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Volunteer Review

AND NAVAL GAZETTE. MILITARY

A Journal Deboted to the Interests of the Military and Nabal Forces of the Dominion of Canad

VOL. VIII.

OTTAWA, (CANADA,) TUESDAY, AUGUST 25, 1874.

No. 34

NEWS OF THE WEEK.

WE hail with pleasure the re-appearance of our old friend the Manitoban, which was sus Pended immediately after the death of Mr. Cunningham, one of its proprietors. It is now solely under the management of Mr. Caldwell, the senior partner of the late firm, and is edited with considerable of ability. We clip the following paragraphs from its columns of the 8th inst.

"We are glad to learn that it is probable that the lands in the Settlement Belt on the Red and Assiniboine Rivers soon to be of. fered for sale, will be sold to the actual set tlers only. This is good news for the country, if true, as no greater minor calamity could occur than the locking up of this, nearly half million acres, of the most valuable land in the North West in the hands of *Peculatore."

"We have been favored by a visit from Col Shaw, the gentleman who is engaged in promoting Scotch Emigration to Manitoba. Col. Shaw has arranged with the Do minion Government for 8 townships to be reserved for ten years on condition of his undertaking to settle 1.000 families upon it within that period. He expects to be able to bring 200 families out next spring. Ex-Perienced Canadians are to be engaged to Overlook the colony. The members of it will be assisted on their passage out and provided with land, seed and implements on their arrival. They will be expected to repay the outlay in three years by a portion of the produce they are enabled to raise. We wish Col. Shaw every success in his deaign.

Hon Robert Leonard Hazen, Senator, died at St. John, N.B., on the 15th inst. Mr Hazen was nearly the last representative of

the most distinguished of the old Loyalists families, whose history is indentified with that of New Brunswick's early struggles.

The election of a representative of the Public School Teschers in the Council of Public Instruction, has resulted in the restriction of Coldwin Shuit by a majority of 277 turn of Goldwin Smith by a majority of 277.

The Ottawa mill owners held a meeting at the office of Levi Young Esq. on the 21st; and after taking into consideration the state of the trade, the scarcity of piling ground, and the desirability of not overstocking the lumber market, the principal depots of which are glutted, it was unanimously re solved to shut down the Chaudiere Mills on Saturday, 26th of September proximo.

A Boston merchant has information from San Francisco that 600 ships of 1,200 tons British interests. None were wounded,

each will be required to carry the surplus grain crop to Europe this season, and not more than 550 sail can yet be reckoned on for that purpose.

A Chevenne half-breed from Powder River, reports that at a council of Cheyen. nes and Arapahoes it was decided to with draw all the hostile parties from the vicinity

of the railroad, and return to the Agency. Lieut. General Sheridan discredits the reports of a battle between the Indians and General Custer. From his knowledge of the locality and of the Indians, he is confident that no such collision could have occurred. No official report has been receive ed of any such affair.

The loss by the flood at Austin, Nevada, yesterday, caused by a cloud burst will amount to over \$100,000. The people were warned in time by a messenger on horse back and escaped to the hills. The deluge was about ten feet deep and it rushed down the cannon. No lives were lost.

An order has been issued by the Secre tary of the U.S. Navy, abolishing the office of an executive officer of navy yards and providing an assignment to each yard of an officer not above the rank of commander who shall be senior aid to the commandant. It also provides there shall be attached to each Navy Yard, a Captain of the yard who shall be senior to all other line officers in the yard and in the absence of the commanding officer act as commander.

Special despatches from Washington say, on the authority of Secretary Fish, that there is no truth in the report of the proposed cession of Porto Rico to Germany.

The London Gazette of July 31st; informs us that the Queen has caused letters patent to be published under the great seal of the United Kingdom, constituting the settle-ments on the Gold Coast and of Lagos into a separate colony, to be called the Gold Coast Colony, and providing for the govern-ment thereof. Her Mijesty has also been pleased to appoint Captain George Cumine Strachan Rae to be Governor and Commander in Chief of the Gold Coast Colony. Her Majesty has further been pleased to appoint Mr Charles Lees to be administrator of the government of the settlement of Lagos.

The Jersey islanders sent to London mar kets in two months this spring \$1,000.000 worth of new potatoes. The season's crop of this vegetable gives for the total area of the island \$35 an acre.

The Foreign Office has received information that the Spanish Republican troops have fired upon some officers of the British war ship 'Fly,' which is cruising off the north coast of Spain for the protection of

Commandant Gonzales, of the Magee out rage notoriety, and his accomplice Butles, have been tried by court martial and sen tenced the former to five years penul servitude, and Butles to two years. The Sentence awaits the sanction of the Govern-

The Chinese Government has given Japan ninety days to withdraw its troops from the Island of Formosa. In the mean time China is making extensive preparations for war with Japan, which it is generally believed will ensue.

General Lewal has concluded the investigation into the circumstances of the escape of marshal Bazaine. He reports that the majority of the guards are guilty of connit vance and Bazaine simply left by the open

Ex President Thiers has returned to Paris with his health completely restored.

Colonel Villette, the aid de camp of Marshal Bazaine, was examined. He denies all complicity in the escape. The rope story gains credence and several experiments have been made, and prove that the descent which Bazaine is reported to have made from the terrace was not difficult.

It is reported that Russia has a last consented to recognize the Spanish Republic.

The Post says the Brussels Congress abandoned the Russian programme. The delegates have transmitted for satisfaction to their respective Governments the resor lutions adopted, which merely enlarge the humane provisions of the Geneva Conven tion.

Carlist advices report a second engage. ment at Otiya between the Moriones and the Dorregaray, in which the former was defeated with heavy loss and driven back to Torraga

It is officially announced that three assaults of the Carlists on Aclanaige have been repulsed with a loss to the garrison of sixty killed and wounded.

President McMahon in his progress, through Brittany has arrived at Rennes.

Marshal Bazaine intends to go to England in a few days.

Marshal Bozaine has written a letter to the Minister of the Interior in which he says that neither Col, Villatte nor any of the other prisoners now in custody are re sponsible for his escape from prison. He declares that he had no accomplices in the Fort or elsewhere except his wife and nephew. The Marshal describes how he eluded the surveillance of his julor, and in con-clusion says "resenting the humiliating prison regulations I felt justified in an at tempt to recovery my liberty.

ANNUAL REPORT ON THE STATE OF THE MILITIA FOR 1873.

APPENDIX No. 3

(Continued from Page, 388.)

ON THE SUBJECT OF ISSUES OF LIGHT AND FUEL FOR "A" AND "B" BATTERIES, SCHOOLS OF CONTRARY.

Kingston, Dec. 19th, 1873.

-I have the honor to enclose here with the proceedings of two Boards of Officers, of which I was the President, assembled at Kingston, Townto, Quebec, and Montreal, to report upon the issues of fuel and Light and other supplies required for "A" and "B" Batteries, Schools of Gunnery, at those stations, under instructions contained in your letter dated Ottawa, Ootober 27th, 136.

In the present Reports of Proceedings, the Boards have confined their attention entirely to the supplies connected with heating and lighting barracks and quarters.

The Regulations and Orders for the Active Militia regulate satisfactorily the scale of rations of food (201) and forage (290). and as there have been as yet no complaints or difficulty with respect to these issues, when properly contracted for, the Boards have abstained from suggesting any change in the working of the present system, except so far as to recommend the employment of an officer in the capacity of supply or control officer, at Kingston and Quebec, to protect the interests of the department, as will as of the troops in their dealings with contractors.

The sweeping of chimnies, cleaning of stoves and pipes, washing of hedding, straw for bedding, and sheeing of hores, are all subjects of supply in the every day life of these Schools of Gunnery, or indeed of any body of troops nermanantly established; but as the present system efsupply appears to be working well, the Boards await further instructions from head-quarters, if they are required to make special reports upon these services.

I have the honor to be, Sir, Your obedient servant, S. P. JARVIS Lt. Col. President of Boards on Fuel, Light, &c. The Acting Adjt. Gen. of Militia, Ottawa.

REFURE OF BOARD ON "A" BATTERY, SOMOOL OF GUNNERY, KINGSTON,

Proceedings of a Board of Officers, assembled by order of the Aeting Adjutant General of Militia, dated Ottawa, October 27th 1873, for the purpose of examining and reporting upon the provision actually necessary to be made for the issue of fuel and light and other supplies at the Artillery Schools of Gunnery at Kingston and Quebec, and the detachments from the same at Toronto and St. Helen's 1stand, for officers and men of "A" and "B' Batteries.

A Board, consisting of the following officers, having assembled pursuant to order at Kingston, on the 30th October, 1873, proceeded to examine the buildings occupied by the head quaters of "A" Battery, School of Gunnery, at that station:

Lieut.-Colonel S. P. Jarvis, C. M. G., D.A.G. Mil. Dat. No. 3,

MEMBERS.

Lieut.-Colonel Jackson, Acting D. A. G., Mil. Dist. No. 4.

Lt. Col. Taylor, D. A. G., Mil. Dist. No. 1.

The Board found occupied in the Tête-du pont Barracks at Kingston, the following reoms, viz :
1 Commandant's quarters.

1 Field Officer's.

- 6 other Officers' quarters—one of whom is a married officer, occupying a detached residence, in the Dock Yard.
- 1 Officer's mess-room.
- Officer's ante-room.
- Officer's kitchen.
- Sergeant's mess room.
- 8 Staff Sergeants' quarters.
- passages. 6 barrack rooms-one of which is occupied by the Band, and also used for practice.

soldier's cook house.

- 2 hospital wards.
- 1 surgery.
- l ablution house.
- 6 detached forts and towers.
- cell (sufficient for a large garrison).
- Quartermaster's store.
- 3 offices (one Commandant's office, one Master Gunner's office, one orderly room).
- 1 lecture room.
- 2 drill rooms (being four barrack rooms with the partitions removed).
- 2 work shops.
- reading room or library.
- guard room.
- 1 "lock-up," or defaulter's room (off guard room).
- 1 harness room.
- 2 stables (one for officers' horses).
- 2 exterior lamps (one of which lights the Barrack gate, guard room, and cutrance to the Barrack cells, and one at the officers' mess.

The detached forts and towers in charge of "A" Battery consist of Fort Henry, Fort Frederick, and four Martello Towers, for the care of which small detachments or coretakers are detailed. The two forts are on the mainland, and access to them is gained by good reads. Of the four Martello Towers, one called the Murney Tower, is at the Western limit of the city, on the main shore, commanding the entrance to the harbor from the Lake. A second called the Shoal Tower, is erected within a few yards of the Market Battery, in the centre of the city, and opposite the Town Hall and Market Place. Access to this tower is gain. ed by means of a boat, provided by the Militia Department. A third in Fort Fred erick, opposite the city, and is called Point Frederick Tewer. The fourth is called Ceder Island Tower, and is erected on Cedar Island, beneath the guns of Fort Henry. Access to this tower is likewise gained by means of a boat, also provided by the Militia Department.

This tower, in conjunction with the others, commands the approach to the two forts by water, and also the channel of the St. Lawrence, on the Canadian side of Wolfe Island.

For the purpose of regulating the issues of fuel and light, the Board recommended that the year be divided in the following manner, both days inclusive in each period, as laid down in the Imperial Regulations for the issues of fuel and light, for Canada West, viz.:

Summer period.—From 7th May to 15th October, 162 days.

Winter period—From 16th October to 30th November—16th March to 6th May. 98 days. Mid winter period.—From 1st December to 15th March, 105 days.

The ration of fuel wood recommended is one inch running measure of an English cord, being eight feet long, four feet high,

and four feet wide.

The ration of coal-oil recommended is one fifth of a Canadian pint, to correspond with the one ounce of mould candles to a single ration, as laid down by Imperial Regulations and Scale of Issues.

One such ration of coal-oil is computed to burn for three hours in a single lamp with a burner of ordinary size.

The general scale of issue herein proposed is the same as established by Imperial Regulations in Canada, as far as the same apply to the occupation of the Barracks and other military buildings by the Schools of

As coal oil is dangerous in stables and other places containing combustible material the Board recommend that an equivalent in mould candles for stable lanterns be issued for such places, in lieu of the rations of coal oil allowed,

The scale of fuel and light for the Têtedu pont Barracks and the detached forts and towers at Kington, occupied by "A" Buttery, is shewn on the tabulated form at-

tached to this Report.

The Board are of opinion that of the four Martello Towers, two might be closed and not occupied at all by caretakers, viz. : the Murney Town and the Shoal Tower. But as the Murney Tower contains a large quantity of Artillery stores, including pow der for the guns, it would be necessary to remove them, if caretakers are not stationed permanently in them.

A recent By-law of the City Council of Kingston has desired all powder to be removed to the old Magazine at Point Frederick. Consequently the powder in the two Martello Towers mentioned above (Murney and Shoal Towers) will be subject to that By law. And if the powder is removed, the other Artillery stores can also be removed

from them.

There are two ditch towers at Fort Henry. for which allowances have occasionally been drawn, but the Board do not think it requisité to have them occupied, if properly secured. They being in charge of the com-mandant of the School of Gunnery, should be visited periodically by an officer under his command.

The Military Hospital outside of Fort Henry, is properly in charge of the Store Department, as one of the public buildings handed over to the Dominion by the Imperial Government. A caretaker from "A" Battery is now in occupation, and fuel and light are drawn by the School of Gun-nery for this purpose. The Board do not recommend allowances for this building to be charged against "A" Battery School of

Gunnery.

The officers' mess established in the lête. du pont Barracks having been provided with gas fixtures at consderable cost, and the Commandant of the School of Gunnery hav. ing represented to the Board that his mess has not drawn coal oil, as allowed by the regulations, for several months, but has consumed and is now consuming gas at the ex pense of the officers themselves, the Board think that so long as gas is burnt in this establishment, and coal oil is not drawn, an allowance of money equal to the value of their allowance in coal oil should be paid by the Militia Department to the mess, on condition that the officers continue to pay the Gas Company's bills.

At the same time, the Board are of oninion that the consumption of gas as a means of lighting Burracks is not likely to be an economical arrangement, and do not there-fore recommend its general adoption.

In view of the increased and increasing price of fuel wood, the Board t ink that a more economical arrangement for heating the Barrack might be found, in substituting coal for wood as fuel, and self-feeding coal stoves in place of the old pattern wood stoves. Suitable coal stoves can be manufactured at Kingston, and probably at other places in Canada, for about \$22 a stove, and small stoves at less cost.

An apparatus for heating now buildings by steam would perhaps, be a still better arrangement, both as regards economy and comfort; but the old Barracks handed over to the Dominion by the Imperial Govern ment, are not now adapted to this mode of heating, especially the casemated rooms in the Forts, and the expense of building fur-naces and introducing pipes would be very great, Whereas, the exchange of coal stoves for wood stoves, as suggested, would merely be the removal of one kind of stove for another, and the old wood stoves might realize a good price if sold to people living in the country, who have always a supply of wood at their doors.

The Board calculate that one ton, or 2,000 lbs. of coal, would be equal to about one cord and three-quarters of wood, or 168 rations. Both coal and wood being of the best quality and hard; and in the event of the coal stoves being adopted, they would recommend an allowance of coal equivalent to the allowance of wood, as already recommended herein, which equivalent, in the opinion of the Board, should not exceed twelve pounds of best hard coal to the singie ration, or one incl. running measure, of an English cord of wood.

This description of coal can now be pur-chased for \$7.50a ton of 2 000 lbs., while the price of wood varies in the different parts of Canada from \$6 to \$8 a cord, with a probability that these prices will increase. And the Board consider that so large a saving in the purchasing of fuel would be effected in a single year by the substitution of coal for wood as a fuel issue to troops, that the cost of purchasing the coal stoves would be covered, and the Board also think that the bdildings would be heated in a more unr form and satisfactory manuer, and much labor saved to the men.

The Board are further of opinion that some permanent officer should be charged with the superintendence of the Gov inment issues, whether of food, or equipement or supplies of any kind, and would suggest that a District Quarter Master be appointed to Kingston and Quebec, the two head quarters of permanent corps. This officer could then act as a supply officer to the trocks emodied for service in these gar risons, and be likewise available for the care of District Stores not under the Immediate charge of the artillery.

He would also superintend the issue and receipt of camp equipage when required for service.

His salary would amount to a small percentage of the annual expenditure under these heads, and the saving effected, to geher with the better preservation of the public property, would amount to a large percentage on the losses annually sustained for want of necessary supervision.

S. P. JARVIS, Lt. Col., President. W. H. JACKSON, Lt. Col. Act.
D. A. G., M. D. No. 4.
John B. Taylor, Lt. Col.
D. A. G., M. D. No. 1.

TORONTO. Nov. 1st. 1873.

The same Board having gone from Kingston to Toronto, assembled at the Militia Brigade office in Toronto, on the 1st Novem ber. 1873.

They found occupied by a small detachment of "A" Battery, from Kingston, the following rooms, viz. :-

Sergeant's room, In the old 2 Soldiers' barrack rooms, I Soldier's kichten. Fort.

2 Carotakers' quarters, in the Stone Barracks.

At this particular time there were a num: ber of recruits with this detachment await. ing orders to proceed to the School of Gunnery at Kingston, and a second barrack room was occupied; but as a rule, one barrack room is sufficient for the detachment, as recommended in the tabular from attached to this Report

S. P. JARVIS, Lt. Col. President. W. H. JACKSON, Lt. Col. Act. D. A. G., M. D No, 4. JOHN B. TAYLOR, Id. Col. D. A. G., M. D. No 4.

Hingston, December 12th, 1873.

REMARLS OF COMMANDANT OF "A" BATTERY ON REPORT OF BOARD.

School of gunnery, Kingston 8th Januray, 1873.

Sin, -With reference to your letter of the ifth ult., rolative to enclosed proceedings of a Board of Officers on fuel and light, &c., I have the honour to submit the following remarks on certain points at issue therein.

1. With reference to the opinion of the Board (page 5) relative to the closing of Murnoy and Shoal Towers. I quite agree as to the advisability of closing the latter, as from its position and compartive maccessibility it was be made secure, and being visited freq tently the stores, &c., could be kept in good order. I do not consider that the same remarks hold good with respect to Murney tower, which stands in a comparatively isolated position, and if left untonantod might at any time be entered.

It has been always hitherto occupied by one or two married men of "A" battery, who perform their regular duty in barracks , without inconvenience, and as I entirely fail to see the force of the argument that a By law of the City Council can in any way affect or influence the arrangements considered necessary to be made for the proper , armament of these forts, by the proper authorities, I do not see any necessity for altering the existing arrangements.

2. With regard to the proposed substitue tion of coal stoves for the present box wood stoyes, I would venture to suggest that before deciding permanently on the exact equivalent of rations, the experiment be made with the proposed stove—say in the Officers' mess,

- 3. With regard to the scale of rations as shown in the tabulated form annexed to the report, I remark:
- (1) No stoves appear for either the commandant's or officers quarters, or for the sergeants' mess.
- (2.) Cells—Allowances recommended would not be sufficient with the present apparatus, which is arranged to warm the en tire building.
- (3.) An allowance of light would be remer, say half ration each lamp.

(4.) No allowance appears to have been recommended for prisoners' room, (look up), for which a stove is required, and has been always.

(5) An allowance of light is required for use of the stable picquet lantern in summer, in case of accidents, & , -say quarter ration

each lantern.

With the above exceptions, I concur with the opinions of the Board, but wish to re-mark that the "caretakors" measioned in their proceedings and bona-fide members of "A" Battery and shewn on its effective strength, whilst in the case of those living in the hospital, on Cedar Island, and Fort Henry, they are unable to attend drill and receive instruction. I would therefore strongly recommend the advisability of placing careful, steady married pensioners in these positions, and in excess of the present establishment,

I have the honor to he, Sir, Your obedient servant D. T. IRWIN, Major, Commandant S. G. (To be Continued.)

THE NEW SO TON GUN -This monster piece o' ordnance will, when finished, he greater tann twice the size of the largest gun in existence, and its destructive powers at fighting range equally proportionate. With a 16 mch projectile, weighing 1,650lbs., and a maximum charge of 300lbs. of powder, it will pierce the bost iron plates 20in. thick at 500 yards, 16m. plates at 5,300 yards, and will pitch a 16m. shell into a ship or for-tress at a distance of 10.300 yards. The steel block forming the inner tube was the largest over cast, weighing over twelve tons: was the largest forging ever produced at the Arsenul. The actual cost of this fearful engine of war will not fall far short of £8,500.

TUREISH ORDER FOR KRUPP CANNOS. -- By command of the Sultan, the Levant Times says the Grand Vizier has signed a contract with the local representatives of the Krupp foundry at Essen, ordering 200 field pieces for the Turkish army, with the corresponding gun carriages and other appurtenance complete. His Mujesty will, defray the cost of this order out of his privete purse. The Grand Vizier has also signed a similar order for thirty of these field pieces, at the requist of the Valide Sultana, the Sulaan's mother, who will herself defray the cost of this second order, her Highness having pre-viously paid for twenty other pieces of Krupp artillary for the troops. The Valide Sultana makes it a condition that the thirty conuons she now orders shall be delivered within four months.

Alsace is this autumn to become the scene of grand field manœuvres, in which the concen ... of an unusually large cavalry force is to form a prominent feature. The sham battle-field selected is the plain about Brumat. Germans in Alsace flatter themselves that the Emperor William will attend the manouvres in person, and the repairs of the prefecture in Strasburg, which 15 to serve as a temporary residence for the Imperial guest, are being hurried on on purpose. It appears, however, far from settled if the Emperor, will really attend.

An ex lieutenant of the Italian Army, discharged for marrying without permission of the War Minister, and reduced to the utmost poverty in consequence, has, says the Gazzette del Popolo, murdered his wife and (3.) An allowance of light would be retthere children, after giving them a coporification of the men's reading room in sum. As he was about to be arrested he cut his them are the retion each lamp. own throat,

THE TACTICAL EMPLOYMENT OF MITRAILLEUSES.

Few probably of those who witnessed the display made by our small force of mount ed artillery at Woolwich the other day were sware that the Montrol before whom defiled that much admired Army had ready for the field at least four mitrailleuses for every gun we showed upon the Common.

Yet such is the case; without including the Army of the Caucasus, Russia will soon have an artillery amounting to 235 batteries of eight pieces, or a total of 1880 field guns, besides forty seven batteries of mitrailleuses. As each battery of mitrailleuse also consists of eight pieces, the total would be 376.

Most of the Great Powers have now introduced the mitrailleuse into their field armament, and we ourselves have done so ex-perimentally. Though no organized battery of this weapen exists in England, we possess a few for trial, made by contract by Sir W. Armstrong and Co. This firm recently ex-bibited at Vienna a Gatling very similar to the Service one.

Several different natures of mitrailleuses are used, but before describing them we will enter into the more general and somewhat vexed questions as to how and where they

should be employed.

The sole experience we have as to their utility in actual warfare is that gained from the Franco German war. When that gigan-tic struggle commenced, France had about 200 mitrailleuses, equipped and organized for the field; much mystroy enveloped the new weapon, and most exaggerated reports of its powers were circulated amongst the French croops. Upon the German side, however, there were no machine guns, except two battories of (so colled) revolver cannon on the field system, belonging to the Bavarian Army, the German staff in consequence took every opportunity of decrying the mitrailleuse and of underrating the deadly effects of its fire.

From the contradictory reports received during the war, it was difficult for impartial observers to determine the true tactical value of this firearm. Fortunately, a committee of officers, with Colonel Wray, C. B., Royal Artillery, as president, had been appointed in August, 1870, to examine into the merits of various mitrailleuses. Having satisfied themselves that the Gatling was much the best of those submitted, this com mittee carried on exhaustive trials between that gun, a 9-pounder muzzle-loading rifled field piece, and six soldiers armed with the Service Martini-Henry Rifle, at ranges between 300 and 1200 yards. These trials took place at Shoeburyness on level ground and resulted in the Gathing giving by far the greatest number of hits at the ranges mentioned.

After the termination of the war of 1870 71, the committee further examined a number of officers who were present, on either ber of officers who were present, on either side, with the contending armies in France. Evidence of the most interesting nature was given by many officers who had heard the deadly rattle of the mitrailleuses, and seen its effect on the field of battle. At Gravelotte, at Bazeilles, and elsewhere, but more especially at Sedan, it was shown that they had done t rible execution, Mr. Winn thus described an incident of the first nam ed action :-

"It was about three o'clock that Malmaison was taken by our (the German) troops, and it was on some Uhlans who tried to cut off the retreat of some Voltigeurs that the mitrailleuse so terribly vindicated its character for distruction. A squadron rode for

ward with its usual pride and confidence we heard the growl of this truly infernal machine; we saw an unwented confucion in the Lincors ranks; they whooled and retired, leaving behind them thirty two horses and as many men. They had unwirtingly crossed the fatal line of fire; and had they remained to rescue their comrades, three minutes would have sufficed to put them in the same helpices condition. We had gone forward to the extreme point of the glen, and with our glasses could plainly see the gunners as they placed the fatal plate in the hydra-mouthed cannon."

Space will only allow of our quoting this single instance out of the many given before the committee, but the evidence taken by them may be thus summed up:—French officers and those who witnessed the cam naign from the French side were generally in favour of employing mitralleuses in the field, while the Prussian staff disapproved of their use. Almost all the English officers, however, who were with the German armies considered that they would be a most use ful adjunct to artillery, under some cir-cumstances. The French mitrailleuse : ere heavy, requiring as many as six horses for draught, and were certainly inferior to our Catling gun.

It seems pretty clear that mitrailleuses in small numbers may be advantageously added to our armament; but all authorities on the subject agree that their taccical use in the field should be restricted to defensive operations, that they should generally be entrenched, and be kept masked, as far as possible, from artillery fire. It is especially where the enemy must advance over a nor row front, at some critical moment, and the ground is tolerably level, that this weapon might afford invaluable support to infan

The report of Colonel Wray's Committee, as well as those made to the Jovernments by officers ordered to inquire into the question, points out that whatever the value of mitrailleuses, they should not for a moment be confounded with field guns, properly so called, their functions being totally different; they should not be used to replace a single gun, but only be looked upon as an auxiliary. Against troops under cover of any sort the mitrailleuse is harmless; it could not damage the very weakest field. work.

As to organization for the field, it seems advisable that mitrailleuse batteries should be manned and horsed by the artillery to their own special arm. We find, however, that Austria attaches a battery of mitrail leuses to some of her Hangarian Militia Regiments; this arrangement is a bad one, for moving with infantry they would mutu-

ally hamper one another.

In France, Russia, and Spain we find mit railleuse batteries forming part of the brig-ades of artillery; in Russia a brigade of field artillery consists of five batteries of guns each and one of the same number of mitrailleuses; each brigade of Spanish ar tillery also contains one mitrailleuse battery of six pieces, in addition to five batteries of field guns. Colonel Wray's Committee proposed batteries of twelve Gatlings for our own Service.

Should these weapons be employed in the tield in future wars, it is probable they will be kept with the reserve artillery of the division or army corps, so as to be well in hand when the general commanding desires support for his infantry at critical periods of defensive operations.

The moral effect of a bursting shell is always great, but more especially so when mon axis.

savage or semi civilized enemies have to be encountered, while, as before mentioned the mitrailleuse is innocuous where cover is available.

For mountain or bush warfare, therefore, this weapon does not appear so well fitted as a light shell gun. The Amerous, indeed, have just ordered fifty Gatlings for use by their troops on the Indian frontier, but the rolling prairies of the Far West do not afford much cover, The Gattings in question are suited for carriage by pack animals if necessary.

Our small British force on the const of Africa was furnished with Gatlings, but they were found too cumbersome, and were not taken further than the Prah. The little steel gun of 200 pounds weight proved a more formidable weapon against the Ashan

tees.

Authorities of naval matters, both in England and America, seem to think that mitrailleuses might be very useful in ship's tops, and, under some circumstances for boat operations. For boat service particular ly their absence of recoil is in their favour but should a landing be opposed by field artillery it is evident that boat guns must not be supplanted by them any more than field guns on shore.

There are, however, other purposes for which mitrailleuses seem eminently

adapted, e. g.: —
For flank defence of fortresses, for service in advanced trenches to repulse sorties, and, on the side of the besieged again, to defend the "imminent deadly" breach. Want of recoil, lightness, and mobility all combine to fit them for such service when we consider the rapidity of their fire.

The American Secretary of State for War, after receiving the reports of several boards of officers. Intely recommended to Congress that 292,600 dollars should be appropriated for the purchase of 209 Gatling guns, which were to be mounted in the short flanks of certain wo.ks, by the 1st July, 1874. Russia has also a number of mitrilleuses for her fortresses. For ourselves, Sir W. Armstrong and Co., have made a few Gutlings of 0.65 bore, for trial in the armament of our navy and coast defence. With the manufacturir ; capablities at their command, our authoriti's have thought it well to make sure that we possess the best natura of mitrailleuse available before having large numbers made, and in this they have no doubt acted wisely.

Since the era of the Crimean war, numer ous machine guns, some of very ingenious con struction, have been brought to notice and inventors are sull striving to perfect them further. Various plans have been adopted to attain rapidity of fire. In Sir J. Soit Lillie's rufle butters, proposed before not altic cartialges had been introduced, a nuar ber of tille barrels were placed in the same horizontal plane in a rigid frame, each lay ing a separate revolving chamber to hold twenty or thirty cartridges. We find a similar construction as to the position of the barrels in one of the latest inventions, viz., the Palmerantz mitrailleuse, parented by a Swedish Engineer, and which is capable of delivering us many as 560 shots per minute. A model of this weapon was exhibited at Vienna. Others attempted to utilise the principle of revolver, a single barrel being fed by several chambers. As may easily be imagined, this plan was a failure, the barrel soon became red-hot if the fire was very rapid. The construction most used of into is that in which several rifle barrels are assembled round a com-

In the French mitrailleuse and in that of Christopher and Montigny (the Austrian Service weapon) the barrels, 25 and 37 in number respectively, are stationary and en closed in a casing, so that, as to exterior, they much resemble a field gun. They are loaded by means of a cirtudge plate which holds as many cartridges as there are but rels, and which is placed vertically into a slot behind them, much is the vent piece in an Armstrong gun. There is a firing ar rangement in the breech behind the plate with a spring and striker for every cartridge. By means of a lever and sciew the car tridge plate is jummed against breech ends of barrols, the cartridges pushed into these latter and then each barrel fired in quick succession or altogether as may be required. The cartridge plate has to be taken out and replaced by a new one on each discharge. These mitrailleuses can fire from 150 to 300

rounds per minute.
In the Gatting gun used by Russin, America, Turkey,&c., as well as by ourselves, a num ber of steel barrels secured to a central axis are made to revolve in a rigid frame work and brought in succession opposite a similar number of locks in the rear part of the frame so that certain of the barrels are always in process of loading, others are being fired or having the cartridge cases extracted. The feed is given by means of drum or hopper from which the cartialges drop upon a carrier, and the locks, acted on by coms, mov backwards and fo wards as a crank is turned, pushing in the cart. idges, firing, and extracting the empty cases in succession. An ingenious automatic ar rangement gives any required lateral spread. Gatlings vary in construction, and the Nobel pattern (as improved by General Gorloff) used by Russia, differs in many de-tails from our own. They can be fired at the rate of from 200 to 400 rounds per minute.

The greatest rapidity of fire as yet obtain. ed from a mitratheuse is that given by the Palmerantz invention, which, as before mentioned, can fire 5,0 rounds per minute. Some such rate of fire combined with great | mobility is required, with the desideratum ; that the mechanism must be simple and not liable to damage or to get out of order.

Whon all these have been secured we shall doubtless hear more of this somewhat novel wenpon .- Broad Arrow.

GUNS,

A lecture was given on Monday last at the Royal United Service Institution by Major J. P. Morgan, R. A., Assistant Superintend. ent of the Royal Gunpowder Manufactory, i Waltham Abbey, on breech loading and I tauzzle loading guns. Admiral Sir Freder ick Nicholson occupied the chair, and a large number of officers were present.

Major Morgan on introducing the subject i to the meeting quoted a speech of Professor Ferriers, who stated men supposed they could advance in philosophy by going for wards, whereas in reality they must go back wards, and get to the beginning of the case before they attempted to reach the end. Breech loading, he continued, was by no means a new idea, as such a system was tried in the sixteenth century, but it was shelved until recent years. On the continent breech toading guns had been adopt ed by Prussia and Russia, owing to the skul and perseverance of M. Krupp. Austra was undecided between the two sy tems, but was perhaps more favourable to the breech loading system, and France had a

broech lorder of her own, which differed entirely from Keup 8. Capcain Sampson, of the United States Navy, in his recent publication, entitled "Report on Naval Mission to Europe," stated that he believed breech loading would be a real benefit, and severe ly criticised the construction of the Wool wich gua, he however, referred to the horm less cracking of some of the steel hoops en closing the tubes of the Vavasseur gun, as if when in trouble it could, like a crab, part with the limb mnosasasly. Many of its Krapp gane, according to a report by Major Haig. R. A., had burst, which accidents had been attributed to the want of the steel hoops in former construction, but if Captain Simpson reported so favourably on the Krupg gun, overlooking previous failures, surely similar charitable consideration ought to be granted to the Woolwich gun. Much strength had recently been added to the former guns by the principle of shrinking. The failures of the Woolwich gun might be accounted for by the fact that there was an clastic strength of twenty live tons received by a tube which was intended both to resist inital compression, and to develope elisticity, instead of, as it should be, the former being received by a hard steel breech piece, and the latter by a soft tube. The structure of French heavy guns was originally good, in theory consisting of cast iron hooped with steel, but subsequently a steel tube, ex-tending from the breach to a little in from of the truncions, was added. The less cast iron there is in the walls of a gun the better, and for that reason he considered the Krupp construction was much superior to the French. After reciting from authorities on the two systems, he said he thought it appeared . 'e undeniable that, other things being equal, muzzle loading guns were su perior to breesh loading in strength, a dety, and cheapness. A system of his own, he urged, gavo even greater advantages than muzzle loading guns. The principle consis ted in the longitudinal pressure being received on a heavy and solid block of metal, which in reality forms nearly half the gun, and acts as an automatous breech piece, This retreated from the muzzle under the pressure of the explosion, and performed the recoil by itself instead of the whole gun doing so. The most fatal objection to the Armstrong and Krupp breech loading guns had hitherto been the lead coating on the projectiles, which gave great friction, and which on flying off an impact, reduced the power of penetration. In regard to wind age and fuze, the former was best for scoring but it allowed of the use of a good muzzle loading time fuzz, and because the Arm stronggun failed in this respect at Dartmoor, the experiments on that occasion were chiefly considered unfavourable to breech loading guns. In urging his own system, he stated that the greatest strain with a 1200ib gun would not exceed 100 tons, instead of being at least 1000 tons in old guns firing at 150 elevation. He recommended that, altho' great strength had been obtained, it should not always be used, such a course being a great safeguard against the spliting of the tubes, to which the Woolwich guns were occasionally liable, and which would be a serious mistortune to ships carrying only two large guns. He was convinced that tuition in the subject of armament could never be complete until a satisfactory breech loading gun had been produced, and although many believed in his own principle, yet he could not complain of its yet failing to receive recagnition, he himself spent fourteen years in believing and working it out.

to a question he put to the lecturer, that the muzzle londing system was used generally by the Powers who stood by England, including Norway, Turkey, and Egypt.
Colonel Chesney, R. E., considered the

sut j. et before them was made unnecessarily complicated owing to field guns being taken under the same head as naval guns, ticimins were satisfied with their guns bocause of the experience they had during the late war, in I those present might remember how breech landing gans were at one time received in England, has how during the Chineso war they had utterly failed. During the war the Germans had at one time 23 guns disabled which was easily remaired, in I neither cost more than thirty shillings in doing so. These were completely disabled in the field, and had to be taken to an assenal at some distance.

Colonel Gordon, R. A., suggested that he did not think the whole system of breech loading should be condemned because it had fai'ed at Dartmoor.

M jor Stoney, R. A., would not own that breech loading guns must succeed because they triumphed over the French artillery during the late war. He considered that, d-hough Major Morgan might be able to lire off the model before them with a few suaces of payler, yet when 15)lbs, of powder might be fired in a large gun, no one could say what the result would be. He called it a very cumbersome looking gun indeed.

Capt in Nolan answered the lecturer that the loss of pressure in his system on explosion was only one per cent., and that the shot would leave the muzzle before the rear

was opened.

Captain Scott remarked that because a principle succeeded in the case of field guns there was no reason why it should succeed w h the large naval ordnance. In the Prussian ships which he had visited he found that a muzzle loading armament was proferred to breech loading guns. An official application had been sent by the German Government, but refused by our authorities for a supply of one or two of the Woolwich guns. Continual experiments had been carried out, during which he considered the great aim should have been to obtain the greatest initial velocity. The great defect in the Woolwich gun was the continual hammering of the shot against the muzzle, and the rush of gas through the vent tube.

Admiral Ryder mentioned the Prussians were obliged to protect their men from the escape of gas by fixing plates on the guns, and that the Russians at present made their guns on a principal similar to Krupp's.

Ciptain Selwyn, R N., reminded the meeting that a fair trial had been held between two systems of ordnance, and the result had been in favor of the muzzle load. ing guns. Smoke was equally against the breech loading system. In the case of the heavier artillery, the weight of the breech block to be removed was very heavy and although materials could be easily and precisely made as desired in a factory, they could not alway remain so when in use. He thefore considered that no value was to be received from the breech loading system whatever. Referring to the subject in relation to physics, he was convinced that a crystallised non yielding substance was much better for gun metal than a yielding matter, and looked f rward to a time when guns would be cast in one piece, and thus count's eract the weakness which is apt to exist in guns made up of several parts.

The Chairman then proposed and pased a Captain Nolan, R.A., received, in answer meeting terminated,—Broad Arrow,

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The Volunteer Rebiew,

MILITARY AND NAVAL GAZETTE.

"Unbribed, unbought, our swords we draw,
To guard the Monarch, fence the Law."

OTTAWA, TUESDAY, AUGUST 25, 1874.

To Correspondents.—Letters addressed to either the Editor or Publisher, as well as Communications intended for publication, must, invariably, be pre-paid. Correspondents will also bear in mind that one end of the envelope should be left open, and at the corner the words "Printer's copy" written and a two or five cent stamp (according to the weight of the communication) placed thereon will pay the postage

LIEUT. J. B. VINTER, of Victoria, is our authorised Agent for Vancouver Island, British Columbia. As is also Captain H. V. Edmonds for New Westminster and adjacent country.

WE have to thank the Assistant Librarian of the Royal United Service Institution, T. D. SULLIVAN, Esq., for a copy of a most interesting and practical little pamphlet entitled "Measurement of Gun and Rifle Ranges from 100 to 3,750 yards; in a very Practical Essay, Rapid and accurate and in many cases by night with table and diagrams," by ROLLA ROUSE, Esq., lete Major, 2nd Batt., R.V.

The scope of this valuable little brochure will be best understood from the author's introductory remarks, which are as follows: "Whether as regards accuracy and consequent efficiency of fire or economy of ammunition it would be difficult to overrate the importance of being able to measure distances in a manner practical and easy, rapid and accurate. As regards artillery fire the advantages of such a measurement will become still more important if

combined with the ability to effect the measurement before the guns are brought into position, and thus not only save valuabut still more valuable lives from the absence of experience before firing commences and whilst the ranges are being ascertained. I propose to suggest a method by which all the advan tages adverted to may be obtained in the most supple, rapid and inexpensive man ner. 2-As regards the ascertaiment of dis tances a most able article is given by Capt. NoLAN, R.A., in No. 57 (Vol. 14 p. 1) of the "Royal United Service Journal," and the plan he recommends has, to a certain extent, been adopted in the service; but his plan calls for complicated and expensive machinery which would not only encumber the guns and be liable to injury, but would require great nicety and coolness in the operations (made as they must be after the guns are brought into position and liable to the fire of the enemy) would be far from rapid in execution and would necessitate consider able previous study. 3-My plan requires no cumbrous or expensive machinery or any which would be liable to injury, would call for no greater nicety than could be given by the eye of a gunner, might be adopted without drawing the attraction of the enemy, would be very rapid in execution and would not necessitate a couple of hours previous study. The measusements would also be made before the guns are brought into position, and need not be confined to the distances of a single object, but within two minutes and probably less time the distance to a particular object—that to a nearer object in the same direction and the distance to two lateral objects—the one towards the observer's right and the other towards his left might be ascertained. Not only may those advantages be obtained without exposing a single gun, but in many cases the measurements may be made as readily by night as by day. 4--Having thus introduced the subject I will proceed to explain the details of the plan I propose for adoption after anticipating and meeting an objection which may be made as to its practical My plan is based on "Geome character. try" and not on "Trigonometry," and I am weil aware that an objection is generally raised against measurement of distances by geometry, that the triangle on which the calculation is based is so small that the distance cannot be ascertained with sufficient accuracy. That objection applies with great force to the stadiometer used for the mea surement of rifle ranges but does not apply to my plan, as under it the smaller triangle has a sufficient base to allow of accurate measurements even with very long ranges. At the range of 3,750 yards the base of the smaller triangle would be two feet and the covering line could be readily and accurately marked by the eye unassisted by a field glass. 5-The machinery required under the plan I am about to sug-

gest would be confined to four pieces of whipcord string, each 50 yards long, with loops or small metal rings at the ends, five pieces of stout wire of the length of a foot or 18 inches each, a short measuring tape and a copy of the table afterwards given and for use under special circumstances as after mentioned, two pieces of similar string about four feet long, each having a small plummet at one end. For measurement between distant points, a sixth wire would be useful, With the exception of the wires the whole of the machinery might be kept in a water proof bag not too large to get into a fairly sized pocket, and the wires although useful might as afterwards shown be dispensed with. The entire expense might amount to, but would not probably exceed, seven shil lings. For distances not exceeding 1,200 or 1,250 yards or even occasionally for greater listances strings of the length of 25 yards might be used, and by having a small ring or tying a knot at the middle of the 50 yard strings, ton of those strings might be used for the measurements where the smaler base The measurements might be is adopted. made with the sides of 50 yards by two pieces of string; but some loss of time would be occasioned by the strings having to be shifted. Small arms, cleaning rods, or even laths or sticks might be used in place of the wires, but the latter would be preferable, and they could be so readily taken with a gun or otherwise, and their use would so much tend to facilitate the rapidity and insure the accuracy of the operations that it would be desirable to have them. 6-The principle of measurement I would propose for adoption is that based on the rhombus, and in order to show the rapidity and simplicity of the operations I will, before explaining how the results are calculated give a practical example premising that the wires serve the double purpose of fixing the strings in position and as directing points, for coverings and that consequently they must be placed vertically or upright."

The illustration having reference to disgrams which we cannot copy, compels us to give the substance of the author's solu tion as follows: The principle is that of simi lar triangles with a common base and is to be found in euclid 6; 4-the whipcord is to form on the ground a four sided figure, one side of which shall be in the line of the objective point; the lower side form the base a line drawn from its extremity towards that intersect the opposite will point of the figure at the point side of intersection one of the wires should be placed-the triangles thus formed would have two sides of the figure-one a common base, the other a part of one of its sides and a proportionate part of a third side, included within itself-while the remainder of the third side and the fourth would form a similar triangle by the measurement of its base; a very simple calculation involving only multiplication and

division would be necessary to ascertain the length of the base to the objective point. It should be premised that a square will assure as well as a rhombus on the the conditions of this very clover and practical method of determing distances, and that it is so simple as to involve no difficulty whatever in calculating or finding any distance within the range of artillery. The use of the shorter pieces of string is as plummets to set the wires vertical.

It is not necessary to follow the author into all his calculations and the details of the application of this very useful problem, but it undoubtedly reflects great credit on his good sense as well as clear appreciation of what would be necessary to put artillery in position rapidly as required by the exigencies of modern warfare.

It is evident that practical rules, similar to those so beautifully and cleverly laid down in this case, are far more valuable than scientific problems worked out with mechanical precision requiring complicated instruments and calculations as well as manipulative skill of no common character exercised under trying circumstances, and necessarily confined to one or two men in each battery, while the system laid down by Major Rouse is adapted to the ordinary tactical instruction of the rank and file and can be exercised in comparative safety in the face of an enemy.

The whole operations including calculation need not occupy five minutes, and the latter would in many cases be effected mentally, or a measuring tape having the calculated distance on one side with feet and inches for the base on the other, might readily be supplied without involving extra cost,

It may be a matter of difficulty to get such a simple measure adopted in the Regular Service, but in Canada where we are tied down by no traditions it would be most desirable that our artillery should be trained to the knowledge of so simple a method, especially as there is no scientific or staff corps, or likely to be.

THE close of the last meeting of the Na tion Rifle Association at Wimbledon has suggested the reflection as to the actual utility or value of the competition carried on there annually. We have always been of opinion that those contests circumscribed by rules and carried out under conditions wholly dissimilar to actual variare, were of little value indeed in forming soldiers; and the appearance of the competitive lists from year to year plainly prove that whatever value they may be to the professional rifle shooter they are of little or scarcely any uitlity to the mass of those who would be caled to the force in the hour of danger. In our last issue we copied an anticle from the Lonson Dails News in which no very exalted view is taken of the value of our rifle contests, but this is wholly from an English fare.

point of view, and prabably prejudiced, we will confide ourselves to considering how far the Canadian Army have benefitted by the manner in which practical instruction in the use of the rifle is carried on by our Dominion Rale Association. The estensible object of this institution is to train the population of the Dominion, and more especially the soldiers of the ActiveForce to the use of It has been so far strictly conthe rifle. scientious in the discharge of its duties, but its short comings are to be traced to the fact that it is outside apart from and independent of military control; its competi tions have been carried on at measured distances with all appliances for careful and doi.berate shooting, such training might be effectual for competitive marksmen with valuable prizes in view, and a glance at the list of names sent annually to Wimbledon will show that the same team has with very little variation been selected from the out set; this distinction which ought to be the red ribbon of the Canadian Army has been confined to a certain class, because the prin ciple of selection has not been adhered to, and also because there has been no military control in the matter. In order to make it of any value the principle on which the se lection of the Dominion Team toWimbledon should be selected ought to be-that those who have once competed should not be eligible again, and that the selection should be made from the best shots in each battalion, and that it should be made worth more than the mere honor or chance for each competitor; in other words, the rank and file should be compense ted for the loss of time and officers should not be allowed to compete at all, but the command of the team should be the reward of efficiency-without repetition.

By these strictures we do not for a mo ment mean to imply that the association has not achieved all that could be expected of it; on the contrary, it has far exceeded the original intention of its projectors, and has been administered with most patriotic self-denying and praise worthy zeal, but all this is due in an especial manner to the gallant officer who has so worthly filled the office of President as well as to his assistants, and not the machinery of the association itself. In common with all institutions of the kind it has failed because its original design was too circumscribed. In order to make marksmen and soldiers it is necessary that the condition of actual warfare should be iniciated as closely as possible, and instead of measured ranges the troops at competi tion should be trained at unknown distances for the double purpose of compelling the individual competitor to learn the art of judging distance and the use of his weapon under all conditions. Moreover, the site of the mimic warfare should be constantly In point of utility those compo tions should be a part of minor tactics carried out under the conditions of actual war-

There can be no fault found with the magnitude and disposition of the prizes, the public spirit of the country could easily increase them tenfold, but there ought to be an equivalent in the shape of increased officiency and a greater desire to assume the mutia duties which the State requires of every able-bodied man. Those rifle associations are mere imitations of the old parish masters when our forefathers met armed with good yew bow and cloth yard shaft for special training and although there were buttes in every parish, for the purpose of initiating training peacefully, yet the "Roaring Shaft," or the practice of setting up marks at unknown distances, was that which proved the marksman understood his weapon and the test of his ability as a member of that light infantry that swept the heavy armed chivalry of Continental Europe like chaff before the wind in many a hard contested field. The tactical formation of that force has descended to us, and the British line is today as famous as the Grecian Phalanx, and much more likely to endure all changes if the man who form it are only trained like their ancestors to the use of their weapons. Wile it is still necessary to maintain the old fashioned method of firing at fixed buttes, our annual contests should be cerried on over entire unmeasured or known ground, at objects not representing so many square feet but at others representing individual soldiers or groups, as the case may be. We hope that the Council of the Association will take into serious consideration their next year's programme, and sedulously study to adapt it to the purpose of brining out a larger class of marksmen than our army has hitherto furnished, as it is high time the team which has rendered such good servi e should be allowed to retire on their

The tactical employment of the mitrail. leuse has been a subject of much controver. sy since the close of the Franco Prussian contest. Our readers are aware of the opin. ions which have appeared in the Volunteen REVIEW relative to its use, notwithstanding that it has been advocated by several scientific officers. We publish in this issue Ordnance Memorandum, No. 17 of U.S. tific officers. Army, being a report of a Board of Officers with the celebrated Gen.Gillinone, who commanded the besieging force at Charleston in 1864-5 as its President on "The Gatling Gnn" said to be the best of those yet in-The Report is taken from the U.S. vented Army and Navy Journal of 20th June, and also an article from Broad Arrow of 6th June, on " The Tactical Employment of the Mitrailleuses," so that every side of the question miy be laid before our readers. The latter points out that the weapon is useless where there is cover, and we would add also where there is well served and properly mancouvred artillery and as this latter weapon is most effective where there is no cover, the place of the mitrailleuse in civilized or even say go warfare appears to be nowhere. It may be possibly of some use on the plains in dealing with those Indians the United States find it so difficult to manag, but we know of no other position which it could be used with any particular advantage, as we are not believers in the ancient system of ortification.

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RIFLE COMPETITION.

(Special to the Volunterr Review.)

PROVINGE OF QUEDEO RIFLE ASSOCIATION.

The sixth Annual Prize Meeting of this Association opened on Tuesday 11th inst. and has been continuing throughout the work.

The Ranges were as usual in very fine or. der; ten second and third class targets were used during the meeting and three first class.

The side system of markers butts is a ili retained and gives general satisfaction: the marking was very rapid and as a general rule very accurately performed.

The platforms are all raised from the ground and 💉 do of wood, mats being used to cover them and add to the comfort of the

competitors.

The total number of competitors was almost as large as last year and the distances from which they come is surprising . we find competitors from all parts of Canada, On-turio and New Brunswick as well as Quebec, besides several from the American Ascocia-

tion of Creedm sor.

It is interesting to observe the steady improvement in shooting which these matches show, the high average in many of the competitions being quite remork blo. In a match at 500 yards, we find three men making 27 points out of a possible 28: in another a 600 yards, the first prize is curied off by 26 points out of a possible 28; at 400 yards no less than three men make 28 points, the highest possible. In the first match, where last year 48 points carried off the first prize, this year Ensign Wright scored 51 points of a possible 60, and was closely followed by two others each 50.

It is very satisfactory to find our Canadian Riflemen have attained such proficiency.

The weather was not very favorable for high scores, as the heat was intense at the begining of the week, culminating in the great thunder storm on Wednesday night, and in the rest of the week the wind was very strong and perplexing."

we find however that the high average of former years has been kept up and in many cases surpassed: this progress we are glad

to note.

It was also satisfactory to find the competitors were well pleased with thearrange ments: it would be an advantage if the matches could be got through more rapidly, as five days is a long time to spend over one meeting in this count y when the busy senson is so short.

The presence of competitors from Creed. moor was a new feature in the meeting; we think they deserve credit for having come to test their skill amongst such a formidable set of competitors as gather at the Point St Charles Ringes. They expressed much ad miration at the manner in which the Canadian Volunteers handle their rifles, and can now understand that their reputhtion is well deserved.

Two of these gentlement have shown themselves to be no man antagouists, and may well be considered first class shots

This first visit may pave the way for a more frequent exchange of courtesies, and some of our men may find time to attend the Creedmoor meeting in the end of September.

Lt. Col, Fletcher and the other executive officers were assiduous in their efforts to make the contest pass off pleasantly. A few of the Wimbledon Team were present, and we recognize some of their names in the prize list.

We see the "old" Wimbledon Targets! were used at this meeting: we understand some difficulty was formed in the working of the "new" Wimbleden system, and as country corps are not accustomed to the "new" system, it was considered best to adhere to the old plan

The 54th Batt. have to be congratulated on winning the Battalion Cup; for six years they have contended for this honor and usually been one of the first three; at last they have succeeded with a fine exhitition

of team shooting.

The Brydges challenge cup has been won this year by Ensign Wright, a well known crack shot of the 50th or fluntington Berdorers: this cup his previously been held by Thomas of 54th; Ferguson, 2nd Gt. Rilles; and Whitman, 60th: the winners will probably compete next year for final possesion, and we may expect to see an in teresting contest.

The annual meetings seem to produce so much cordiality amongst Volunteers that we are glad to find them so generally at tended, and that at the same time there is so much progress made in skill and train-

The New Brunswick Volunteers were represented by Messrs, Johnson and Logie, an I Ontario, by the Metroplican, Toronto, Hamilton, Kingston, and other Associa

The Rifle season continues with the Now Brunswick meeting in September, afterwards the Ontano Meeting at Toronto, and the Dominion meeting a Ottawa in middle of September, from all of which we hope to hear as good results. The following is the

list of the scores :-MATCH No. 1, BRYDGES CUP-15T STAGE. Pts. Am't

1. Ensign Wright, 50th Batt.... \$30 2. Pte Ferguson, GTR 30! 3. Sargt MajorJameson, 60th Batt 25 4. Pto McLood 1st Butt P W R. 49 5 Sergt Turnbull, G T R..... 6. Lt Andrews, V V R..... 48 15 10 48 ". Whitman, 60th Bitt 47 10 8. Lt Coi Honning, 54th Batt.. 47 10 9. Capt Thomas, "10. Sergt Wilson, M G A... 46 10 46 10 11 Sergt McCartney, 50th Batt.. 46 12. Adjî K-lly, G T^{*}R..... 46 16. Gunner Riddell, M. G. A..... 17. Sergt Hill, P. W. R....... 45 44 44 20. Corp'i Wilson, G T A..... 21 Pto Westlake, 53rd Bitt..... 22 Capt Shorpe, 3 R Bitt.....

2ND STAGE.

1 Capt Boyd, 51th Batt..... 2, Sergt Baxter, 8th Batt. 3. Mr Stenhouse, M R C.....

25. Sergt Baxter, 8th Batt......

MATCH NO. 2-FRONTIER STAFFS

MATCH NO. 3—PROMIER OF	ircs.
I. Pto Wilson, G T R	27
2 Sergt Cruit, TRA	27
3. G A Goodhue, 54th Batt	27
4. Ensign Wright, 50th Batt	26
5. Capt Gibson, T G A	26
6. Col Gildersleove, A R C, N Y	26
7. Lt M Nachtun, C G A	25
8. Pte Dade, G T R	25
9. Capt. Boyd, 54 h Batt	25
10. Lt Whitman, 60th Batt	25

13. Pto D Mitchell, 15th Butt... 14. Sergt Maj + Saucier, 18thBatt 15. Corp I Wilson, G T A 16. W M Bailey, K R A. 17. Pte Steele, G T R. 18 Sergt Wardill, M G A...... 19. Pte Edwards, 58th Batt..... 20. Sergt Canton, 3 R Batt MATCH NO. 3-CITY STAKES 1. Lt ColGildersleeve, A RC, NY 2. Corp'l G. Copping, 3 R Butt... 3 Capt Boyd, 54th Bitt.
4. Lt Campbell, V V R.
5. Sergt Mitchell, 13th Batt.
6. Adjt. Kelly, G T R. 7. Corp I-T. Copping, 3 R Batt... 8. Lt Harris, Met R A........ 12. Sergt Wilson, M G A....... 13. Sergt Porteous, P W R..... 14. Capt De Boucheville, Ottawa 15. Pte. Wilson, lst But.... 16. "T Johnston, R R A.... 20 17. W W Baille, K RA.... MATCH NO. 4-BATTALION MATCH.

3 Three Rivers Battalion..... 202 INDIVIDUAL PRIZES.

1. Pie Jus Ferguson, G T R.... 15 2. Sergt. Hawkins, 8th Butt.... 10 THE BATTALION MATCH-INDIVIDUAL SCORES. Points. 1 Corp'l Black, lst Bitt., G T R

**

" May, 3 4 Corp'l Anthony, 5 Pto Steele, 1 Sergt Turnbull, 2nd Batt, G T R.... 2 Capt Wall, 3 Adjt Kelly,

2 Pte Blair,

4 Pte Joseph Johnson,

5 Eusign Triboy,

4 Sergt Shaw,

5 Capt Thomas,

4

15

1 Capt Henderson, 50th Batt..... 2 Pte W Mills, 3 " Ross. 4 Ensign Wright 61 46 " 5 Sergt McCartney,

175 M G A..... 1 Sergt. Holtby. Wardill, 3 Sergt Maj Pendleton, " Riddell, .. Wilson,

165 1 Capt. Boyd, 54th Batt..... 2 Lt Col Hanning " 3 Qr Master Cleaveland, 54th Batt....

215 I Drum'r Donaldson, 6th Batt..... 35 1 2 Pte Hough.

3 Corp'l Maye, " **J**5 4 Pre Courtney, 5 Qr Master Logar,

Audust 20, Auts.j	AMI VONCENTI IN THE	100
1 Pto Molmod, P of W R 40	12 Ensign Wright, 50ch Batt 29	5 1 Corp'l Black, 1st G I' R 10
2 Sergt Hill, " 44	13 Pte Bell, 10th Roy ds 29	5 2 Corp'i Anthony 4 23
3 " Larkin. " 42	14 Capt Macpherson, Guards 28	5 3 Pto May "
4 " Porteous, " 37	15 Sergt Omand 13th Batt 28	4 4 Pto Blair " 11
5 3" Wilson, " 41	16 Lt Harris, O G A 28	4 5 Pto Steele " 21
	17 Pto Shaw, 54th Butt 23	4
:04	18 " Morrison, 13th Butt 27	4 82
1 Pte Brazeau, V V R 36	19 Mr Shephord, TRC 27	1 Capt Ivenson, G T A A
2 " Elwards " 35	20 Lt Cot Worseley, B M, G F R. 27	2 Corp'l Wilson " 32
3 " Malagan, "	Association Match-Individual Scores.	3 Sept Imrie "
4 Lt Andrews. 4 45	No. Poin	18 4 Sergt Syms "
5 " Campbell, " 45	I Pto D Morrison, 13th Batt 2	15 Pto Dado " 36
	2 2113161 2111111111	~
200	3 Sergt McRoberts, " 1	. 1
1 Sorgt. Baxter, 8th Batt 40	T U I U U U U U U U U	
2 Lt Lesueur, 4	5 Sergt Mitchell. " 2	1 Sergt Sharpe, 3 R B
3 Corp'l Mountain, " 20	8	
4 Sergt Major Sutherland. 8th Batt 40		13 Lt Magon "
5 " Hawkins, " 46	1 Pte Ferguson, M R C	4 Corp'l T Copping 4
· ·		' 15 Caret Contin # 11
180	3 Sergt Hill, "	
1 Major Laurni, Q C B 15	5 Lt Col Worsley, B M, M R C 2	7 80
2 Capt Genest, "	0 110001 110121(7)25 22, 22 20 01111111	MATCH NO 72 STANDING MATCH.
3 Sergt Allard, "	10	No. Pts. Am't
4 Bugler Brutol " 37	1	
5 Corp'l Dion, " 18		L rough comment of the property of the comment
-	3 Col G W Wingate " 1	
98	14 Geo W Yule, "	4 Sergi Turnbull, G T R 22 12
1 Capt. Ivenson, G T A 43		5 Capt Thomas, 54th Batt 22 10
2 Sergt Major Clark, G T A 40		- 1 6 Lt Whitman, 60th Batt 22 5
3 " Imrie. " 37		8 7 Sergt Sutherland, Guards 22 5
4 " Syms, " 21	1 Sergt Shaw, 54th Batt	2 8 Captain Macpherson, Guards. 22 5
5 Corp'l Wilson, " 41	2 Lt Col Hanning, " 2	0 9 Sorgt Omand, 13th Batt 22 5
		4 10 Lt. Johnston, 71st Batt 22 5
18-		9 11 Pte D Mitchell 13th Batt 21 5
I Lt E. Mason, 3 R Batt	5 Mr Cleavoland, "	9 12 Capt Ivenson, G T R 21 5
1 Lt E. Mason, 3 R Batt		- 13 Pte Mountain, 8th Batt 21 5
	· 1	4 14 Pto Mills, 50th Batt
3 Capt G Sharpe. 44 4 Corp'l G Copping, 44 5 Sergt Sharpe. 44 3	1 Sergt Turnbull, G T R	4 10 Ma Gibson T. D. C. Ol A
, colp : dice plants		
5 Serut Sharpe. " 39		17 Mr. Little T. D.C. 91 A
	3 Adjt Kelly "	17 Mr Little, T R C
20:	3 Adjt Kelly "	17 Mr Little, T R C
Match No. 5—Stadagona Stakes.	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey "	17 Mr Little, T R C
MATCH NO. 5—STADAGONA STAKES. No. Pie. Am	3 Adjt Kelly 4 Pto Ferguson 5 Ensign Tirbey "	17 Mr Little, T R C
MATCH NO. 5—STADAGONA STAKES. No. Pis. Am 1 Lt McNachtan C G A. 28 \$	3 Adjt Kelly 4 Pto Ferguson 5 Ensign Tirbey ** ** ** ** ** ** ** ** **	17 Mr Little, T R C
MATOH NO. 5—STADAGONA STAKES. No. Pie. Am 1 Lt McNachtan C G A. 28 \$ 2 Sergt Cruit, L R C. 28	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association.	17 Mr Little, T R C
MATOH No. 5—STADAGONA STAKES. No. Pis. Am 1 Lt McNachtan C G A. 28 \$ 2 Sergt Cruit, L R C. 28 3 Sergt Omand, 13th Batt. 28	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirkey District Bedford Association. 1 Ensign Vaughan.	17 Mr Little, T R C
20: MATCH NO. 5—STADAGONA.STAKES. NO. Pts. Am 1 Lt McNachtan, C G A. 28 2 Sergt Cruit, L R C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R. 27	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan	17 Mr Little, T R C
MATCH NO. 5—STADACONA. STAKES. No. Pis. Am 1 Lt McNachtan.C G A. 28 \$ 2 Sergt Cruit.L R C. 28 3 Sergt Omand, 13th Batt 28 4 Lt Campbell, V V R 27 5 Pte D Mitchell, 13th Batt 27	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bullman 3 Mr Jamieson	17 Mr Little, T R C
MATCH No. 5—STADACONA. STAKES. No. Pis. Am 1 Lt McNachtan, C G A. 28 \$ 2 Sergt Cruit, L R C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R. 27 5 Pis D Mitchell, 13th Batt. 27 6 "Edwards, 58th Batt. 27	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bullman 3 Mr Jamieson 4 Pte Ferguson.	17 Mr Little, T R C
20: MATOH NO. 5—STADAGONA .STAKES. NO. Pis. Am I Lt McNachtan C G A. 28 \$ 2 Sargt Cruit, L R C. 28 3 Sargt Omand, 13th Batt. 28 4 Lt Campbell, V V R. 27 5 Pte D Mitchell, 13th Batt. 27 6 Edwards, 58th Batt. 27 7 Major Baynes, M. G A. 27 8 Sargt Hill 27	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bullman 3 Mr Jamieson 4 Pte Ferguson.	17 Mr Little, T R C
MATOH NO. 5—STADAGONA. STAKES. No. Pts. Am 1 Lt McNachtan C G A. 28 2 Sergt Cruit L R C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R 27 5 Pte D Mitchell, 13th Batt. 27 6 Edwards, 58th Batt. 27 7 Major Baynes, M. G A. 27 8 Sergt Hill 27 9 Major Fraser, M G A. 26	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bultman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey	17 Mr Little, T R C
MATOH NO. 5—STADAGONA. STAKES. No. Pts. Am 1 Lt McNachtan, C G A. 28 2 Sergt Cruit, L R C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R 27 5 Pte D Mitchell, 13th Batt. 27 6 " Edwards, 58th Batt. 27 7 Major Baynes, M. G A. 27 8 Sergt Hill 27 9 Major Fraser, M. G A. 26 10 Capt Wall, G. R R. 26	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan. 2 Lt Bullman. 3 Mr Jamieson. 4 Pte Ferguson. 5 Ensign Tribey.	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C. 21 4 20 Mr Bell, T R G. 20 20 20 Mr Bell, T R G. 28 30 20 20 20 20 20 20 20
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Mator No. 5—Stadacona. Stakes. No. Pis. Am	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Buttman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 5 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney 4 Pte Ross	17 Mr Little, T R C. 21 4
Match No. 5—Staddona Stakes	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bullman 3 Mr Jamieson 5 Fersign Tribey 5 Ensign Tribey 5 L Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney 5 Sergt Smith	17 Mr Little, T R C. 21 4
Mator No. 5—Stadagona Stakes	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bullman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith	17 Mr Little, T R C. 21 4
MATOH NO. 5—STADAGONA. STAKES. NO. Pts. Am 1 Lt McNachtan, C G A. 28 2 Sergt Cruit, L R C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R 27 5 Pte D Mitchell, 13th Batt. 27 7 Major Baynes, M. G A. 27 8 Sergt Hill 27 9 Major Fraser, M G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 Daudiet, 26 13 T Johnston, K R A 26 14 Ensign Vaughan, 60th Batt. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt Mitchell, 13th Batt. 26 16 Sergt Mitchell, 13th Batt. 26 16 Sergt Mitchell, 13th Batt. 26	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan. 2 Lt Bultman. 3 Mr Jamieson. 4 Pte Ferguson. 5 Ensign Tribey. 1 Ensign Wright, F R A. 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith	17 Mr Little, T R C. 21 4
MATOR NO. 5—STADAGONA. STAKES. No. Pis. Am 1 Lt McNachtan, C G A. 28 \$ 2 Sergt Gruit, L R C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R 27 5 Pte D Mitchell, 13th Batt. 27 6 "Edwards, 58th Batt. 27 7 Major Baynes, M. G A. 27 8 Sergt Hill 27 9 Major Fraser, M G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 "Daudiet, "26 13 T Johnston, K R A. 26 14 Ensign Vaughan, 60th Bitt. 26 15 Sergt Mitchell, 13th Bitt. 26 16 Sergt McJor Clark, G T R. 26 16 Gerp'l G Copping, 3 R Batt. 26	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bultman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 5 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 4 I Lt Lesueur, 8th B dt	17 Mr Little, T R C. 21 4
MATOH NO. 5—STADAGONA. STAKES, NO. Pis. Am 1 Lit McNachtan, C G A. 28 \$ 2 Sergt Cruit, L R C. 28 \$ 3 Sergt Omand, 13th Batt. 28 4 Lit Campbell, V V R 27 5 Pte D Mitchell, 13th Batt. 27 6 Edwards, 58th Batt. 27 7 Major Baynes, M. G A. 27 8 Sergt Hill 27 9 Major Fraser, M. G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 Daudiet, 26 13 T Johnston, K. R A. 26 14 Ensign Vaughan, 60th Batt. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt Mejor Clark, G. T. R. 26 17 Cory'l G Copping, 3 R Batt. 26 18 Pte Ferguson, G. T. R. 26	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bultman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 5 Ensign Tribey 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney " 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, 8th Batt 4 2 Sergt Sutherland, 8th Batt	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C. 21 4 21
MATOR NO. 5—STADAGONA. STAKES, NO. Pis. Am 1 Lit McNachtan, C G A. 28 \$ 2 Sergt Cruit, L R C. 28 \$ 3 Sergt Omand, 13th Batt. 28 4 Lit Campbell, V V R 27 5 Pte D Mitchell, 13th Batt. 27 6 Edwards, 58th Batt. 27 7 Major Baynes, M G A. 27 8 Sergt Hill 27 9 Major Fraser, M G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 Daudiet, 26 13 T Johnston, K R A 26 14 Ensign Vaughan, 60th Batt. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt Mitchell, 13th Batt. 26 17 Corp. 1 G Copping, 3 R Batt. 26 18 Pte Ferguson, G T R. 26 19 Duting, 58 h Batt. 26	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Buttman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 1 Lt Lesneur, Sth Batt 2 Sergt Sutherland, Sth Batt 3 Sergt Inackurs 4 Sergt Inackurs 4 Sergt Inackurs 6 Sergt Smith	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C. 21 4 Aggregate Prizes—Snider. 1 Ensign Wright,50th Batt 30 25 Sergt Hawkins 20 MATCH NO. 8—STRANGERS' STAKES. 20 1 Lt 1 alton, A R C, N Y 28 430 27 2 A V Canfield 26 25 3 W Cruit, T R C. 26 20 4 Sergt Omand, 13th Batt 26 15 20 5 Pte Disher 26 10 20 5 Sergt Mitchell 26 5 21 Ensign Goodhue, 58th Butt 26 5 22 8 Le Whitm 60th Batt 26 5 23 9 M dor Cotton, A B 25 5 24 10 Pte D Mitchell 13th Batt 25 5 25 12 Ensign Tribey, G t R 25 5 26 13 Major Fraser, M G A 24 5 25 15 15 15 15 26 15 15 15 15 27 15 15 15 15 28 15 15 15 29 14 J Stenhouse, M R C 24 5 20 15 15 15 15 21 25 15 15 25 25 15 26 26 26 27 27 28 27 29 20 20 20 20 20 20 20
MATOR NO. 5—STADAGONA. STARES, No. Pis. Am 1 Lt McNachtan, C G A. 28 \$ 2 Sergt Cruit, L R C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R 27 5 Pte D Mitchell, 13th Batt. 27 6 Edwards, 58th Batt. 27 7 Major Baynes, M. G A. 77 8 Sergt Hill 27 9 Major Fraser, M G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 Daudiet, 26 13 T Johnston, K R A 26 14 Ensign Vaughan, 60th Batt. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt Mejor Clark, G T R. 26 17 Gorp'l G Copping, 3 R Batt. 26 18 Pte Ferguson, G T R. 26 19 Dutling, 58 h Batt. 26 20 Sergt Canter, 3 R Batt. 26	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bultman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, Sth B dt 2 Sergt Sutherland, Sth B dt. 3 Sergt Inakins 4 Sorgt Baxter	17 Mr Little, T R C. 21 4
Match No. 5—Staddoona Stakes	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bultman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, Sth Butt 2 Sergt Sutherland, Sth Butt 3 Sergt Inakums 4 Sorgt Baxter 5 Corp'! McKane	17 Mr Little, T R C. 21 4
MATCH No. 5—STADAGONA .STAKES, No. Pts. Am	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan. 2 Lt Bullman. 3 Mr Jamieson. 4 Pte Ferguson. 5 Ensign Tribey. 1 Ensign Wright, F R A. 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, Sth Batt. 2 Sergt Sutherland, 8th Batt. 3 Sergt Inawkins 4 Sorgt Baxter 5 Corp'l McKane	17 Mr Little, T R C. 21 4
MATCH No. 5—STADAGONA STAKES, No. Pts. Am	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan. 2 Lt Bultman. 3 Mr Jamieson. 4 Pte Ferguson. 5 Ensign Tribey. 1 Ensign Wright, F R A. 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 4 I Lt Lesueur, Sth But. 2 Sergt Sutherland, Sth But. 3 Sergt Baxter 5 Corp'l McKane	17 Mr Little, T R C. 21 4
MATCH NO. 5—STADAGONA STAKES, NO. Pts. Am 1 Lt McNachtan, C G A. 28 2 Sergt Cruit, L R.C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R. 27 5 Pte D Mitchell, 13th Batt. 27 7 Major Baynes, M. G A. 27 8 Sergt Hill 27 9 Major Fraser, M. G A. 26 10 Capt Wall, G R.R. 26 11 Sergt McRobert, V R.C. 26 12 " Daudiet, " 26 13 T Johnston, K. R.A. 26 14 Ensign Vaugham, 60th Batt. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt M-jor Clark, G T.R. 26 17 Garp't G Copping, 3 R Batt. 26 18 Pte Ferguson, G T.R. 26 19 " Dufing, 58 h Batt. 26 20 Sergt Canter, 3 R Batt. 26 MATCH NO 6—ASSOCIATION. 1 Metropolitan, R.C. 133 2 Stadacon, R.C. 133 3 Toronto, R.C. 127	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan. 2 Lt Bultman. 3 Mr Jamieson. 4 Pte Ferguson. 5 Ensign Tribey. 1 Ensign Wright, F R A. 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 4 I Lt Lesueur, 8th B dt. 2 Sergt Sutherland, 8th B dt. 3 Sergt Inakins 4 Sorgt Baxter 5 Corp'l McKane 6 1 W M Bailie, K R A.	17 Mr Little, T R C. 21 4
MATCH No. 5—STADAGONA STAKES, No. Pts. Am	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bullman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 5 Ensign Tribey 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney " 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, Sth B dt 2 Sergt Sutherland, Sth B dt 3 Sergt Inakims " 4 Sorgt Baxter 5 Corp'l McKane 1 W M Bailie, K R A 2 J G. Bailie "	17 Mr Little, T R C. 21 4
MATCH No. 5—STADAGONA STAKES, No. Pts. Am	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bullman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 5 Ensign Tribey 5 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney " 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, Sth B dt 2 Sergt Sutherland, Sth B dt 3 Sergt Inackins " 4 Sorgt Baxter 5 Corp'l McKane " 5 J G. Bailie " 3 M Strachan "	17 Mr Little, T R C. 21 4
MATCH No. 5—STADAGONA STAKES, No. Pts. Am	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bultman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 5 Ensign Tribey 6 It Ensign Wright, FRA 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 6 It Lt Lesueur, 8th Butt 2 Sergt Sutherland, 8th Butt 3 Sergt Inackins 4 Sorgt Baxter 5 Corp'l McKane 6 I W M Baille, K R A 2 J G. Baille 6 I W M Baille, K R A	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C 20 1 Ensign Wright, 50th Batt 30 2 Sergt Hawkins 20 2 Sergt Hawkins 20 3 MATCH NO, 8—STRANGERS' STAKES. 2 A V Canfield 26 25 3 W Cruit, T R C 26 20 4 Sergt Omand, 13th Batt 26 15 9 Sergt Mitchell 26 5 18 Ensign Goodhue, 58th Batt 26 5 19 Sergt Mitchell 26 5 10 Pte D Mitchell 13th Batt 25 5 10 Pte D Mitchell 13th Batt 25 5 2 12 Ensign Tribey, G t R 25 5 13 Major Fraser, M G A 24 5 14 J Stenhouse, M R C 24 5 15 G O Goodhue 24 4 17 Col Lamontagne 24 4 19 Qr Master Cleaveland 23 4 20 Pte Mills, 50th Batt 23 4 MATCH NO. 9—THE LADIES CUP.
MATCH NO. 5—STADAGONA STAKES, No. Pts. Am I Lt McNachtan, C G A. 28 2 Sergt Cruit, L R.C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R 27 5 Pts D Mitchell, 13th Batt. 27 6 "Edwards, 58th Batt. 27 7 Major Baynes, M. G A. 77 8 Sergt Hill 27 9 Major Fraser, M G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 "Daudiet, 26 13 T Johnston, K R A. 26 14 Ensign Vaugham, 60th Butt. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt Michell, 13th Batt. 26 17 Corp't G Copping, 3 R Batt. 26 18 Pts Ferguson, G T R. 26 19 Duting, 58 h Butt. 26 19 Duting, 58 h Butt. 26 MATCH NO 6—ASSECIATION. 1 Metropolitan, R C. 133 2 Stadacon, R C. 133 3 Toronto, R C. 133 3 Toronto, R C. 127 4 50th Batt, R A. 119 Individual Prizes. 1 Sergt Sharpe, 3 R Butt. 34 2 Geo Yale, A R C, N Y. 33	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Buttman. 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey. 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney " 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, 8th B dt 2 Sergt Sutherland, 8th B dt 3 Sergt Inakins " 4 Sorgt Baxter 5 Corp'l McKano 1 W M Bailie, K R A 2 J G. Bailie " 3 M Strachan " 4 Robert Kincade K R A 5 Thos Johnson "	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C. 20 20 2 2 20 20 20 20
MATCH NO. 5—STADAGONA STAKES, No. Pts. Am 1 Lt McNachtan, C G A. 28 2 Sergt Cruit, L R.C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R. 27 5 Pts D Mitchell, 13th Batt. 27 6 " Edwards, 58th Batt. 27 7 Major Baynes, M G A. 77 8 Sergt Hill 27 9 Major Fraser, M G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 " Daudlet. " 26 13 T Johnston, K R A 26 14 Ensign Vaughan, 60th But. 26 15 Sergt Michell, 13th But. 26 16 Sergt Michell, 13th But. 26 17 Gorget G Copping, 3 R But. 26 18 Pts Ferguson, G T R. 26 19 " During, 58 h But. 26 19 " During, 58 h But. 26 MATCH NO 6—ASSOCIATION. 1 Metropolitan, R C. 133 2 Stadacon, R C. 133 3 Toronto, R C. 127 4 50th Batt, R A. 119 Individual Prizes. 1 Sergt Sharpe, 3 R Butt. 34 2 Geo Yale, A R C, N Y. 33 3 Sergt Ha-kins, 8th Butt. 32	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan. 2 Lt Bullman. 3 Mr Jamieson. 4 Pte Ferguson 5 Ensign Tribey. 1 Ensign Wright, F R A. 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, 8th B dt 2 Sergt Sutherland, 8th B dt 3 Sergt McCartney, 8th B dt 4 Sergt Baxter 5 Corp'l McKane 1 W M Baille, K R A. 2 J G. Baille 3 M Strachan 4 Robert Kincade K R A. 5 Thos Johnson	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C 20 24 MATCH NO. 8—STRANGERS' STAKES. 27 2 A V Canfield 26 25 28 W Cruit, T R C 26 20 29 4 Sergt Omand, 13th Batt 26 15 29 5 Pte Disher 26 10 20 6 Sergt Mitchell 26 5 20 7 Ensign Goodhue, 58th Butt 26 5 20 8 Le Whitm 0.60th Batt 26 5 20 9 Major Cotton, A B 25 5 20 10 Pte D Mitchell 13th Batt 25 5 21 2 Ensign Tribey, G t R 25 5 22 12 Ensign Tribey, G t R 25 5 23 13 Major Fraser, M G A 24 5 24 14 J Stenhouse, M R C 24 5 25 16 Mr Beu 24 4 26 17 Col Lamontagne 24 4 27 18 Pte McLeod, P of W R 24 4 28 19 Qr Master Cleaveland 23 4 29 Pte Mills, 50th Batt 23 4 20 Pte Mills, 50th Batt 23 4 21 Mr Bell, T R C 55 \$40 22 Lieut Fulton, A R C, N Y 54 30
MATCH NO. 5—STADACONA STAKES, No. Pis. Am 1 Lt McNachtan, C G A. 28 2 Sergt Cruit, L R.C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R. 27 5 Pto D Mitchell, 13th Batt. 27 6 " Edwards, 58th Batt. 27 7 Major Baynes, M. G A. 77 8 Sergt Hill 27 9 Major Fraser, M. G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 " Daudiet. " 26 13 T Johnston, K. R.A 26 14 Ensign Vaughan, 60th Batt. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt Michell, 13th Batt. 26 16 Sergt Michell, 13th Batt. 26 17 Gorp't G Copping, 3 R Batt. 26 18 Pto Ferguson, G T R. 26 19 " Duting, 58 h Batt. 26 20 Sergt Canter, 3 R Batt. 26 MATCH NO 6—ASSOCIATION. 1 Metropolitan, R.C. 133 2 Stadacon, R.C. 133 3 Toronto, R.C. 127 4 50th Batt, R.A. 119 Individual Prizes. 1 Sergt Sharpo, 3 R Batt. 34 2 Geo Yale, A R.C., N.Y. 33 3 Sergt Hia kins, 8th Batt. 32 4 SergtMajor Saucier, 18th Batt. 32	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bultman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 5 Ensign Tribey 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney " 4 Pte Ross " 5 Sergt Smith 1 Lt Lesueur, Sth B dt 2 Sergt Sutherland, Sth B dt 3 Sergt Inackus " 4 Sorgt Baxter 5 Corp'! McKane " 5 J G. Bailie " 3 M Strachan " 4 Robert Kincade K R A 5 Thos Johnson "	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C 20 24 MATCH NO. 8—STRANGERS' STAKES. 27 2 A V Canfield 26 25 28 4 Sergt Omand, 13th Batt 26 15 29 5 Pte Disher 26 10 20 6 Sergt Mitchell 26 5 27 Ensign Goodhue, 58th Butt 26 5 28 La Whitm 0.60th Batt 26 5 3 Major Cotton, A B 25 5 4 Sergt Omand, 13th Batt 25 5 5 Pte D Mitchell 13th Batt 25 5 10 Pte D Mitchell 13th Batt 25 5 20 11 Mr A S Falield, A R C, N Y 25 5 21 Ensign Trabey, G t R 25 5 21 Ensign Trabey, G t R 24 5 22 Lie Sergt Michell 24 5 23 16 Mr Beu 24 4 24 17 Col Lamontagne 24 4 26 18 Pte McLeod, P of W R 24 4 27 19 Qr Master Cleaveland 23 4 28 18 Pte McLeod, P of W R 24 4 29 Pte Mills, 50th Batt 23 4 20 Pte Mills, 50th Batt 23 4 21 Mr Bell, T R C 55 \$40 22 Lieut Falton, A R C, N Y 54 30 3 Sergeant Hill, P of W R 52 20
MATCH NO. 5—STADAGONA STAKES, No. Pts. Am	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bullman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 5 Ensign Tribey 5 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney " 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, Sth B dt 2 Sergt Sutherland, Sth B dt 3 Sergt Inackins " 4 Sorgt Baxter 5 Corp'l McKane " 5 J G. Bailie " 3 M Strachan " 4 Robert Kincade K R A 5 Thos Johnson " 1	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C. 20 21 Match No. 8—Strangers' Stakes. 22 Sergt Hawkins 20 23 W Cruit, T R C. 26 20 24 Sergt Omand, 13th Batt 26 15 25 Pte Disher 26 10 26 Sergt Mitchell 26 5 27 Ensign Goodhue, 58th Butt 26 5 28 Lu Whitm in, 60th Batt 26 5 29 M. dir Couton, A B. 25 5 20 It Mr A S Ffield, A R C, N Y 25 5 21 Ensign Tribey, G t R 25 5 22 Lieus Frieser, M G A 24 5 23 It Mr Bell T R C 24 5 24 It J Stenhouse, M R C 24 5 25 It Mr Beu 24 4 26 It Mr Beu 24 4 27 It Mr Bell, T R C 25 5 28 It Whitle, 50th Batt 23 4 29 Pte Mills, 50th Batt 23 4 20 Pte Mills, 50th Batt 23 4 21 Mr Bell, T R C 55 \$40 22 Lieut Falton, A R C, N Y 54 30 3 Sergeant Hill, P of W R 52 20 4 Ensign Wright, 50th Batt 51 15 3 Sergeant Hill, P of W R 52 20 4 Ensign Wright, 50th Batt 51 15 5 It Mr Bell, T R C 55 \$40 5 It Mr Bell, T R C 55 \$40 5 It Mr Bell, T R C 55 \$40 5 It Mr Bell, T R C 55 \$40 6 It Mr Bell, T R C 55 \$40 7 It Mr Bell, T R C 55 \$40 8 It Match No. 9—the Ladies cup.
MATCH NO. 5—STADAGONA STAKES, No. Pts. Am	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Bultman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney " 4 Pte Ross " 5 Sergt Smith 1 Lt Lesueur, Sth Butt 2 Sergt Sutherland, Sth Butt 3 Sergt Inakins " 4 Sorgt Baxter " 5 Corp'! McKane " 1 W M Baille, K R A 2 J G. Baille " 3 M Strachan " 4 Robert Kincade K R A 5 Thos Johnson " 1 Major Fraser, M C A 5 Major Baynes "	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C 21 4 20 Mr Bell, T R C 21 4 21
MATCH NO. 5—STADAGONA STAKES, NO. Pts. Am I Lt McNachtan, C G A. 28 2 Sergt Cruit, L R.C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R 27 5 Pte D Mitchell, 13th Batt. 27 6 "Edwards, 58th Batt. 27 7 Major Baynes, M. G A. 77 8 Sergt Hill 27 9 Major Fraser, M G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 "Daudiet. 26 13 T Johnston, K R A. 26 14 Ensign Vaughan, 60th But. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt Mitchell, 13th Batt. 26 17 Corp't G Copping, 3 R Batt. 26 18 Pte Ferguson, G T R. 26 19 Duffing, 58 h But. 26 18 Pte Ferguson, G T R. 26 19 Duffing, 58 h But. 26 MATCH NO 6—Association. 1 Metropolitan, R C. 133 2 Stadacon, R C. 133 3 Toronto, R C. 133 3 Toronto, R C. 133 3 Toronto, R C. 127 4 52th Batt, R A. 119 Individual Prizes. 1 Sergt Sharpe, 3 R Butt. 34 2 Geo Yale, A R C, N Y. 33 3 Sergt Hawkins, 8th Butt. 32 4 Sergt Wilson, G T A. 32 5 Sergt Wilson, G T A. 32 6 Col Gildersleeve, A R C, N Y. 32 7 R Kincardine, K R A. 31	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan 2 Lt Buttman 3 Mr Jamieson 4 Pte Ferguson 5 Ensign Tribey 1 Ensign Wright, F R A 2 Pte Mills 3 Sergt McCartney " 4 Pte Ross 5 Sergt Smith 1 Lt Lesneur, 8th B dt 2 Sergt Sutherland, 8th B dt 3 Sergt Inakins " 4 Sorgt Baxter 5 Corp'l McKane 1 W M Bailie, K R A. 2 J G. Bailie " 3 M Strachan " 4 Robert Kincade K R A. 2 J G. Bailie " 3 M Strachan " 4 Robert Kincade K R A. 5 Thos Johnson " 1 Major Fraser, M C A. 5 Major Baynes " 5 Sergt Backall "	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C 20 24 MATCH NO. 8—STRANGERS' STAKES. 27 2 A V Canfield 26 25 28 W Cruit, T R C 26 20 29 4 Sergt Omand, 13th Batt 26 15 29 5 Pte Disher 26 10 20 6 Sergt Mitchell 26 5 21 7 Ensign Goodhue, 58th Butt 26 5 22 8 Lu Whitm 00th Butt 26 5 23 9 Major Conton, A B 25 5 24 10 Pte D Mitchell 13th Batt 25 5 25 11 Mr A S Falield, A R C, N Y 25 5 26 12 Ensign Tribey, G t R 25 5 27 13 Major Fruser, M G A 24 5 28 14 J Stenhouse, M R C 24 5 29 15 6 O Goodhue 24 5 20 16 Mr Beu 24 4 21 7 Col Lamontagne 24 4 21 8 Pte McLeod, P of W R 24 4 22 Pte Mills, 50th Batt 23 4 23 ATCH NO. 9—THE LADIES CUP, No. Pts. An't 24 A Ensign Wright, 50th Batt 51 15 25 Captain Thomas, 54th Batt 51 10 26 Lieut Whitman, 60th Batt 51 15 27 Captain Thomas, 54th Batt 51 10 28 Captain Thomas, 54th Batt 51 10 29 Chent Whitman, 60th Batt 51 10 20 Chent Whitman, 60th Batt 51 10 30 Captain Thomas, 54th Batt 51 10 40 Captain Thomas, 54th Batt 51 10 41 Captain Thomas, 54th Batt 51 10 42 Captain Thomas, 54th Batt 51 7 43 Captain Thomas, 54th Batt 51 10 44 Captain Thomas, 54th Batt 51 10 45 Captain Thomas, 54th Batt 51 10 46 Captain Thomas, 54th Batt 51 10 47 Captain Thomas, 54th Batt 51 10 48 Captain Thomas, 54th Batt 51 10 49 Captain Thomas, 54th Batt 51 10 50 Captain Thomas, 54th Bat
MATCH NO. 5—STADAGONA STAKES, No. Pts. Am	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan. 2 Lt Bullman. 3 Mr Jamieson. 4 Pte Ferguson 5 Ensign Tribey. 1 Ensign Wright, F R A. 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, 8th B dt 2 Sergt Sutherland, 8th B dt 2 Sergt Sutherland, 8th B dt 3 Sergt McKane 1 W M Baille, K R A. 2 J G. Baille 3 M Strachan 4 Robert Kincade K R A. 5 Thos Johnson 1 Major Fraser, M G A. 5 Major Baynes 5 Sergt Backall 5 Gorp'l Stewart 5 Gorp'l Stewart 5	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C 20 24 MATCH NO. 8—STRANGERS' STAKES. 27 2 A V Canfield 26 25 28 W Cruit, T R C 26 20 29 4 Sergt Omand, 13th Batt 26 15 29 5 Pte Disher 26 10 20 6 Sergt Mitchell 26 5 21 7 Ensign Goodhue, 58th Butt 26 5 22 8 La Whitm 60th Batt 26 5 23 8 La Whitm 60th Batt 25 5 24 9 Major Cotton, A B 25 5 25 12 Ensign Tribey, G t R 25 5 26 13 Major Fraser, M G A 24 5 27 14 J Stenhouse, M R C 24 5 28 15 G O Goodhue 24 5 29 16 Mr Beu 24 4 20 Pto Mills, 50th Batt 23 4 20 Pto Mills, 50th Batt 23 4 21 Mr Bell, T R C 55 \$40 22 Lieut Fulton, A R C, N Y 54 30 3 Sergeant Hill, P of W R 52 20 4 Ensign Wright, 50th Batt 51 5 5 Captain Thomas, 5tth Batt 51 7 7 Sergeant Mitchell 13th Batt 51 7 7 Sergeant
MATCH NO. 5—STADACONA STAKES, No. Pis. Am 1 Lt McNachtan, C G A. 28 2 Sergt Cruit, L R.C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R. 27 5 Pto D Mitchell, 13th Batt. 27 7 Major Baynes, M. G A. 77 8 Sergt Hill 27 9 Major Fraser, M. G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 "Daudiet." 26 13 T Johnston, K R A. 26 14 Ensign Vaughan, 60th Batt. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt Michell, 13th Batt. 26 16 Sergt Michell, 13th Batt. 26 17 Gorp't G Copping, 3 R Batt. 26 18 Pto Ferguson, G T R. 26 19 'Duting, 58 h Batt. 26 19 'Duting, 58 h Batt. 26 MATCH NO 6—ASSOCIATION. 1 Metropolitan, R C. 133 2 Stadacon, R C. 133 3 Toronto, R C. 127 4 50th Batt, R A. 119 Individual Prizes. 1 Sergt Sharpe, 3 R Batt. 32 4 SergtMajor Saucier, 18th Batt. 32 5 Sergt Wilson, G T A. 32 6 Col Gittersleeve, A R C, N Y. 32 7 R Kincardine, K R A. 31 8 Lt Johnston, 71at Batt. 30 9 Pte Ross, 50th Butt. 30	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan. 2 Lt Bultman. 3 Mr Jamieson. 4 Pte Ferguson. 5 Ensign Tribey. 1 Ensign Wright, F R A. 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, Sth Butt. 2 Sergt Sutherland, Sth Butt. 3 Sergt Inakins 4 Sorgt Baxter 5 Corp'! McKane 1 W M Bailie, K R A. 2 J G. Bailie 3 M Strachan 4 Robert Kincade K R A. 5 Thos Johnson 1 Major Fraser, M C A. 5 Major Baynes 5 Sergt Wilson 5 Sergt Wilson 5 Sergt Wilson	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C 20 24 MATCH NO, 8—STRANGERS' STAKES. 27 2 A V Canfield 26 25 28 W Cruit, T R C 26 20 29 M Cruit, T R C 26 20 20 Sergt Mitchell 26 5 20 Sergt Mitchell 26 5 21 Ensign Goodhue, 58th Butt 26 5 22 T Ensign Goodhue, 58th Butt 26 5 23 M Graton, A B 25 5 24 Lu Whitm 60th Butt 25 5 25 Lu Ensign Tribey, G t R 25 5 26 Lu Whitm R C 24 5 27 Ensign Tribey, G t R 24 5 28 Lu Whitm R C 24 5 29 M Graton R C 24 5 20 Lu Ensign Tribey, G t R 24 5 21 Lu Stenhouse, M R C 24 5 22 Lieut Goodhue 24 4 23 Pte McLeod, P of W R 24 4 24 Pte McLeod, P of W R 24 4 25 Pte Mills, 50th Batt 23 4 26 Matter Cleaveland 23 4 27 Lieut Falton, A R C, N Y 54 30 3 Sergeant Hill, P of W R 52 20 4 Ensign Wright, 50th Butt 51 5 5 Captain Thomas 5 th Batt 51 5 5 Captain Thomas 5 th Batt 51 7 7 Sergeant Mitchell, 13th Batt 51 7 7 Sergeant Mitchell, 13th Batt 51 7 7 Sergeant Mitchell, 13th Batt 51 7 8 Ensign Adam, do 50 7
MATOH NO. 5—STADAGONA. STAKES, NO. Pis. Am 1 Lt McNachtan, C G A. 28 2 Sergt Cruit, L R C. 28 3 Sergt Omand, 13th Batt. 28 4 Lt Campbell, V V R 27 5 Pte D Mitchell, 13th Batt. 27 6 "Edwards, 58th Batt. 27 7 Major Baynes, M G A. 77 8 Sergt Hill 27 9 Major Fraser, M G A. 26 10 Capt Wall, G R R. 26 11 Sergt McRobert, V R C. 26 12 "Daudiet, "26 13 T Johnston, K R A 26 14 Ensign Vaughan, 60th Batt. 26 15 Sergt Mitchell, 13th Batt. 26 16 Sergt Mitchell, 13th Batt. 26 16 Sergt Mitchell, 13th Batt. 26 17 Gorp'l G Copping, 3 R Batt. 26 18 Pte Ferguson, G T R. 26 19 Dutling, 58 h Batt. 26 MATCH NO 6—ASSOCIATION. I Metropolitan, R C. 133 2 Stadacon, R C. 133 3 Toronto, R C. 127 4 50th Batt, R A. 119 Individual Prizes. 1 Sergt Sharpe, 3 R Batt. 32 4 Sergt Major Sucier, 18th Batt. 32 4 Sergt Major Sucier, 18th Batt. 32 4 Sergt Major Sucier, 18th Batt. 32 5 Sergt Wilson, G T A. 32 6 Col Gildersleeve, A R C, N Y. 32 7 R Kincardine, K R A. 31 8 Lt Johnston, 7 Int Batt. 30 9 Pte Ross, 50th Butt. 30	3 Adjt Kelly 4 Pte Ferguson 5 Ensign Tirbey District Bedford Association. 1 Ensign Vaughan. 2 Lt Bultman. 3 Mr Jamieson. 4 Pte Ferguson. 5 Ensign Tribey. 1 Ensign Wright, F R A. 2 Pte Mills 3 Sergt McCartney 4 Pte Ross 5 Sergt Smith 1 Lt Lesueur, Sth Butt. 2 Sergt Sutherland, Sth Butt. 3 Sergt Inakins 4 Sorgt Baxter 5 Corp'! McKane 1 W M Bailie, K R A. 2 J G. Bailie 3 M Strachan 4 Robert Kincade K R A. 5 Thos Johnson 1 Major Fraser, M C A. 5 Major Baynes 5 Sergt Wilson 5 Sergt Wilson 5 Sergt Wilson	17 Mr Little, T R C. 21 4 18 Pte Disher, 13th Batt 21 4 19 Corp'l Stewart, M G A 21 4 20 Mr Bell, T R C 20 24 MATCH NO. 8—STRANGERS' STAKES. 27 2 A V Canfield 26 25 28 W Cruit, T R C 26 20 29 4 Sergt Omand, 13th Batt 26 15 29 5 Pte Disher 26 10 20 6 Sergt Mitchell 26 5 21 7 Ensign Goodhue, 58th Butt 26 5 22 8 La Whitm 60th Batt 26 5 23 8 La Whitm 60th Batt 25 5 24 9 Major Cotton, A B 25 5 25 12 Ensign Tribey, G t R 25 5 26 13 Major Fraser, M G A 24 5 27 14 J Stenhouse, M R C 24 5 28 15 G O Goodhue 24 5 29 16 Mr Beu 24 4 20 Pto Mills, 50th Batt 23 4 20 Pto Mills, 50th Batt 23 4 21 Mr Bell, T R C 55 \$40 22 Lieut Fulton, A R C, N Y 54 30 3 Sergeant Hill, P of W R 52 20 4 Ensign Wright, 50th Batt 51 5 5 Captain Thomas, 5tth Batt 51 7 7 Sergeant Mitchell 13th Batt 51 7 7 Sergeant

ARMY ORGANIZATION.

(By General George B. McClellan.) (Continued from page 290.)

THE ARMY CORPS,

In the German army this consists of two and train belonging to it, the instruction of

B. The 2nd Infantry Division.

4th Infantry Brigade, drd Lafantry Brigade, 2 Regiments, 2 Regiments, 1 Regiment, 1 C C Cavalry Division.

rons, 16 battelies, 9 ammunition columns, 3 sions of infantry to each corps, which would pioneer companies, 11 trains, and the administration; or in round numbers, inclusive of the nonton train, 930 officers, 38,400 non-commissioned officers and men, 11,900 have an average strength of about 40,000, horses, 96 guns, and 960 wagons, divided as which under the French system, gives an follows:

	Oill's.	Men	Hor'-	Gans	Wag.
Each Infantry Di- vision The CavalryDivis-	330	15,000	1,900	21	140
ion	110	3,100	3,400	12	60
The ReserveArtil- lery The Trains and Ad-	60	2,5 0	2,900	38	310
ministration	40	2200	1,600		260

The staff at the head quarters of an army corps is made up as follows: 1 general or ieutenant general commanding the corps, ed no divisions, but formed the army corps chief of the staff, and I other field officer and 2 captains of the general staff corps; 4 captains or lieutenants as aids de camp; field officer of engineers, assisted by I captain and I lieu enant of the same arm; the staff of the artillery brigade; the stuff of the train buttalion; the administration. In corps consisting of two to three divisions, addition there is with each army corps with a suitable amount of horse artillery, head quarters a detachment of mounted pens d'armes, consisting of 1 officer and 41 and is done to meet special circumstances. men. There are also for orderly and guard duty a head quarters guard consisting of 1 Two or more army corps are united to officer, 50 cavalry soldiers, and 52 infantry form an army. The number of armies and soldiers, Of the latter 1 officer, 18 cavalry the strength of each depend entirely upon soldiers, and 28 infantry soldiers are attached to the care head of the theatre of war, the property of the theatre of war, the property of the care head of the care of the ed to the corps head quarters. 4 cavalry posed plan of campaign, the strength and men and 8 infantry men to each division arrangements of the enemy, etc., etc. For head quarters; 2 cavalry men to each bri- imstance, in the war of 1866 the Austrians

rate with its force, able to move any where, i Benedek's army; while another army and and dependent upon the assistance of evarious detachments operated against the other army corps only when it encounters Bavarians, Hanoverians, etc., etc. So in

army is permanently organized in mineteen anching conjointly against the French forces army corps, i.e., eighteen for France, and scattered from Thonville to Strasburg and one for Algeria. Each army corps consists Belfort. Later in the war they formed of two divisions of infantry, one brigade of tother armies as circumstances required. cavalry, one brigade of artilery, one battal: It is of course to be understood that when ion of engineer troops, a squadron of the two or more armies are acting with a commilitary train, and a proper proportion of mon object, there always is, or at least al-

Berlin in order to secure uniformity. Ιn war, however, all the component parts of the army corps come under the direct and absolute control of its commanding gone ral. In other words, during peace, considerations of economy, supplies, and facility of thorough and uniform instruction control; and frequently cause the different arms to be widely separated from each other; while divisions of infantry, one division or brigade in war tactical considerations are supreme, of evalry, the corps artillery, a battalion of and draw the different arms close together rifles, a battalion of pioneers, the trains, and administration. In time of peace the corps commander has only a general disciplinary control over the artillery, pioneers, ral principles of the formation of an army and train belowing to it the instruction of corps, and the usual distribution of its these special arms being regulated from parts, will appear from the following table. A. The 1st Infantry Division,
2d Infantry Brigade, 1st Infantry Brigade,
2 Regiments, 2 Regiments,
1 Rifle Battallon,
1 Cavalry Routers

2d Cavalry Bugade.

2 Regiments.

Division Horse Artillery, with 2 or 3 Batteries.

D. Corps Reserve Artillery.

1 Ammunition Division.

1 PontoonTrain(when required by circumstances). 1 to 2 Horse Battles, consisting of from 6 to 12 guns.

E. Trains and Administration. Total strength-25 battalions, 24 squad government proposed assigning three divi

1 Cavalry Regiment. 1 Division Foot Artillery-24 guns.

but after long discussions it was decided to form the corps as given above, so that they effective force of about 32,000 combatants.

In Russia, also. the organization of army corps is permanents, they consist of three i infantry divisions, one cayalry division, and one artiflery division.

Within the last two years the Italians have adopted the permanent organization of army corps on the German system, and have reorganized the division, brigade, regiment, and battalion to correspond with the German.

of four brigades, each consisting of two m. fantry regiments, one tifle battalion, one squadron of cavalry, and one battery of foot aitillery. Since that time, however, they have reverted to the division organization.

It has sometimes occurred that cavalry

ARMIES.

gade head quarters.

An army corps such as has just been do another, under Benedek, to operate against scribed is really a small army complete in the Prussians. The latter divided into itself, numbering, when the ranks are full, three armies that portion of their forces in about 36,000 combatants, perfectly prepared to act against the Austrians, and od for any independent action commensus. obstacles too great for its unused strength! the French war of 1870 71 the Germans According to recent legislation, the French commenced the campaign in three armies the staff and administrative services. The | ways should be, a generalissime, or common | government, the character of the people,

head, to direct the general movements of all, and that this directing spirit is close at hend in the field, and not in some distant capital. When an army corps forms part of an army it does not lose its identity, and its commander preserves his absolute and full control over everything within his corps, the general head quarters of the army, as well as that of "all the armies," confining themselves to giving general instructions and exercising a general supervision.

The command of an army corps such as the base described it is a test which over

we have described it is a task which evidently requires experience, ability, and military skill of a much higher order than that needed for the command of simple division-qualities which it is not too easy to find in any army. It is evident also that the injurious effects of incompetency in the command of a corps would be much greater than in that of a division, and might quite readily involve the safety of the whole army. In very large armies the formation of army corps would appear to be indispensable, and it is equally imperative that in time of peace no efforts should be spared to provide a su'licient number of competent corps commanders. In armies of moderate size, say of from 75,000 to 80,000 men, the question of organizing corps must depend upon circumstances. If the army is to act, even for a time, on two lines, where the parts will be comparatively independent, and if the commanding general is so fortunate as to possess three or lour subordinates of pre eminent ability and qualifi cations, it will usually be advisable to form army corps; but if among the division communders there are none who clearly possess the requisite qualities for the command of a corps, it will be much better to organize the army in divisions, until the right men are found. The mistake of a division commander may often be rectified, but those of a corps commander are very apt to be fatal. In Europe the commanders of armies and of corps are not selected solely on account of seniority. It may be interesting to state here that under its present organization the field army of the German Empire consists of eighteen corps, including the guards, giving an effective strength of nearly 720,000 officers and men, and that the French field army also consists of eighteen corps giving a slightly greater effective strength on paper; but the great difference is that while the Germans can in a few days bring into the field the above number of disciplined troops, the French will be unable to do so for several years to come; that is to say, not until their new system has been in operation long enough to enable them to accumulate the requisite reserves of trained troops.

THE RECRUTING OF ARMIES,

On the continent of Europe the ranks are filled by a more or less rigorous conscription. In England and the United States volum tary enlistment is the rule, and conscription, or draft, the exception. Experience has proved that, in modern times, with voluntary enlistment alone it is vary difficult and expensive to fill the ranks of an army of any considerable size in time of peace, and quite impossible to accumulate the large reserves of trained soldiers requir ed as soon as war is imminent. This system involves high pay and large bounties, and can, therefore, he employed only by wealthy nations with small armies. It presents, also, the serious disadvantage that in time of peace it does not bring the best material into the ranks. With regard to any par ticular country, it is clear that the form of

and its relations with neighboring powers must decide the method to be adopted for filling the army. Situated as the nations of continental Europe now are, they have no choice but to adopt a system of conscription, and the tendency now is toward the rigorous system of Germany. In Great Britain neither the form of government nor the habits of the people permit the establishment of conscription, although they meet with no little difficulty in maintain. ing the force required by their situation. We are so happily a tuated as not to require a large army in ordinary times, and, being separated by an ocean from the great military powers of the world, it is not probable, so long, as we remain united among ourselves, that we shall again require armies so large as to render a resort to conscription necessary. This condition of affairs is not the least of the favors that Providence has bestowed upon us. It would have been far otherwise had the war in which we were re cently engaged resulted in the disruption of the Union and a division of the country between two great powers; for both sections must then have maintained large standing armies, and submitted to the many evils and sacrifices they entail. Any one who fully comprehends and appreciates the effects of the immense armaments of Europe upon every pursuit and condition of life must acknowledge that the great sacrifices made by the present generation in our country are more than compensated by the blessings which will follow their results through a long future.

In England the term of enlistment is for ton or twelve years. In the United States it is for five years in time of peace, while in war it has been our habit to enlist men for three years, or for the duration of the war. For our present purposes the various systems of conscription may all be classified under two heads: first the universal conscription, under which all able-bodied men are liable to and actually called upon to render military service during peace as well as war; second, the system under which only a portion of the able bodied are called out by conscription, and under which those drawn are usually permitted to furnish substitutes.

Russsia and Austria come under the second class, for in both the number of men to be drawn by lot each year from among those liable for duty is determined annual by by a law or decree ba ed upon the needs of the moment, and in both substitutes are allowed. In Russia the term of service is fifteen years, of which a portion is on leave of absence. In Austria the term is eight years with the active army and two years in the reserve; of the former period the infan try pass two years and three quarters with their regiments, the cavalry five years and a half, the special arms four years.

In France the manner of recruiting and the liability to service are now regulated by the law of July, 1872 Every Frenchman fit for service is liable for duty in the regular army or the reserves from the age of twenty to that of forty. Those who have been con demnitonny ignominious or disgraceful punishment are excluded from serving in any capacity Pupils at the Polytechnique and at the Forest schools are allowed to count the time passed there, after they become linble or draft, as so much active service. There are other exceptions (not exemptions) in favor of professors in sundry institutious, and others that we have not space to enume rate. Volunteers for one year are also

ble for duty belong to the active army for four years, to the territorial army for five years, and to the reserve of the territorial army for six years. As the total annual contingent of young men reaching the pro-per age is too great for the current needs of the active army and the financial resources of the country only about me half are drawn by lot for five years' service, while the re-mainder are to receive from six months to one year's instruction, and then return to their homes, subject to the call of the government. For the present year the second half has not been called out, and the regiments are generally so weak that it is more than doubtful whether the whole of the first half is really in service. Under the new law no substitutes are permitted, but re enlistments are still allowed.

In Germany alone is the principle of the universal obligation of mintary service strictly carried out, and even there only since the reorganization of 1859 and 1860.

The members of reigning princely houses are exempt from this liability. Men who are physically incapable of serving as soldiers of the line are nevertheless held to perform such other duties as they are fit for, c. g. tailors and shoe makers, clerks, hospital attendants, etc., etc. Men who have been convicted of crimes are excluded from the service, as unfit to associate with honorable men.

Every German liable for military duty be comes a member of the standing army upon completing his twentieth year, and so continues for seven years. In peace he serves the first three years with the colors, and the remaining four on the reserve. For the next five years he belongs to the Landwehr, thus making his total service twelve years. No substitutes are permitted; re culistments are allowed.

While forming part of the reserve the German soldier is of course liable to be recalled to his regiment in the event of a mobili zation of the army for any purpose; but with this exception he is only held to attend two annual manœuvres, which can not exceed eight weeks each.

While belonging to the Lundwher the in fantry soldier is only obliged to attend two manœuvres, of from one to two weeks each, in special companies or battalions of Landwehr. The Landwher men of the rifles, artillers, pioneers, and train are liable to the same service, but with regular troops of their own arm. The Landwher cavalry are not called out for manouvres in time of peace.

In most of the Continental services dur ing profound peace it is the practice to reduce the expenses of the army by giving a certain number of furloughs to infantry soldiers who have completed their instruc sorties with the colors. In the German army the regular time for the discharge of the centingent of three years' service into the reserve, and for the new contingent to join their regiments, is the 1st of October of each year; but it is usual not to require the infantry men of the new contingent to report until the middle of December, and also to send the men of the third year to the reserve immediately upon the ending of the autumn manœuvres, that is, about the middle of September. The effect of these two measures is to save the pay and rations of one third of the infintry for three months of each year. To effect a further saving, it has also been customary during the last few years to give temporary furloughs to men admitted, essentially as in the German of the second year of service; this is done army. Uunder the law all Frenchmen liat to the extent of five men in each company

At the International Congress to be held at Brussels, for set ling the usages of war, the British representative, says Punch, will be instructed to press the following points: 1. No bombar liment of London to take place while Parliament is sitting. 2. No battles to be fought on the D rby Day, the Cake Day, or during Ascot, Goadwood, or Newmarket R.c.s. 3. In case of invasion, Brighton, Weymouth, and Scarborough to be considered neutral territory, 4 Prisoners of war (being commissioned officers) to pay an entrance fee to the regimental messes of which they may be elected honorary members. 5, Regimental bands cap-tured on the field of battle to be availabe at festivals held at the Royal Atbert Hall or at the Crystal Palace, Sydenham. 6. Portrait models of captured denerals to be permitted at Mme. Tussaud's Exhibition of Wax works, on the understanding that (a) some site other than that of the Chamber of Horrors be selected for the display; and of Horrors be selected for the display; and (b) that a ticket of admission for the season be presented to each captured General in ellipy so exibited. 7 Invading armies travelling by railway to pay at the rate of not less than £5 per mile per person. Return tickets (in Great Britain and Ireland) not to be guaranteed.

It is said, says the London Army and of infantry, and sixty four in each battalion of rilles. The class of "volunteers for one year" must not be passed over in silence. Young men of good education, who pussess the means of providing for their equipment food, and clothing, are permitted to present themselves as volunteers for one year. If they pass the necessary examination, they are received as such, and serve for the time specified just as the other men. except that struction. If they pass the examination at the close of the year, they are free from further service with the colors in time of peace, and pass at once into the reserve. From this class many of the officers of the Landwehr are selected. If they fail to pass the examination at the expiration of theyear, they lose the benefits of volunteering, and remain on the same footing with the other conscripts.

The effect of this system is to afford great relief to the classes engaged in the learned professions and in important manu facturing and commercial pursuits, while it at the sune time provides a large number of capable officers for the Landwehr, and is of benefit to the army by infusing an additional element of great intelligence and respectability.

The Italians as well as the French, have of late adopted the system of volunteers for one year.

Navy Gazette, that the committee which is engaged on the reorganization of the French A my has adopted a plan for improving the condition of non commissioned officers, and such a measure is decidedly necessary. At present no inducements are held out to men to remain beyond the time they are bound to serve, and the consequence is that there are hardly any Sergeants and Cor-porals expable of teaching recruits. According to the present law, a min who draws what is called a had number is draughted into the Active Army, where he has to re-main for five years. Supposing that after three years he becomes a sorgeant, and that two years afterwards he withdraws from the Active Army, by whom is his place to be taken? It is evidently necessary to make the berth of a non-commissioned officer superior to what it is at present.

(Continued from Page 405.)	
9 Liout Harris, O G A 49 10 Mr. Stenhouse, M R C 49	7
11 Private Mitchell, 13th Batt. 48	5
12 Private Murison. do 48	5
12 Private Murison. do 48 13 Private Shaw, 54th. Batt 48	5
14 Col. Gildersleeve, ARC, NY 47	5
15 Private D Mitchell, 13th Batt. 47	5
16 Sergt Major Studier, 18th Batt 47	4
17 Mr. Crnit, TR C 47	4
18 Mr. Hilton, V RC 46	4
19 Sergeant Omand, 13th Batt 46	4
20 Private Disher, 13th Batt 45	4
MATCH NO. 10-SMALL BORE-CHAMPIONS	_
	Pts.
1 Sergt Soucier 18th Batt Metford	49
2 Pto D Mitchell 13th Batt ,, 3 Mr Boll T R C Rigby 4 Lieut Whitman 60th Batt Metford	48
3 Mr Boll T R C Rigby	47
4 Lieut Whitman 60th Batt Metford	45
5 Pte T Mitchell 13th Batt 6 Lieut Harris O G A. 7 Capt Thomas 5th Batt 8 Eusign Adams 13th Batt Rigby. 9 Mr Cruit 1 KC Motford.	45
6 Lieut Harris O G A	44
7 Capt Thomas 51th Batt "	43
8 Eusign Adams 13th Batt Right	43
9 Mr Cruit 1 RC Motford	42
10 Capt Boyd 54th Batt " 11 Pto Murison 13th Batt " 12 " Hilton V R C "	42
Il Pio Marison 13th Ball "	41
12 " Hilton V R C " 13 Lieut Fu:ton A R C N YRemington 14 Ensign Wright 50th Batt Metford	40
13 Lieut Fusion A R C N Y Remington	39
14 Ensign Wright 50th Batt Metford	
15 Mr Stenhouse M R C	37
MATCH No. 11—CONSOLATION.	
	Pts.
I Ensign Adam 13th Batt	36
2 "Goodhuo 58th Batt.	3.1
3 Sergt Halthy M G A	33
4 Pte Simcock G T R. 5 Cunner Lambert O G A	33
5 Cunner Lambert O G A	32
6 Sergt Smi b " 7 Pte Loggie 71st Batt	33
TPte Loggie 71st Batt	21
8 G nner Morrison UGA	31
a year Ryllie	31
9 Sergt Baltie 10 Guunner Morrison 11 Or Master Cleaveland	31
10 Guunner Morrison 11 Qr Master Cleaveland 12 Gunner Finlayson M G A	31
12 Cunner Finlayson & G A	31 21
13 Pte Black G T R	31

(Special to the Volunters Review) THE 54TH BATTALION VOLUNTEER MILITIA.

14 Capt Atkinson G T R

19 Mr Strachan 20 Lt Bulman 79th Batt

25 Private Thorburn G T R ...

25 Corpl McKane Sth Batt

28 Sergt Blair G T R.

21 Private McQuado P W R

18 Sergt Brouso

22 JS Ferguson MRC.

23 Bugler B utel 3 R Batt.

21 Sergt Clark M ? A

27 Pto Ross M R C

17 Capt Larkin P W R 29

,, 29

The 54th (Lord Aylmer's BattalionVolunteer Militia) may well be proud of the five competitors they furnished for the Battalion match at Point St. Charles ranges, on the occasion of the annual meeting on the 11th inst., of the Province of Quebe Rille Association, this gallant corps having won the following prizes:

Competition 1st.—Colonel B yages challenge cup—Colonel Hanning, Sth prize; Capt. Thomas, 9th prize; Sirgt, Shaw, 23rd prize-all in the prst 40.

Frontier Stakes - Private Goodhue, 3rd prize; Capt. Boyd, 9th prize; Cut. Thomas, 12th prize.

The City Stakes - Capt. Boyd, 3rd prize. Battalion Malch, -54th Battalion, 1st prize.

Association 2 atch. - Sergt. Shaw, 17th puze. The Standing Match. - Sergt. Shaw, 1st prize, Capt. Thomas, 5th prize.

The 54th since the formation of the Q. R. A. have held their own at the annual meetings, and in the Battalion matches have mvariably won the 2nd, 3rd, and 4th prizes Amongst the five competitors of the 54th this year, the following officers and non commissioned officers distinguished them selves at the great Wimbledon meeting in England, viz: Capt. Boyd, Capt, Thomas, and Sergt. Shaw.

UNITED STATES OFFICERS.

The undermentioned officers from New York attended the meeting of the Q. R. A. at Point St. Charles, viz :- Colonel Wingate, President of the N. Y. R. A.; Lieut. Colonel Gildersleeve, Secretary N. Y. R. A.; Lieut. Fulton, 12th Regt. National Guard, N. Y. Lieut, A. V. Canfeild, jr., 22nd N. Y. Regt.; Lieut. G. W. Yalo, Hartford Guards.

Amongst the above namel gentlemen from the United States who have paid this friendly visit to their brother Rislemen of Canada, Lieut. Canfield was conspicous as the winner of the "Remmington Badge" at the Rifle Fournament Creedmoor, U.S. The badge in question is of elegant design consisting of a solid gold scroll with the words "Remmington Badge" engraved thereon; from this scroll, two cross rifles are suspended by chains, the whole supporting a target ornament, surrounded with laurel leaves the bulls eye in this minature target being a large diamond valued at two hundred dollars This gentleman is a crack shot and is the recipient of many other prizes.

BRUCK RIFLE ASSOCIATION.

The match of the above association was held at Walkerton on the 10th and 11th inst. The prize being the silver badge given by the Ontario Refle Association. Conditions- 5 shots at each range, any position, 2 sights shots allowed at long ranges. The ranges in match No. 1 were 200, 500 and 600 yards. Match No 2, 300 and 500 yards. The shootling was not so good as has been made by some members of the club, which may be inttributed to the excessive heat of both days. 27 (But taking into consideration that this is the 27 thirst year any attempt has been made to 27 Imtroduce rifle shooting into the county the result may be looked upon as very satisfac-We shall hope for something better in the future. The following is the score.

	EATCH NO. 1.			MATCH NO. 2.		
	200	309	6.0	30-)	500	
James Rawson,	. 15	16	14	13	13-71	
T Noxon.	17	12	13	16	12-70	
	. 18	13	11	14	15~00	
Joseph Craig	. 13	12	11	12	17-65	
John Hunter,	. 13	16	4	ช	15-56	
W. Richardson,	. 11	S	11	9	12-51	
R. Bichardson,	. 15	15	6	6	5-4.	
J. G. Cooper	. 13	3	7	Ιi	10-41	
W. A. Green.	1.2	4	g	Ħ	G- 12	
D. McDonald,	10	5	6	TOL	red-21	
-Bruce Herald.		-	•			

KINGSTON RIFLE ASSOCIATION.

The third annual prize meeting of this association will be held at Barricheld Ringes, commencing at 9 AM, on Tuesday, August 25th, and following days. There are six 25th, and following days. There are six matches in all-1st match \$50 is offered; 2d match \$110; 3rd match \$50; 4th match \$50. ready to join the other powers i 5th match \$75; 6th match \$10; in all \$345. ledgment of Spanish Republic.

OYSTER BEDS OF CANADA.-Various parts of the Gult of St. Lawrence were dredged last year with the view of determining the oyster beds of Canada. Further operations of the same kind will likely be carried on this year, when valuable information will likely be gleaned, and needful legislation based upon it for the purpose of preserving and propagiting the bivalves, Mr. Whi eaves, was conducted the survey, thinks that the beds lie mainly in shallow water, say three fathoms, though found up to seven fathoms in dopth. They are found in every river and tidal bay in Prince Edw. rd. in Cape Berton, along Brasd'or lake and its tributaries; in New Brunswick along the entire coast and in Nova Scotia and several harbors on the Atlantic coast, as also in Pictou harbor and essewaere in Northumber land Strait, but they will not live in the bay of Fundy. Perhaps, because of the extraordinary tides. The present order in council preventing the raking of oyster beds from June to 1st Sept. mber is deemed insufficient to protect the beds. It is considered desirable to reserve, as in France and Ireland, corportions of each bed free from raking for a whole year, and beds newly planted should not be desturbed for two or three years.—Belleville Intelligencer.

At a meeting of the Permanent Committee of the National Assembly today, M. Chauband La Tour, Minister of the Interior, in reply to an enquiry by a member of the Left, promised that the judicial proceedings in relation to the escape of Marshal Bizine should be vigorously prosecuted. He acknowledged that there had been a laxity in precautions against the escape of prisoners, but said the investigation instituted by the Government showed that the military authorities at the Fort were not compromised in the affair. He declined to give any further details of the investigation.

The small fortress of Marsal, which played a conspicuous part in the operations of the late Franco-German war, has been doomed to dismantlements. The destruction of the works will be effected—as in the case of Grandeuz-by a sham siego and undermin. ing, in order to convey instruction to the Engineers of the South German Army Corps. The small adjoining forts of Harrancourt and Orleans will be at the same time destro, ad by dynamite and mitro glycerine.

The Duke D'Cozes, Minis er of Foreign Affairs, stated in regard to the recognition of Spain that the Government was not anxious to act in accordance with the other powers, and would proceed in unison with the British Government which had communi cated it views on the subject. No power had yet accomplished the act of recognition. The delay is caused by a question as to the exact form in which that question shall be taker. The members of the Extreme Right express ed disapproval of the conduct of Duke De Cazes but a large majority of the Committee, including the Republican members, sus-

The French Government has decided to raise a monument in Switzerl ad, not far from the Freuch frontier, to commemorate the fraternal conduct of the Swiss toward the Frencharmy during the Franco Prussian

The report that England, Germany and Italy have agreed to watch the Spanish coast is denied. Germany has not proposed intervention to Austria, but the latter is ready to join the other powers in anacknew.