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THE CANADIAN

Military Gazette

Successor to the Canadian Militia Gazette.

VOL. IX. No. 16.

MONTREAL, AUG. 15, 1894.

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THE CANADIAN

MILITARY GAZETTE,

(Successor to the Canadian Militia Gazette.)

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MONTREAL, AUG. 15, 1894.

Note and Comment.

The reduction of the caliber of guns is necessarily accompanied with a diminution in the weight of the projectile. The length of the latter, in fact, cannot exceed a certain limit, beyond which it would no longer have sufficient stability in its trajectory. It would, therefore, be of considerable interest to have at our disposal, for the manufacture of rifle balls, a metal of reasonable price and heavier than lead. One of the metals upon which hopes may be founded, remarks the Revue d'Armes Portatives et de Tir, is tungsten. This metal, which is almost as hard as steel, has a density varying from 17 to 19.3, say

one and a half times that of lead. By reason of such qualities, balls of tungsten, of equal dimensions, possess a power of penetration much greater than that of lead. Thus, a tungsten ball penetrates a steel plate 3 inches in thickness at a distance of 650 yards, while a similar one of lead penetrates a 2 3/4 inch plate at 325 yards only. The present obstacle to the use of tungsten is its relatively high price, but there are indications that this will soon be lowered to reasonable figures.

The following is the history of the sword of General Wolfe, which is to be presented to Canada:—Wolfe died on the field of victory, as is well known, on the 13th of September, 1759, and his sword was supposed to have been left on the field when the general's body was removed. When the monument to mark the spot where Wolfe fell was being erected, on the Plains of Abraham, one of the artisans turned up from the earth a silver handled sword. On account of its richness it was said that it must belong to the commanding officer, and that is its only claim to authenticity. It was sold by a gunsmith who had bought it at an increased price, to Mr. Derbyshire, of Derbyshire and Desbarats, Queen's printers for Upper and Lower Canada. Mr. Derbyshire, who was a public spirited man, presented the sword to Major Dunn, who was then leaving Canada with the 100th Regiment. Whether there was any inspiration in the memory of Wolfe or not, Col. Dunn distinguished himself. After the charge of the "Light Brigade" at Balaclava, in which Col. Dunn took part, when the Victoria Cross

was to be awarded to the most heroic of the "400," the officer in command asked the men to name who should receive it, and with one accord they shouted, "Dunn, of the 11th Hussars." The sword of Wolfe and the Victoria Cross of Col. Dunn passed into the possession of his brother-in-law, Mr. Thurlow-Dowling, in whose possession they now are.

According to the following paragraph from the Volunteer Record, the need of more clear definitions of clothing orders are as much needed in England as here:—

In connection with the regulation regarding the uniform to be worn in the "Westminster" it would seem, after the protest entered by the 4th Manchester against the 2nd Liverpool, that a clearer definition of the meaning of "drill order" should be given in the programme book. A literal and also a liberal reading of the regulations ought not to be possible. To the military mind the words "drill order" mean what they are intended to convey when a commanding officer utters or issues them. To the N. R. A. Council, who are, perhaps with a single exception, members of one branch or another of the Service, they have a different meaning. The leaders of teams who were so conscientious as to interpret the "drill order" rule literally in regard to head gear, did so to the manifest handicapping of their men, whose glen-garries, pork pie and field service coverings were but poor protection from the glaring sun, as against the Wimbledon shooting caps worn by the winning team. We are far from wishing to detract from the merit of the excellent total of marks which gave the 2nd Liverpool the victory, but we are bound to point to the anomaly which no doubt helped them to gain it.

The league season is over and the winners as seen by the return we publish in this issue are now named.

Peterboro takes the lead in the 10 men team, the 57th having a lead of 16 points over the 45th of Lindsay, who are followed, though not very closely, by the 43rd of Ottawa.

In the 20 men team series, as in the 30 and 40 men teams, the 43rd

prove themselves to be undoubtedly the strongest shooting battalion in Canada, and they have our congratulation on the high average their 40 men teams have made, the total of 12,428 giving an average of $77\frac{1}{2}$ points per man for each match.

The veteran Halifax shot, Major Bishop leads in the individual series and total, equalled by St. Sgt. Bartlett of the 57th, 374, giving an average of $93\frac{1}{2}$ points per match, is one of which any shot might well be proud. He has well earned his title and badge as league champion.

In the Snider series, as was anticipated, the 13th of Hamilton 1st team of 10, and their 20 and 30 walked off with all the honors, individually.

Sergt. Major Archer, of Coburg R. A., leads the field with a total of 368, averaging 92 points or only $1\frac{1}{2}$ point below the Martini champion, Major Bishop.

The 13th had 7 teams shooting in this series, their 30 men team averaging $80\frac{3}{4}$ points per man through the match, placing them with the Snider, in the same relative position as the 43rd with the Martini except with the added merit may be of having shot with their regimental arm.

The competition for the Patterson Sharp Shooter's Trophy open to those belonging to battalions or associations who have had teams entered in the league matches, and the President's prize (Col. Anderson) for the aggregate scores of ten men teams, will be the closing events for the league season of 1894, and we trust that a large assemblage of marksmen will greet the winners at the distribution of prizes, which will take place some time during these matches.

The competitors meeting at the Province of Quebec Rifle Association matches was called off as no one turned up.

A good deal of "kicking" is often heard about the way matches are run and the executive of an association are always glad to get pointers from practical men as to any improvements in the programmes that may be possible.

If competitors will not attend the "grievance meeting" how are they to get improvements effected? Walk up, competitors.

News of the Service.

NOTE.—Our readers are respectfully requested to contribute all items of Military News affecting their own corps, districts or friends, coming under their notice. Without we are assisted in this way we cannot make this department as complete as we would desire. Remember that all the doings of every corps are of general interest throughout the entire militia force. You can mail a large package of manuscript, so long as not enclosed in an envelope, for one cent. At any rate, forward copies of your local papers with all references to your corps and your comrades. Address,

EDITOR, CANADIAN MILITARY GAZETTE

P.O. Box, 387, Montreal, Que.

Toronto.

At the old drill shed last night an official enquiry was held as to the truth of a charge laid against two members of the Royal Grenadiers that they had altered their score cards, used at the Lake Shore ranges, thus giving the impression that higher aggregates had been made than was really the case. The charge was substantiated, and both men were forbidden the use of the ranges for the rest of the season.

It must not be supposed that the other battalions are free from this kind of work. Since the commencement of the season complaints have been made that the practice is persistently followed by members of the 48th Highlanders. Those who complain do not care to lay the charges before the proper officers, fearing to bring upon themselves annoyance and trouble. They, however, feel that, in the interests of the corps, steps should be taken to render this cheating, for it can be called by no other name, impossible. In the Queen's Own it is said also that the practice is indulged in. It would seem that more than one method is employed by those who are mean enough to engage in this deceitful practice. In some cases erasures are made while the marksmen pass from one range to another, and low scores are made higher. Again, three or four men get together, and, as is the practice, keep each other's score card. By previous arrangement each man fires from three to half a dozen shots over the official number of rounds. Then the score is made up from the shots scoring the greatest number of points. Each man signs his comrade's card, which is handed over to the executive officer, who, of course, takes it for granted that it is correct. There can be no doubt that experienced marksmen, whose scores in any case average well, have been guilty of this cheating. It is to be hoped that the fear of prompt punishment, in case of detection, will influence in the right direction those who would otherwise keep up the deception. The whole business is cowardly and base, and calculated to deaden among the younger members of the corps that spirit of British fair play which should be one of the distinguishing characteristics of Canadian militia. To the Royal Grenadiers belongs the credit of making the first move to stamp out the wrong. The charge was laid by their own executive range officer, and when substantiated punishment was meted out speedily, as above. It is now in order for officers of the other corps to see that the practice,

where and when detected, is dealt with as promptly.—Mail, July 25th.

Quite a number of riflemen visited the Long Branch rifle ranges yesterday. Considerable interest was taken in the match between the Hamilton and Toronto Rifle Clubs. The men from the Ambitious City succeeded in outdistancing the Toronto marksmen by ten points. Three matches have been fired between teams from Hamilton and Toronto. This made two wins for Hamilton and one win for Toronto out of the three matches. The shooting has been very close in the three matches.

There was a very heavy nine o'clock wind blowing all day yesterday. The light was dull, but good for shooting, and although the wind was strong it was fairly steady. The top score of the day was made by Staff-Sergt. McVittie, who glories in a gale of wind, and who seems to shoot all the better when a hurricane is blowing.

Lieut. Paine captained the Hamilton team, and Capt. Orchard the Torontos. The scores were as follows:—

HAMILTON VICTORIA RIFLE CLUB.

Surgeon Ross.....	31	32	28	91
Sergt.-Major Huggins.....	30	27	33	90
Pte. Murdock.....	30	28	28	86
Sergt. Mitchell.....	26	32	25	83
Lieut. Paine.....	25	31	25	81
Staff-Sergt. Miller.....	29	29	23	81
Pte. Bertram.....	27	30	23	80
Pte. Margets.....	27	29	23	79
Sergt. Marris.....	26	29	23	78
Pte. Robertson.....	27	25	20	72

Total..... 821

TORONTO RIFLE ASSOCIATION.

Staff-Sergt. McVittie.....	31	32	30	93
Lieut. McNeill.....	29	28	28	85
Capt. Orchard.....	26	27	31	84
Lieut. Davison.....	26	32	26	84
Capt. Elliott.....	30	29	25	84
Major Macdonald.....	27	28	26	81
Staff-Sergt. Harp.....	30	24	23	77
Sergt. Meadows.....	26	22	28	76
Capt. Fairburn.....	28	23	25	76
Col.-Sergt. Fowler.....	26	24	21	71

Total..... 811

After the match had been shot off, the members of the Toronto team entertained the visitors to luncheon.—Mail, Aug. 2.

Kingston.

The strength of "A" Battery has been increased by 20 men and four guns. There are now 124 men in the force. Several non-commissioned officers have been appointed. During last month twelve men deserted from the battery. The soldiers complain of the harshness of the non-commissioned officers, and it is predicted that more will desert.

In the manœuvres of the German Army this year there will be served novel features of considerable interest. The First and Seventeenth Army Corps will perform their task before the Emperor in East Prussia at the beginning of September. After the grand parade of the 17th Corps before the Emperor at Elbing on September 7, that will manœuvre against a masked enemy at Elbing on the 8th, and against the 1st Army Corps between Elbing and Braunsberg on the 10th, 11th, and 12th. These evolutions are looked forward to in German military circles with more than usual interest, owing to the numerous innovations which are to be practised for the first time.

OUR SERVICE CONTEMPORARIES.

According to the "Times," the secret of the new Russian projectile which was recently tried and found so successful in penetrating armour-plates is said to have been discovered by a firm in Sheffield, who have offered to supply the Government with shells similar to those used in Russia.

Before leaving England the Czarevitch presented Staff-Captain Goldsmith, of the "Alberta," with a silver cigarette-case bearing the Russian Imperial monogram set in brilliants and sapphires.

It is always interesting to review the composition of the Queen's Hundred. It was made up of fifty-five representatives of English, thirty-six of Scotch, seven of Colonial (Canada and Channel Islands), and two of the Welsh corps. The 3rd Lanark had nine men in the charmed century, and the Border Rifles five. The arms represented were: Engineers, three; Artillery, two; while the Infantry claimed all the rest, the Cavalry being left out in the cold. We have great admiration for the shooting officer, and have, therefore, pleasure in recording that twelve of those that competed gained badges, which, by the way, they are not permitted to wear by the regulations.

It is often said that the European soldier in India bears the hot season much better than he did formerly, and medical statistics are quoted in proof of this argument. But have not the times changed considerably? We have particulars before us of "hill stations," and from these we find that in the Bengal Presidency alone 14,687 men, 656 women, and 1,354 children, are occupying hill quarters during the present summer. The British soldier in the old days knew nothing of "hill stations." He had to grill on the plains all the year round, and if his health suffered he had simply to grin and bear his sufferings—Army and Navy Gazette.

Some few years ago the French War Office determined to issue separate cooking utensils for each individual soldier when manœuvring or campaigning. After a sufficiently long trial, however, the new system is condemned. It has decided to divide the men into groups, of four, who are to receive collective rations. One man will carry on his knapsack a large saucepan, another a kettle, a third a tin water bottle, and a fourth all the odds and ends that are necessary.

King Humbert, on hearing of the capture of Kassala, at once telegraphed his congratulations to General Baratieri as follows:—"I congratulate you, together with the troops. The success of our arms is a new triumph for civilisation. The possession of Kassala gives back peace to the tribes protected by us, opens the route of the Soudan to the commerce of

our colony, and is a new title of honor to Italy in those lands. All this is due to you and our valorous soldiers. I grasp your hand with affection.—Humbert." The number of flags and banners taken by the Italians was forty-six. Many of the dervishes have since surrendered. They tell a sad story of the miserable condition of their companions. By general consent the campaign has been admirably planned and conducted.

A German paper publishes particulars of the shells discharged by the Germans against the French fortresses in the war of 1870-71. Strasburg heads the list with 202,100, whilst Beifort received 112,500; Paris, 110,300; Thionville, 16,600; Neuf-Busach and Fort Mortier, 11,200; Verdun, 8,900; Soissons, 8,400; Bitche, 7,100; Mézières, 7,000; Toul, 6,700; Montmédy, 6,700; Longy, 6,400; Metz, 4,900. Others follow with 3,000 down to 100. The grand total reaches 521,000 shells.

Renewed efforts are being made in Germany this year to introduce a fish ration for the Army. The experiment is being tried in the regiment of Guards. Similar attempts have failed hitherto in consequence of the difficulties of transport, but technical arrangements have been made by which it is hoped that the supply of fresh fish can be kept up and sent to long distances inland even in the hottest weather. If these prove to be successful, on one or two days a week most regiments will have the benefit of a fish meal. This, it is hoped, will be a popular as well as an economical measure.

It is stated that the military authorities have definitely refused Herr Dowe's cuirass as being worthless for practical purposes. During the trials at Spandau the cuirass was completely pierced by bullets from the German regulation rifle, fired at a distance of 600 mètres. This statement is quite irreconcilable with the alleged results of former tests.

It is interesting to know, on official authority, that in the last twenty years the Australian colonies, including New Zealand, have spent at least three millions sterling on the construction of armaments and fortifications; Cape Colony as much as £47,000; and, further, that the total expenditure of Canada, the Australian colonies, Cape Colony, and Natal on defences during the ten years up to 1892 reached the pretty considerable sum of eleven millions sterling. An annual expenditure of £12,000,000 shows that the colonies are becoming sensible of their own interests, and are being brought to see that they must do something to protect themselves. The more this is impressed upon them the better, for, so far as land defences are concerned, the mother country would have enough to do to guard her own shores and commerce in the event of complications arising.—Army and Navy Gazette.

In a report recently submitted by Capt. E. N. Godwin, 8th Cav., on Alumium horseshoes, that officer says: "The shoes were on Feb. 22 put on a troop horse which weighed about 1,000 lbs. On March 22 the shoes were reset. April 21 one of the hind shoes broke near the toe, and the whole set was removed. During the two months the horse was ridden about 140 miles, not including drills, parades and the ordinary garrison duties. The shoes are much reduced in thickness, of course, but have lasted better than was expected. The front shoes could be used a little longer. The pieces of steel set in the toes of the front shoes added greatly to their wearing qualities. They were worn off at the toes until the pieces of steel were reached and further wear in that direction prevented. The hind shoes, which had not these pieces of steel set in, wore quite thin at the toes, and, as stated, one of them finally broke; the other was broken in taking it off."

The ramming of a derelict by the Atlanta with unexpected damage to the warship has reawakened renewed interest in the question of the value and dangers of ramming. Commander Harrington lectured at the Naval War College last Monday on the place and office of a ram in a fleet. He did not allude to the Atlanta's experience, but Captain Taylor, president of the college, in opening the discussion, said that he had seen a large craft ramming a smaller vessel, as the Atlanta had done. The result was that the ram went under the craft and raised it up, and the extra weight on the bow elevated the ship astern, so that she was practically unmanageable and was easily taken by two small war ships. This experience gave the cue to the discussion, in which several officers took part, and the general opinion was that small craft should not be rammed by large vessels, but attacked with guns, for ramming tactics between large and small craft might result very unexpectedly with most injury to the larger ship.

The Detroit "Evening News," in announcing the reception of orders from the War Department to hold the troops at Fort Wayne in readiness for immediate service, gravely informs us that Asst. U. S. Attorney Wilkins "instructed Major Smith to provide his command with ammunition and not to use a single blank cartridge, if occasion require the use of the troops." This was very thoughtful of Mr. Wilkins, and it is gratifying to know that Major Smith has such competent legal advice at hand. It would certainly be very unfortunate if he should forget his ammunition.—U. S. Army and Navy Gazette.

The hail of bullets which will sweep over the battlefield of the future will have little regard for the Geneva Cross, and the surgeon will undoubtedly perish with the wounded whom he has come to succour. We would substitute for the present system an organisation which would attempt to grapple with the problem of

treating the wounded by the aid of field hospitals well in the rear, to which no wounded would be brought till the fighting had ceased. The idea of carrying off the wounded from a modern battlefield while the fight is still raging is utterly absurd, and should be dismissed at once, while the system which would needlessly sacrifice the lives of the majority of our army surgeons, at the very time when they would be most needed, is entirely indefensible, and opposed to all experience and common sense. The lot of the wounded in the next European war will be terrible enough in any case; it will not be improved by a massacre of the doctors.—Pall Mall Gazette.

A return has been issued showing the military expenditure of the Government of India in India and England for each year from 1875 to 1892-93, together with a memorandum of the principal causes of the increased expenditure in 1892-93, as compared with 1875-76. The increase from 1875-76 to 1892-93 is 7,717,214 rx., of which the following is an explanation:—Increase of troops—British, 10,753 at 891 rx.=958,092 rx.; Native, 19,220 at 345 rx.=659,246 rx.—1,617,338 rx.; loss by exchange on pay of British soldiers, and on sterling expenditure, 3,139,787 rx.; increase in home pensions, mainly due to the growth of the colonels' allowances, derived from a much larger number of officers than that now existing—the ordinary pensions have also been increased 929,822 rx.; Native army reserves, 42,740 rx.; increased pay of Native cavalry, 86,850 rx.; extra expenses in Upper Burmah, 502,500 rx.; minor field operations, 254,657 rx.; pensions to natives, due partly to various reorganisations, and partly to wars, 206,571 rx.; War Office arrears included in 1892-93, 212,458 rx.; deferred pay, 208,000 rx.—total, 7,200,723 rx. This leaves a balance of 516,491 rx. to be accounted for. There are many items which go to make up this increase, in which the following are the chief:—Accelerated rates of promotion for Medical and Staff Corps officers; increased pay to British warrant and non-commissioned officers and men, and the establishment of paid lance rank; increase of the volunteer forces and of their allowances; creation of the Indian nursing service; various concessions to the native troops, as kit money, &c.; higher prices for Australian horses owing to a fall in exchange; more expensive ordnance, rifles, and ammunition, and a larger allowance of the latter for musketry practice; increased pay of Roman Catholic priests; rise in prices, adding to the cost of feeding men and horses, and to the charges for compensation for dearness of food and forage.

A contemporary asserts that one of the grievances of the private soldier in the British Army is that he is not allowed to have speech with his captain except when accompanied by a non-commissioned officer. It is stated that, by a recent Imperial order, a private who considers himself ill-treated by a comrade or

superior, may lodge his complaint directly with his captain. We are not told whether the German private in such a case can merely insist on a non-commissioned officer taking him to his captain, or whether he can go unaccompanied to his captain. Be that as it may, a German is not an Englishman, and what might answer with the former would not answer with the latter, and "vice versa." As a matter of fact, it might lead to very disastrous consequences were a British private empowered to go straight to his captain without being accompanied by a non-commissioned officer. The man might be drunk, infuriated by passion, or meditate an insult or act of violence. Should he behave in an unseemly or violent manner there would be no witness, and a court-martial might be placed in the unpleasant predicament of having to weigh the word of the private against that of the captain. Where, however, a relaxation of the existing wholesale rule might be allowed with advantage, is when the private wished to speak to his captain about some private matter not connected with the service. We have known that relaxation permitted without any abuse of the indulgence taking place. Of one thing we feel certain, namely, that there is in our service no widespread feeling of grievance in connection with this matter.—Broad Arrow.

The condition of the navy still occupies some space in the daily newspapers. To a contemporary, Admiral of the Fleet Sir Thomas Symonds and Admiral Sir George Elliot have recently written long letters. The former quotes, from the last Parliamentary return, the comparative numerical force of England, France, and Russia:—

England, 1st Class battleships.....	22
" 2nd " " 	12
" 3rd " " 	11
" Coast defence.....	15
	60
France and Russia, 1st Class battleships	25
" " 2nd " " 	21
" " 3rd " " 	6
" " Coast defence.....	52
	82
	60
	22

"Our officers and men," says Sir Thomas, "are 22,400 short, while France and Russia can man all their available ships, merchant cruisers, lighthouses and defend with mines and coast batteries their coasts. It is impossible that in a minority of 22 armourclads we can face triumphantly 22 more battleships and defend a commerce equal to that of the whole world—our life's blood. The armoured cruisers are—England 26, France and Russia 25. But our cruisers are very bad; seven of them—viz., Aurora, Australia, Galatea, Narcissus, Orlando, Undaunted, and Immortalite—have no fore and aft bulkheads, and are thus quite unfit for battle; besides, nine are old dummies, wrong in all ways—viz., Warrior, Black Prince, Minotaur, Agincourt, Northumberland, Shannon, Northampton, Nelson, and Achilles."—United Service Magazine.

In the course of a paper recently read before the Colonial Institute, Bishop Sel-

wyn referred to the assistance and help he has always received at the hands of the Naval Service. Adverting to the need for a strong man to preserve peace among the islanders of the South-West Pacific groups, one who "should know and be known, whose word was absolutely trusted whether in threat or in reward," he expressed his preference for "some good naval officer," whom he would put in "an old roomy comfortable tub, with a gun or two, a few blue jackets to man her, and a force of sixty or seventy native police, recruited, say, in Fiji, well drilled and well officered. With such a force he could go anywhere among the islands; he would soon be known, feared, and trusted. He would have time to investigate carefully, and to wait and persist until he could really reach the wrong-doers. He would exercise a salutary and wholesome influence on the white traders and the crews of the trading vessels, while at the same time he protected them." We do not understand if the Bishop proposed that such a vessel should be supplied by the Navy at public expense or by the Missions at their own cost, but it is surely time that the question of the allocation of expenditure on such vessels, and those employed in the African rivers, should be settled. The principle that all ships built and maintained out of the Navy Estimates should be capable of use for war purposes is surely the right one to guide us in this matter.

Lieutenants Degouy and Delguey-Malavas of the French Navy, who were seized in Germany, and imprisoned at Glatz for espionage, have returned to Paris, having been released by the clemency of the Emperor, as a mark of his sympathy with France in the tragic death of President Carnot. They gave to a representative of the "France Militaire" a pleasant account of their sojourn in the fortress. They had been treated with greater consideration than could have been expected; the Governor was full of kindness; they were permitted to receive French papers and visits, without much formality, and even to receive and despatch sealed letters, having first pledged themselves to reveal nothing and to attempt nothing. In a word, they were treated as prisoners of war, and the Prussian officers showed them much kindness. As they drove to the station at Glatz flowers were thrown to them, and as the train steamed away many called out, begging them to retain pleasant recollections of the Fatherland. They declare that this warm feeling was for France rather than for themselves.

A report of the Russian Naval Library at Cronstadt shows that on January 1, 1894, it included 46,304 works, in 78,138 volumes, whereof 28,370, in 50,576 volumes, were Russian, and 17,934, in 27,607 volumes, foreign. Of newspapers and serials the library receives 102 Russian, 18 French, 18 German, 16 English, 1 Polish, and 1 Italian. The receipts and expenditure in 1893 exceeded 10,000 roubles.

Province of Quebec Rifle Association.

We append the complete scores made at the 26th Annual Prize meeting of the Province of Quebec Rifle Association. There were about 116 competitors entered in the different aggregate matches. The weather, pleasant enough on the first and third day was frightful on the second and all through unfavorable to high scores. No less than 15 members of the Bisley team shot through the matches and as was to be expected they carried off a fair share of the prizes.

Colonel Mattice as executive officer, and Major Hodgins G.G.F.G., and Capt. Plunket Taylor G.G.F.G., and Captain Mercer and Wyatt of the Queens. Own as Range officers are to be congratulated for the efficient manner in which they ran the meeting.

FIRST MATCH—NURSERY.

This match is open to all members of the P.Q.R.A. and of affiliated associations who have never won an individual prize at any provincial or Dominion match. It is a seven shot match at 500 yards, highest possible score 35 points.

	Score	Prize.
Corp. E. Houlton, R.C.A.....	33	\$10
Bomb. E. Thompson, R.C.A....	29	8
Gun. B. Bennett, M.G.A.....	28	6
Capt. G. Cameron, Royal Scots.	26	5
Corp. W. Drysdale, 6th Fus.....	26	4
Lieut. J. Aestell, 54th batt.....	26	3
Pte. G. Copping, V.R.C.....	26	3
Pte. S. Quinney, 43rd batt.....	25	3
Pte. Strathy, V.R.C.....	24	3
Pte. W. H. Ward, 54th batt.....	24	3
Corp. W. J. Pendleton, P.W.R..	34	3
Sergt. Inst. Rambault, R.C.A...	23	3
Pte. F. A. Gasgoine, V.R.C.....	23	3
Pte. W. Mills, V.R.C.....	23	3
Gnr. J. Morrill, M.G.A.....	22	3
Q. M. Sergt. Cleveland, 54th batt.....	21	3
Pte. Burns, P.W.R.....	21	3
Corp. Sutherland, R.C.A.....	20	3
Lieut. R. B. Hutchison, P.W.R.	19	3
Capt. A. McEwen, M.G.A.....	18	3

Two eightheens counted out.

2ND MATCH, MERCHANTS "A" 10 SHOTS

AT 500 YARDS, M. H.

Sergt. R. Binmore, V.R.C.....	49	\$15
Sergt. D. Mitchell, 13 batt.....	48	12
Sergt. C. M. Hall, 79th batt.....	48	10
Pte. Strathy, V.R.C.....	48	8
Pipe-Sergt. J. Clarke, Royal Scots	46	6
Lieut. R. A. Helmer, 43rd batt.	46	5
Qr.-Master Sergt. Case, H.G.A.	46	5
Pte. C. S. Scott, 43rd batt.....	46	5
Staff-Sergt. D. McCrea, V.R.C.	46	5
Pte. A. Thompson, V.R.C.....	45	5
Capt. John Hood, P.W.R.....	45	5
Sergt. J. G. Clarke, P.W.R.....	45	5
Sergt. Thompson, 12th York...	45	5
Pte. T. Hayhurst, 13th batt.....	45	5
Lieut. King, 45th batt.....	44	5
Lieut. G. Margetts, 13th batt....	44	4
Staff-Sergt. Simpson, 12th York	44	4
Sergt. W. H. Clarke, 13th batt.	44	4
Lieut. W. R. Moffatt, 79th batt.	44	4
Col.-Sergt. B. Howard, 6th Fus.	44	4
Col.-Sergt. J. W. Bangs, P.W.R.	44	4
Pte. W. A. Smith, Royal Scots.	44	4
Pte. R. Moodie, 43rd batt.....	44	4
Capt. G. A. McMicking, 44th batt.....	44	4
Lieut. G. W. Runions, 59th batt	44	4
Gun. G. W. Sharpe, M.G.A.....	44	3
Sergt.-Major Higgins, 13th batt.	44	3
Capt. S. M. Rogers, 43rd batt...	44	3
Corpl. E. Houlton, R.C.A.....	43	3
Corpl. S. D. McNab, Royal Scots	43	3
Capt. R. J. Spearing, 53rd batt.	43	3

Pte. Rolston, 37 batt.....	43	3
Gnr. T. Sharpe, M.G.A.....	43	3
Lieut. D. J. C. Munro, 44th batt	43	3
Sergt. T. S. Baylis, 12th York...	43	3
Lieut. T. Mitchell, 12th York...	43	3
Capt. J. McCallum, P.W.R.....	43	3
Pte. F. Hawkins, V.R.C.....	43	3
Gnr. Turnbull, B.C., G.A.....	43	3
Col.-Sergt. Marks, 6th Fusiliers.	42	3
Sergt. J. Broadhurst, Royal Scots	42	3
Gnr. B. Bennett, M.G.A.....	42	3
Quartermaster-Sergt, Cleveland 54th batt.....	42	3
Lieut. W. R. Andrews, Royal Scots.....	42	3
Capt. M. Pope, V.R.C.....	42	3

Three 42's counted out.

MERCHANTS' NURSERY—SERIES B.

This match is shot in conjunction with the preceding one and is open to all who have never won a prize of over \$5.

	Pts.	
Pte. E. B. Strathy, V.R.C.....	48	\$10
Col.-Sergt. J. W. Bangs, P.W.R.	44	8
Corp. E. Bout, R.C.A.....	43	6
Gun. S. L. Sharpe, M.G.A.....	43	5
Corp. J. McCallum, P.W.R.....	43	4

\$3 prize winners:—

	Pts.
Gun. B. Bennet, M.G.A.....	42
Qr.-Mr.-Serg. E. T. Cleveland, 54th...	42
Pte. Copping, V.R.C.....	42
Lieut. J. E. Astell, 54th.....	41
Pte. F. A. Cascoigne, V.R.C.....	41
Lieut. R. B. Hutchison, P.W.R.....	40
Gunr. Morrill, M.G.A.....	39
Pte. H. C. Quinney, 43rd.....	39
Sergt. McClatchie, V.R.C.....	38
Pte. W. A. Bangs, 43rd batt.....	38
S. J. Mathewson, M.R.A.....	38
Pte. J. White, 6th Fusiliers.....	38
Corp. E. Salmon, P.W.R.....	37
Corpl. T. Gardiner, Royal Scots.....	37
Staff Inst. F. Rambault, R.C.A.....	36

One 36 counted out.

3RD MATCH, HOUGHTON CHALLENGE CUP AND MILITARY MATCH.

Military match, first series, skirmishing—	Points.	Prize
Royal Canadian Artillery.....	142	\$24
13th batt., Hamilton.....	133	20
Montreal Garrison Artillery... ..	133	15
Royal Scots.....	129	12
Prince of Wales Rifles.....	128	8
Next in order—		
43rd Ottawa and Carleton Rifles.....	111	
Victoria Rifles.....	105	
12th York Rangers.....	85	

SECOND SERIES—VOLLEY FIRING.

Royal Canadian Artillery.....	86	\$20
43rd Ottawa and Carleton Rifles	74	15
Prince of Wales Rifles.....	70	12
12th York Rangers.....	65	9
Next in order—		
Montreal Garrison Artillery.....	62	Pts.
14th batt., Hamilton.....	61	
Victoria Rifles.....	57	
Royal Scots.....	28	

HOUGHTON CHALLENGE CUP

For aggregate in both above matches, cup to be held by winning team until next annual matches:—

	Points.
Royal Canadian Artillery.....	*228
Next in order—	
Prince of Wales Rifles.....	198
Montreal Garrison Artillery.....	195
13th Hamilton.....	194
43rd Ottawa and Carleton Rifles...	185
Victoria Rifles.....	162
Royal Scots.....	157
12th York Rangers.....	150

4TH MATCH, ACTIVE MILITIA AND BATTALION, INDIVIDUALS, 200, 500, 600 YARDS.

	Points.
Sergt. R. Binmore, V.B.C., prize \$15	90
Pte D. Cameron, 6th, prize \$12.....	87

Pte T. J. Hayhurst, 13th Batt. \$10...	87
Corp. W. Drysdale, 6th Batt. \$8.....	86
Staff-Sergt. Simpson, 12th Batt. \$6...	86
\$5 prize winners—	
Capt. S. M. Rogers, 43rd Batt.....	85
Sergt. T. S. Bayles, 12th Batt	85
Staff-Sergt. D. McCrae, V.R.C.....	85
Staff-Sergt. Ogg, 1st B.F.A.....	84
Gr. G. W. Sharpe, M.G.A.....	84
Lieut. W. M. Andrews, Royal Scots.	83
Sergt. J. T. Clarke, P.W.R.....	83
Col-Sergt. Howard, 6th batt.....	83
Sergt. W. H. Clarke, 13th batt.....	82
Capt. M. Pope, V.R.C.....	82

\$4 prize winners—

Sergt. Thompson, 12th batt.....	82
Sergt. R. Corrigan, 59th batt.....	82
Sergt. Bell, 12th batt.....	81
Capt. McMicking, 44th batt.....	81
Bomb. T. Pugh, R.C.A.....	81
Sergt.-Major Bridgeford, R.C.A.....	81
Pte W. A. Bangs, 43rd batt.....	80
Corp S. D. McNab, Royal Scots.....	80
Lieut. T. Mitchell, 12th York.....	80
Col-Sergt. Riddle, 6th.....	79

\$3 prize winners—

Pte Thompson, V.R.C.....	79
Lieut. King, 45th batt.....	79
Lieut. Williamson, 45th batt.....	79
Staff-Sergt. McVittie, 10th batt.....	78
Major Thomas, 54th batt.....	78
Gun. Turnbull, B.C.G.A.....	78
Sergt. D. Mitchell, 13th batt.....	78
Sergt. J. Broadhurst, Royal Scots....	77
Sergt. G. Lavers, 6th Fusiliers.....	77
Lieut. Vermilyea, 15th batt.....	77
Lieut. N. R. Moffatt, 79th batt.....	77
Capt. R. J. Spearing, 53rd batt.....	76
Gunner T. Sharpe, M.G.A.....	75
Quartermaster Sergt. Case, H.G.A...	75
Pte C. S. Scott, 43rd batt.....	75
Gr. W. Pugh, R.C.A.....	75
Staff-Sergt. J. J. Bell, M.G.A.....	75
Sergt. T. Mitchell, 13th batt.....	75
Pte J. Kambery, Royal Scots.....	75
Staff-Sergt. D. A. Smith, 59th batt...	75
Sergt. Lloyd, 6th Fusiliers.....	74
Major J. J. Mason, 13th batt.....	74
Sergt. D. A. Bethune, Royal Scots...	74
Pte H. A. Quinney, 43rd batt.....	74
Col-Sergt. Pratt, 6th Fusiliers.....	74
Pte A. Robertson, 13th batt.....	74
Sgt. J. Drysdale, B.W.B.....	74
Sgt. J. Scott, 6th Fusiliers.....	73
Lieut. Elliott, 12th York.....	73
Lieut. Desbarats, R.L.M.R.A.....	73

118 entries. Two 73's counted out.

Battalion match teams—

First place, 12th York Rangers, prize \$24	
Lieut. T. Mitchell.....	80
Lieut. A. Elliott.....	73
Staff-Sergt. Simpson.....	86
Staff-Sergt. A. Bell.....	81
Sergt. T. S. Bayles.....	85
Sergt. G. Thompson.....	82

Total.....487
Second, Victoria Rifles, prize \$20, winners of the corporation cup. Reserved for Montreal teams.

Capt. M. Pope.....	82
Lieut. E. H. Brown.....	69
Sergt. R. Binmore.....	90
Staff-Sergt. McCrae.....	85
Pte A. Thompson.....	79
Pte K. Matthews.....	64

Total.....469

Third, Sixth Fusiliers, prize \$16—

Col-Sergt. Marks.....	72
Col-Sergt. Riddle.....	79
Col-Sergt. Pratt.....	74
Col-Sergt. Scott.....	73
Staff-Sergt. Lavers.....	77
Pte Cameron.....	87

Total.....462

Fourth, 13th Batt., Hamilton, prize \$12

Sergt-Major Higgins.....	70
Sergt. D. Mitchell.....	78
Pte Hayhurst.....	87

Major Mason.....	74	Pte Kambery.....	66	Staff-Sergt. Simpson, 12th York ...	89
Sergt. T. Mitchell.....	75	Sergt. Broadhurst.....	70	Sergt. G. Lanigan, V.R.C.	88
Pte Robertson.....	74	Sergt. Bethune.....	51	Capt. Pope, V.R.C.	88
Total.....	458	Col-Sergt. J. Currie.....	54	Lieut. E. H. Brown, V.R.C.	88
Fifth, 43rd Ottawa and Carleton Rifles, prize \$8—		Total.....	313	Sergt. Thompson, 12th.....	88
Lieut-Col. Wright.....	68	13th Hamilton ; prize \$20.		Sergt. J. Drysdale, P.W.R.....	88
Capt. Jamieson.....	66	Maj. Mason.....	61	Pte. A. Robertson, 13th.....	88
Capt. Rogers.....	85	Sergt.-Major Higgins.....	65	Capt. R. J. Spearing, 53rd.....	88
Lieut. Helmer.....	67	Sergt. J. D. Mitchell.....	61	Staff-Sergt. J. J. Bell, M.G.A.	87
Pte Scott.....	75	Sergt. T. Mitchell.....	56	Sergt.-Major Bridgeford, R.C.A....	87
Pte R. Moodie.....	64	Pte Hayhurst.....	66	Gunner T. Sharpe, M.G.A.	87
Total.....	425	Total.....	309	Pte. D. M. Finlayson, P.W.R.	87
Next in order—		Montreal Rifle association, second team ; prize \$16.		Q.-M.-Sergt. Case, H.G.A.	87
Royal Scots.....	422	Major Thomas.....	65	Corporal Drysdale, 6th.....	87
Royal Canadian Artillery.....	413	W. Drysdale.....	63	Color-Sergt. Currie, Royal Scots ...	86
Prince of Wales Rifles.....	409	D. McRae.....	63	Lieut. Margetts, 13th.....	86
5TH MATCH,—ASSOCIATION MATCH— INDIVIDUALS		B. Howard.....	61	Staff-Sergt. Maillieu, G.G.F.G.	85
At 500 and 600 yards, 7 shots at the first range and 10 at the second. The highest possible score is 85 points.		A. Hawkins.....	54	Private W. S. Odell, 43rd ...	85
		Total.....	306	Lieut. D. J. C. Munro, 44th.....	85
		Prince of Wales Rifles ; prize \$12—		Private F. A. Gascoine, V.R.C.	85
		Capt. J. Hood.....	53	Pipe-Sergt. J. Clark, R. Scots.....	85
		Staff-Sergt. Cooper.....	56	Strff-Sergt. McVittie, 10th Royal...	84
		Sergt. Clark.....	63	Lieut. Helmer, 43rd.....	84
		Sergt. Drysdale.....	54	Pte. T. H. Hayhurst, 13th.....	84
		Pte Finlayson.....	71	Lieut. E. Desbarats, M.R.A.	83
		Total.....	297	Three 83's counted out.	
		Victoria Rifle club ; Hamilton, prize, \$8		TEAM CARSLAKE MATCH.	
		J. Ogg.....	67	Winners of the Carslake trophy and \$24, 13th Battalion, Hamilton—	
		A. Robertson.....	73	Major Mason.....	76
		J. Rolston.....	55	Lieut. Margetts.....	86
		G. Margetts.....	37	Sergt.-Major Higgins.....	90
		Sergt. Clark.....	63	Staff-Sergeant D. Mitchell.....	104
		Total.....	295	Staff-Sergeant W. Clarke.....	76
		Next in order—		Sergeant T. Mitchell.....	79
		12th York Rangers.....	280	Private T. Hayhurst.....	84
		43rd Ottawa.....	288	Private A. Robertson.....	88
		Victoria Rifles.....	282	Total.....	683
		Montreal Rifles association, first team	273	SIXTH FUSILIERS' TEAM.	
		Sixth Fusiliers.....	259	Color-Sergeant Riddle.....	97
		Royal Canadian Artillery.....	244	Color-Sergeant B. Howard.....	80
		6TH MATCH.—CARSLAKE TROPHY.		Color-Sergeant Pratt.....	89
		A seven shot one at 200 yards stand- ing, seven at 400 yards prone, and 10 shots at 600 yards.		Color-Sergeant Marks.....	103
		Sergt. D. Mitchell, 13th batt.; prize, \$15.....	104	Staff-Sergeant Lavers.....	65
		Col.-Sergt. Marks, 6th Fus.; prize, \$12.....	103	Private J. Scott.....	71
		Lieut. T. Mitchell, 12th York ; prize, \$10.....	101	Private C. Cameron.....	90
		Capt. S. M. Rogers, 43rd ; prize, \$8	99	Corporal W. Drysdale.....	87
		Col.-Sergt. Riddell, 6th Fus.; prize, \$6.....	97	Total.....	682
		\$5 prize winners—		Prize, \$20	
		Sergt. Bell, 12th.....	96	43RD OTTAWA AND CARLETON RIFLES.	
		Major Thomas, 54th batt.....	96	Lieut.-Colonel Wright.....	77
		Sergt. Binmore, V.R.C.....	96	Captain Rogers.....	99
		Bombadier T. Pugh, R.C.A.....	96	Captain Jamieson.....	92
		Private Rolston, 37th batt.....	95	Lieutenant Helmer.....	84
		Sergt. C. N. Hall, 79th batt.....	94	Private Scott.....	92
		Lieut. Elliot, 12th batt.....	93	Private Moodle.....	81
		Staff-Sergt. Ogg, 1st batt. F.A.....	93	Private Bangs.....	68
		Capt. Jamieson, 43rd batt.....	92	Private Odell.....	85
		Pte. A. Thompson, V.R.C.....	92	Total.....	678
		\$4 prize winners—		Prize, \$16.	
		Corp. H. J. Nortin, Royal Scots....	92	VICTORIA RIFLES.	
		Pte. C. S. Scott, 43rd.....	92	Sergeant R. Binmore.....	96
		Lieut. King, 45th.....	91	Private K. Mathews.....	89
		Pte. J. Kamberry, Royal Scots.....	91	Captain M. Pope.....	88
		Capt. J. Wood, P.W.R.....	91	Lieutenant E. H. Brown.....	88
		Lieut. Vermilyea, 15th.....	91	Private A. Thompson.....	91
		Gen. Turnbull, B.C.G.A.....	91	Staff-Sergeant McRae.....	76
		Corp. J. D. McNab, Royal Scots....	91	Staff-Sergeant Bellcourt.....	67
		Capt. McMicking, 44th batt.....	91	Sergeant-Major Gorman.....	72
		Sergt. D. A. Bethune, Royal Scots..	90	Total.....	668
		\$3 prize winners—		Prize, \$12.	
		Pte. A. Cameron, 6th Fus.....	90	PRINCE OF WALES RIFLES.	
		Sergt.-Major Higgins, 13th.....	90	Sergeant Ferguson.....	82
		Sergt. Milligan, 48th.....	90	Captain Hood.....	91
		Col.-Sergt. Pratt, 6th Fus.....	89	Staff-Sergeant Cooper.....	79
		Pte. K. Mathews, V.R.C.....	89	Sergeant J. Drysdale.....	88
				Sergeant J. W. Clarke.....	65
				Private Finlayson.....	87
				Corporal Salmon.....	81
				Private Bangs.....	81
				Total.....	654
				Prize, \$8.	

FIFTH ROYAL SCOTS.

Sergeant Broadhurst.....	77
Corporal McNab.....	91
Private Kamberry.....	91
Private Smith.....	78
Sergeant C. G. Currie.....	86
Private Barley.....	70
Corporal Gardner.....	65
Sergeant Bethune.....	90

Total..... 648

ROYAL CANADIAN ARTILLERY.

Lieutenant Panet.....	80
Sergeant-Major Bridgford.....	87
Sergeant-Instructor Raimbault.....	77
Corporal Hoult.....	82
Corporal Sutherland.....	64
Bombadier Pugh.....	96
Bombadier Thompson.....	40
Gunner Pugh.....	82

Total..... 608

7TH MATCH, AGGREGATES.

For aggregate scores in matches 2, 4, 5 and 6.

	Prize.	Pts.
Captain S. M. Rogers, 43rd batt., special badge and.....	\$10	205
Sergt. D. Mitchell, 13th batt..	10	291
Sergt. R. Binmore, V.R.C., N. R.A. medal, P.Q.R.A., championship badge and.....	10	291
Lieut. T. Mitchell, 12th York..	6	290
Captain G. A. McMicking, 44th batt.....	5	288
Corpl. S. D. McNab, 5th Royals, D.C.R.A. medal and	5	286
Staff-Sergt. J. Ogg, 1st B.F.A.	5	282
Pte. T. H. Hayhurst, 13th batt.	5	282
Col.-Sergt. J. W. Marks, 6th Fus., D. A. R. bronze medal and.....	5	280
Sergt. Geo. Thompson, 12th batt.....	5	279
Maj. L. Thomas, 54th batt., O. R.A. medal and.....	4	277
Sergt. T. S. Baylis, 12th batt..	4	277
Lieut. King, 45th batt.....	4	276
Capt. Pope, Vics.....	4	276
Bomb. T. Pugh, R.C.A.....	4	274

All the above who are eligible to shoot on the provincial eight, in the London Merchant's Match Dom. C. R. Ass. are winners of tickets to Ottawa as also the following :—

	Points.
Private J. Kembery, Royal Scots.....	272
Gunner G. W. Sharpe, M.G.A.....	272
Gunner T. Sharpe, M.G.A.....	272
Staff-Sgt. McCrae, V.R.C.....	270
Col.-Sgt. J. Riddle, 6th Fusiliers.....	262

SECOND SERIES NURSERY AGGREGATE.

For the highest individual aggregate in matches 1, 2, 4, 5 and 6; competitors must be strictly Nursery men, and if they have won a prize at any Dominion or Provincial meeting are not eligible :—

	Points.
Lt. J. E. Astell, 54th batt.....	\$8 265
Pte. G. Copping, V.R.C.....	6 265
Pte. W. H. Ward, 54th batt.....	5 265
Pte. F. A. Gascoigne, V.R.C.....	4 264
Corp. E. Hoult, R.C.A.....	4 257

TEAM AGGREGATES.

Martin Nursery Challenge shield—For the aggregate in matches 1, 2, 4, 5 and 6, of five previously named members of any association.

Winners of shield and \$15, Victoria Rifles—

	Points.
Col.-Sergt. Gascoigne.....	264
Pte. W. Mills.....	242
Pte. Jackson.....	216
Pte. Copping.....	265

Total..... 987

Second Prince of Wales Rifles; prize, \$10—

Lieut. W. G. Brown.....	164
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Lieut. R. B. Hutchison.....	213
Lieut. L. Dobbin.....	137
Corpl. Salmon.....	236
Corpl. Pendleton.....	208
Total.....	958

SIMS' CUP AGGREGATE.

Presented this year by Major A. H. Sims, Victoria Rifles of Canada, for the best aggregate of members from any regiment in matches 2, 4, 5 and 6. Winners of the cup, Victoria Rifles.

	Points.
Capt. M. Pope.....	276
Lieut. E. H. Brown.....	258
Sergt.-Major Gorman.....	233
Sergt. R. Binmore.....	291
Staff-Sergt. McCrae.....	270
Col.-Sergt. Gascoigne.....	241
Pte. K. Mathews.....	259
Pte. A. Thompson.....	252
Pte. Hawkins.....	241
Pte. Copping.....	239

Total..... 2,560

Next in order are—
43rd battalion..... 2,485
5th Royal Scots..... 2,460
Prince of Wales Rifles..... 2,330

AGGREGATE THIRD SERIES TEAMS.

For best scores in matches 2, 4, 5 and 6 of teams of previously five named men.

First, 12th battalion, York Rangers, winners of the silver cup and \$20—

	Points.
Lieut. Mitchell.....	290
Lieut. A. Elliott.....	247
Lieut. Geo. Thompson.....	279
Pte. T. S. Bayles.....	277
Lieut. T. H. Simpson.....	268

Total..... 1,361

Second, 13th battalion, Hamilton, prize \$15—

Major Mason.....	249
Sergt.-Major Higgins.....	269
Staff-Sergt. D. Mitchell.....	291
Sergt. T. Mitchell.....	251
Pte. H. Hayhurst.....	282

Total..... 1,342

Third, Victoria Rifles, prize \$10—

Capt. M. Pope.....	276
Lieut. E. H. Brown.....	258
Lieut. R. Binmore.....	291
Pte. K. Mathews.....	259
Pte. A. Thompson.....	252

Total..... 1,336

Next in order—

Montreal Rifle Association, 2nd team.....	1,328
Victoria Rifle club, of Hamilton....	1,305
43rd battalion, Ottawa and Carleton Rifles.....	1,299
Montreal Rifle association, 1st team	1,273
Prince of Wales Rifles.....	1,259
Royal Canadian Artillery, of Quebec.....	1,228

EXTRA SERIES "A" 500 YARDS.

Sergt. Baylis, 12th York.....	25
Sergt. R. Corrigan, 59th batt.....	25
Sergt. Broadhurst, Royal Scots.....	24
Q. M.-Sergt. J. Ogg, 1st B.F.A.....	24
Sergt. Binmore, V.R.C.....	24
Lieut. W. C. King, 45th batt.....	24
Staff-Sergt. Clark, 13th batt.....	24
Major Mason, 13th batt.....	24
Staff-Sergt. T. Mitchell, 13th batt....	24
Staff-Sergt. D. McCrae, V.R.C.....	24
Capt. McMicking, 44th.....	23
Lieut. W. M. Andrews, M.R.B.....	23
Pte. R. Moodie, 43rd.....	23
Capt. S. M. Rogers, 43rd.....	23
Gnr. Turnbull, B.C.G.A.....	23
Sergt. Milligan, 48th batt.....	23

Prizes in kind.

EXTRA SERIES "B" 600 YARDS—Prizes in kind.

Pte. J. Rolston, 37th batt.....	24
Sergt. Bethune, Royal Scots.....	24
Lieut. J. A. Williamson, 45th.....	23
Staff-Sergt. Bell, 12th.....	23
Sergt. Milligan, 48.....	23
Gun. Turnbull, B.C.G.A.....	23
Staff-Sergt. J. Simpson, 12th York...	23
Pte. R. Moodie, 43rd batt.....	23
Sergt. T. S. Baylis, 12th batt.....	23
Pte. C. S. Scott, 43rd batt.....	23
Sergt. Corrigan, 59th batt.....	22
Sergt. T. Mitchell, 13th batt.....	22
Sergt. J. Broadhurst, Royal Scots....	22
Major J. J. Mason, 13th batt.....	22
Major Thomas, 54th batt.....	22
Lieut. A. Elliott, 12th York.....	22

Extra series C, 800 yards, possible 25—

	Points.	Pze.
Lieut. Desbarats, M.R.A.....	22	\$10
Capt. R. J. Spearing, 53rd...	20	7
Lieut. T. Mitchell, 12th York	20	5
Qr.-M.-Sergt. Ogg, 1st B.F.A.	20	4
Col.-Sergt. Scott, 43rd.....	20	4

Extra series D, 900 yards, possible 30—

	Points.	Pze.
Staff-Sergt. A. Bell, 12th batt	22	\$10
Pte. Rolston, 37th batt.....	22	7
Major J. J. Mason, 13th batt.	21	5
Bomb. W. Pugh, R.C.A.....	20	4
Pte. R. Moodie, 43rd batt....	20	4

Annual Meeting of the Province of Quebec Rifle Association.

The annual meeting of the association was held on the Cote St. Luke Ranges during the matches, on the 15th Aug. The meeting, at which the attendance was not large, was in no way noticeable except for the rapid way in which what business there was to transact was gotten through. The following is a summary of the proceedings.

Were present Lieut.-Col. Houghton, president of the council, in the chair; Lieut.-Col. Gray, Lieut.-Col. Starke, Lieut.-Col. Hood, Majors Sims, Radiger, Blaiklock, Roy, Bond, Captain Pope, Lieutenants Desbarats and W. M. Andrews and Messrs. R. Binmore and Arthur Ware.

After the minutes were approved the election of officers for the ensuing year took place. Sir Donald A. Smith was unanimously re-elected president, but when it came to the question of the four vice-presidents many of those present said that a change was necessary in some respects, and the provincial grant, which the association did not get, was also a subject of remark in this connection. No objections were made to the re-election of Lieut.-Col. McEachern and Brosseau, but for the other two a change was demanded, with the result that, on motion of Lieut.-Col. Starke, seconded by Capt. Pope, Lieut.-Col. White, 8th Royal Rifles, Quebec, was elected third vice-president.

Then, on motion of Mr. Arthur Ware, seconded by Major Blaiklock, Mr. Morris, M. L. A., was elected for the other office.

The election for members of the council then took place. Lieut.-Col. Starke, D. T. Fraser, Majors Bond, Blaiklock and A. H. Sims were re-elected, and Lieut.-Col. Gray, F. Desbarats and Captain Finlayson will be the new members. Under the head of general business, Major Blaiklock expressed regret that more of the members, even those on the ranges,

did not attend the meeting, but he hoped that they would attend the competitors' meeting to-day. On motion of Major Radiger, seconded by Major Blaiklock, Mr. J. L. Harcourt, of the Canadian Bank of Commerce, was elected a life member. Mr. Arthur Ware, seconded by Major Blaiklock, moved a hearty vote of thanks to Major A. H. Sims for the handsome and valuable silver cup he had presented for competition. Unanimously carried.

Major Sims said that he wished to call the attention of the members to the disgraceful state in which the Carslake cup had been returned, and said it was a matter of regret that any of the challenge cups should be in such a condition. Why, when ladies came to the ranges they would like to see the trophies clean.

Col. Hood—"So would the shooting men."

Major Sims said it was a poor compliment to Mr. Carslake or any other donor to know that their cups were in such a condition, and he recommended that the secretary be instructed to have it cleaned and send the bill to Lieut.-Col. Burland.

Major Radiger said that, in justice to Lieut.-Col. Burland, that gentleman had told him that he had sent it to the engravers to be engraved and cleaned, and no doubt he thought it had been cleaned.

Major Sims then moved, seconded by Lieut. Andrews, that Lieut.-Col. Burland be requested to have the cup in proper order and then returned to the treasurer. This was carried and the meeting adjourned.

Canadian Military Rifle League.

The following scores, made in third match, were received after the list had been sent you, and too late for publication in issue of 15th July.

MARTINI SERIES.

45th Battalion, 1st team.....	884
82nd Battalion	877
Prince Edward Island G. A.....	850
62nd Battalion	840
8th Battalion, 1st team.....	814
British Columbia G. A., New Westminster, 1st team.....	809
Kings County R. A., 1st team.....	776
69th Battalion, 1st team.....	770
30th Battalion, 4th team.....	728
Kings Co. R. A., 3rd team.....	721
Woodstock R. A.....	566
B.C.G.A., New Westm'nstr, 2nd team	507

SNIDER SERIES.

Saskatchewan R.A.....	803
8th Battalion, 2nd team	746
Alberta R.A.....	736
69th Battalion, 2nd team.....	695
19th Battalion	653
62nd Battalion, 2nd team.....	546

4TH MATCH—MARTINI SERIES.

57th Battalion, 1st team.....	800
45th Battalion, 1st team.....	886
82nd Battalion	875
71h Battalion, 1st team.....	865
G.G.F.G., 1st team.....	864
Q.O.R., 1st team	862
63rd Battalion, 1st team	857
P.E.I.G.A.	855
43rd Battalion, 1st team.....	851
59th Battalion.....	848
12th Battalion.....	837
43rd Battalion, 2nd team.....	832
Truro R.C., 1st team.....	830
48th Battalion, 1st team.....	820

Q.O.R., 2nd team.....	820
B.C.G.A., New Westminster, 1st tm	817
Ottawa R.C.....	815
Halifax G.A., 1st team	812
43rd Battalion, 3rd team	807
10th Battalion, 1st team.....	804
Kings Co. Rifle Associat'n, 1st team.	802
Hespeler R.A.....	800
G.G.F.G., 2nd team.....	795
Orillia R.A.	790
B Battery R.C.A., 1st team.....	783
62nd Battalion, 1st team.....	780
5th Battalion, 1st team.....	769
Halifax G. A., 2nd team.....	769
Kings Co. R. A., 2nd team	766
Sussex Vale R. C., 1st team.....	756
3rd Victoria Rifles, 1st team.....	752
30th Battalion, 1st teams.....	752
30th Battalion, 4th team.....	752
14th Battalion.....	748
Tilbury East R. A., 1st team.....	739
30th Battalion, 2nd team	728
71st Battalion, 2nd team	711
30th Battalion, 5th team.....	703
Q.O.R., 3rd team.....	703
69th Battalion, 1st team.....	701
Montreal Garrison Artillery.....	698
Tilbury East R. A., 2nd team.....	689
3rd V. R. C., 2nd team.....	676
77th Battalion, 1st team.....	664
Sudbury R. A.....	647
43rd Battalion, 4th team.....	637
Mattawa R. A.....	625
5th Battalion, 2nd team	620
Royal Military College.....	611
8th Battalion, 1st team, 8 men.....	608
St. John Rifle Co.....	575
63rd Battalion, 2nd team, 8 men....	566
B Battery, R.C.A., 3rd team	558
37th Battalion, 8 men.....	553
B Battery, 2nd team	550
Woodstock R. A., 8 men	546
25th Battalion.....	545
Halifax G. A., 3rd team	544
20th Battalion, Milton, 6 men.....	541
Montreal G.A., No. 2 Co'y team....	540
Montreal G.A., No. 3 Co'y team....	532
Montreal G.A., No. 1 Co'y team....	428
48th Battalion, 2nd team.....	492
B Battery R.C.A., 4th team, 9 men .	479
Sussex Vale R.C., 2nd team, 8 men.	398
Truro R. C., 6 men	349

SNIDER SERIES.

13th Battalion, 1st team.....	808
13th Battalion, 2nd team	798
57th Battalion, 2nd team	794
77th Battalion, 2nd team	759
30th Battalion, 3rd team	739
Cobourg R. A.....	715
13th Battalion, 3rd team	704
Saskatchewan R. A.....	692
8th Battalion, 2nd team	684
13th Battalion, 6th team.....	679
19th Battalion.....	675
Levis R.A., 1st team.....	667
Grand Trunk R.A.....	666
13th Battalion, 5th team.....	660
10th Battalion, 2nd team	649
13th Battalion, 4th team.....	643
45th Battalion, 2nd team	632
Temiscouata R.A.....	628
43rd Battalion, 5th team.....	619
77th Battalion, 3rd team.....	603
Battleford R. A.....	592
40th Battalion, Campbellford, 1st tm	590
7th Battalion, 2nd team	562
Oshawa R. A.....	552
Levis R. A., 2nd team.....	549
69th Battalion, 2nd team	521
13th Battalion, 7th team.....	512
62nd Battalion, 2nd team.....	500
40th Batt., Campbellford, 2nd team.	496
77th Battalion, 4th team.....	480
38th Battalion.....	474
Co. Perth R. A., 1st team.....	443
New Brunswick G. A.....	360
G.G.F.G., 3rd team, 6 men	319

STANDING OF TEN MEN TEAMS.

MARTINI SERIES.

57th Batt., 1st team, Peterborough.	3496
45th Batt., 1st team, Lindsay.....	3480
43rd Batt., 1st team, Ottawa.....	3442

Hespeler R. A., Hespeler.....	3436
G.G.F.G., 1st team, Ottawa.....	3433
7th Battalion, London.....	3429
2nd Batt., Q.O.R., 1st team, Tornto	3372
82nd Batt., Charlottetown.....	3360
12th Batt., Toronto	3357
59th Batt., Cornwall	3319
63rd Batt., 1st team.....	3307
Halifax G.A., 1st team, Halifax....	3272
62nd Batt., 1st team, St. John.....	3264
43rd Batt., 2nd team, Ottawa	3260
Ottawa R. C., Ottawa	3243
B.C.G.A., 1st tm, New Westm'str.	3242
48th Highlanders, 1st tm, Toronto.	3199
Truro R.C., 1st team, Truro.....	3199
5th Royal Scots, 1st tm, Montreal.	3195
P.E.I.G.A., Charlottetown.....	3191
3rd Victoria Rifles, Montreal	3180
Kings Co. R. A., 1st tm, Kentville.	3132
2nd Batt. Q.O.R., 2nd tm, Toronto.	3102
B Battery R.C.A., 1st tm, Quebec.	3079
43rd Batt., 3rd team, Ottawa.....	3044
10th Bt. Roy. Gren., 1st tm, Toronto	3026
Halifax G. A., 2nd team, Halifax..	3015
Orillia R. A., Orillia	2980
14th Batt., Kingston	2979
30th Batt., 1st team, Guelph.....	2958
30th Batt., 4th team.....	2958
Sussex Vale R.C., 1st team, Sussex	2945
77th Batt., 1st team, Dundas	2889
Montreal G. A., 1st team, Montreal	2888
G.G.F.G., 2nd team, Ottawa.....	2874
69th Batt., 1st team, Paradise.....	2874
8th Batt., 1st team, Quebec.....	2872
30th Batt., 2nd team, Eramosa....	2842
Sudbury R. A., Sudbury.....	2816
Tilbury East R.A., 1st tm, Stewart.	2808
30th Batt., 5th team	2767
20th Batt., Milton and Georgetown	2750
Kings Co. R. A., 2nd tm, Kentville.	2722
71st Batt., 2nd team, Fredericton..	2685
43rd Batt., 4th team, Ottawa.....	2682
37th Batt., Hagersville.....	2665
25th Batt., St. Thomas.....	2628
Tilbury East R.A., 2nd tm, Stewart	2584
Royal Military College, Kingston..	2525
2nd Batt. Q.O.R., 3rd tm, Toronto.	2525
5th Batt. Royal Scots, 2nd team,	
Montreal.....	2522
48th Batt., 2nd team, Toronto.....	2445
Mattawa R. A., Mattawa.....	2334
Halifax G. A., 3rd team, Halifax ..	2327
Woodstock R.A., Woodstock, Ont.	2283
3rd Batt. Victoria Rifles, 2nd team,	
Montreal	2271
63rd Batt., 2nd team, Halifax	2237
B Battery R.C.A., 2nd tm, Quebec.	2214
B Battery R.C.A., 3rd tm, Quebec.	2138
Sussex Vale R.C., 2nd tm, Sussex.	1679
B Batt. R.C.A., 4th team, Quebec..	1642

TWENTY MEN TEAMS.

43rd Batt.....	6702
2nd Batt. Q.O.R.....	6474
Governor-General's Foot Guards..	6307
Halifax G. A.....	6287
30th Battalion.....	5924
Kings Co. R. A.....	5854
5th Batt. Royal Scots.....	5717
48th Batt. Highlanders.....	5644
63rd Battalion	5544
3rd Batt. Victoria Rifles.....	5451
Tilbury East R. A.....	5392
B Battery R.C.A.....	5293

THIRTY MEN TEAMS.

43rd Battalion.....	9746
2nd Battalion Q.O.R.....	8999
30th Battalion.....	8766
Halifax G. A.....	8614
B Battery R.C.A.....	7425

FORTY MEN TEAMS.

43rd Battalion.....	12,128
30th Battalion.....	11,533
B Battery R.C.A.....	9,074

HIGHEST INDIVIDUAL SCORES.

Maj. W. Bishop, 63rd Batt.....	374
Staff.-Sergt. F. Bartlett, 57th Batt...	374
Staff.-Sergt. M. Allan, 82nd Batt...	366
Staff.-Sergt. R. H. Sylvester, 45th Bt	366
Major S. Hughes, 45th Batt	365

TEN MEN TEAMS—SNIDER SERIES.

13th batt., 1st team, Hamilton.....	3346
13th batt., 2nd team, Hamilton.....	3294
77th batt., 2nd team, Dundas.....	3058
13th batt., 3rd team, Hamilton.....	3051
57th batt., 2nd team, Peterborough.	3016
30th batt., 3rd team, Erie.....	2981
Saskatchewan R. A., Prince Albert	2892
Grand Trunk R. A., Montreal.....	2824
13th batt., 4th team, Hamilton.....	2812
8th batt., 2nd team, Quebec.....	2789
Temiscouata R.A., Fraserville.....	2759
Cobourg, R.A., Cobourg.....	2749
County of Perth R.A., 1st team, Stratford.....	2730
13th batt., 5th team, Hamilton.....	2722
13th batt., 6th team, Hamilton.....	2710
Levis R.A., 1st team, Levis.....	2707
10th batt., 2nd team, Toronto.....	2602
77th batt., 3rd team.....	2598
Oshawa R.A., Oshawa.....	2579
19th batt., St. Catherines.....	2572
45th batt., 2nd team, Lindsay.....	2566
40th batt., 1st team, Campbellford.	2565
43rd batt., 5th team, Ottawa.....	2502
7th batt., 2nd team, London.....	2408
69th batt., 2nd team, Paradise, N.S.	2374
35th batt., Brantford.....	2332
13th batt., 7th team, Hamilton.....	2300
Montreal G.A., No. 2 Co'y, Montreal	2253
Montreal G.A., No. 3 Co'y, Montreal	2209
Montreal G.A., No. 1 Co'y, Montreal	2040
77th batt., 4th team.....	1904
40th batt., 4th team, Campbellford.	1877
62nd batt., 2nd team, St. John.....	1833
Levis R.A., 2nd team, Levis.....	1830
New Brunswick G.A., St. John.....	1619
Co. Perth R.A., 2nd team.....	1619

TWENTY MEN TEAMS.

13th batt.....	6640
77th batt.....	5656
Levis R.A.....	4537
Montreal G.A.....	4462
40th battalion.....	4349

THIRTY MEN TEAMS.

13th battalion.....	9601
77th battalion.....	7500
Montreal G.A.....	6502

The 13th was the only battalion that had more than thirty men in the Snider Series. It had seven teams, all entered in this series.

HIGHEST INDIVIDUAL SCORES—SNIDER.

Sgt.-Maj. G. Archer, Cobourg R.A..	368
Lieut. W. Conboy, 30th battalion...	354
Major J. J. Mason, 13th battalion...	350
Sergt. D. Garson, 13th battalion....	350
Lieut. A. Pain, 13th battalion.....	350

In the Martini Series the following teams do not appear, as the scores for matches mentioned have not reached me: B.C.G.A., Victoria teams, 2nd and 3rd matches; 1st P. of W., Montreal, 4th match; 6th Fusiliers, 3rd and 4th matches; 71st Battalion, 4th match; 72nd Battalion, 4th match; St. John Rifle Company, 4th match; Kings Co. R.A., 3rd team, 4th match.

In the Snider Series the following teams are wanted: B.C.G.A., 4 teams, 2nd and 3rd matches; 1st P.W.R., 4th match; 6th Fusiliers, 3rd and 4th matches; Rimouski R.A., 3rd and 4th matches.

Where there have been teams from the same battalion in both series, those in the Martini have been numbered first—thus, if there were two Martini teams and one Snider, the Snider has been called 3rd team.

The German soldier is to have his buttons and the other metal parts of his uniform made of aluminium. He will thus, by this reduction in weight, be able to carry one hundred additional rounds of ammunition.

British Columbia Rifle Association.

The 21st annual prize meeting of the B. C. Rifle Association opened on the morning of July 26th. While the attendance exceeded by a few the average of past years, the previous record of scores was altogether eclipsed, for never before was the scoring on the Goldstream range anything like up to the average of this meeting. No doubt the increased attention to practice noticeable this season had a good deal to do with the improvement noticed, but another cause largely contributing was the exceptionally favorable weather. The variable wind peculiar to this range was not felt, and for the greater part of the first day there was only the slightest breeze of any kind. The sun was hidden behind friendly clouds, which sufficed to shade the competitors and modify the light without being dense enough to injuriously affect the sighting.

The range had been put in first-rate order, the targets and firing points having been thoroughly overhauled by Gunner H. Roper, who had spent a week or so on the ground attending to the numerous wants in the way of fixtures which developed as the arrangements progressed. Two new targets have been added this year making in all nine, which worked admirably, enabling the several competitions to be completed ahead of time. The usual camp for competitors had been pitched, between the 500 yards firing point and the hotel, and upon the arrival of the morning train from Victoria, bringing marksmen from the city these were soon all occupied, some as day headquarters, and others fitted up for the two nights camping which several of the competitors will put in.

Lieut. Barnes, R.M.A., was a model range officer, keeping the shooting going without loss of time, and without friction with the competitors. In the Secretary's office, Capt. E. H. Fletcher had the work of taking entries and issuing tickets well in hand, and with the assistance of Lieut Ross Munro the business was transacted with the greatest promptitude, and at the conclusion of each match the lists of winners appeared with celerity only rivalled by that of the markers in signalling the scores shot by shot as made. The register keepers, were drawn from the Royal Marine artillery, and performed their duties in the most exemplary manner.

The competitors numbered about 55, representing the Garrison Artillery, the Royal Marines, the Navy, and civilians. The visitors included ten from New Westminster and four from Vancouver. The expected contingent from Nanaimo did not put in an appearance.

The president of the association, Lieut. Col. Wolfenden, spent the day upon the ground, and rendered material service in the general supervision of affairs, he being the head of the executive committee appointed to conduct the matches, the

other members being Dr. Bell-Irving, Vancouver; Mr. S. A. Fletcher, Westminster; Capt. E. H. Fletcher and Lieut. F. B. Gregory. The D. A. G. of the district, Lt.-Col. J. Peters, who is ex-officio a vice-president of the association, was on hand at the opening, and made an inspection of the range and the markers' butts before the firing commenced. The match first on the programme was for prizes kindly presented by Col. Peters himself, restricted to recruits who had never won a prize at such a meeting as this. It had the desired effect of attracting to the range a number of new men who would not otherwise have been there, and who thus encouraged are not unlikely to develop a taste for the pastime of riflshooting and to be found attending of their own accord another year. This match was at 200 and 400 yards, five shots in any position, with the short Snider rifle, the arm of the local militiaman. It was won by one of the visitors from New Westminster who had a long lead of the field with but four points less than the possible. The winners were as follows those in this and other lists not otherwise designated being of Victoria:—

Prize.	Score.
\$5.00—Tptr. Leslie (Westminster).....	46
4.00—Gr. Lettice.....	39
3.00—Gr. Gordwin.....	39
3.00—Gr. McDougall.....	38
2.00—Gr. C. H. Butler.....	37
2.00—Gr. Lawrie.....	35
2.00—Gr. Durance.....	34
2.00—Gr. B. Instone.....	34
2.00—Gr. W. Butler.....	30

After this match the targets were thrown open to extra series firing until noon, first at 500 yards and then at 600 giving opportunity for practice for the important event of the afternoon.

THE HELMCKEN MATCH.

A generous annual contributor to the prize list is Mr. H. Dallas Helmcken, who presents the Dorothy gold medal, which is always eagerly contested for. It was the first prize in the Helmcken match, which occupied the whole of yesterday afternoon, being fired with the Martini at Queen's ranges, seven shots at each. This produced remarkably high scoring, as will be noticed from the following list of winners:

Prize.			
\$10 and medal—Sgt. A. R. Jangley	33	29	31
10—Dr. Bell Irving (Vanc).....	30	33	28
8—Bomb. F. Mallandaine.....	33	30	28
7—Lieut. J. D. Taylor.....	27	33	30
6—W. W. B. McInnes.....	30	31	29
6—Gr. W. P. Winsby.....	28	23	33
5—P. R. Sargison.....	32	29	26
5—Dr. G. H. Duncan.....	29	30	27
4—Gr. J. C. Chamberlin (Westr).....	29	30	27
4—Gr. Jos. Burr.....	29	34	22
4—Gr. G. H. Morbill.....	25	28	31
3—Lieut. M. G. Beauchard.....	24	31	29
3—Gr. C. W. Newbury.....	25	3	28
3—Sgt. Maj. A. S. Hunter.....	25	30	25
3—Gr. J. L. Borkwith.....	28	25	29
3—Bomb. A. Martin.....	28	29	25
2—Corp. J. D. Stuart (Vanc).....	28	29	25
2—Gr. J. McRobble.....	31	24	24
2—Gr. H. O. Chamberlin (Westr).....	31	30	21
2—Gr. G. Huston (Westr).....	24	30	27
2—Br. S. A. Fletcher (Westr).....	26	32	23
2—Gr. J. H. Sharp (Westr).....	25	18	27

The scores of 80 were counted out. Besides the above prizes, there was another series awarded for the scores in the same match, restricted to the junior shots, who had never won a prize of \$5 or greater value at any previous prize meeting of the association. The winners of this series were:

Prize.

\$5—Bombr F Mallandaine.....	53	30	28	91
4—Dr J H Duncan.....	50	37	27	86
3—Gr J Burr (Westr).....	29	24	22	85
3—Lt M G Blanchard.....	24	31	29	84
2—Corp J D Stuart (Vanc).....	28	29	25	82
2—Senator McInnes.....	25	30	25	80
2—H Brocklesby (Aanc).....	28	26	26	80
2—Tptr Leslie (Westr).....	25	33	21	79
2—Lieut Collard, R M L I.....	29	32	18	79

THE LAURIE BUGLE.

A team competition was combined with the individual contests in the Helmcken match, the prize at issue being the Laurie bugle, the gift of Major-General Laurie when in command of this district, and to be held for the year by the winning team. It has again fallen to No. 2 company of the Garrison Artillery, whose first team yesterday made the highly creditable average of 86 points. The scores were :

No 2 Company, A team—1st prize, Laurie bugle and \$15—Sergeant Langley 93, Gunner Wiggby 89, Sergt Major Hunter 83, Gunner Martin 82, Gunner McRobbie 82; total 429.

No 4 Company, New Westminster, A team—2nd prize \$10—Gunner J C Chamberlain 88, Gunner H C Chamberlain 82, Gunner Sharpe 80, Gunner Wilson 80, Gunner Sloan 75; total 403.

No 4 Company, New Westminster, B team—3rd prize \$5—Gunner Burr 85, Gunner Huston 81, Gunner Fletcher 81, Gunner Leslie 79, Gunner Corbett 68.

The other team scores were: No 1 Company 39; No 2 Company, B team, 38; No 3 Company 32.

THE SECOND DAY.

The second day of the prize meeting of the British Columbia Rifle Association, now in progress at the Goldstream range, proved in every respect quite as successful as the first, and the weather being delightful and all concerned thoroughly enjoyed themselves.

The Nanaimo match was started sharp at 8.20 a.m. and the first range being 400 yards, very easy with the Martini, there were soon exhibited a great array of the square white discs denoting the scoring of bullseyes on the targets which they adjoined. The chief prize in this match is the cup presented by the Mayor and Council of Nanaimo, to become the property of any competitor winning it twice in succession. The winner last year was Lieut. J. C. Chamberlin, R.L., now a gunner in the Westminster company, and he made a strong bid for the trophy, starting with the possible at the first range, but though he had a good average of 500 yards also, it was not sufficient, and the trophy passed for the year into the possession of Gunner W. H. Lettice, a promising "colt" of No. 3 company, Victoria. The scores in detail were as follows, the firing being with the Martini at 400 and 500 yards, seven shots :

Prize.

Cup and \$8—Gr W H Lettice.....	33	33	63
\$7 00—Sergt A R Langley.....	33	31	64
6 00—Gr J McRobbie.....	33	32	65
5 00—Lieut J D Saylor.....	31	31	62
4 00—Gr J L Beckwith.....	32	32	64
4 00—Lieut C E Collard, R M L I.....	32	32	64
4 00—Corp J D Stuart.....	33	31	64
3 00—F R Sargison.....	35	29	64
3 00—Corp F A Quigley.....	35	29	64
3 00—Lieut M G Blanchard.....	29	31	60
3 00—Gr H C Chamberlin, West.....	31	29	60
2 00—Gr J C Chamberlin, West.....	35	23	58
2 00—Bombr A Martin.....	32	30	62
2 00—Dr Bell Irving.....	32	31	63
2 00—Gr J A Sharpe, West.....	33	29	62
2 00—Gr W Duncan.....	33	29	62
2 00—Bombr R Wilson.....	23	33	56
2 00—Bombr F Mallandaine.....	31	30	61
2 00—Gr C W Newbury.....	31	29	60
2 00—Senator McInnes.....	32	29	61

The Lieutenant-Governor's match, consisting of ten shots at 500 yards, was started immediately on the completion of the other, and again there was a cup presented by Mrs. Nelson, wife of the

former Lieutenant-Governor,) which had to be won two years in succession to become the winner's property. As, however, the fortunate man in 1893 was Gunner George Turnbull, who is absent at Bisley with the Canadian team, the cup was in no danger of passing out of the prize list this year. The winner was a civilian, Mr. W. W. B. McInnes, the solitary representative of Nanaimo, whomade the splendid total of 48 points out of 50.

Prize.

Cup and \$8.00—W W B McInnes.....	48
\$7 00—Gr W Huston, West.....	47
6 00—Bombr A Martin.....	47
5 00—Gr J McRobbie.....	47
4 00—Gr J C Chamberlin, West.....	46
4 00—Lieut M G Blanchard.....	46
4 00—H A Brocklesby.....	46
3 00—Bombr R Wilson, West.....	46
3 00—Gr C W Newbury.....	46
3 00—Senator McInnes.....	45
3 00—Gr H C Chamberlin, West.....	45
2 50—Sergt A R Langley.....	45
2 50—Gr W P Winsby.....	45
2 00—Bombr Fletcher.....	44
2 50—Lieut Collard, R M L I.....	43
2 00—Gr R J Butler.....	43
2 00—Lieut B Gregory.....	43
2 00—Gr G H Morkill.....	43
2 00—Gr W Duncan.....	43
2 00—Gr W H Lettice.....	43

The Victoria Corporation match was fired in the afternoon, at 400 and 600 yards, 7 shots, for a series of prizes headed by the cup presented by the council of this city last year, when it was won by Lieut. J. C. Chamberlain, R.L. This cup becomes the final property of anyone winning it twice, whether in succession or not. Though the winner of last year made a good bid for it at the first range, he fell off later; but his brother did the honors for the family by making a score which stood at the top until just before the completion of the match, when Gunner R. J. Butler of the B.C.G.A. put in the splendid total of 34 out of 35 at 600 yards, and thus won the trophy.

Prize.

Cup and \$10—Gr R J Butler.....	32	34	66
\$8 00—Gr H C Chamberlin, West.....	33	31	64
6 00—Sergt A R Langley.....	32	31	63
5 00—Bombr A Martin.....	33	29	62
5 00—Gr J H Sharpe, West.....	33	29	62
4 00—Gr S McRobbie.....	35	27	62
4 00—Gr J L Beckwith.....	31	31	62
4 00—Gr W H Lettice.....	31	23	54
3 10—W W McInnes.....	30	29	59
3 00—Lieut J D Taylor.....	33	26	59
3 00—Lieut F B Gregory.....	33	25	58
3 00—Gr J C Chamberlin, West.....	33	25	58
2 50—Senator McInnes.....	34	24	58
2 50—Gr E Brammer.....	29	28	57
2 50—H A Brocklesby, Vanc.....	30	27	57
2 50—Sergt Corbett, West.....	29	27	56
2 00—Gr W C Winsby.....	30	26	56
2 00—Gr Goodwin.....	31	25	56
2 00—F R Sargison.....	33	23	56
2 00—Dr Bell-Irving.....	31	22	53

This match being over the rest of the afternoon was given up to extra series shooting, and several scores very close to the possible at both the 500 yards and 600 yards ranges was the result, while of actual possibles there were some at 500 yards.

THE THIRD DAY.

The shooting on the third day opened with the Goldstream match, the cash prizes in which consisted of \$100, of which the half was presented this year as usual by Mr. James Phair, the proprietor of the Goldstream hotel. It was at 200, 500 and 600 yards, seven shots at each, open to any rifle with military sights, and all comers might enter. The last named special attractions drew out a squad of six members of the Royal Engineers, who made their first appearance on the range yesterday morning, armed with their Lee-Metfords, but no doubt owing to want of

practice they were unfortunately not successful. The Chapleau cup going with the first prize will now be the permanent property of the winner, this being the second occasion on which he has taken it.

Cup and \$12—Sergt. A. L. Langley.....

30	33	32	95
\$10.00—Gr. G. H. Morkill.....	32	31	29-92
8.00—Bombr. S. A. Fletcher, Wr.....	31	29	30-90
7.00—Lieut. J. D. Taylor.....	31	30	29-90
6.00—Bombr. A. Martin.....	23	31	27-90
5.00—Staff-Sergt. J. C. Newbury.....	23	31	33-89
5.00—Gr. J. McRobbie.....	31	27	31-89
4.00—F. R. Sargison.....	27	31	3-88
4.00—Gr. W. P. Winsby.....	27	32	20-88
4.00—Corp. J. D. Stuart, Vanc.....	33	31	25-88
3.00—Gr. H. C. Chamberlin, Wr.....	27	31	29-87
3.00—Lieut. Collard, R. M. L. I.....	30	29	28-87
3.00—Dr. Bell-Irving, Vanc.....	29	33	25-87
3.00—Gr. J. C. Chamberlin, Wr.....	30	31	25-86
3.00—Gr. J. H. Sharpe, Wr.....	31	31	25-86
2.50—Gr. J. L. Beckwith.....	26	28	31-85
2.50—Gr. Joe. Burr, Wr.....	32	26	26-85
2.50—Gr. W. Duncan.....	24	31	29-84
2.50—Gr. R. J. Butler.....	23	30	26-81
2.00—Gr. W. J. Sloan, Wr.....	23	35	25-83
2.00—Gr. C. W. Newbury.....	29	31	23-83
2.00—W. W. B. McInnes.....	27	28	27-82
2.00—Sgt. Major A. S. Hunter.....	27	29	26-82
2.00—Bombr. R. Wilson, Wr.....	29	23	25-82

A match for representative teams of ten men each was fired in connection with the Goldstream individual competition, and resulted in a remarkably close contest in which the three leading teams averaged within a fraction of inners all round. No. 2 Company won by the narrow of 4 points, and No. 4 of Westminster and the Victoria Rifle Club of this city tied in the total for second place, but the Victoria team having the greater score at the longest range—by one point only—were according to rule the winners :

1st. No. 2 Company—\$25.

Sergeant A R Langley.....	30	33	32	95
Bombr A Martin.....	32	31	27	90
Gr J McRobbie.....	31	27	31	89
Gr W P Winsby.....	27	32	29	88
Gr W Duncan.....	24	31	29	84
Gr R J Butler.....	28	30	26	81
Sergt-Major A S Hunter.....	27	29	26	82
Lieut M G Blanchard.....	25	29	25	79
Lieut B Williams.....	27	23	23	73
Bombr F Mallandaine.....	26	27	19	72
Totals.....	277	292	167	836

2nd. Victoria Rifle Club—\$15.

Gr. G. H. Morkill.....	32	31	29	92
Lieut. J. D. Naylor.....	31	30	19	90
Staff Sergt. J. C. Newbury.....	22	31	33	89
F. R. Sargison.....	27	31	30	88
Gr. J. L. Beckwith.....	26	28	31	85
Gr. C. W. Newbury.....	29	31	23	83
Dr. G. H. Duncan.....	27	33	21	81
Gr. E. Brammer.....	27	29	24	80
Gr. Goodwin.....	24	27	28	77
Corp. F. A. Quigley.....	3	25	19	67
Totals.....	265	299	267	832

3rd. No 4 Company, Westminster.

Bombr. S. A. Fletcher.....	31	29	30	90
Gr. H. C. Chamberlin.....	37	31	19	87
Gr. J. C. Chamberlin.....	30	31	25	86
Gr. J. H. Sharpe.....	31	30	25	86
Gr. Joseph Barr.....	32	27	26	85
Gr. Sloan.....	23	35	25	83
Bombr. R. Wilson.....	29	23	25	82
Gr. W. Huston.....	27	27	27	81
Sergt. Corbett.....	21	23	23	77
Tptr. Leslie.....	24	25	23	75
Totals.....	275	291	263	833

4th. Goldstream Hornets.

Corp. J. D. Stuart.....	32	31	23	88
Lieut. C. E. Collard.....	30	29	28	87
Dr. Bell-Irving.....	29	33	25	87
W. W. B. McInnes.....	27	28	27	82
H. A. Brocklesby.....	29	29	23	81
Capt. E. H. Fletcher.....	38	23	27	81
H. Collins.....	30	19	18	77
Sergt. Gibson.....	26	27	23	76
Senator McInnes.....	29	27	21	68
Col. Sergt. Sparrow.....	26	12	4	42
Totals.....	277	271	221	769

The extra series match at 500 yards occupied the targets for half an hour before the midday recess, and was then finally closed. The scores indicate a close competition, and no doubt all the 29's would have been counted out had there been time for more firing. It will be seen that there were several cases of absolute ties, in which the prizes had to be divided :

\$6 34 (Gr. H. C. Chamberlin (West).....	25
6.53 } Bombr. A. Martin.....	25
5.33 } F. R. Sargison.....	15
4.0 } Capt. E. H. Fletcher.....	24
3.00 } Bombr. S. A. Fletcher (West).....	24
3.00 } Gr. J. McRobbie.....	24
2.50 } Gr. J. C. Chamberlin (West).....	24
2.50 } Senator McInnes.....	24
2.50 } Bombr. F. Mallandaine.....	23
2.00 } Gr. J. L. Beckwith.....	23
2.00 } Sergt. Major A. S. Hunter.....	23
2.00 } Sergt. A. R. Langley.....	23
Four 2's counted out.	

The afternoon opened rather dismally, the rain which had been threatening all morning setting in with a mild continuous drizzle that soon had the competitors and the firing points in an unpleasantly moist condition. There was no halt in the scores, however, which went on at the same remarkable rate, as will be seen from the following list of winners in the Association match, ten shots at 600 yards:

Cup and \$10—Lieut. M. G. Blanchard.....	48
\$10—Gr. J. C. Chamberlin (West).....	41
6.00—Staff-Sergt. J. C. Newbury.....	44
5.00—Sergt. A. R. Langley.....	44
5.00—Lieut. J. D. Taylor.....	43
4.00—Bombr. R. Wilson (West).....	42
4.00—Gr. H. C. Chamberlin (West).....	41
3.00—F. R. Sargison.....	41
3.00—Lieut. Collard, R.M.L.I.....	41
3.00—Sergt. A. Gibson, R.M.A.....	39
3.00—Gr. R. J. Butler.....	39
2.50—Gr. W. Duncan.....	39
2.50—Boatswain C. Sullivan, R.N.....	38
2.50—Bombr. F. Mallandaine.....	38
2.50—Gr. C. W. Newbury.....	38
2.00—Dr. Bell-Irvin (Vanc).....	38
2.00—Gr. J. McRobbie.....	38
2.00—Corp. J. D. Stuart (Vanc).....	38
2.00—Sergt. Corbett (West).....	38
2.00—Dr. G. H. Duncan.....	38

This finished the shooting in the grand aggregate, and while the statistical officer was engaged in figuring out the twenty highest, who were entitled to shoot for the places on the Ottawa team, half an hour was devoted to 600 yards extra series (five shots), which then was closed with winning scores as follows:

\$8.00—F. R. Sargison.....	23
6.00—Gr. J. L. Beckwith.....	23
5.00—Gr. McRobbie.....	23
4.00—H. A. Brocklesby (Vanc).....	23
3.00—Gr. E. Brammer.....	23
2.75 } Gr. Sloan (West).....	23
2.75 } Gr. J. C. Chamberlin (Westr).....	23
2.50—Gr. Sharpe (Westr).....	23
2.50—Bombr. Fletcher (Westr).....	22
2.00—Gr. H. C. Chamberlin (Westr).....	22
2.00—Bombr. A. Martin.....	22
2.00—Lieut. D. Taylor.....	21

The grand aggregate, showing relatively how the competitors had stood the test of the three days' shooting, was found to be as follows:

B. C. R. A. gold badge and \$5—Sergt. A. R. Langley.....	406
B. C. R. A. silver badge and \$5—Lieut. J. D. Taylor.....	380
\$5—Gr. H. C. Chamberlin (Westr).....	381
4—Gr. J. C. Chamberlin (West).....	383
3—Gr. J. McRobbie.....	383
2—Bombr. A. Martin.....	380
F. R. Sargison.....	376
Dr. Bell-Irvin (Vanc).....	375
W. W. B. McInnes.....	373
Gr. W. P. Winsby.....	372
Lieut. M. G. Blanchard.....	369
Lieut. C. E. Collard, R. M. L. I.....	366
Gr. G. H. Morkill.....	365
Gr. R. J. Butler.....	365
Gr. R. Wilson.....	363
Gr. J. L. Beckwith.....	363
Corp. J. D. Stuart (Vanc).....	361
Staff-Sergt. J. C. Newbury.....	360
Gr. C. W. Newbury.....	358
Gr. W. Duncan.....	356
Gr. S. A. Fletcher (Westr).....	355
Bombr. F. Mallandaine.....	354
H. A. Brocklesby.....	351
Gr. W. Huston.....	351

In the above list of twenty-five, five were not eligible for places on the Ottawa team, which is restricted to efficient members of the active militia. These—Messrs. Sargison, Bell-Irving, McInnes, Collard and Brocklesby—therefore did not compete in the match for places on the team, which commenced in drizzling rain and difficult light. The 600 yard range was fired first, and then the 500 and the 200, thus reversing the usual order. Notwith-

standing the drawbacks noted above—which were minimized by the absence of wind beyond the merest breath—the highest score of the meeting was made by Henry Chamberlin, who thus won the silver medal of the Dominion Rifle Association. For second prize, the bronze medal of the D.R.A., Lieut. Taylor and Gunner Duncan tied with 91 points each, and according to rule the tie had to be decided by the firing of five shots at 600 yards. This being the first event of the kind which has taken place at Goldstream was watched with considerable interest by the other competitors and by the crowd of townspeople. It resulted in a victory for Gunner Duncan, who scored 55 5 5 4—24, against 5 2 3 4 5—19 by his opponent. The complete list for the match is as follows:

	2	5	6	T
D. R. A. silver medal—Gr. C. H. Chamberlin, West.....	30	33	31	94
D. R. A. bronze medal—Gr. W. Duncan.....	31	31	29	91
Lieut. J. D. Taylor.....	31	30	31	91
Gr. J. McRobbie.....	31	29	29	89
Gr. W. P. Winsby.....	31	31	27	89
Sergt. A. R. Langley.....	28	29	31	88
Lieut. M. G. Blanchard.....	30	30	28	88
Bombr. Wilson, West.....	28	29	30	87
Bombr. S. A. Fletcher, West.....	28	28	30	86
Bombr. A. Martin.....	33	26	28	87
Gr. G. H. Morkill.....	25	33	27	85
Gr. J. C. Chamberlin, West.....	28	30	15	83
Corp. J. D. Stuart, Vanc.....	27	24	31	82
Gr. Sharpe, West.....	21	30	28	79
Gr. Butler.....	23	28	27	78
Staff-Sergt. J. C. Newbury.....	27	32	19	78
Bombr. F. Mallandaine.....	24	27	26	77
Gr. J. L. Beckwith.....	24	29	24	77
Gr. W. Huston, West.....	22	23	27	75
Gr. C. W. Newbury.....	15	27	22	74

The Team Aggregate competition, for the scores of five previously named men, representing any company, association or club, in all the matches included in the Grand Aggregate, resulted as follows:

1st. No. 2 Company A team—\$15.	
Sergt. A. R. Langley.....	406
Gr. J. McRobbie.....	383
Bombr. R. Martin.....	380
Gr. W. P. Winsby.....	372
Sergt. A. S. Hunter.....	347
Total.....	1888
2nd. No. 4 Company A team—\$10.	
Gr. H. C. Chamberlin.....	384
Gr. J. C. Chamberlin.....	383
Gr. Sharpe.....	366
Bombr. Wilson.....	364
Gr. Sloan.....	345
Total.....	1811
Next in order:	
No. 1 Company.....	1785
No. 2 Company B team.....	1753
Vancouver Rifle Association.....	1746
Victoria Rifle Club.....	1732
No. 4 Company B team.....	1728
Royal Marines.....	1656

The Militia Aggregate competition, restricted as the name implies to efficient members of the local force, included the 500 and 600 yard ranges of the matches included in the Grand Aggregate, and resulted as follows, the first prize being the Martini-Metford rifle presented by Hon. J. H. Turner:

Rifle—Sergt. A. R. Langley.....	276
\$5—Lieut. M. G. Blanchard.....	240
4—Lieut. J. D. Taylor.....	204
3—Gr. H. C. Chamberlin, Westr.....	237
2—Gr. J. C. Chamberlin, Westr.....	265
2—Bombr. A. Martin.....	255

The places on the Ottawa team, the main prizes of the competition, will be awarded in the following order, which is that of the scores in the grand aggregate of the three days' shooting combined with those of the special extra match:

1. Sergt. A. R. Langley.....	494
2. Lieut. J. D. Taylor.....	480
3. Gr. H. C. Chamberlin (Westr).....	479
4. Gr. J. McRobbie.....	472
5. Gr. J. C. Chamberlin (Westr).....	468
6. Bombr. A. Martin.....	466

7. Gr. W. P. Winsby.....	462
8. Lieut. M. G. Blanchard.....	457
9. Gr. J. H. Sharpe (Westr).....	455
10. Gr. G. H. Morkill.....	451
11. Bombr. R. Wilson (Westr).....	450
12. Gr. W. Duncan.....	447
13. Corp. J. D. Stuart (Vanc).....	443
14. Gr. R. J. Butler.....	443
15. Bombr. S. A. Fletcher.....	441
16. Gr. J. L. Beckwith.....	440
17. Staff-Sgt. J. C. Newbury.....	438
18. Gr. C. W. Newbury.....	432
19. Bombr. F. Mallandaine.....	431
20. Gr. W. Huston.....	426

Several of those in the first eight will probably not be able to get away for the Ottawa meeting, and those next in order will then be called upon. It seems not unlikely that when eight acceptances are secured four will be from Victoria and four from New Westminster, with the only militiaman competing from Vancouver as waiting man.

The Closing Ceremony.

A former presentation of the chief trophies won during the three days shooting was the closing event of the twenty-first annual prize meeting of the British Columbia Rifle Association, and the gentlemen who took part in the ceremonies very fittingly remarked upon the exceptional excellence of the scoring, and the success of the meeting generally. Among those present were Lieut.-Col. Peters, D. A. G., Lieut.-Col. Prior, M.P., Major Quinlan, and Capt. A. W. Jones, District Paymaster. They with several other Victoria gentlemen were present in the reception marquee when at the close of the firing the competitors were gathered together for the ceremony. Lieut.-Col. Wolfenden, president of the association, presided, and called upon Lieut.-Col. Prior to make the presentation. The winners were called up one by one, and received with cordial applause from the less successful competitors, and this was particularly the case when Sergeant Arthur Langley came forward time after time to receive the numerous handsome trophies which had fallen to his share, and his phenomenal scores were justly made a matter of comment. In the Grand Aggregate, consisting of ninety shots at all ranges, Sergt. Langley with a total of 406 had 46 over an average of 4.5 points per shot. In connection with the Maiden match, won by Trumpeter Leslie, of No. 4 Company, New Westminster, attention was directed to the interest of Col. Peters, the doner of all the prizes in this match, has shown in rifle shooting matters in the district, and the beneficial results which must follow the encouragement of young shots by providing for such matches as this one. The Dorothy medal, one of the souvenirs won by Sergt. Langley, was an object of general admiration, for it is certainly the prettiest medal which has been offered for competition in Victoria for a long time. It is the annual gift of Mr. H. Dallas Helmcken. The presentation of the Laurie bugle to Sergt.-Major Hunter, representing the winning team from No. 2 Company, was made the occasion of complimentary remarks by Col. Prior on the continued superiority shown by this company in repeating this year their win of last; but addressing Gunner Henry Chamberlin, the captain of the

the Westminster team, he complimented them also upon the good fight they had made for first place, and expressed the conviction that if next year they should in turn be successful the Victoria companies would not begrudge them their well-earned victory. Bombadier F. Mallandine, the winner of the Nursery match, was cordially greeted as a worthy representative of the younger shots coming to the front. Another new-comer on the range, who was very cordially complimented by Col. Prior, was Gunner W. Lettice of No. 3 Company, who amongst other prizes won in this the first competition in which he has taken part, secured the Nanaimo Corporation cup, to hold for the year. Mr. W. W. B. McInnes was next called to receive the Nelson cup, which he won in the Lieutenant-Governor's match, with the splendid total of 48 out of 50 points, and Col. Prior gracefully referred to the fact that in the matter of rifle shooting young Mr. McInnes is following worthily the example set him by his father, Senator McInnes, who also was a competitor and prize winner. The fact that Mr. McInnes was the sole representative from Nanaimo was remarked upon as a subject for regret, the hope being expressed that next year the riflemen from that city will be found in attendance as usual. Gunner R. J. Butler of No. 2 Company then came up for the Victoria Corporation cup, which he had won with 66 points out of 70. The Goldstream match again brought forward Sergeant Langley, who having won the Chapleau cup—the first prize—once before, it now becomes his permanent property. Lieut. B. Williams, captain of the team of No. 2 Company, and Lieut. J. D. Taylor, captain of the Victoria Rifle Club team, were presented the prizes won in the competition of the morning, and which the two teams of ten men each had finished so close, with remarkably high scores. Lieut. M. G. Blanchard, the winner of the Cornwall cup, was complimented upon his splendid score of 48 points out of 50 in ten shots at 600 yards. The aggregates brought Sergeant Langley to the front once more, to receive the Martini-Metford rifle presented by Lt.-Col. Hon. J. H. Turner, and set as first prize in the militia aggregate; and also the gold badge of the association awarded for the highest score in the grand aggregate open to all comers. A prize not on the published list was a pretty medal given by Mr. J. T. Bethune for the highest aggregate made by a civilian, and this was won by Mr. F. R. Sargison, well-known as a military rifle shot, but on this occasion did not compete as a militiaman. The team aggregate prizes were received by Sergt.-Major Hunter for No. 2 and Gunner Henry Chamberlin for No. 4 Company, the captains of their respective teams. The last named was then presented with D.R.A. silver medal just won in the Ottawa team match; and Gunner W. Duncan, who won the D.R.A. bronze medal after contesting a tie for it, was warmly applauded also as he came forward.

Sergeant Arthur Langley was then introduced as the leading man on the team to be sent to Ottawa, and Col. Wolfenden made an address explanatory of Sergeant Langley's performances. By invitation addresses, which proved full of good advice to the riflemen, were made by Lt.-Col. Peters and Senator McInnes, and the meeting broke up with cheers for the chairman

The Rifle Association Matches

How the Ranges Are Most Easily Reached by Rail.

This is the month in which all the principal rifle matches take place in the Dominion. The dates fixed for those yet to eventuate are:

Province of Quebec Rifle Association, at Montreal, commencing August 14th.

Province of Ontario Rifle Association, at Toronto, commencing August 21st.

Dominion Rifle Association, at Ottawa, commencing August 27th.

To keen marksmen these annual meetings are most enjoyable events, not only for the pleasure afforded by indulgence in their favorite pastime, and renewing old and making new acquaintances, but in the enjoyment of a pleasant holiday outing. All the ranges are most easily and conveniently reached by the Canadian Pacific Railway, the great connecting link in the Imperial highway, whose service in the transportation of Her Majesty's troops between Halifax and Vancouver has received the highest eulogiums from the British Admiralty. With a substantial and well constructed road bed and easy riding cars—the equipment being the finest of any railway on the Continent—the nervous system of the intending competitor is not so shaken and affected that he finds himself out of condition and badly handicapped in the competitions. In the superb sleepers of the Canadian Pacific he is enabled to make a long journey with the greatest ease and comfort, and reaches his destination thoroughly rested and refreshed, and without that weariness and tired feeling usually attendant upon travelling. In the dining and buffet cars, excellent meals are provided, which can be eaten leisurely as the train speeds along; and the elegant first-class coaches are perfectly comfortable.

The Canadian Pacific is the shortest, quickest and pleasantest route to Montreal and Ottawa from Halifax, St. John and other points in the Maritime Provinces, and from Toronto and other western points; as it is also between Montreal and Ottawa; and the reduced rates to competitors is only one of the many inducements it offers to riflemen who intend to compete at any of the matches.

Full information regarding rates, sleepers, etc., can be procured from any of the agents of the company.

An Armored Disappearing Turret Operated by Hand Power.

It is now thirty years ago that the protected turret made its appearance and took a place among the most important adjuncts of permanent fortifications. It was in 1863 that Gen. Brialmont mounted the first cupola upon the redoubt of Fort No. 3 of Anvers. Since then this metallic apparatus has been the object of numerous improvements, the principal of which have been successively brought to the knowledge of our readers; but the

latest word is not yet said. Military engineers are always at this work, and their opinion is far from being definitely settled touching the conditions that should be satisfied by numerous as yet undetermined elements of a question that is so interesting from a military standpoint. All that it is possible for them to do to-day is to formulate a few general principles, which may be unsettled to-morrow by the fact of some new discovery or new combination.

The following are the general rules that they think should be followed, at least provisionally, in the course of their work: Protected turrets for guns of large caliber are of two kinds, the *disappearing*, for the direct firing done by large guns, and the other, *simply revolving* for the curved firing of short guns. The latter should be carefully concealed from the sight of the enemy. The turrets may be called upon to receive one or two guns. The first of these two arrangements is preferable from a military view-point. If the second is quite often adopted, it is solely by reason of economy. As regards the selection of the metal to be employed for the manufacture of the movable armor-plating, experience has permitted the conclusion to reject hard cast-iron, and even the best steel (cast, forged or tempered with lead), which cracks too easily under the action of the impact of torpedo shells. At present it is rolled iron that is in favor; but will it be so long? Hard cast-iron seems also to be admissible for glacia plates that have to withstand only the effects of vertical firing.

The top of a turret may have the form of a convex cap of large radius composed of two or three pieces of rolled iron from 10 to 12 inches in thickness. As for the cylindrical part of the movable armor plating, that should not be less than 18 inches. Every armor casing includes a lining for the purpose of warding off the danger of a falling of fragments of metal detached from the roof through a shock or the explosion of projectiles during a combat. This lining, which is of steel plate, is formed of two thicknesses of $\frac{1}{4}$ inch plates.

Such are the essential rules that are now about admitted; but there is a host of conditions of detail that a well-organized turret must fulfill. The limited space at our disposal obliges us to confine ourselves to a simple enumeration of the accessory questions that are to-day the object of the studies of a number of engineers of merit.

These subjects of study are the following: form of the glacia plate; hermetical closing of the gun chamber; method of revolving the turret; organization of the armament, as well as of forward and upward pointing, direct or indirect; masonry substructures; lighting; acoustic and telephonic communications; observatories; ventilation; methods of getting rid of the foul air, etc.

While waiting for each of these questions to receive a rational solution, it is well to make known an extremely simple disappearing apparatus, conceived by commandant of engineers Galopin. A model of this apparatus constructed at the Creusot works has been tried with complete success under the eyes of a delegate of the council of war.

FOR SALE.

Rifle Officer's Saddlery complete Saddle, Bridle, Shabraque, plume etc. In good order.

C. S. JONES.

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