

# The Canadian Militia Gazette

THE POPULAR ORGAN OF THE ACTIVE FORCE OF THE DOMINION.

(Adopted as their official paper, by the Dominion Artillery Association, the Ontario Artillery Association, the Canadian Military Rifle League, and the Royal Military College Club.)

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## FIXTURES.

C. M. R. League shoots.....	May 16, 30, July 11, 25, August 8
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## NOTE AND COMMENT.

We have to acknowledge the receipt since last issue of the programme of the eighteenth annual prize meeting of the British Columbia Rifle Association, to be held at Goldstream on the 29th July and three following days. The programme is as usual a very attractive one, and varied so as best to suit the local conditions.

A correspondent makes the interesting suggestion that the League Matches should be so arranged as to give a separate competition for each branch of the service; so that, for instance, the cavalry, whose arm is the carbine, should shoot with their own weapon with some hope of taking a creditable place on the list. The suggestion is one worthy the consideration of the League.

The *Regina Standard* in a recent issue contained a strong appeal for Government aid to rifle associations in the North-west Territories, and calls upon the Minister of Militia “to remedy the seeming injustice.” The Minister’s reply would no doubt be that having insufficient funds for the purposes of the militia he cannot spare anything for the promotion of rifle shooting in the Northwest, where there are not yet any militia organizations. The rifle associations there well deserve encouragement, however, and it would be a good idea for the representatives of the Northwest in Parliament to take steps to secure a separate appropriation, so that the militia funds would not suffer.

Our printing office was almost completely wrecked by fire on the 30th June. The current week’s issue was then ready for press, and the types were melted in the flames, and the “copy” and “proofs” were also destroyed. It being found impossible to make printing arrangements in time for the succeeding week’s issue, that also had to be omitted; but the office is now reorganized and subscribers may expect to receive their papers without further interruption. In answer to the many friends who, hearing of the fire through the daily press, have written to ask the extent of our loss, we may state that the immediate damage by fire and water was about covered by insurance, and that our loss will principally arise from the expense of securing and fitting up new premises, and the diversion of business consequent on the temporary stoppage of work. Our books of account were all saved, and when in a few days the usual statements are sent out to those in arrears we trust there will be the prompt response that the emergencies of the case call for.

The *Mail's* military popularity competition has ended since our last issue, with the result that the Queen’s Own Rifles head the list as the most popular corps, and their senior major, Major J. M. Delamere, as the most popular officer. We tender our congratulations to the victors, for though the result cannot be claimed as a decisive test of relative popularity, it does show conclusively what a host of warm friends are possessed by the leaders in the contest. A statement of the ballots recorded for these will be interesting. We give first those for the corps:

1. 2nd Q.O.R. ....	212,233	6. 36th Bn. ....	25,821
2. 10th R.G. ....	146,882	7. G.G.F.G. ....	25,052
3. 13th Bn. ....	100,507	8. 38th Bn. ....	24,053
4. 34th Bn. ....	52,918	9. 15th Bn. ....	18,457
5. 1st B.F.A. ....	37,820	10. 35th Bn. ....	18,363

The officers list is as follows :

1. Major Delamere, Q.O.R. ....	117,744
2. Capt. Eliot, 10th R.G. ....	71,817
3. Capt. Manley, 10th R.G. ....	61,536
4. Lt.-Col. O'Brien, 35th. ....	52,646
5. Lt.-Col. Macdonald, 1st B.F.A. ....	43,804
6. Lt.-Col. Gibson, 13th. ....	37,710
7. Lt.-Col. Hamilton, Q.O.R. ....	24,957
8. Capt. Henderson, 34th. ....	21,909
9. Capt. Thompson, 12th. ....	21,614
10. Lt.-Col. Jones, 38th. ....	18,242
11. Lt.-Col. Todd, G.G.F.G. ....	16,516
12. Lt.-Col. Lindsay, 25th. ....	15,900
13. Lt. Curran, 12th. ....	15,634
14. Lt.-Col. Tyrwhitt 36th. ....	14,110
15. Capt. J. B. McLean 14th. ....	13,731
16. Lt.-Col. Brodie, 31st. ....	13,410
17. Lieut. Vance, 22nd. ....	12,914
18. Capt. Lazier, 15th. ....	12,346
19. Surgeon Ryerson, 10th. ....	12,293
20. Capt. Cleverdon, 34th. ....	10,615

### THE LEAGUE PRIZES.

The prize list for this season's matches of the Canadian Military Rifle League has been arranged, and we are indebted to the Secretary for the following information concerning it. Twenty prizes are offered in the 10-men team competition; five for 20 men teams; two for 30-men teams; one for 40-men teams, and four for civilian associations, making a total of 32 team prizes in addition to the badges offered for the highest aggregate on each team. The prizes for the 30 and 40-men teams are now for the first time announced, and they will, we are sure, meet with general approval because of the encouragement afforded to interest as many men as possible from each corps. The entries stand thus: 104 10-men teams; 26 20-men teams; 8 30-men teams; 6 40-men teams; and 11 civilian teams. We desire to call special attention to the following, from the League programme, respecting prizes other than those mentioned above:—

“Any battalion having team in league, 1891, and bringing five new men to the Dominion Rifle Association meeting, 1891, and who shoot through it, have free entry into the League of 1892 for one team; and for each additional five new men, an additional team free. What is meant by new men is those who have never attended and shot through the Dominion Rifle Association matches in any previous year.

“CARON SHARPSHOOTERS' TROPHY, presented by the Hon. Sir Adolphe P. Caron, K.C.M.G., Minister of Militia and Defence. This trophy is open only to those belonging to a battalion or association who have had a team or teams entered in the League of 1891, and is to be competed for at the Dominion Rifle Association matches, 1891, and to be won by the highest individual score in the Snider aggregate (exclusive of the standing match). Entrance fee, 50 cents, to go toward making a series of prizes for this match, the first of which will be the trophy.

“THE PRESIDENT'S PRIZE, presented by Lt.-Col. the Hon. J. M. Gibson, President of League. Open to teams of ten men, from any battalion having teams entered in the League, 1891. To be won by the aggregate scores of the highest ten men from any battalion or association in the Snider aggregate (exclusive of the standing match) at the Dominion Rifle Association, 1891. It will not be necessary to name the men previously.”

## LETTERS TO THE EDITOR.

This paper does not necessarily share the views expressed in correspondence published in its columns, the use of which is freely granted to writers on topics of interest to the Militia.

### WIDTH OF SNIDER BACK SIGHT.

EDITOR MILITIA GAZETTE,—Sir, in regard to the width of the Snider back sight, which according to the regulations of 1890, was fixed at 25-100ths, a greater width, or in fact even this width being objected to (I presume by the shots), I would advocate a greater width (being a bar shot) for the following reasons:—

On account of the great wind allowance required for the Snider bullet it is desirable (having a due regard to the strength of the back sight) that it should be filed as wide as possible, for we know that even then we are often obliged to resort to other uncertain means to obtain sufficient windage, as cauting, aiming off, etc., none of which are as certain as aiming under the bulls-eye; this is one of the reasons why better shooting can be done with the Martini (I think, in fact, the principal reason), as it is a very rare occasion that you cannot obtain sufficient windage on the bar of the Martini, for while the Martini requires very much less windage the bar is much wider.

Now, if the wide back sight is desirable on the Martini, is it not much more so on the Snider, and, if so, why not make it wide? I think that most any rifeman will agree with me in saying that if the Snider had (I might say) the unlimited wind allowance that the Martini has, there would not be so much difference in the scores made by them.

I think it almost as reasonable to limit the elevation (and have to aim high or low on the target) when you could have unlimited elevation as to limit the windage (although we may not be able to obtain all that is desirable on account of the narrow width of the upright), when we can obtain more and I would, therefore, advocate that the regulation width be extended to 30-100ths. This would give an additional windage allowance at 600 yards of 2 feet 8 inches on the full width of bar, or 1 foot 4 inches on either side of centre line. This, I claim, would leave sufficient strength for the upright, give the rifle better shooting qualities so far as wind is concerned, and enable the marksman to keep nearer the bulls-eye which we are all aiming for.

Hoping that you may hear from other advocates of the wide bar and that it may be widened to 30-100ths, or even 28-100ths by the Dominion Rifle Association.

I remain, yours truly,

F. BARTLETT.

Napanee, June 25, 1891.

### THE CARSLAKE TROPHY.

EDITOR MILITIA GAZETTE,—Is it true that certain members of the Montreal corps are endeavouring to have the conditions for the CARSLAKE TROPHY changed, by increasing the teams to 15 men each instead of 10 men? By this means they hope to avoid competition from outside corps, knowing that it would be next to impossible to get 15 men from any outside corps to attend the P.Q.R.A. meeting. Now, as a member of a corps which intends sending a team to compete for this trophy this year, I protest against this increase, not that we haven't a 15 men team capable of defeating one from any Montreal corps, but the expense of bringing such a large team to Montreal, together with the difficulty of the men “getting off” from business. It would simply mean that 3 or 4 men would attend instead of 10 men. Hoping that the donor will not allow these conditions to be changed,

Yours truly,

TORONTO.

THE INFANTRY SCHOOL FOR QUEBEC.

EDITOR MILITIA GAZETTE,—Although the expediency of removing the Royal School of Infantry from St. Johns to Montreal has more than once been urged in your columns, I venture to ask you again to bring the matter into public notice. Some two months ago or more, a resolution urging this change was unanimously passed at a meeting of the commanding officers, with a request that the D.A.G. would forward it to headquarters; so far as I am aware, no steps have as yet been taken to carry the suggestion into effect.

As was sometime ago shown by you, the change would be hailed with great satisfaction, not only by the Montreal force, but by the Quebec and country battalions, and would also serve to make this school of more use, by furnishing, in case of need, an important adjunct to the City Police, and would make it unnecessary to call out the active militia to quell a riot here. Now that Parliament is sitting, in which body we have many active and retired volunteer officers, a word from you might create more interest.

Very truly yours,

VOLUNTEER.

THE MILITARY COLLEGE.

EDITOR MILITIA GAZETTE,—In your issue of the 25th June, in speaking of the concession granted by the Law Society of Upper Canada to graduates of the Royal Military College, you have fallen into two errors, which kindly allow me to correct.

1st. Graduates of the R.M.C. gain two years on the course; not one, as stated, and are not required to pass any matriculation examination.

2nd. The credit of this concession should be given to our worthy President, Capt. S. A. Denison, I.S.C., and not to myself.

Hoping, sir, that you will make these corrections in your next issue,

FRED W. WHITE,  
Sec'y-Treas. R.M.C. Club.

THE SIXTH FUSILIERS WHITE FACINGS.

As an old militiaman, and one who is jealous of the honour of the service, I would like to see some explanation of the fact that has recently been made public in a specially conspicuous manner, that the Sixth Fusiliers of Montreal have white facings. How is it that this fine regiment has lost the right to the honourable distinction to which all corps in the Canadian military service are entitled, and granted to them, I have always understood, in recognition of the gallant services of the Canadian militia in 1812—of having the same facings of "Royal" Regiments in the regular army.

Yours,

GREYBEARD.

QUERIES AND REPLIES.

ROYAL CANADIAN VOLUNTEERS.

In the GAZETTE of the 18th June, "Gunner" asks if the active militia of Canada is entitled to be known as "Royal," if so, by what authority, and, if not now, had it the right at any time to be so called.

I have not, so far, been able to find the authority, but among the Canadian Archives are to be found the following facts (out of a very large number,) showing that there was, at one time, authority for the use of the distinction "Royal" the title being given officially to the highest civil and military authorities in Canada.

On the 7th September, 1794, Simcoe, then in command of the troops in Upper Canada, besides being Lieutenant

Governor, issued beating orders to Hazelton Spencer "for the raising of a Company in the proposed Royal Canadian Battalion." (Canadian Archives, Series C., Vol. 791, p. 11.)

On the 28th October, Littlehales, Aide-de-Camp to Simcoe, writes to Capt. Spencer to the same effect. (Same volume, p. 5.)

On the 19th November, Capt. Spencer reports having enlisted 19 recruits for the Royal Canadians, and signs himself Captain, Royal Canadians. (P. 6.)

Many other letters from different officers follow, but a Commission, (the original parchment being among the Archives,) signed by Lord Dorchester's own hand, affords, it would seem, proof positive of official authority for the title. It is dated 29th May, 1796, appointing Stephen La Morendiere to be ensign "in a regiment called the Royal Canadian Volunteers. (C. 791, p. 259.)

DOUGLAS BRYMNER.

NORTH-WEST RIFLE LEAGUE.

The third competition for the prizes offered by the above league took place on the 13th June—ranges, 200, 500 and 600 yards—and resulted, as will be seen, in placing the Edmonton team at the top of the list. The team of the Manitoba Rifle Association could not complete the shooting at the 600 yards owing to one of the severest rainstorms breaking over Winnipeg that has occurred for some years, whilst Calgary and "F" Co. of the 90th Battalion were unable to muster a team. As the prizes are to be awarded to the five highest aggregate scores, the omission of a score or two will probably not affect the final total. The Duck Lake Rifle Association entered a team a few days prior to the 13th and were furnished with a programme of the shooting, but by some mischance they only fired five rounds at each range and consequently the score could not be received. The following are the scores in the present order of merit:

	1st and 2nd Match.	3rd Match.	Total
Edmonton Rifle Association.....	710	320	1030
Saskatchewan Association—P. Albert..	665	336	1001
95th Battalion, Portage la Prairie.....	571	323	994
Battleford Rifle Association.....	718	275	993
Winnipeg Rifle Range Co.....	654	338	992
Assiniboia Rifle Association, Regina...	652	318	970
N. W. Mounted Police, Prince Albert..	670	260	930
A Co., 95th Battalion, Brandon.....	599	269	868
Moosomin Rifle Association.....	563	246	809
Alberta Provincial Association, Calgary.	648	did not shoot	648
Manitoba Rifle Association, Winnipeg..	647	did not finish	647
F Co., 90th Battalion, Winnipeg.....	624	did not shoot	624

CANADIAN MILITARY-RIFLE LEAGUE.

The telegraphic returns of the third match, fired on the 11th July, show the teams to stand now in this order:

	1st Match.	2nd Match.	3rd Match.	Total.
1. 54th Battalion, Windsor Mills.....	853	799	832	2484
2. 53rd Battalion, Sherbrooke.....	858	729	880	2467
3. 13th Battalion, Hamilton, 1st team.....	839	803	824	2466
4. 96th Battalion, Port Arthur.....	787	811	859	2457
5. 45th Battalion, Lindsay, 1st team.....	791	774	855	2420
6. Toronto Rifle Association.....	778	790	835	2403
7. 7th Fusiliers, London.....	726	782	889	2397
8. 45th Battalion, Bowmanville, 3rd team.....	796	716	860	2372
9. 20th Battalion, Georgetown.....	716	761	886	2363
10. 62nd Battalion, St. John.....	786	758	818	2362
11. 21st Battalion, Essex Centre, 1st team.....	791	734	831	2346
12. C Company, I. S. C., Toronto.....	771	798	770	2339
13. Halifax Garrison Artillery, 1st team.....	780	718	836	2334
14. 43rd Battalion, Ottawa, 1st team.....	754	801	766	2321
15. Queen's Own Rifles, Toronto, 1st team....	742	796	765	2303
16. 63rd Battalion, Halifax, 1st team.....	754	731	.....	.....

17.	59th Battalion, Cornwall	661	734	866	2261
18.	D Company, I. S. C., London	670	727	862	2259
19.	20th Battalion, Milton	710	715	821	2246
20.	43rd Battalion, 2nd team	701	750	795	2246
21.	G. G. F. G., Ottawa, 1st team	713	736	757	2206
22.	Montreal Garrison Artillery, 1st team	708	718	763	2189
23.	Victoria Rifles, Montreal, 1st team	673	699	810	2182
24.	Halifax Garrison Artillery, 2nd team	796	637	743	2176
25.	Prince Edward Island Garrison Artillery	706	743		
26.	37th Battalion, Hagarville	684	712	773	2169
27.	Ottawa Rifle Club	719	722	718	2159
28.	82nd Battalion, Charlottetown	731	696		
29.	31st Battalion, Owen Sound	684	665	809	2158
30.	8th Battalion, Quebec, 1st team	743	627	785	2155
31.	43rd Battalion, 3rd team	678	684	778	2140
32.	Royal Military College, Kingston	669	689	781	2139
33.	93rd Battalion, Fort Lawrence	667	709	734	2110
34.	13th Battalion, 2nd team	744	680	683	2107
35.	Prescott Rifle Assn.	696	693	717	2106
36.	57th Battalion, Peterborough, 1st team	714	676	705	2095
37.	10th Royal Grenadiers, 1st team	679	700	714	2093
38.	Queen's Own Rifles, 2nd team	688	681	724	2093
39.	6th Fusiliers, 1st team	667	702	695	2064
40.	71st Battalion, St. Stephen	668	669	710	2047
41.	5th Royal Scots, Montreal, 1st team	687	734	624	2045
42.	Kentville Rifle Association	685	609	749	2043
43.	St. John Rifle Co.	676	633	709	2018
44.	Battleford Rifle Association	583	631	800	2014
45.	38th Battalion, Brantford	677	613	723	2013
46.	15th Battalion, Belleville	684	642	686	2012
47.	Charlottetown Engineers	621	703		
48.	26th Battalion, Vanneck	726	569	698	1993
49.	15th Battalion, Belleville	661	642	686	1989
50.	22nd Battalion, Woodstock	682	636	667	1985
51.	71st Battalion, Fredericton	625	672	676	1973
52.	65th Battalion, Halifax	663	631		
53.	63rd Battalion, 2nd team	724	566		
54.	6th Fusiliers, 2nd team	644	625	694	1963
55.	44th Battalion, Niagara Falls	584	664	691	1939
56.	A Company, I. S. C., Fredericton	631	620	682	1933
57.	14th Battalion, Kingston	595	640	694	1929
58.	A Battery, Reg. C. A., Kingston, 1st team	629	566	709	1904
59.	10th R. G., 2nd team	628	588	679	1895
60.	77th Battalion	641	548	701	1890
61.	Sackville Rifle Association	658	556	670	1884
62.	B Battery, Quebec, 1st team	662	578	643	1883
63.	69th Battalion	566	609	705	1880
64.	50th Battalion, Huntingdon	556	583	723	1862
65.	49th Battalion, Belleville	661	604	543	1808
66.	Toronto Rifle Assn., 2nd team	643	580		
67.	Montreal Rifle Association	556	624	626	1806
68.	8th Royal Rifles, 2nd team	618	573	599	1790
69.	G. G. F. G., 2nd team	563	573	645	1781
70.	Halifax Rifle Association	656	518	584	1758
71.	49th Battalion, Madoc	600	562	595	1757
72.	9th Battalion, Quebec	597	508	552	1657
73.	Queen's Own Rifles, 3rd team	601	498	653	1751
74.	Levis Rifle Association	572	531	630	1733
75.	Queen's Own Rifles, 4th team	576	602	553	1731
76.	Montreal Garrison Artillery, 2nd team	520	575	618	1713
77.	3rd Vics, 2nd team	502	560	628	1690
78.	Regina Rifle Association	517	544	625	1686
79.	Halifax Garrison Artillery, 3rd team	563	515	583	1661
80.	43rd Battalion, 4th team	551	518	587	1656
81.	10th Royal Grenadiers, 3rd team	548	544	536	1628
82.	57th Battalion, Peterborough, 2nd team	539	525	551	1605
83.	B Battery, R. C. A., 2nd team	510	457	631	1598
84.	Governor-General's B. Guard, Toronto	557	504	528	1589
85.	95th Battalion, Brandon	596	454	537	1587
86.	21st Battalion, Windsor, 2nd team	360	464	719	1543
87.	10th Royal Grenadiers, 4th team	543	494	456	1493
88.	45th Battalion, Lindsay, 2nd team	462	484	544	1490
89.	Governor-General's Foot Guards, 3rd team	515	519	452	1486
90.	55th Battalion	487	515		
91.	Headquarters Staff, Ottawa	427	460	586	1473
92.	1st Prince of Wales Rifles, 1st team	498	414	479	1391
93.	Leicestershire Regt., Halifax, 1st team	758	605		1363
94.	A Battery, R. C. A., 2nd team	302	499	533	1334
95.	Governor-General's Foot Guards, 4th team	399	457		
96.	B Company, I. S. C., St. Johns, Q.	432	384	448	1264
97.	Leicestershire Regt., 2nd team	656	559		1215
98.	65th Battalion, Montreal	412	346	418	1176
99.	Halifax Garrison Artillery, 4th team	382	282	457	1121
100.	5th Royal Scots, 2nd team	400	421	139	950
101.	53rd Battalion, 2nd team	162	402	318	882
102.	43rd Battalion, 5th team	229	405	147	781
103.	1st Prince of Wales Rifles, 2nd team	203	130		
104.	Leicestershire Regt., 3rd team	619			619
105.	90th Battalion, Winnipeg	573			573

THE INTER-CITY MATCH.

The following are the details of the scores in this match, fired on the 15th June, so far as they have been received:

BOWMANVILLE RIFLE ASSOCIATION.

C. Windatt	31	33	30	94
W. C. King	30	33	29	92
Jno. Curtis	28	33	29	90
W. Brown	29	30	29	88
Jno. Hughes	33	27	27	87
T. Brisbin	29	28	29	86
J. Brisbin	30	29	27	86
S. Thompson	30	30	26	86
D. Stewart	30	32	24	86
J. Morris	30	28	27	85
J. B. Mitchel	29	29	26	84
W. Milligan	30	30	20	80
D. D. Beach	27	26	25	78
E. Prout	28	28	22	78
S. Staples	24	28	18	70
Totals	438	444	388	1270

OTTAWA.

J. Wright	29	34	27	90
J. E. Hutcheson	29	28	31	88
A. P. Sherwood	30	30	28	88
T. McJanet	30	32	26	88
E. D. Sutherland	32	30	26	88
J. H. Ellis	29	30	28	87
W. A. Jamieson	27	32	26	85
J. W. DeC O'Grady	26	27	28	81
H. H. Gray	28	31	21	80
S. M. Rogers	30	33	17	80
C. S. Scott	28	27	24	79
J. A. Armstrong	29	28	21	78
W. P. Anderson	24	26	27	77
G. Maillene	26	30	21	77
R. Moodie	30	29	18	77
Total	427	447	369	1243

WINDSOR MILLS.

M. H. Healey	31	34	20	95
G. A. Cleveland	31	31	29	91
B. Whalen	28	30	28	86
L. J. Thomas	27	30	28	85
G. A. Whitty	29	29	27	85
G. Andrews	28	28	27	83
Major Cleveland	29	29	25	83
— Harvey	28	26	27	81
J. T. Thomas	27	27	26	80
E. Swallow	27	26	25	78
H. Aylmer	25	27	24	76
J. Bothwell	26	27	23	76
Major Bernard	28	27	21	76
L. Swallow	25	27	22	74
J. Lyster	24	23	22	69
Total	413	421	384	1218

HAMILTON.

A. Murdoch	26	33	30	89
W. M. Goodwin	29	30	29	88
D. Mitchell	28	29	30	87
Geo. Margetts	28	31	24	83
John Mitchell	26	25	29	80
J. Adams	26	26	28	80
W. L. Ross	23	30	26	79
Dr. Olmstead	24	31	24	79
E. F. Rymal	28	30	21	79
Edward S. Kidden	28	30	20	78
H. Marris	27	26	24	77
W. H. Clarke	25	28	23	76
F. B. Ross	27	23	25	75
E. G. Zealand	23	32	25	70
A. Miller	27	13	27	67
Total	395	417	365	1177

ST. JOHN CITY.

J. Hunter	32	32	30	94
C. T. Burns	29	32	30	91
E. A. Smith	30	28	29	87
J. H. McRobbie	31	30	26	87
F. H. Hart	26	33	27	86
T. H. Hollins	26	26	29	81
E. Wetmore	24	31	25	80

J. T. Hartt .....	31	24	25	80
W. A. Lordly .....	21	28	28	77
G. F. Thompson .....	25	29	23	77
M. B. Henderson .....	26	28	20	74
J. L. McAvity .....	33	25	16	74
D. Carmichael .....	26	28	15	69
F. W. Roderick .....	24	27	17	68
A. R. Lordly .....	22	23	4	49
Total .....	406	424	344	1174

## KINGSTON.

W. Hora .....	29	33	31	93
A. Hora .....	25	32	31	88
A. B. Cunningham .....	29	32	25	86
D. R. Cameron .....	20	32	30	82
W. P. Hewgill .....	27	28	26	81
W. J. B White .....	27	27	26	80
V. B. Rivers .....	19	29	29	77
G. F. Roothame .....	27	25	25	77
J. B. Cochrane .....	18	30	28	76
T. B. Ross .....	27	22	26	75
J. Morgans .....	22	29	24	75
E. Swaine .....	20	25	29	74
R. Baillie .....	25	25	24	74
D. Baudry .....	28	24	18	70
J. Kirk .....	24	20	17	61
Total .....	367	413	389	1169

## QUEBEC.

Lieut. Davidson .....	33	29	28	90
Corp. Hawkins .....	29	31	27	87
Sergt. Hartley .....	29	29	26	84
Bomb. Clements .....	30	26	26	82
Sergt. Dewfall .....	30	25	23	78
Gr. T. Pugh .....	27	28	22	77
Pte. Taschereau .....	20	28	26	74
Col. Sergt. Goudie .....	24	25	25	74
Sergt. Douglas .....	27	31	16	74
Sergt. T. Pugh .....	24	30	18	92
Pte. Thomson .....	18	29	23	70
Gr. W. Pugh .....	26	24	20	70
Staff-Sergt. Perrett .....	25	23	19	67
Chrp. Dunn .....	19	23	22	64
Gr. Morrison .....	27	19	7	53
Totals .....	388	400	328	1116

## FREDERICTON, N. B.

F. G. Loggie .....	28	34	24	86
J. D. Perkins .....	27	32	23	82
W. H. Watker .....	26	19	27	72
E. Doyle .....	25	26	21	72
A. J. Fowler .....	24	21	26	71
F. Riston .....	29	25	16	70
J. Doran .....	19	24	25	68
W. J. Duncan .....	19	21	23	63
A. Young .....	17	25	21	63
A. Long .....	19	25	16	60
D. Curtin .....	15	9	24	58
G. O. Hen .....	15	21	22	58
L. Worth .....	18	23	16	57
J. C. Burns .....	13	23	15	53
A. B. McKinnon .....	19	12	12	41
Total .....	323	340	311	947

## AMHERST.

C. Lockhart .....	33	29	21	83
B. Bent .....	32	31	11	74
M. McElmon .....	16	29	24	69
R. S. Carter .....	27	25	16	68
Robt. Christie .....	27	21	19	67
T. Trenholm .....	24	26	17	67
A. McElmon .....	25	25	16	66
W. Morris .....	25	24	15	64
N. B. Steele .....	25	26	8	59
R. H. Tremaine .....	21	11	26	58
Fred Christie .....	17	18	22	57
G. E. Church .....	25	19	12	56
W. Chrstie .....	21	22	11	54
Robt. Allan .....	22	13	14	49
E. McKay .....	23	6	6	35
Totals .....	363	324	235	926

## REGIMENTAL.

## TORONTO.

There was an enthusiastic gathering of the clans last week in St. Andrew's Hall, the occasion being the first general organization meeting of the new Highland regiment. Although the work of organization has only been in progress for five weeks, the service roll was signed by 263 men, and several applications were received from others who could not be present. The men were drawn up in columns of four companies and addressed by Capt. Henderson, who has been an active promoter of the organization. He called for nominations for the commander of the regiment, and the name of John I. Davidson was the first and only one proposed. It was received with applause and his election was unanimous, the men giving three hearty cheers for Colonel Davidson. Addresses were also delivered by Mr. Alex. Fraser, Mr. D. M. Robertson and Mr. J. A. Currie.

A deputation consisting of Joseph Graham, Jas. Henderson, William Stewart, John Shand and David W. Smith, was appointed to wait on Mr. Davidson and tender him the colonelcy of the regiment. A strong committee has been appointed to perfect arrangements, and application for Government sanction will soon be made. From the appearance of the men and the enthusiastic interest taken in the affair, it is safe to predict that they will soon be numbered among the crack regiments of Canada.

There is an opening for about 50 more men, to constitute a reserve force, and it is expected that all the blanks will be filled at the next meeting.

## TOM MITCHELL'S SUCCESS.

Friends of Staff-Sergt. T. Mitchell, of the Royal Grenadiers, and friends of the regiment generally, will be pleased to hear that by the Scottish papers recently to hand, it appears that he has been meeting with great success in rifle shooting in Scotland, where he landed some weeks ago.

He is a member of the "Bisley" team for this year, and was granted permission to go in advance to visit his friends in Scotland, and join the team at Liverpool on their arrival there.

In the meantime it appears he has tried his hand in some of the great Scottish matches, with the following success:

At the "Darnley" matches, in the match for the championship of Scotland, in the first stage he took ninth place with the score of 89 points. In the second stage he stood twelfth with a score of 100 points, the winner of the first prize making 106 points.

At the "Edinburgh" matches, in the Henry match, 200, 500 and 600 yards, he won the 29th prize with a score of 89 points.

In the "Waterloo Cup" Match, 600 yards, five shots, he won 9th prize with 23 points. Extra series, 200 yards, five shots kneeling, 4th prize with 24 points.

Extra Series (No. 2,) 200 yards, five shots kneeling, 4th prize with 23 points. Extra Series, 500 yards, five shots, 6th prize with 24 points.

Brewers prizes, 200 yards, kneeling, he scored 31 points, winning £1.

President's prizes, 200, 500 and 600 yards, seven shots, he scored 90 points, winning £1.

Extra Series, 200 yards, five shots, kneeling, he won 10th prize, with 23 points.

Veterans' prizes, 500 yards, seven shots, 7th place with 32 points.

Extra Series, 500 yards, five shots. In this Mitchell won first place with a full score of 25 points. This score was made by two others, but in shooting off the tie Mitchell won.

Staff-Sergt. Mitchell is to be congratulated on his splendid showing, and the Royal Grenadiers as well in having such

a good representative. His success is an augury of a good showing by him and our team at Bisley this year.

The 15th and 49th Battalions have arranged for a series of matches throughout the season, to be shot every Friday, in addition to the regular League matches. So far the 15th has won the first four matches fired. A handicap prize for the encouragement of young shots is also being competed for.

The Brigade Camp of No's 3 and 4 military districts may probably be held in Belleville this year. A beautiful site on the Bay of Quinte has been selected.

### THE RIFLE.

#### OTTAWA RIFLE CLUB.

The tenth spoon competition of this club was held on the Rideau range on the 29th June, with Martini rifles, at 200, 500 and 600 yards, and resulted as follows:

G. Maillenc.....	28	32	30—90	Major Wright....	28	26	27—81
R. Moodie.....	28	33	25—86	R. J. Taylor....	23	27	29—79
Capt. O'Grady..	30	26	29—85	L. G. Perkins...	28	26	25—79
H. McKay.....	27	29	28—84	Major Sherwood.	25	32	21—78
C. S. Scott.....	27	31	25—83	R. A. Helmer...	20	29	28—77
W. A. Jamieson.	30	24	28—82	R. N. Slater....	26	23	27—76
T. McJanet....	27	28	27—82	J. G. Lyon.....	29	25	21—75

The spoons were won as follows: 1st class, dessert, Maillenc; tea, Moodie; 2nd class, Lyon; 3rd class, Perkins.

The eleventh competition was held on the 4th July, also with Martins, and resulted thus:

C. S. Scott.....	29	32	27—88	T. P. Carroll....	31	25	27—83
J. P. Nutting....			—85	D. McMartin....	25	32	26—83
Major Wright...	30	32	23—85	R. Moodie.....	27	30	25—82
Dr. Hutchison...	29	27	28—84	Capt. O'Grady..	27	28	26—81
R. J. Taylor....	24	35	25—84	E. D. Sutherland	26	30	25—81
R. N. Slater....	26	29	28—83				

### EXTRACTS FROM THE U. S. ORDNANCE REPORT.

The report of the Chief of Ordnance for 1890 has just been issued, and is a volume of unusual size, consisting of 748 pages, chiefly devoted to heavy ordnance. The following extracts will doubtless be found of interest to rifle-men:—

#### SMOKELESS POWDER.

During the past year extensive experiments have been carried on abroad with smokeless powders—in field guns and in guns of a large calibre, as well as in small arms; but though some astonishing results have been obtained, the attendant difficulties have been many, and it can not yet be said with certainty that these new explosives will eventually supersede the present service powders. This Department has been able to procure very small samples only, and our tests have hence been limited exclusively to small arms. In this direction experiments have been actively prosecuted at the National Armory, using a small calibre arm, and a large number of powders, both American and foreign, were tried during the past twelve months with, in most cases, unsatisfactory results. The performances of the Maxim (American) and the Wetteren (Belgian) powders have, however, been fairly comparable with those claimed to be obtained abroad, and it is hoped that one of these can be developed in time into a thoroughly satisfactory small-arms powder. As the Wetteren variety is being produced in large quantities in Belgium, and there is as yet no smokeless powder manufactured in this country except in an experimental way, 500 pounds of the Wetteren were ordered in May, and the manufacture of 100,000 .30-calibre cartridges begun at Frankford Arsenal for use in testing small calibre and magazine arms. The usual difficulty has been experienced in procuring the shipment of this powder, and its delivery will probably be delayed several months, carriers rarely consenting to transport small quantities of explosives.

#### SMALL CALIBRE AND MAGAZINE ARMS.

The lack of a sufficient quantity of a suitable smokeless powder has prevented the perfecting of all of the details of the .30-calibre barrel, but as soon as the cartridges in process of manufacture at Frankford Arsenal are supplied, work will be diligently carried on, and it can be safely said that the barrel will be complete in all its details by the time a suitable magazine mechanism is selected. It is now eight years since the last magazine gun board recommended the Lee, Chaffee-Reece and Hotchkiss guns for experimental issue to the army. The Lee proved to be much the best of these three, but though an excellent gun and the original type from which the best arms in use to-day have developed, it is not considered by the army at large as equal in all respects to the service Springfield single-loader. The improvement in magazine mechanisms has been rapid since that time, and it seems peculiarly necessary, now that a change in calibre is contemplated, the four present Springfield single-loading system should be replaced if possible by an equally efficient magazine system. Accordingly, this office will recommend that a board be convened to select a suitable magazine mechanism, after a full and free competition among all the best existing systems, as soon as the necessary preparations can be made. Several European nations, during the past few years, have made premature changes of calibre or have adopted crude repeating systems that have had to be abandoned for newer and better ones, often before the armies were fully armed with them.

### APPENDIX 13.

#### SMALL CALIBRE ARM AND AMMUNITION.

*1. Ammunition.* While much practical knowledge has been obtained from experiments with "smokeless" powders, the determination of the most suitable for American small arms has not yet been definitely fixed, but a choice from several promising varieties exists, which may be said to place the question in a fair way for early solution.

Satisfactory velocities have been obtained, but the corresponding pressures still remain objectionably high.

The department deeming an early competitive test of magazine systems desirable and that a pressure corresponding to a velocity of about 1,800 f. s. would be sufficient for their test, the first powder submitted (the Wetteren) that gave this velocity with comparatively moderate and uniform pressures was selected for the manufacture of 100,000 cartridges. These are now being made at the Frankford Arsenal after a model furnished from the National Armory. The use of this powder, however, is not to be considered an adoption of it, but simply a temporary use, that ceases with the test of the magazine systems.

The calibre of the projectile was fixed by the calibre adopted for the rifle, the length by its—the projectile's—weight and form.

It was desirable to associate with high velocity the greatest possible density of section, insuring long range and weight of projectile sufficient "to stop" its target. Two hundred and thirty grains, total weight of lead and jacket, has been fixed upon as its minimum weight, and so far the results of practice have justified it. In addition to this weight, which is greater than that adopted by most of the foreign powers, the cannelling, for lubricant, makes a long projectile, requiring a sharp twist of rifling for stable flight. The twist adopted has, so far, proved entirely satisfactory. Careful experiments at 1,000 yards range show that the projectiles always strike "point on," and recovered projectiles at that range show a perfectly preserved form and impressions of the rifling. The *form* of the projectile and the *jacket* for it have only been decided upon tentatively.

Copper for the jacket, simply for experimental purposes, has been found to work very well—it does not appear that any other kind of metal could work much better—and will

be used, being entirely suitable, for the experimental 100,000 cartridges. Owing to the cannelluring and the method of manufacture of the projectile, the jacket requires no "soldering" to the lead—an important feature in connection with rapidity and economy of manufacture. The cartridge case requires the best of brass for manufacture and to be efficient for its work. The form of it depends upon its cubic capacity, which, to accommodate the powders experimented with, could not be reduced sufficiently to dispense with the bevel shape. It would appear, however, that about a minimum capacity has been given the case unless some better powder should be submitted. One experimenter appears confident of producing a powder that will require but a very small case. Should it be found necessary, as some appear to think, to return to "black powder," modified in some way from the heretofore ordinary use, the capacity of the case may have to be slightly increased, which can be readily done without embarrassing complications.

Early in the experiments brass primers, to prevent piercing by the firing pin and escape of gas, were thought to be necessary, but a reduction of the point of firing pin and in the amount of its projection beyond the face of the breech block show that copper works very satisfactorily, a "stronger" primer composition, however, was found to be required.

Only after the final selection of a powder can the niceties of the case and projectile be determined—only then can it be said that experimenting for the best form of projectile has begun.

*II. The Rifle.*—On account of the high pressures and the consequent sticking, from the form of and want of elasticity in the case, the Springfield system is suitable for powders giving great velocity. The "positive" cam makes it a perfectly safe one, but unless the form and elasticity of case can be made so as to give practically no resistance to extraction the difficulty of opening the breech may rule the Springfield system out for small-bore rifles. In bolt systems the mechanical construction provides for difficult extraction, though the opening of the breech may still be affected.

The even .30-calibre was chosen as being the smallest admissible, all things considered, not from any special principle involved, 7½ and 8 millimeters being generally the calibres adopted abroad.

It would appear from the experience of the National Armory that .30-rifle barrels can be made and rifled without any marked change in the methods used for the .45, but less rapidly, and consequently less economically. It also appears quite probable that resort will not have to be made to high grade steels for gun barrels, though high pressures must be provided for. Generally the outlook for the production of .30-calibre arm and ammunition without radical changes in methods and material and greatly increased cost is very favourable.

The projectile requiring rapid rotation for stability, one turn in 9-5 inches, has been given the rifling of three equal lands and grooves 0.005 inch deep. This combination gives in the small calibre the excellence attained in the .45 and possesses marked advantages for manufacture. The chamber, of course, has had to conform to the cartridge case, constructed as above set forth. The bore, rifling, and chamber established, the remainder of the arm, excepting a reduction of thickness of barrel for the Springfield rifle, is readily determined. With a barrel reduced to about what appears the required thickness and shape, a Springfield rifle has recently made the most perfect target of ten shots ever made at the armory at 1000 yards—every shot in the "bullseye" but one, which was just outside of it.

The indictment formulated by M. Greville Riache against the French Minister of Marine, Barbey, for having ordered quick firing guns for the French Navy from Messrs. Armstrong and Krupp, gave rise to a spirited debate in the French Chamber, May 27. It appears that the Minister never thought of supplying the French Navy with Krupp guns. He did, however, buy two Armstrong guns of 12 and 15 centimeters in order to test them against Canet guns of the same calibre, reserving the right to adapt for the French guns any improvements the English guns might possess, without further compensation.

The *Rousskii Invalid* gives some startling figures showing the sensible increase year by year in the rank and file of the Russian Army. In the year just ended, April 1st, 1891, the results of the new recruiting regulations were as follows:—The number of young men taken by the ballot was 878,011, of whom 47,728 were Jews. The number exempted from domestic circumstances was 420,757, thus giving 457,254 as amenable to military service. Deducting various categories not counted as available, and allowing for five years' service with the colours, this annual contingent will furnish not less than one million five hundred thousand men permanently enrolled on the peace establishment, and this total does not bear with any particular hardship upon the Russian population, which, exclusive of Finland, amounted in 1888 to 112,342,758 inhabitants, in which year were born 5,116,996 children, while the deaths were only 3,335,518, showing a gain of 1,781,478.

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**Militia General Orders (No. 11) of 26th June, 1891.****No. 1.—ACTIVE MILITIA.****PERMANENT CORPS.**

**CAVALRY SCHOOL CORPS**—Lieutenant and Brevet Captain Edward Hampden Turner Heward, is transferred to the Company of Mounted Infantry, to date from 11th June, 1891.

**INFANTRY SCHOOL CORPS**—Lieutenant Thomas Dixon Byron Evans is transferred to the Company of Mounted Infantry.

**COMPANY OF MOUNTED INFANTRY**—The appointment of Riding-master is hereby abolished.

Ridingmaster Edward Worrell Graham Gardiner to be Lieutenant on the establishment.

**ARTILLERY.**

**1ST BRIGADE OF FIELD ARTILLERY** Guelph O.—No. 2 Field Battery.—To be 2nd Lieutenant, prov.: James Livingston Simpson, Gentleman, *vice* T. McCrae, promoted.

**DURHAM FIELD BATTERY OF ARTILLERY**, Port Hope, O.—To be 2nd Lieutenant: Sergeant Robert Gillies, R.S.A. (1st B.), *vice* C. J. Snyder, promoted.

**MONTREAL FIELD BATTERY OF ARTILLERY**, A.—To be 2nd Lieutenant, prov.: Joseph Andrew Benyon, Gentleman, *vice* R. Costigan, promoted.

**WELLAND CANAL FIELD BATTERY OF ARTILLERY**, O.—To be Lieutenant: Sergeant-Major Charles Fraser Jeffrey, R.S.A. (1st B.), *vice* A. B. Clendenning, resigned.

**1ST "HALIFAX" BRIGADE OF GARRISON ARTILLERY**, N.S.—To be Lieutenant: 2nd Lieutenant Allan Homer McLarren, R.S.A., *vice* Walter Philip Brown, who is permitted to retire retaining rank.

To be 2nd Lieutenants, prov.: Robert King Pooley, Gentleman, *vice* Thomas Landram Harvey, who retires from the service.

George Brown McDonald, Gentleman, *vice* A. H. McLaren, promoted.

Major Herbert Alfred Boggs is permitted to retire retaining rank.

**MONTREAL BRIGADE GARRISON ARTILLERY**, Q.—Major Walter Hunter Laurie is permitted to retire retaining rank.

**DIGBY BATTERY OF GARRISON ARTILLERY**, N.S.—To be Lieutenant: Sergeant Alfred Douglas Daley, R.S.A. (1st B.), *vice* C. J. L. Daley, deceased.

To be 2nd Lieutenant: Sergeant Frank Lee Bacon, R.S.A. (1st B.), *vice* Edmond Bilen, failed to qualify.

**INFANTRY AND RIFLES.**

**1ST BATTALION, "PRINCE OF WALES" REGIMENT**, Montreal, Q.—To be Captains: John Porteous, Esquire, M.S., *vice* George Faulkner Cooke, deceased.

Lieutenant William Langley Bond, R.S.I., *vice* Alexander Graham Milloy, deceased.

To be Lieutenant, prov.: Gerald Baldwin McCrae, Gentleman, *vice* W. L. Bond, promoted.

To be 2nd Lieutenants, prov.: Thomas Francis Dobbin, Gentleman, *vice* W. L. Bond, promoted.

William Simpson, Gentleman, *vice* G. Lewis, promoted.

**3RD BATTALION, "VICTORIA RIFLES OF CANADA"**, Montreal, Q.—To be Captain: Lieutenant Samuel Baillargé Townsend, R.S.I., *vice* James George Ross, who is permitted to retire, retaining rank.

To be Lieutenant: 2nd Lieutenant George Arthur Sicotte Hamilton, R.S.I., *vice* S. B. Townsend, promoted.

To be 2nd Lieutenants, prov.: George Green Foster, Gentleman, *vice* G. A. S. Hamilton, promoted.

James Norman Stewart Leslie, Gentleman, *vice* Edward Ashworth Whitehead, who reverts to the Unattached List of Lieutenants.

**5TH BATTALION, "ROYAL SCOTS OF CANADA"**, Montreal, Q.—To be 2nd Lieutenant, prov.: William Forbes Forbes, Gentleman, to complete establishment.

**6TH BATTALION, "FUSILIERS"**, Montreal, Q.—To be 2nd Lieutenant, prov.: Frederick Henry Denison, Gentleman, *vice* V. E. Mitchell, promoted.

**7TH BATTALION, "FUSILIERS"**, London, O.—To be 2nd Lieutenants: 2nd Lieutenant Lewis Henry Dawson, R.S.I., *vice* C. Elloit, resigned.

2nd Lieutenant Henry Ardagh Kingsmill, R.S.I.

To be 2nd Lieutenant: 2nd Lieutenants Thomas Fraser Homer Dixon, R.S.I., from 10th Battalion, *vice* W. C. Coe, resigned.

Frederick John Collett, Gentleman, *vice* L. H. Dawson, promoted.

Frederick Jesse Fitzgerald, Gentleman, *vice* H. A. Kingsmill, promoted.

**9TH BATTALION RIFLES, "VOLTIGEURS DE QUEBEC"**, No. 6 Company.—To be Lieutenant, prov.: Corporal George Turcot, *vice* V. Gingras, resigned.

**10TH BATTALION, "ROYAL GRENADIERS"**, Toronto, O.—To be 2nd Lieutenant, prov.: William Robert Pringle, Gentleman, *vice* Thomas Fraser Homer Dixon, transferred to 7th Battalion.

(Continued next week.)

The War Office returns of the military offences charged against soldiers at home during last year show that 5814 courts-martial were held for trial of 9153 offences, 2086 of the latter being for making away with necessaries, 1514 for desertion, 2086 for absence without leave, 352 for fraudulent enlistment, 282 for other offences in relation to enlistment, 809 for violence and disobedience to superiors, 829 for minor insubordination, 146 for quitting or sleeping on post, 333 for drunkenness on duty, 366 for drunkenness, 403 for disgraceful conduct, and the remainder for miscellaneous offences. In all 5681 sentences were given by court-martial, punishment being inflicted in 5590 cases, the sentence quashed in 24 cases, and wholly remitted in 67. Beside the trials for drunkenness mentioned, 4684, or 46 per 1000 of the average home strength, were fined for drunkenness, 8053 fines in all being inflicted; 2769 men were fined only once, 1061 twice, the numbers diminishing to four men fined nine times.

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