		802 1 5		5 9
	14 18		803 } 27 23		23 18
	20 16		804 } 14 18		3 7
					18 11
805			23 14		7 23
			9 25		27 18
			26 22		12 16
			25 29		32 28
			22 18		16 20
			15 22		24 19
			24 8		20 24
			29 25		18 15
			20 11		9 14
			7 16		15 6
			8 3		14 21
			16 19		6 1
			3 8		24 27
			19 23		22 18
			8 11		27 31
			22 26		18 15
B. Bertie. D. Strickland W. Fraser. B. Fraser. D. Strickland D. MCFARLANE			17 14		31 27
			10 17		19 16
			21 14		27 23
					16 11

B.	Bertie.	D. Strickland	W.	Fraser.	B.	Fraser.	D. Strickland	D. MCFARLANE
777	781	783		784		0	794	

## CROSS.

796	797	798	799	800	801
26 23	806 } 1 5 807 } 27 23	11 16 20 11 7 16	27 23 1 5	26 22 1 5	26 23 19 26
6 9		814 } 25 22 815 }	821 32 27 14 18 23 14	22 18 14 23 27 18	30 23 1 5 25 22
17 13		816 } 2 7 817 } 27 23	822 } 9 18 823 } 17 14 10 17	15 29 24 8	14 18 23 14
14 17	808 14 18	818 1 5	21 14	29 25	9 25
13 6	809 23 16	819 } 24 20	18 23	7 16	15 18
17 26	12 19	820 } 820½ }	27 18	8 3	23 14
31 22		10 17	15 31	16 19	25 30
2 9	810 }	7 11			
23 19	811 } 17 14	30 25	24 8	3 8	32 27
9 13	812 }	19 24	31 27	25 22	30 25
27 23	813 }	14 10	20 11	8 11	
5 9		28 19	7 16	22 18	
30 25		7 14			
1 5		15 24			
21 17					
9 14					
25 21	20 16				
14 18	11 27				
23 14	28 24				
11 16	19 28				
22 18	26 1				
15 22	27 31				
19 15	13 6				
10 19	2 9				
24 15	1 6				
22 26	9 13				
15 11	25 22				
13 22	14 17				
11 2	22 18				
3 8	17 22				
2 6	18 14				
8 11					
14 10					
11 15					
10 7					
15 19					
6 10					
19 24					
28 19					
16 23					
10 15					
26 31					
7 2					
22 26					
29 25					
D.	Rule.	D.Strickland	D.Strickland	D.Strickland	B.Strickland
794		794	794	794	794

## CROSS.

145

802	803	804	805	806	807
14 18			19 23		
26 23	30 25	26 23	24 19	26 22	25 22
18 25	14 18	19 26	15 24	19 23	14 18
23 18	824 17 14	30 23	28 12	27 18	27 23
15 22	10 17	14 18	11 15	14 23	18 25
24 8	21 14	same as 801	12 8	24 19	23 16
25 29	6 10	at 6.	5 9	15 24	12 19
20 11	13 6		8 3	28 19	26 22
7 16	2 9		825 9 14	23 27	19 23
8 4	22 17		20 16	32 23	
29 25	9 13		25 29	11 15	
4 8	26 22		22 18	20 16	
9 14	19 23		15 22	15 24	
8 11	24 19		30 25	30 26	
16 20	15 31		14 18	12 19	
28 24	22 8		17 14	23 16	
25 29	13 29		10 17	24 27	
24 19	20 2		3 1	826 } 22 18	
29 25	10 17		22 26	27 31	
19 16			21 14	827 } 25 22	
25 29			29 22	7 11	
16 12				16 7	
29 25				2 11	
12 8				17 14	
25 29				10 17	
8 3				21 14	
				11 15	
				18 11	
				9 25	
B. Kirkwood	B. Strickland	B. Strickland	D. Strickland	B. Strickland	B. Strickland
794	794	794	794	797	797

808	809	810	811	812	813
12 16					
32 27	23 14	20 16	26 22	32 27	26 23
same as 799	9 18	11 27	9 14	9 14	19 26
at 3.	828 } 17 14	32 16	20 16	26 23	30 14
	829 } 10 17	7 11	11 27	19 26	9 18
		21 14	16 7	30 23	24 19
	830 18 23	2 11	7 11	5 9	15 24
	831 20 16	17 14	16 7		28 19
	11 27	10 17	2 11		11 15
	28 24	21 14	30 26		19 16
	19 28	18 22	11 16		7 11
	26 1	26 17	28 24		16 7
	27 31	14 23	16 19		2 11
	13 9	17 14	24 20		32 28
	12 16	18 22	18 23		15 19
	1 6	25 18	20 16		17 14
	16 19	15 22	23 30		
	6 10	28 24	16 11		
	7 11	11 16	19 24		
	10 7	24 20	11 7		
	11 16	16 19	24 28		
	7 11	20 16	7 3		
	19 24	22 26	28 32		
	11 27	30 23	3 8		
	31 24	19 26	32 27		
	25 22		8 3		
	24 19		27 24		
	22 17		3 8		
	19 15		24 20		
	17 13		8 3		
	15 18		20 16		
D.Strickland	D.Strickland	B.Strickland	B.Strickland	B.Strickland	D.Strickland
797	797	797	797	797	797

## CROSS.

147

814	815	816	817	818	819
		14 18	1 5	7 11	
24 20	27 23	17 14	24 20	32 27	30 25
19 24	15 18	18 25	19 24	1 5	837 14 18
20 11	24 15	14 7	20 11	30 25	23 14
24 31	10 19	2 11	24 31		9 18
26 22	17 10	21 17	26 23		838 24 20
31 26	18 27	832 16 20	834 } 15 19		7 11
30 23	32 23	30 21	835 } 23 16		17 14
15 18	6 15	833 11 16			10 17
22 15	13 6	26 22	12 19		21 14
	1 10	1 5	11 8		21 14
	25 22	22 18	2 7		18 23
	16 20	15 22	8 3		25 21
	23 16	24 15	7 11		23 30
	12 19	22 26	3 7		22 17
	26 23	17 14	11 15		15 18
	19 26	9 18	30 26		14 9
	30 23	27 24	836 15 18		5 14
		20 27	22 15		17 1
		32 14	20 27		19 24
			31 22		
			28 24		
			19 28		
			7 11		
			10 19		
			17 1		
			9 14		
			1 6		
			14 18		
			6 10		
			18 23		
			11 15		

D.Strickland	D.Strickland	WStrickland	WStrickland	WStrickland	D.Strickland
798	798	798	798	798	798

## CROSS.

820	820 $\frac{1}{2}$	821	822	823	824
22 18	32 27	26 22	26 22	26 23	27 23
15 31	14 18	19 26	19 23	19 26	18 27
24 15	23 14	30 23	24 19	30 14	32 23
10 26	9 25	14 18	15 31	15 18	9 14
17 1	17 14	23 14	22 8		22 18
9 14	10 17	9 18	31 27		15 31
30 23	839 } 21 14	24 19	20 11		24 8
31 26	840 } 25 29	16 23	7 16		31 26
1 6	24 20	28 24	8 3		20 11
26 19	841 7 10	11 16	16 20		26 19
6 10	14 7	20 11	3 8		
	6 10	7 16	10 15		
	20 11	24 20	8 11		
	19 23	16 19	5 9		
			11 18		
			20 24		
			28 19		
			27 31		
			18 27		
			31 15		
			842 17 14		
			9 18		
			21 17		
			18 23		
D.Strickland	D Strickland	B.Strickland	B. Janvier	B.Strickland	B.Strickland
798	798	799	799	799	803

## CROSS.

149

825	826	827	828	829	830
25 29					12 16
30 25	26 23	16 12	26 22	26 23	32 27
15 19	27 31	27 31	12 16	18 27	18 23
20 16	23 19	12 8	32 27	32 16	same as 799
9 14	31 26	7 11	19 23	12 19	at 10.
3 8	16 12	843	26 23 same as 822	25 22	
23 27	7 11	31 26	at 2.	19 23	
32 23	22 18	23 18		24 19	
19 26	26 22	26 23		15 24	
8 12		8 3		28 19	
26 30		23 14		11 15	
16 11		3 7		19 16	
		11 15		7 11	
		7 11		16 7	
		14 18		2 11	
D.Strickland	B.Strickland	B.Strickland	B.Strickland	B.Strickland	D.Strickland
805	806	806	809	809	809

## CROSS.

831	832	833	834	835	836
	25 29	12 16	31 26	31 27	19 24
26 22	27 23	26 22	23 19	23 19	28 19
6 9	1 5	19 23	15 24	15 24	15 24
13 6	32 27	27 18	28 19	28 19	26 23
2 18	15 18	20 27			
22 17	23 14	32 23			
12 16	9 18	15 19			
17 13	24 8	17 14			
7 10	18 22	19 26			
25 22	26 23	14 5			
18 25	22 26	26 30			
	23 18	22 17			
	26 31				
	17 14				
B.Strickland	WStrickland	WStrickland	WStrickland	WStrickland	WStrickland
809	816	816	817	817	817

## CROSS.

151

837	838	839	840	841	842
16 20		16 20	6 10	7 11	
23 16	17 14	30 21	30 21	27 24	30 26
12 19	10 17	6 10	10 17	5 9	2 7
32 27	21 14	21 17	21 14	14 5	845 17 14
14 18	18 23	5 9	16 20	6 10	9 18
17 14	844 22 17	14 5	26 22	5 1	846 26 22
10 17	23 30	7 11	12 16	10 14	15 19
21 14	24 20	27 23	22 18	1 6	22 15
7 11	30 21		15 22	14 18	19 10
14 10	20 2		24 15	6 10	21 17
18 23	6 10		22 26		7 11
27 18	14 7		13 9		25 21
20 27	21 14		26 30		6 9
10 1			9 6		13 6
9 14			30 26		1 10
18 9			6 2		17 14
5 14			7 10		1 6
1 6			14 7		21 17
			26 22		11 16
			2 6		
WStrickland	D.Strickland	WStrickland	WStrickland	WStrickland	B.Strickland
819	819	820 $\frac{1}{2}$	820 $\frac{1}{2}$	820 $\frac{1}{2}$	822

843	844	845	846	847	848
8 3	24 20	26 23	21 17	17 10	26 22
11 15	23 30	7 10	15 10	18 11	5 14
26 23	20 2	25 22	848 25 21	13 9	10 15
9 14	30 21	9 14	6 9		17 14
3 8	2 9	22 18	13 6		15 19
31 26	21 17	15 22	10 1		
8 11	22 18	23 19	17 14		
26 19	847 15 22	22 18	1 6		
11 9	32 27				
5 14					
B.Strickland	D.Strickland	B.Strickland	B.Strickland	D.Strickland	B.Strickland
827	838	842	842	844	846

## CROSS.

153

849	850	851	852	853	854
	12 16				
18 9	24 19	25 22	24 19	26 22	25 22
5 14	16 23	18 25	11 16	14 17	18 25
22 17	27 9	29 22	17 13	21 14	29 22
850 8 11	6 22	4 8	4 8	10 26	14 18
26 23	25 11	23 18	31 26	31 22	23 14
15 18	8 15	14 23	16 20	6 10	10 17
851 } 24 20	856 29 25	27 18	25 22	23 14	21 14
852 } 4 8	15 19	6 9	18 25	10 26	6 9
30 26	25 22	17 13	29 22		
11 15	4 8	10 14	8 11		
17 13	22 18	13 6	858 19 16		
8 11	2 6	14 23	12 19		
28 24	26 22	31 27	23 16		
853 } 1 5	8 12	2 9			
854 } 32 28	21 17	27 18			
5 9	3 8	7 10			
26 22	18 14	21 17			
3 8	8 11	9 13			
23 19	31 27	30 26			
18 23	11 16	12 16			
27 18	22 18	24 20			
14 23	19 23	10 15			
22 17	28 24	32 27			
23 27	16 20	1 6			
31 26	24 19	857 27 23			
855 27 32	1 5				
26 22	17 13				
32 27	10 17				
22 18	18 15				
15 22	17 22				
25 18	27 18				
27 23	22 26				
18 15	30 23				
23 16	20 24				
29 25	18 14				
10 19	24 27				
24 15	32 28				
11 18	27 31				
20 4	28 24				
18 23	31 27				
25 22	15 10				
	27 9				
	10 3				
	9 14				
	3 7				
	14 18				
D. Bertie.	D. Wyllie.	D. Janvier.	D. Bowen.	B. Bertie.	B. Bertie.
794	849	849	849	849	849

## CROSS.

855	856	857	858	859	860
27 31				4 8	
26 22	21 17	27 24	22 17	29 25	17 13
31 26	859 15 19	3 7	11 16	8 11	19 23
22 18	29 25	18 14	26 22	25 22	26 19
15 22	4 8	15 18	7 11	15 19	10 15
25 18	25 22	22 15	28 24	22 18	19 10
26 22	8 11	13 31	11 15	2 6	6 22
	22 18	15 10	23 18	same as 856	13 9
	2 6	6 15	14 23	at 8.	11 15
860	26 22	14 9	27 11		28 24
	10 15	31 26	16 23		7 11
17 13		9 6			32 27
7 10		26 22			11 16
18 14		6 2			27 23
10 26		22 17			16 20
30 7		2 6			23 18
3 10		17 13			20 27
31 26		6 1			31 24
10 14		13 9			1 5
26 23		1 5			18 11
14 17		9 6			5 14
23 19		5 1			24 19
15 24		6 10			
28 19		1 5			
17 22		15 18			
19 16					
22 26					
16 11					
26 31					
11 7					
D. Bertie.	D. Martin.	B. Janvier.	B. Wyllie.	D. Drinkwater	D. Bremner.
849	850	851	852	856	856

## CROSS.

155

861	862	863	864	865	866
22 17	18 14	24 20	30 26	32 27	17 14
15 22	13 22	16 19	16 19	1 6	16 19
25 18	26 17	23 16	24 15	871 18 14	23 16
9 23	11 15	8 12	10 19	6 10	12 19
862 26 22	868 24 19	869 30 26	23 16	23 18	32 27
863 } 12 16	15 24	12 19	11 20	2 6	5 9
864 } 24 19	28 19	17 14	32 27	27 24	14 5
8 12	8 11	10 17	8 11	16 19	19 23
30 26	29 25	21 14	26 23	24 20	26 10
10 15	6 9	6 10	6 10	12 16	7 32
19 10	31 27	29 25	31 26	31 27	22 18
6 15	9 18	10 17	10 15	3 8	11 16
865 } 18 14	23 14	25 21	870 18 14	27 23	18 15
866 } 2 6	11 15	19 23	15 18	6 9	16 20
14 10	27 24	26 19	22 8	29 25	15 11
7 14	15 18	17 26	13 31	8 12	32 27
17 10	24 20	31 22	8 4		31 24
15 19	1 6	11 15	31 24		20 27
32 27	32 27		28 19		
6 15	3 8		20 24		
867 21 17	17 13		29 25		
1 6	10 17		24 27		
29 25	21 14		25 22		
3 7	6 10		27 31		
25 21	25 21		22 17		
6 9	10 17		31 27		
23 18	21 14		23 18		
7 10	18 22		3 8		
17 14	13 9				
10 17	8 11				
21 14	27 23				
16 20	11 16				
	20 11				
	7 16				
	19 15				
	16 19				
	23 16				
	12 19				
B. Dick.	B. Dick.	B. Dick.	B. Dick.	B. Dick.	B. Dick.
1	861	861	861	861	861

B.	Dick.	B.	Dick.	B.	Dick.	B.	Dick.	B.	Dick.	B.	Dick.
867		868		869		870		871		872	
		27 24		32 27		29 25		29 25		17 14	
		3 8		6 9		12 19		7 10		6 9	
872		29 25		29 25		17 14		18 14		27 24	
		1 6		9 18		10 26		2 7		16 19	
		31 27		23 14		30 16		23 18		23 16	
		6 9		1 6		6 10		1 6		11 27	
873		21 17		25 22		28 24	874	26 23		31 24	
		15 18		12 16		13 17		6 9		12 16	
		23 14		24 20		21 14		28 24		18 11	
		9 18		8 11		10 17		3 8		9 25	
		24 15		27 23		25 22		23 19		29 22	
		16 19		6 9		17 26		8 12		16 20	
		17 14		23 18		31 22					
		11 16		9 13		1 6					
		27 24		31 27		16 12					
		16 20		3 8		6 10					
		15 10		27 23		32 28					
		20 27		16 19		5 9					
		22 15		23 16							
		27 31		8 12							
		25 22									
		12 16									
		10 7									
		8 12									
B.	Dick.	B.	Dick.	B.	Dick.	B.	Dick.	B.	Dick.	B.	Dick.
861		862		863		864		865		867	

## CROSS.

157

873	874	875	876	877	878
23 18	27 23	961 } 10 14 962 } 22 17	11 7	19 16	19 23
9 14	6 9	15 22	2 11	26 31	10 15
18 9	23 19	17 10	8 24	16 11	23 30
5 14	15 24	6 15	25 22	31 27	15 19
24 20	28 19	25 18	24 19	11 7	17 14
14 18	20 24	15 22	23 26	9 14	9 18
21 17	18 15	26 17	877 } 28 24 878 } 26 30	879 28 24	21 17 6 10
19 24		11 15		27 20	
28 10		29 25	24 20	7 2	
16 19		7 10	22 26	6 9	
22 15		17 13	19 16	13 6	
13 31		9 14	26 23	22 13	
		25 22	16 11	6 1	
		4 8	23 19	10 15	
		30 26	11 15	2 6	
		8 11	19 16		
		32 27			
		3 7			
		22 18			
		15 22			
		26 17			
		1 6			
		24 19			
		11 15			
		27 24			
		7 11			
		31 26			
		15 18			
		19 15			
		18 27			
		15 8			
		12 16			
		8 3			
		27 31			
		26 22			
		31 26			
		3 8			
		26 30			
		24 20			
		16 19			
		20 16			
		5 9			
		16 11			
		30 25			
		22 18			
		14 23			
		876 17 14			
B.	Dick.	B.	Dick.	D.	Wyllie.
867		870		1	875
					876
					876

## CROSS.

879	880	881	882	883	884
7 2	28 24	3 7	9 13 919 24 20	31 27	29 25
22 18	23 18	19 15	6 9	12 16	11 16
2 9	24 20	28 24	32 27	18 14	20 11
18 23	18 15	14 9	3 8	9 18	7 23
9 18	10 7	24 20	27 24	23 14	26 19
23 14	9 5	9 5	1 6	10 17	8 11
13 9	7 2	same as 880	883 23 19	21 14	25 22
14 5	15 10	at 6.	9 14	6 9	2 6
17 14	20 16		18 9	26 23	30 26
10 17	10 6		5 14	9 18	6 9
21 14	2 9		22 17	23 14	26 23
27 23	5 14		13 22	16 19	9 14
14 10			25 9	30 26	31 26
5 9			6 13	8 12	4 8
880 10 7			884 26 23	27 23	24 20
23 19			11 16	2 6	15 24
7 3			20 11	23 16	28 19
9 14			7 16	12 19	11 15
881 3 8			30 25	25 21	19 16
19 15			885 8 11	6 9	12 19
28 24			25 22		23 16
14 10			886 16 20		8 12
24 20			29 25		16 11
10 7			20 27		14 18
20 16			31 24		
7 3			2 6		
16 12			23 18		
3 7			11 16		
8 4			18 11		
15 11			16 23		
			11 7		
			23 26		
			7 2		
			6 9		
			2 7		
			10 14		
			7 11		
			26 31		
			24 20		
			31 27		
			11 15		
B. Wyllie.	B. Wyllie.	B. Wyllie.	D. Woodman	B. Woodman.	B. Woodman.
877	879	879	1	882	882

## CROSS.

159

885	886	887	888	889	890
16 20	2 6	11 15	9 13	7 11	9 14
21 17	24 20	20 11	18 14	26 23	18 9
20 27	15 24	15 24	13 22	10 14	5 14
31 24	28 19	11 7	14 7	23 19	24 19
13 22	887	6 9	22 26	14 23	15 24
25 11	22 18	7 2	7 3	19 10	28 19
8 15	10 14	10 14	26 31	6 15	3 7
29 25	29 25	2 6	3 8	27 18	30 26
4 8	4 8	24 28	31 27	890 12 16	7 10
25 22	31 26	6 10	8 15	21 17	26 23
2 6			27 24	16 19	11 15
23 18			20 16	17 14	22 18
8 11			24 20	891 3 7	15 24
24 20			15 11	30 26	18 9
15 24			20 24	1 6	1 5
28 19			19 15	32 27	32 28
6 9			12 19	9 13	5 14
22 17			11 16	892 } 24 20	28 19
888	11 15			892 } 6 10	8 11
18 11				893 }	25 22
9 13					11 15
				894 } 27 23	29 25
				895 } 10 17	15 24
				23 16	
				896 7 10	
				16 7	
				897 } 2 11	
				898 } 18 14	
				17 21	
				14 7	
				21 30	
				7 3	
				30 23	
				3 12	
				23 19	
				12 8	
				19 23	
				8 3	
				23 26	
				3 7	

D. Bowen	W.Woodman	W.Woodman	W Woodman	D.Strickland	D.Strickland
882	882	886	885	0	889

891	892	893	894	895	896
9 13	8 12	6 9			17 21
24 20	25 21	27 24	25 21	27 24	16 12
13 17	6 9	8 12	10 17	10 17	21 30
22 13	27 23	25 21	21 14	25 21	12 3
15 22	13 17	11 16	13 17	8 12	30 14
25 18	22 6	20 11	22 13	21 14	
11 16	15 22	7 16	15 22	12 16	
20 11	23 16	18 11	26 17	22 17	
8 22	12 19	9 25	19 23	13 22	
32 27	26 17	24 15	27 18	26 17	
2 6	2 18	25 30	11 16	15 22	
30 26	899	29 25	26 23	20 11	24 8
6 9	4 8	16 19			
26 17	17 14	23 16			
9 18	11 15	12 19			
27 23	21 17				
18 27	19 23				
D-Strickland	D-Strickland	D-Strickland	D-Strickland	D-Strickland	WStrickland
889	889	889	889	889	889

## CROSS.

161

897	898	899	900	901	902
26 23	25 21	17 14	27 24	* 21 17	6 10 19 15
17 26	10 14	18 22	19 23	9 13	10 19
31 22	18 9	21 17	26 19	25 21	24 15
5 9	5 14	19 23	17 26	7 10	11 18
28 24	29 25	17 13		30 26	22 15
10 14	15 19	23 26		8 11	1 6
25 21	31 27	13 9		17 14	28 24
8 12	8 12	26 30		10 17	12 16
23 19	900 27 23	9 6		21 14	24 20
14 23	11 15	30 26		16 19	16 19
19 10	23 16	6 2		23 7	20 16
	12 19	26 23		3 17	2 7
	14 18	2 6		26 23	16 12
	21 14	23 18		17 26	14 18
	18 23	14 9		31 22	31 27
		5 14		6 10	7 10
		6 10		29 25	903 32 28
		14 17		1 6	904 } 9 13
		10 3		28 24	905 }
		18 15		6 9	906 } 26 22
				24 19	5 9
				2 7	27 24
				907	18 23
					24 20
					23 26
					20 16
					19 23
					16 11
					10 19
					11 4
					26 30
					4 8
					23 27
					8 11
					27 31
					11 15
					19 23
					22 17
					13 22
					25 18
					9 13
					18 14
					31 26
					908 29 25
					3 7
					28 24
					23 27
					24 20
					over
D.Strickland	B.Strickland	D.Strickland	B.Strickland	D. Janvier.	
889	889	892	898	274	

## CROSS.

	903	904	905	906	907						
D.	Hefter.	B.	Brown.	D.	Bowen.	W.	Wilder.	W.	Hefter.	D.	Hefter.
27	31			18	23	10	14	9	14	10	14
20	16	21	17	27	18	26	22	26	22	24	20
31	27	19	24	10	14	9	13	912	5	9	19
12	8	27	20	26	22	28	24	27	24	20	16
27	24	10	19	14	23	19	28	913	9	13	23
8	3	26	22	22	18	27	23	24	20	16	11
24	20	18	23	9	13	18	27	914	19	23	26
3	1	17	14	18	14	22	17	20	16	11	4
20	9	9	18	909	6	9	13	22	10	19	31
25	22	22	15	14	10	25	2	22	15	4	8
26	17	23	26	23	26	27	31	23	26	26	17
21	5	20	16	10	6	2	6	16	11	8	11
		26	30	26	39	31	26	26	30	17	22
		25	21	6	2	29	25	11	4	12	8
		30	26	13	17	26	23	30	26	3	12
		16	11	21	14	15	10	4	8	11	7
		19	23	910	30	21		26	23	22	26
		11	4		14	10		15	10		7
		23	27		21	17		6	15		
		32	23		10	6		8	11		
		26	10		17	22					
		4	8		6	1					
		10	15	911	22	18					
		29	25		15	10					
		5	9		8	11					
		25	22		10	7					
		9	13		3	10					
		8	4		2	7					
		15	11		10	14					
					7	23					
					18	27					
D.	Hefter.	B.	Brown.	D.	Bowen.	W.	Wilder.	W.	Hefter.	D.	Hefter.
626		902		902		902		902		902	

## CROSS.

163

908	909	910	911	912	913
	13 17	9 18	9 14	8 11	18 23
14 9	14 10	25 21	1 6	15 8	22 17
6 10	6 9	30 26	22 18	19 23	23 26
15 6	21 14	2 6	15 10	22 15	24 20
13 17	9 18	26 22	18 15	23 32	26 30
21 14	10 6	15 10	6 1	15 11	20 16
30 25	23 26	19 23	15 6	10 15	30 26
29 22	6 2	28 24	1 10	25 22	16 11
26 1	26 30	23 27	8 11	15 19	26 23
28 24	25 21	10 7	2 7	22 17	11 4
23 27	30 26	3 10		14 18	23 18
24 19	2 6	6 15		17 14	15 11
27 31	26 23	27 31		6 9	9 13
19 15	15 10	12 3		14 10	25 22
3 7		18 23		9 13	18 25
12 8		3 7		11 7	29 22
31 27					
9 5					
27 23					
8 3					
23 19					
3 10					
1 6					
10 1					
19 10					
B. Hefter.	W. Hefter.				
902	904	904	904	906	906

## CROSS.

914	915	916	917	918	919
13 17	* 13 17		2 6		
22 13	4 8	* 25 22	13 9	30 26	18 14
19 23	17 22	18 25	6 13	18 23	10 17
25 22	8 11	29 22	31 27	26 22	21 14
18 25	22 25	8 11	15 19	23 26	4 8
29 22	2 6	14 10	27 18	32 27	23 19
10 19	25 29	917 15 19	19 23	26 30	6 9
22 18	6 9	13 9	18 14	22 17	19 10
14 17	29 25	11 15	11 15	13 22	9 18
21 14	9 6	22 17	14 9	25 18	22 15
8 11	28 32	15 18	15 19	2 6	11 18
	6 9	17 14	9 6	21 17	26 22
	32 28	18 22	19 24	6 9	7 14
	9 6	9 5	6 2	27 23	22 15
	25 22	22 26	24 27	9 13	14 18
	6 9	31 22	22 18	18 14	24 19
	23 18	2 6	1 5	13 22	5 9
	11 16	20 16	2 6	14 7	28 24
	28 24	6 15	3 8	3 10	2 7
	16 11	16 11	10 7	23 18	920 31 26
	24 19	12 16	27 31	30 25	921 } 18 23
	9 6	22 17	6 10	18 15	922 }
	18 14	23 26	31 26	11 18	923 }
	11 7	30 23	7 2	31 26	924 25 22
	19 23	19 26	8 11	22 31	9 14
	6 2	11 7	2 6	29 6	29 25
	22 17	3 10	13 17	8 11	925 23 27
	2 6	14 7	10 14	6 2	32 23
	17 13		26 22	31 27	7 11
	6 2		14 21	19 16	15 10
	13 9		22 15	12 19	11 15
	12 8		21 25	2 7	25 21
	3 12		15 19	11 15	8 11
	7 3		25 22	7 11	926 24 20
	14 7		12 16	15 18	15 24
	3 10		22 18	11 15	22 18
	12 16		23 26	19 24	1 5
			30 23	15 22	18 9
			19 26	27 23	5 14
			6 10	20 16	26 22
					11 15
					10 6
					24 27
					6 1
					27 31
					1 6
					31 27
					6 9
W. Hefter.	B. Bowen.	D. Heffner.	W. Heffner.	D. Yates.	D. Orvis.
906	160	1	916	49	882

## CROSS.

165

920	921	922	923	924	925
	9 14	1 6	7 10		14 17
31 27	15 10	32 27	15 6	26 22	991 24 20
9 14	18 23	7 10	1 10	9 14	930 1 6
15 10	19 15	24 20	26 22	928 25 21	20 16
13 17	23 27	3 7	18 23	14 18	17 21
24 20	32 23	20 16	25 21	929 29 25	22 18
927 7 11	7 11	10 14	8 11	7 11	931 6 9
27 24	23 19	27 24	22 18	15 10	15 10
18 23	11 18	18 23	10 14	11 16	7 14
32 28	19 15	16 11	24 20	22 15	18 15
11 15	12 16	7 16	13 17	16 20 *993	3 7
20 16	24 20	24 20	19 15	25 22	15 10
15 18	16 19	23 27	3 8	20 27	8 11
19 15	10 6	20 4	15 10	10 6	10 3
12 19	1 10	27 31	17 22	1 10	11 20
10 7	15 6	25 22	10 6	15 6	19 15
3 10	18 23	31 27	22 26	27 31	14 18
15 6	25 21	4 8	6 1	6 2	26 19
1 10	8 11	27 23	26 31	8 11	20 24
24 6	6 2	8 3	1 6	22 18	3 7
23 26	23 27	23 16		11 16	9 14
	2 6	15 11		18 14	15 11
	27 32	16 7		23 27	24 27
	26 22	3 1		32 23	
	11 15			31 27	
	6 10			23 18	
	14 18				
	30 25				
	32 27				
	10 14				
	27 23				
	20 16				
	3 8				
	16 11				
	8 12				
	11 7				
	12 16				
	7 2				
	16 20				
	2 7				
	20 24				
	7 11				
	24 27				
	21 17				
	27 31				
	14 10				
*995	23 27				
	17 14				
D. Orvis.	W. Orvis.	W. Orvis.	W. Orvis.	D. Orvis.	D. Orvis.
919	919	919	919	919	919

	926	927	928	929	930	931				
D.	Orvis.	D.	Orvis.	B.	Orvis.	D.	Scott.	D.	Orvis.	
932		17 21 30 25 11 16 24 20 15 24 20 11 24 27 23 19 27 31 26 23 933	25 22 18 25 29 22 8 11 27 23 11 15 32 28 15 24 28 19 13 17 22 13 31 27 23 18 14 23 21 17 23 26 17 14 27 23 19 15 26 30 25 21 12 16 11 7 1 6	22 18 23 27 7 11 18 9 11 27 19 15 27 32 27 32 24 19 14 17 22 13 7 14 13 9 14 17 19 15 17 22 23 19 3 7	24 20 18 25 29 22 7 11 15 10 11 15 32 28 15 24 28 19 32 27 9 6 1 10 15 6 8 11	17 21 22 18 1 6 18 14 13 17 20 16 17 22 25 18 30 21 23 30 22 18 30 26 6 9 27 23 10 6 7 11 30 25 27 24 20 16 24 20 16 11 20 16 11 4 16 23 15 11 23 18 11 7 12 16 7 2 16 20 2 7 13 17 21 14 18 9 7 2 20 24 25 22 24 27 22 17 9 13 17 14 27 32 2 6 3 7	7 11 16 7 3 10 18 14 10 17 25 22 21 25 30 14 23 30 22 18 13 17 14 10 6 9 10 6 30 26 6 2 9 13 15 10 26 23 19 15 23 7 2 4 12 16			
	919	920	924	924	925	925				

## CROSS.

167

932	933	934	935	936	937
3 8	31 26				
24 20	934 11 7	22 18	2 6	10 6	19 15
15 24	26 17	26 31	14 18	14 18	27 18
22 18	7 2	18 9	21 14	21 14	25 22
1 5	1 5	31 27	18 27	18 27	18 25
18 9	935 2 7	937 11 7	14 9	19 15	11 8
5 14	3 8	27 18	5 14	27 31	25 22
23 19	936 19 15	7 2	19 16	7 11	15 11
14 18	12 16		12 19	31 26	22 18
26 22	7 11		10 7	11 4	11 7
24 27	16 19		3 10	26 23	1 5
22 15	23 16		6 31	14 10	
11 18	8 12		14 18	13 17	
19 15	10 6		31 26		
27 31	12 19		13 17		
10 7	11 16		25 21		
31 26	19 23				
7 2	16 19				
26 22	23 26				
2 7	19 23				
22 29	26 30				
7 11	6 2				
12 16	14 18				
11 4					
16 19					
D. Orvis.	B. Bowen.	D. Bowen.	D. Orvis.	D. Bowen.	B. Orvis.
926	926	933	933	933	934

## CROSS.

938	939	940	941	942	943
981 } 32 27	25 22	24 15	9 13	9 14	9 13
981 } 6 9	18 25	2 6	30 36	17 13	30 25
982 } 29 22		17 10	1 6	11 16	13 22
982 } 19 15	9 13	947 } 7 14	26 22	13 9	25 18
939 10 19	24 20	948 } 26 23	952 23 19	16 20	11 16
940 17 10	945 11 16	949 } 12 16	953 3 7	9 6	29 25
7 14	20 4	950 } 30 26	19 16	32 27	16 20
24 15	3 8	16 20	7 10	31 24	25 22
12 16	4 11	28 24	16 7	20 27	32 27
26 23	7 32	11 16	10 19	6 2	31 24
941 18 22	31 27	24 19	22 15	27 31	20 27
25 18	32 23	8 12	2 18	29 25	18 14
16 19	26 19	26 22	27 24	31 27	27 31
23 7	946 14 18	9 13	20 27	25 22	22 17
14 32	22 6	15 11	31 15	8 12	31 26
15 10	13 22	1 5	6 9	2 6	10 7
2 11	21 17		14 18	14 18	3 10
21 17	1 10		15 10	22 15	
942 } 11 16	17 13		18 22	3 7	
943 } 17 13	2 7		25 18	10 3	
9 14	13 9		14 23	1 19	
13 9	7 11			30 25	
16 20	9 6			27 23	
9 6	11 16			25 22	
32 27	6 2			12 16	
31 24	16 23			3 7	
20 27	2 7			16 20	
6 2	10 14			7 10	
27 31	7 10				
29 25	14 18				
14 18	10 15				
25 22	23 27				
18 25	15 19				
30 21	27 31				
31 27	28 24				
944 2 7	22 25				
27 23	30 21				
28 24	18 23				
23 18	19 26				
21 17	31 22				
8 12	24 19				
24 20	22 18				
18 22	21 17				
17 13					
22 18					
DBroughton	D. Parrow.	D. Adair.	D. Bowen.	D. Adair.	D. Spayth.
1	938	938	938	938	938

## CROSS.

169

944	945	946	947	948	949
	11 15	2 6			
2 6	27 23	28 24	28 24	27 24	27 24
27 23	15 24	12 16	12 16	12 16	18 27
955 } 6 9	28 19	19 12	24 20	960 26 23	same as 948 at 4.
956 } 23 19	8 11	14 18	16 19	18 27	
9 6	19 16	22 15	26 23	24 20	
8 11	12 19	10 28	19 26	11 18	
6 2	23 16	17 14	30 23	20 4	
11 15	11 15	1 5	9 13	27 32	
2 6	26 23	12 8	31 26	30 26	
15 18	7 11	28 32	13 17	6 10	
21 17	16 7	8 3	23 19	26 22	
18 22	2 11	32 27	1 5	18 23	
7 11	31 27	3 7	19 16	22 17	
19 23	3 8		8 12	1 6	
17 13	27 24		16 7	17 13	
23 18	8 12		3 19	14 18	
28 24	23 19		20 16	21 17	
22 25	1 5		19 24	9 14	
24 20	30 26		27 20	25 21	
25 30	15 18		12 19	18 22	
20 16	22 8		25 22	28 24	
30 26	13 31		18 25	22 26	
11 7	8 3		29 13	31 22	
26 23	31 26		14 18	14 18	
	3 7		20 16	22 15	
	26 22		6 10	10 28	
	7 2				
	22 18				
	2 6				
	18 15				
	20 16				
957	14 17				
	21 7				
	15 11				
B Broughton	D. Casserly	D. Parrow.	D. Adair.	D. Adair.	D. Adair.
938	939	939	940	940	940

## CROSS.

950	951	952	953	954	955
	13 17		6 9		
21 17	958 25 22	28 24	15 10	31 26	28 24
14 21	18 25	11 16	18 23	7 10	8 11
23 5	29 13	24 19	27 18	26 23	6 9
11 18	11 18	8 12	14 23	20 24	23 18
28 24	28 24	15 11	19 16	27 20	24 20
8 11	8 11	3 7	2 7	18 27	11 15
24 20	24 19	22 15	10 6	28 24	21 17
6 10	16 20	14 18	8 12	11 18	15 19
31 26	959 19 16	23 14	6 1	22 15	20 16
10 15	11 15	16 32	12 19	27 31	19 23
26 23	16 11	14 9	1 5		17 13
18 22	2 6	7 16			18 15
25 18	21 17	9 5			9 6
15 22	14 21	13 17			15 19
27 24	23 14	21 14			
22 26	15 18	6 10			
24 19	14 9				
26 31	6 10				
19 12	9 6				
11 15	10 14				
23 18	6 2				
15 22	14 17				
30 26	26 23				
22 25	18 22				
29 22	27 24				
21 25	20 27				
	31 24				
	22 26				
	23 19				
D.	Adair.	D.	Adair.	B.	Hull.
940		941		941	DBroughton
					B. Yates.
					B Broughton
					944

## CROSS.

171

956	957	958	959	960	961
	5 9				
21 17	6 13	28 24	19 15	31 27	24 20
23 19	14 18	16 19	11 16	16 20	6 10
6 2	13 9	23 7	15 11	26 23	28 24
19 16	18 23	3 28	2 6	9 13	1 6
2 6	21 17	25 22	21 17	30 36	22 17
16 11	23 27	18 25	14 21	1 5	15 22
6 9	9 6	29 13	23 14	23 19	25 18
11 7	27 32	28 32	21 25	5 9	9 13
9 14	16 11	27 23	26 22	26 23	18 9
8 11	15 8	32 28	25 30	18 22	13 22
28 24	6 15	31 27	22 17	25 18	26 17
11 16	32 27	28 32	30 25	13 17	6 22
24 20	24 20	26 22	11 7	29 25	30 26
16 19	27 24	8 11	3 10	3 7	22 25
20 16	15 11	22 18	14 7	19 16	29 22
19 24		1 5	25 22	7 10	10 14
16 12		18 9	17 14	16 7	24 19
7 2		5 14	1 5	10 26	2 6
		13 9	7 2	27 23	22 17
		14 18	22 17	20 27	6 10
		23 14	2 9	18 15	26 22
		32 23	17 10	26 30	11 15
		14 10		7 2	32 28
		11 15		17 22	15 24
				25 18	28 19
				30 26	4 8
					31 26
					8 11
					22 18

Broughton	Casserly	B.	Adair	B.	Adair	B.	Adair	D.	Ross.
944	945			951		951		948	875

## CROSS.

962	963	964	965	966	967
	16 20	16 19			6 9
23 19	24 19	22 17	22 17	22 17	25 21
14 23	4 8	14 18	14 18	14 18	18 25
19 10	31 27	17 14	17 14	17 14	29 22
7 14	14 18	18 23	2 7	6 10	1 6
26 19	28 24	15 11	31 27	15 6	27 23
11 16	2 7	9 18	16 20	1 17	7 11
19 15	15 10	24 25	24 19	21 14	16 7
963 } 4 8	6 15	12 16	7 11	8 11	3 10
964 } 24 20	19 10	31 27	28 24	30 26	23 16
965 24 20	7 14	16 19	971 9 13	11 20	10 19
16 19	22 15	21 17	15 10	32 27	31 27
20 16	12 16	5 9	6 15	12 16	6 10
2 7	25 22	17 13	19 10	25 21	27 24
966 30 26	14 17	18 22	11 15	18 22	10 15
14 18	21 14	25 18	25 22	972 26 17	24 20
32 27	9 25	9 14	18 25	9 18	15 18
9 13	29 22	18 9	29 22	27 23	22 15
21 17	16 19	1 5	12 16	18 27	13 31
967 5 9	32 28	27 18	21 17	31 15	16 11
25 21	1 6	5 23	15 18	7 11	31 27
18 25	22 17	29 25	22 15	15 8	11 4
29 22	5 9	3 7	13 22	3 12	27 23
968 7 11	30 26	25 22	14 9		20 16
16 7	3 7	7 16	5 14		23 18
3 10	26 22	15 11	24 19		16 11
22 18	7 10	23 26	16 23		
13 22	17 13	30 23	27 9		
26 17	19 23	19 26	20 24		
19 23	27 18	22 17	9 6		
27 24	20 27	26 30	22 26		
10 19	22 17	17 14	30 23		
24 15	10 19	30 26	3 7		
9 13	17 14	14 9	10 3		
17 14	19 23	26 23	1 26		
13 17	14 5	11 7	3 12		
14 9	6 10	2 11	26 30		
6 13	5 1	9 2	12 16		
21 14	8 11	16 20	30 26		
12 16	1 6	2 7	16 19		
14 10	10 15	11 16	24 28		
16 20		7 10			
10 7					
23 27					
31 24					
20 27					
7 3					
8 12					
D. Wyllie. D.	Bush. D.	Reid. D.	Bowen. D.	Hill. D.	Adair. D.
875	962	962	962	962	962

## CROSS.

173

968	969	970	971	972	973
6 10			11 16		13 17
15 6	30 26	31 27	21 17	27 24	22 13
1 10	16 19	16 20	16 23	20 27	3 7
28 24	32 27	17 13	15 10	31 15	978 27 23
19 28	2 7	12 16	6 15	16 19	15 18
27 24	17 14	976 } 25 22	25 22	26 22	23 16
12 19	7 11	977 } 18 25	18 25	18 23	12 19
24 6	24 20	29 22	27 4	22 18	979 26 23
7 10	9 13	9 14	20 27	23 26	19 26
6 1	15 10	22 17	30 21	15 10	31 15
9 14	3 15	14 18	9 18	26 30	11 18
1 5	25 22	30 26	32 14	25 21	28 24
8 11	18 25	18 22		30 26	18 23
5 9	29 22	26 23		10 6	24 19
	973 12 16	6 9		7 11	23 26
	21 17			6 2	19 15
	974 3 7			26 23	26 30
	27 24			2 6	15 10
	975 8 12			9 13	7 11
	22 18			6 9	10 7
	13 22			23 26	30 26
	26 17			9 6	7 3
	15 22			26 22	8 12
	24 8			14 10	
	16 19			22 15	
	8 3			6 1	
	7 11			15 6	
	3 8			1 10	
	11 15			19 23	
	8 11			10 14	
	15 18			23 27	
	11 15			14 18	
	19 23			11 16	
	17 13			18 23	
	23 26			27 32	
	28 24				
	26 30				
	24 19				
	18 23				
	15 18				
	23 26				
	18 25				
	30 21				
	31 22				
	21 17				
	14 10				
W. Bowen.	D. Adair.	B. Adair.	W. Merry.	B. Wyllie.	D. Adair.
962	965	965	965	966	969

974	975	976	977	978	979
1 6	1 6				
14 10	22 18	21 17	30 26	26 22	31 27
6 9	13 22	16 19	16 19	1 6	1 6
10 6	26 17	30 26	27 23	21 17	21 17
3 10	15 22	3 7	18 27	6 10	18 22
6 2	24 15	980 25 21	32 16	20 16	27 23
7 10	11 18	18 22	20 27	11 20	22 31
27 24	20 2	27 23	16 11	22 18	23 16
9 14	6 9	22 31	8 12	15 22	8 12
2 7	17 13	23 16	11 8	27 24	
14 21		20 27	12 16	20 27	
7 14		32 23	8 4	31 6	
8 12		7 11	16 19	22 26	
22 18				6 2	
15 22				8 11	
26 17				2 6	
13 22				11 16	
24 8					
16 19					
31 27					
21 25					
14 10					
22 26					
10 15					
19 24					
28 19					
26 31					
15 11					
31 15					
W. Adair.	W. Adair.	B. Adair.	B. Adair.	D. Adair.	B. Adair.
969	969	970	970	973	973

## CROSS.

175

980	981	982	983	984	985
	11 15	11 16	7 11	11 16	7 11
25 22	26 23	26 23	30 26	24 20	19 15
18 25	983 8 11	16 20	6 9	15 24	10 19
29 22	17 13	30 26	17 13	20 11	17 10
7 10	984 1 5	985 10 15	2 6	7 16	6 15
27 23	30 26	19 10	25 22	27 11	23 14
20 27	3 8	6 15	18 25	18 27	2 6
23 16	25 22	17 10	29 22	31 24	25 22
10 19	18 25	7 14	3 7	12 16	3 7
32 23	29 22	26 22	22 17	24 20	22 17
8 12	15 18	986 3 7	1 5	16 19	11 16
16 11	22 15	22 17	26 22	20 16	17 13
19 24	11 18	7 10	14 18	987 14 18	7 11
28 19	24 20	24 19	23 14	16 12	29 25
9 14	14 17	15 24	9 25	18 23	1 5
17 10	23 14	28 19	17 14	11 8	25 22
6 24	6 9	2 6	10 17	23 27	
	13 6	25 22	19 3	8 4	
	2 18	18 25	17 22	27 32	
	21 14	29 22	3 7	4 8	
	10 17	8 11	11 16	2 7	
		22 18	24 20	25 22	
		6 9	16 19	32 27	
		17 13	27 24	22 17	
		1 6	19 23	988 27 23	
			24 19	30 25	
			25 30	989 23 26	
			28 24	17 14	
			30 25	10 17	
			7 11	21 14	
				1 5	
				25 21	
				26 22	
				21 17	
				22 18	
				29 25	
				18 9	
				25 21	
				7 10	
				8 11	
				19 23	
				28 24	
				9 14	
				24 19	
				14 18	
				11 7	

B.	Adair.	D. Northrop.	W. MacIndoe	W. Yates.	W. Adair.	W. Spayth.
976	938	938	981	981	981	982

## CROSS.

986	987	988	989	990	991
2 7	19 23	19 23	10 15	10 15	
22 17	28 24	29 25	17 14	24 20	15 10
7 10	990 23 27	23 26	1 5	15 19	7 14
24 19	24 20	30 23	14 10	25 22	22 18
15 24	10 15	27 18	7 14	23 26	1 5
28 19	25 22	28 24	8 11	30 23	18 9
3 7	27 32	18 15	15 18	19 26	5 14
31 26	22 17	24 20	11 15	22 17	19 15
8 11	14 18	10 14	19 24	14 18	14 18
	17 14	17 10	28 19	17 14	26 19
	18 22	7 14	23 16	18 22	17 21
	21 17	25 22	15 22	21 17	992 15 11
		14 18			8 15
		22 17			19 10
		6 10			13 17
		20 16			32 27
		15 19			12 16
		16 11			10 6
		10 15			16 20
		11 7			24 19
		3 10			17 22
		8 11			27 23
					18 27
					25 18
					3 8
W. MacIndoe	W. Adair	W. Adair	W. Adair	W. Adair	D. Orvis.
982	984	984	984	984	925

## CROSS.

177

992	993	994	995	996	997
	* 14 18		* 23 26		2 7
24 20	994 16 11	26 22	14 10	24 20	29 25
13 17	13 17	3 7	19 23	997 9 13	9 13
20 16	11 4	15 10	11 7	20 16	31 26
3 7	9 13	7 14	26 30	2 7	6 10
32 27	15 10	22 15	7 10	30 26	15 6
17 22	17 22	14 18	30 21	14 18	1 10
27 23		16 11	10 26	32 27	32 27
18 27		23 17	18 25	18 25	998 } 10 15
25 18		11 4	29 22	29 22	999 } 27 23
27 32		17 22	31 27	5 9	8 12
18 14		4 8	26 31	22 18	23 16
32 27		22 29	27 24	7 10	12 19
15 10		8 11		27 23	26 23
8 11		9 14		8 12	19 26
				31 27	30 23
				10 14	1001 3 8
				15 11	23 19
				13 17	15 24
				18 15	28 19
				17 22	7 10
				26 10	20 16
				19 26	8 11
				27 23	16 7
				12 19	14 17
				23 16	21 14
				26 31	10 26
				11 7	25 21
				31 27	5 9
				7 2	
				27 23	
				21 17	
				23 18	
				15 11	
				6 15	
				11 7	
				3 10	
				2 7	
D. Orvis.	B. Hefter.	B. Hefter.	D. Hefter.	D. Drum'd.	D. Hefter.
991	925	993	921	4	996

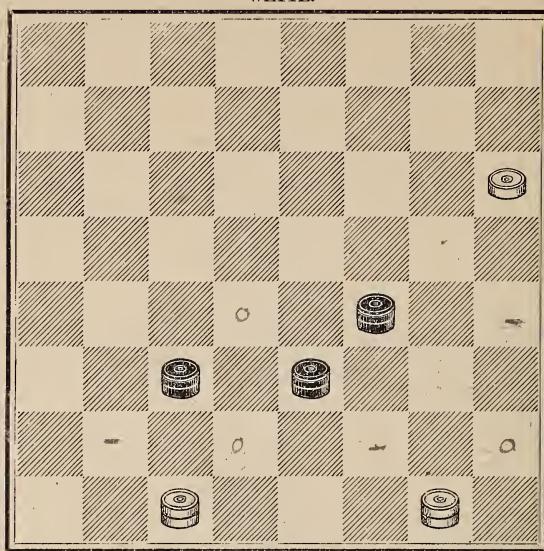
998	999	1000	1001		
20 16	26 23	* 15 18	7 10		
8 11	19 26	31 24	28 24		
16 12	30 23	23 26	3 7		
11 16	7 11	30 23	23 19		
27 23	28 24	18 27	14 18		
7 10	5 9	24 19	21 17		
21 17	23 19	27 31	5 9		
14 21	15 18	2 6	17 14		
23 18	22 15	31 27	10 26		
19 23	11 18	6 15	19 3		
18 11		11 18	26 30		
10 14		17 10			
26 19		18 23			
16 23		25 22			
22 18		27 24			
13 17		19 15			
18 9		24 27			
5 14		22 18			
11 8		23 26			
14 18		20 16			
8 4		12 19			
17 22		10 6			
		1 10			
		15 6			
B. Hefter.	B. Hefter.	D. Redd.	D. Hefter.		
997	997	24	997		

It often happens that different openings, after a few moves, come to the same position. Below will be found a few examples of the way in which several openings become identical with the Cross, after a few moves.

Old Fourteenth.	Will o' the Wisp.	Dyke.	Ayrshire Lassie.	Irregular
11 15	11 15	11 15	11 15	9 13      10 15
23 19	23 19	22 17	24 20	23 19      23 18
8 11	9 13	15 19	8 11	11 15      7 10
22 17	26 23	24 15	23 18	26 23      21 23
4 8	8 11	10 19	4 8	8 11      same as
25 22	23 18	23 16	same as	23 18      23 18      889 at 2.
9 13	4 8	12 19	214 at 2.	9 14      4 8
27 23	same as	25 22		same as      same as
6 9	2 at 3.	8 11		1 at 4.      2 at 3, and
23 18		30 25		Will o' the Wisp game at 7.
9 14		4 8		
18 9		22 18		
5 14		9 13		
26 23		same as		
same as		325 at 9.		
218 at 3.				

## POSITION NO. 1.

WHITE.

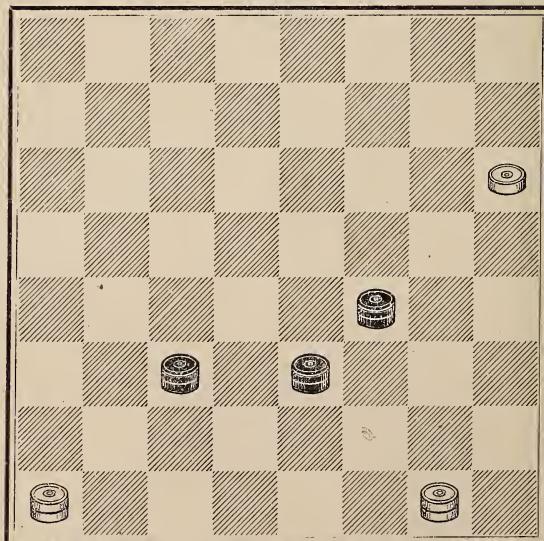


BLACK.

Either to move and Black to win.

## POSITION NO. 2.

WHITE.

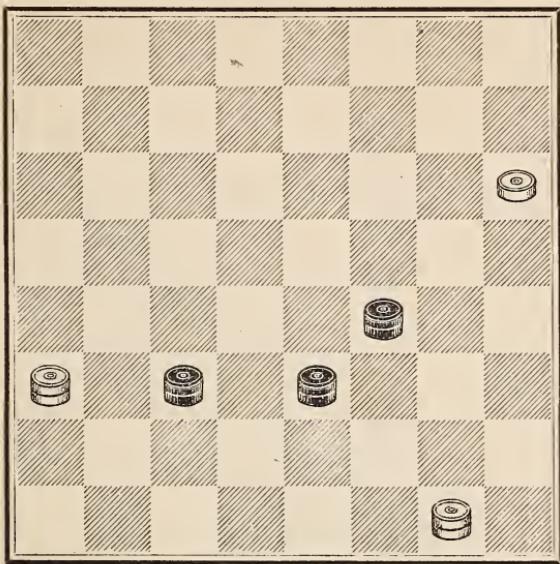


BLACK.

Either to move and Black to win.

## POSITION NO. 3.

WHITE.



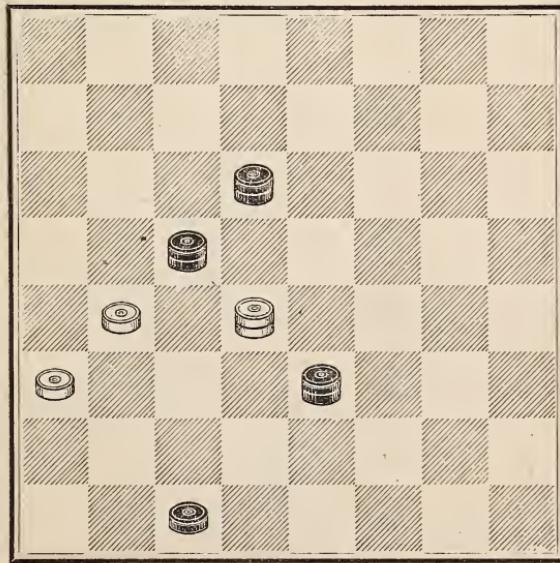
BLACK.

Black to move and win.

White to move and draw.

## POSITION NO. 4.—By R. D. Yates.

WHITE.



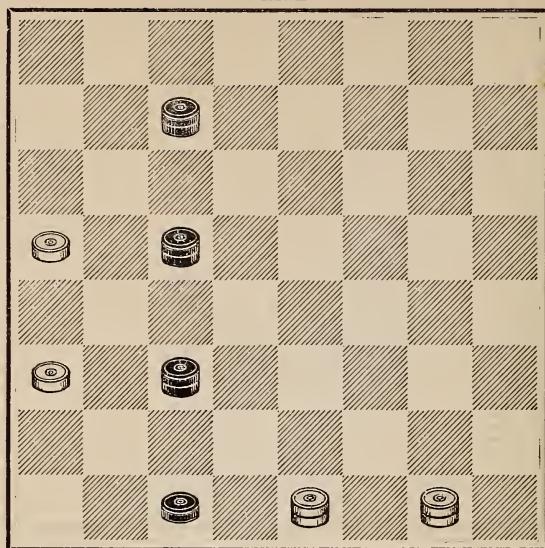
BLACK.

Black to play and win.

## POSITION NO. 5.

By Jas. Wyllie.

WHITE.

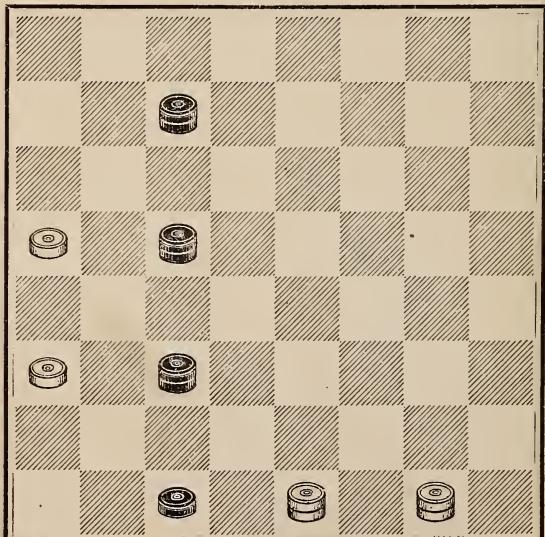


BLACK.

White to play and Black to win.

## POSITION NO. 6.—By R. E. Bowen.

WHITE.



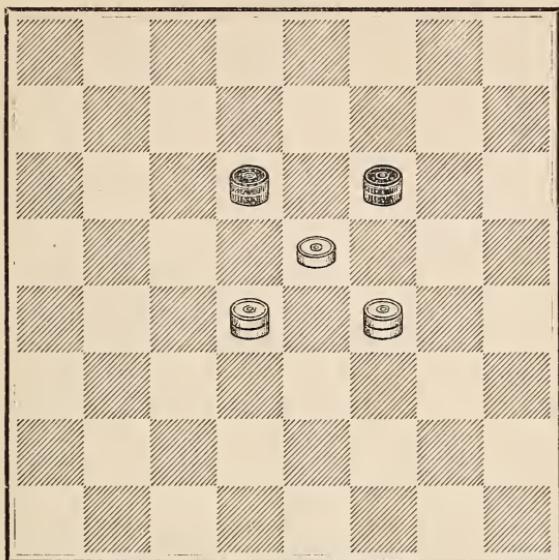
BLACK.

Black to play and White to draw.

## POSITION NO. 7.

By A. Sinclair.

WHITE.

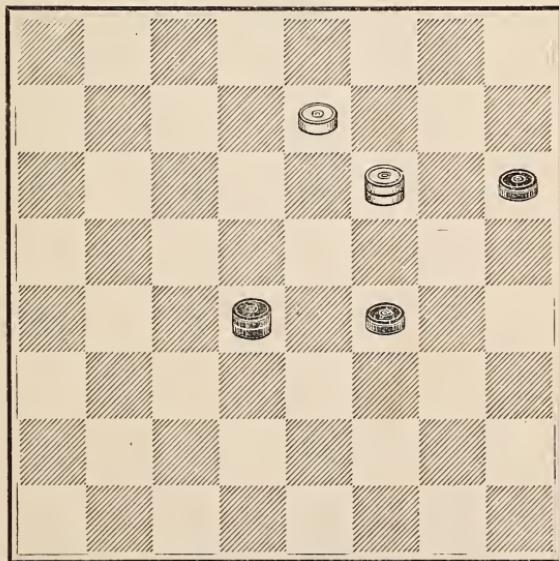


BLACK.

Black to play and White to win.

## POSITION NO. 8.—By F. Dunne.

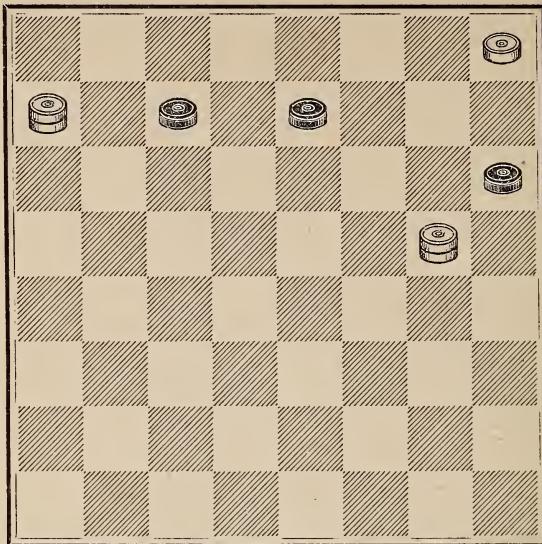
WHITE.



BLACK.

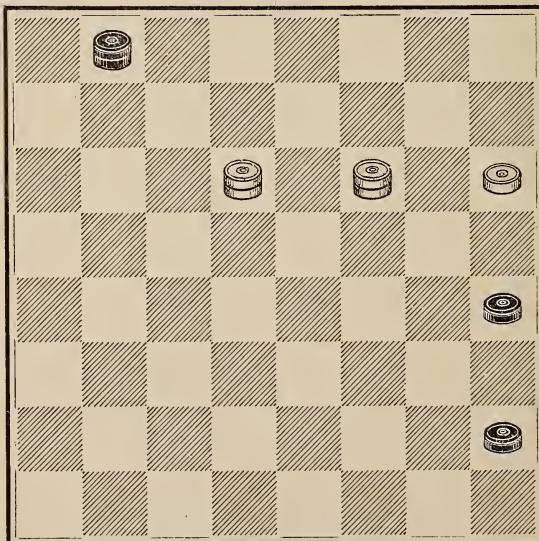
White to play and Black to win.

POSITION NO. 9.  
By Mr. C. M. Wilder.  
WHITE.



BLACK.  
White to play and win.

POSITION NO. 10.—By E. Deans.  
WHITE.

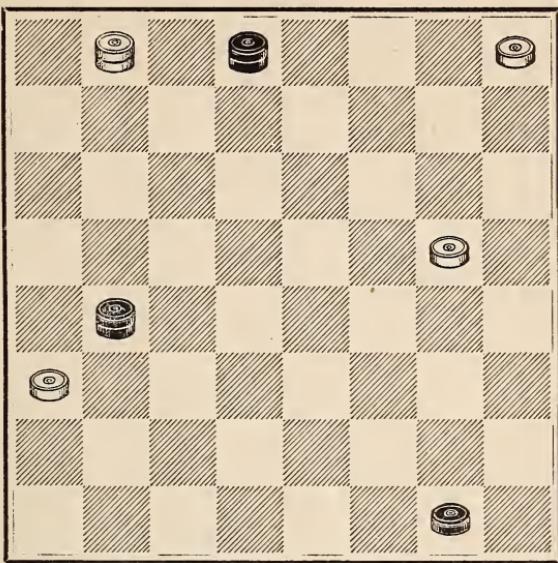


BLACK.  
White to play and win.

## POSITION NO. 11.

By the late Mr. John Bertie.

WHITE.

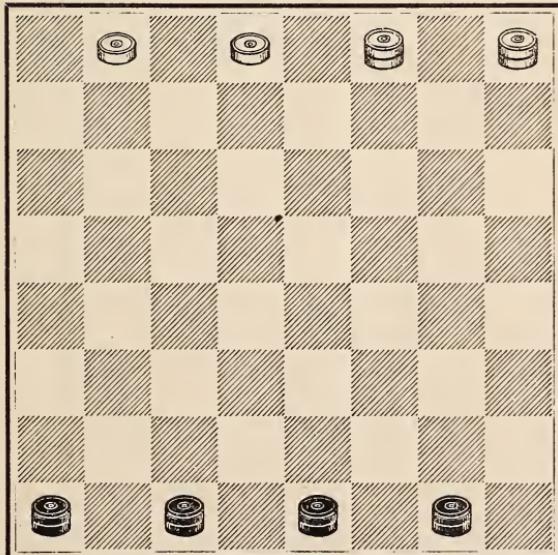


BLACK.

Black to play and draw.

## POSITION NO. 12.

WHITE.



BLACK.

Black to play and White to draw.

## Solution of Position No. 1.

Black to move					White to move		
	1	2	3	4		1	
14 9	5 1	3 8	17 13	8 3	1 5	9 14	
1 5	10 7	15 11	6 1	7 11	10 6	10 17	
9 6	3 10	8 15	3 8	1 6	5 1	21 14	
1-21 17	6 15	10 19	10 14	5 1	14 10	11 15	
2 { 11 15	1 6	5 1	8 3	6 2	1 5	3 8	
3 } 5 1	11 7	6 9	15 11	15 10	6 1	5 1	
6 9	21 17	1 5		2 6	5 9	14 9	
17 13	7 10	9 13		10 14	1 5	15 18	
9 5	6 9	17 14		6 10	1- 9 13	8 12	
3 8	15 18	19 15		14 7	10 6	18 14	
10 7				3 10	13 17	9 5	
4- 1 6				1 5	5 9	14 18	
5 1				10 14	17 22		
6 9				11 15	9 14		
7 11				14 17	22 17		
8 12				15 10	14 18		
15 18				17 22	17 13		
				10 14	18 22		
				22 25	21 17		
				5 1	6 10		
				25 22			
				1 6			

B. wins. B. wins. B. wins. B. wins. B. wins. B. wins. B. wins.

## Solution of Position No. 2.

Black to move			White to move		
	1		1	5	1
10 7				10 6	
1 6				5 1	9 13
7 3	21 17			14 10	10 6
6 1	2 7			1 5	13 17
11 7	1 5			10 6	5 9
1 6	10 6			5 9	17 13
7 2	17 13			1 5	6 2
6 1	7 10			1-9 14	13 6
14 10	5 9			10 17	2 9
1- 1 5	6 1			21 14	21 17
2 6	9 6			11 15	11 15
21 17	10 14			4 8	17 13
10 7				5 1	15 10
5 1				8 12	
6 9				1 6	
17 13					
9 6					
B. wins.	B. wins.		B. wins.	B. wins.	

## Solution of Position No. 3.

		Black to move			
		1	2		
10	15	5 1	5 1		
1	5	11 16	6 9		
14	10	12 19	1 5		
1-21	17	15 24	9 13		
10	6	21 17	17 14		
2-17	14	24 19	11 7		
15	19	1 5	12 8		
5	1	19 15	7 3		
11	15	5 9	8 12		
		15 18	13 9		
B.	wins.	B.	wins.	B.	wins.

		White to move				
		1	2	3	4	5
1	5	15 19	1 5	7 3	7 2	1 5
10	6	14 10	8 12	8 12	8 12	10 14
5	1	19 23	7 11	1 5	1 5	26 22
14	10	21 17	13 9	14 17	14 17	14 17
1	5	23 26	11 7	15 19	2 6	22 25
6	1	17 13	9 6	17 14	17 14	17 21
5	9	5-26 22	5 1	19 23	5 1	25 30
10	15	13 9	6 2	13 9	12 16	21 17
9	14	22 17	7 11	3 7	6 2	30 26
1-	1	5	9 5	14 10	9 6	16 12
21	17	17 13		5 1	2 7	26 23
5	1	10 14		6 2	12 8	13 9
17	13	11 15		7 11	same as trunk	5 1
11	7	12 16		14 10	at 15th move.	9 5
2	{ 12	8	13 9			
3	{ 1	6	14 17			
4	{ 8	3	9 6			
15	-10	17 22				
14	18	6 2				
7	11	22 26				
18	23					
Drawn.		Drawn.	Drawn.	Drawn.	Drawn.	Drawn.

## Solution of Position No. 4.

19	24	7 10	19 10	19 16	10 15
15	6	6 15	8 4	8 3	Black wins.
3	7	23 19	24 19	16 22	
12	8	16 11	11 8	4 8	

## Solution of Position No. 5.

1	6	6	9	2-1	5	1	6	5-13	17	27	32
27	23	23	18	17	14	5	1	3	7	19	23
6	10	2	6	5	1	6	9	6-17	14	32	28
23	18	17	13	9	5	19	15	2	6	6	10
10	6	9	5	2	6	4-	9	5	14	18	28
18	14	18	14	11	18	11	7	7	10	10	15
6	1	1-	5	1	6	10	14	9	18	23	Black wins.
14	17	14	9	18	23	7	2	10	15		
1	6	6	2	3-10	14	9	13	23	27		
19	23	13	17	23	19	15	11	15	19		

1	2	3	4	5	6	7	8				
6	2	1	6	9	13	5	9	6	10	12	8
13	9	9	5	23	19	11	7	1	10	11	4
5	1	6	1	7-	6	2	14	17	13	1	5
17	14	17	15	15	18	9	14	17	13	10	14
2	6	2	6	2	17	21	11	15	1	6	7
Same as trunk at 25.	Same as trunk at 25.	3	7	1	6	5	9	10	14	15	6
		6	2	13	17	13	6	5	9	15	6
		7	10	6	10	2	9	14	17	1	17
		8-2	6	17	13					5	9
		10	14	10	14						
		6	10	13	17						
		15	6	7	10						
		1	17	20	16						
		5	9	18	15						

B. wins. B. wins.

### Solution of Position No. 6.

## Solution of Position No. 7.

22 26  
15 1126 22  
18 1522 18  
14 923 19  
15 1019 15  
9 14

White wins.

## Solution of Position No. 8.

22 17  
15 10  
17 2221 25  
22 29  
14 1829 25  
10 15  
25 2115 19  
21 25  
19, 2426 22  
24 19  
Black wins.

## Solution of Position No. 9.

28 32

27 31

17 13

26 30

29 25

31 26

25 22

White wins.

## Solution of Position No. 10.

23 18  
32 27  
18 14  
27 23  
14 1023 19  
22 18  
19 24  
10 6  
24 196 1  
19 24  
18 22  
24 19  
21 1719 15  
17 14  
15 11  
14 10  
5 922 18  
13 17  
1 5  
9 13  
5 917 21  
18 22

White wins.

## Solution of Position No. 11.

16 11	5-23 18	23 26	32 27	7 10	
17 14	24 27	25 21	26 30	22 17	8
31 26	18 14	17 14	25 21	24 20	23 19
29 25	25 22	21 17	30 26	17 13	22 17
26 23	14 10	14 9	27 24	10 6	19 23
14 9	22 18	Drawn.	26 23	13 17	17 22
23 18	10 15	J. Bertie.	21 17	14 10	23 19
9 5	18 14	—	11 15	5 14	22 17
18 23	11 7	3	12 8	10 7	29 25
25 21	12 8	31 26	23 26	18 23	17 21
23 18	7 3	7-32 27	24 20	Drawn,	25 22
32 27	8 4	26 22	15 10	J. Bertie.	6 10
18 14	3 7	27 23	20 16	—	13 9
27 23	4 8	1 6	26 22	6	11 15
14 9	7 3	8-23 27	16 11	27 24	19 23
23 18	8 12	22 17	22 25	15 11	10 14
9 13	3 7	27 23	8 3	16 7	22 17
18 22	12 16	17 22	25 21	3 17	21 25
13 9	7 3	23 27	11 7	24 19	same as
21 17	6-16 20	22 17	21 14	17 14	Var. 3,
9 13	3 7	29 25	13 9	19 15	at end.
17 14	27 23	17 21	Drawn,	5 9	Drawn,
13 9	15 10	25 22	J. Bertie.	Drawn,	J. Wyllie.
22 18	23 18	6 10	—	J. Wilkin.	—
9 6	10 17	27 23	5	—	9
18 23	18 15	21 25	11 15	7	13 9
11 15	Drawn.	23 18	12 8	29 25	18 14
12 8	J. A. Kear.	25 21	23 26	26 23	9 5
6 9	—	18 23	8 3	25 21	14 9
14 10	2	21 25	26 30	23 18	32 27
15 6	29 25	23 18	25 21	9-32 27	9 6
8 3	31 26	25 21	15 11	18 14	27 23
6 10	32 27	13 9	24 19	27 23	6 10
Drawn,	26 30	10 14	30 26	1 6	23 18
J. Bertie.	25 21	18 23	21 17	23 26	10 7
—	30 26	11 15	26 30	14 18	18 14
1	17 13	22 17	17 14	26 31	7 3
17 13	1 5	21 25	30 26	18 14	21 17
3- 1 5	21 17	Drawn,	19 24	31 26	11 7
4-32 28	11 15	J. Wyllie.	11 15	14 18	14 9
31 27	12 8	—	13 9	21 17	7 2
29 25	26 22	4	15 18	6 10	Drawn.
27 23	27 23	29 25	3 7	Drawn,	J. WYLLIE.
28 24	22 25	31 26	26 22	J. WYLLIE.	

## Solution of Position No. 12.

4 8	26 23	15 18	28 32	23 18	32 28
32 28	19 26	28 32	18 15	17 13	27 32
8 11	30 23	3 7	32 28	18 14	20 16
28 24	6 10	32 28	15 11	28 32	23 19
11 16	23 27	7 10	28 32	11 15	16 12
24 20	10 15	28 32	19 24	32 28	19 15
16 19	27 32	10 15	32 28	15 18	12 8
30 26	15 19	32 28	23 19	28 32	15 11
2 7	32 28	15 19	31 26	18 23	8 4
29 25	19 23	28 32	24 27	32 28	32 27
7 11	28 32	19 24	26 22	23 27	28 32
25 30	11 15	32 28	27 23	28 32	
1 6	32 28	24 19	22 17	19 23	Drawn.

	1	2	3	4	5
	11 15				
	23 18	27 23	32 28	32 28	25 22
	8 11	4 8	9 13	4 8	9 13
1	26 23	23 19	22 18	27 24	32 28
	10 14	7 9 14	6 9	2 6	4 8
	30 26	18 9	18 15	24 15	27 24
	7 10	5 14	4 8	10 19	2 6
	24 19	22 17	* 15 10	17 10	24 15
	15 24	15 18	2 7	6 15	10 19
	28 19	26 22	10 6	21 17	17 10
	12 16	11 15	1 10	9 13	6 15
	19 12	17 13	27 24	17 14	23 18
	11 16	7 11	16 20	13 17	8 11
	18 15	8 13 9	24 6	9 } 25 22	18 14
	10 19	6 13	14 17	10 } 17 21	16 20
2	22 17	24 20	21 14	14 10	31 27
3 }	6 10	15 24	9 27	21 25	11 16
4 }	17 13	22 6	31 24	10 7	27 23
	10 15	1 10	20 27	3 10	13 17
	13 6	28 19		12 3	22 13
	1 10	11 15		25 30	15 18
	32 28	30 26		22 17	* 14 10
	4 8	15 24		5 9	18 27
5	25 22	26 22		17 13	26 22
	5 9	13 17		9 14	27 31
	27 24	22 13		3 7	22 17
	16 20	2 6		16 20	31 26
	23 16	32 28		23 16	17 14
	20 27	8 11		30 23	26 22
	31 24	28 19		7 11	21 17
	2 7	11 15		* 15 18	22 18
6	26 23	* 20 16		28 24	29 25
	9 13	15 24		20 27	18 9
	16 11	16 11		31 24	13 6
	7 16	10 15		14 17	19 23
	24 19	25 22		16 12	6 2
	15 24	14 18		10 14	23 26
	28 19	21 17		12 8	25 21
	13 17	18 25		17 21	26 31
	22 13	29 22		8 3	17 13
	8 11	6 10		18 22	31 26
	29 25	13 9		3 7	2 7
	11 15	15 19			26 22
	25 22	9 6			7 11
	15 24	10 15			22 18
	22 18	6 2			11 7
	16 19	24 27			18 15
		31 24			

R. Fraser &  
Dr. Clute.

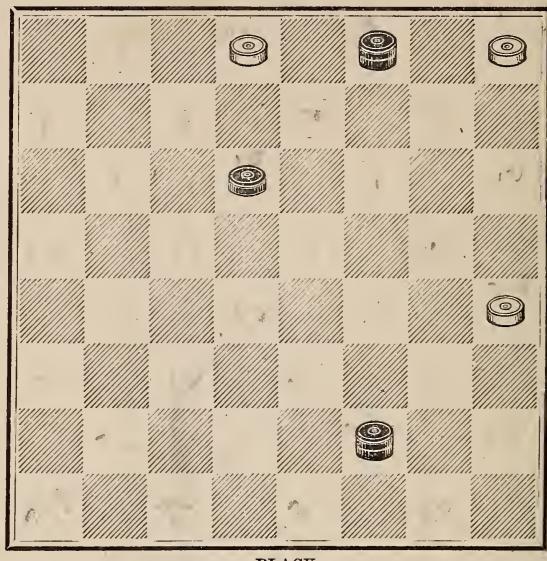
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	10 14				
24 20	19 10	22 17	25 21	14 10	2 6
15 19	14 23	2 7	1 6	15 18	23 19
22 17	26 19	32 27	19 25	23 14	6 9
9 13	7 14	11 16	* 5 9	19 24	14 18
26 22	19 15	27 23	14 5	28 19	14 9 6
8 11	11 18	18 27	6 9	16 20	19 16
29 25	22 15	13 9	21 14	25 21	6 2
** 19 24	12 16	16 23	9 27	17 22	16 11
28 19	24 20	9 2	31 24	* 10 7	2 6
11 15	16 19	7 11	16 20	3 17	18 23
16 11	20 16	24 20	26 23	12 3	6 2
7 23	2 7	27 32	19 26	1 6	23 27
20 16	30 26	31 27	24 19	21 14	2 6
23 26	14 18	1 5	15 24	30 26	27 32
16 11	32 27	27 9	28 19	3 7	6 2
26 30	9 14	5 14	11 15	6 10	32 27
11 7	26 22	2 6	19 16	7 11	
30 26	19 23	14 18		10 17	
7 2	27 24	25 22		29 25	
26 23	23 26	18 25		22 29	
11 2 7	14 20	29 22		31 13	
15 19	8 11	32 27			
12 7 2	15 8	30 25			
19 24	3 19	27 23			
2 7	22 15	17 13			
24 28	26 30	3 7			
7 2	25 22	13 9			
23 19	* 30 25	** 23 26			
2 6	32 17	22 17			
19 15	14 18	26 22			
6 2	29 22	25 18			
28 32	18 25	15 22			
2 6		6 15			
32 28		11 18			
6 2	continued as var. 15, and drawn.				
28 24					
2 7					
24 20					
7 2					
14 18					
13 2 7					
10 14					
Drummond.					
B. AND. 3, 9.	D. AND. 3, 38.	D. AND. 3, 57.	D. AND. 3, 31.	D. AND. 3, 47.	B. AND. 3, 34.

12	13	14	15	16	17
7 11	2 6	9 14	*9 6	A B 22 26	11 15
19 24	20 16	18 23	16 18 23	6 2	10 7
11 15	6 2	14 7	6 2	7 11	15 19
10 19	16 11	3 10	7 11	17 14	7 3
17 10	2 6	12 8	17 14	26 31	8 11
† 23 27	18 23	19 16	23 26	14 10	3 8
10 6	6 2	8 3	14 10	18 22	11 15
19 23	23 27	16 11	17 26 31	22 25	15 18
22 18	2 6		10 7	7 3	11 15
23 26	27 31		31 26	11 15	19 23
18 14	6 2		7 3	2 6	15 19
26 30	31 27		11 15	15 18	22 25
6 1	2 6		2 6	6 10	19 15
27 23	27 24		26 23	18 22	18 22
1 5	6 2		6 10	10 15	15 18
30 26	15 19		23 19	31 26	
5 9	2 6		28 24	3 7	
24 27	11 7		19 28	26 23	
9 5			10 19	15 19	
27 32			22 26		
5 9			3 7	A	
32 27			26 31	7 11	
9 5			19 15	6 2	
27 24			28 24	11 15	
5 9			7 10	2 6	
24 19			24 28	15 19	
9 5			21 17	6 10	
19 15			31 26	19 23	
5 9			17 13	10 15	
23 18			26 22	23 26	
9 5			13 9	17 14	
18 9			22 17	26 30	
5 14			9 6	14 10	
26 23			17 22	30 25	
25 22			6 2	10 7	
15 10			22 26	18 23	
14 7			2 7	20 16	
3 10			26 22	12 19	
12 8			7 11	3 12	
10 15					
8 3				B	
23 18				8 11	
				6 2	
				7 10	
				2 6	
				11 15	
				6 9	
				15 19	
				9 14	

† Continued

## POSITION NO. 13.—By Mr. R. D. Yates.

WHITE.



Black to move and win.

## Solution to Position No. 13.

6 1	31 22	25 18	25 22	10 7	5 1
13 9	30 25	29 25	15 10	18 14	6 9
32 26	9 5	18 15	22 18	1 6	Black wins.

ERRATUM.—Through an oversight not discovered until too late, the authorship of position No. 4 was credited to Mr. Yates. To the veteran problematist, Mr. M. H. C. Wardell, of Colchester, N. Y., rightly belongs the honor.



















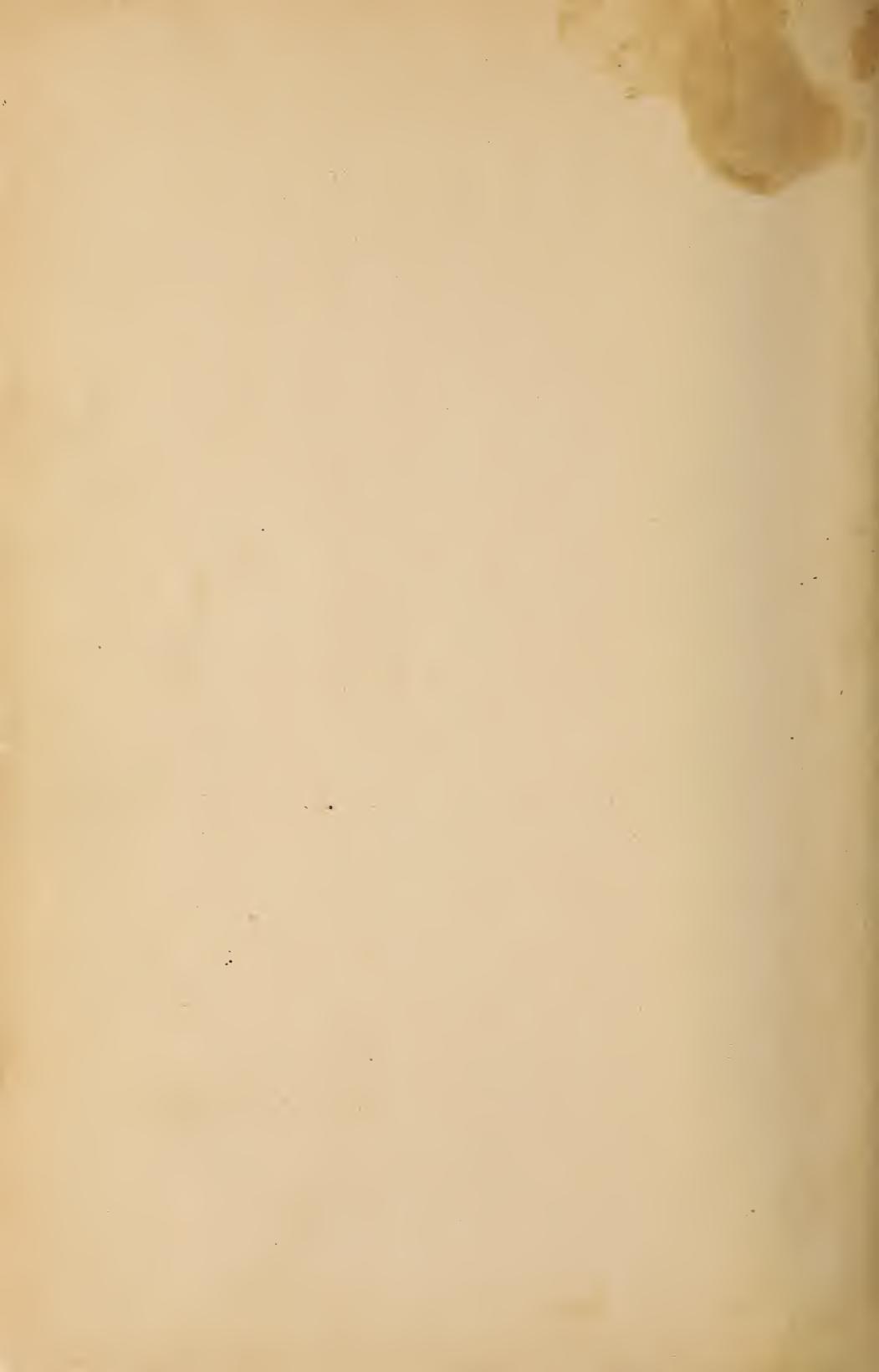














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