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ol. I. No. 5.

QUEBEC, 1st JUNE, 1880.

Sub. {\$1.00 per annum. 10 cts., single copy.

Military Celebration of the Queen's birthday at Quebec.

11th of September 1759, more than a century has rolled away, coe that eventful night, when the gallant generals Wolfe and ontcalm who fell in all their pride of might, gave to us e key of our future greatness and opened the gates of an known fertile vastness, to the hardy sons of ancient Britain, ere to rise into a mighty people grateful for the willing in the celebration of the next "Queen's birthday." orilices a parent made, to provide future homes for her ildren, and happy in the knowledge, that the bonds of union ich unite the distent shores of their lands, are woven into a pric of imperishable texture.

Circumstances in our lives recall days of the past, and the ents of the history of our country stand out more clearly view, when the light of reflection is made, by passing cirinstances, to beat fiercely upon a ground made famous by deeds of our forefathers.

moment, there is sitting at home, "A Royal Commission," for the purpose of considering a plan, to reunite that once great power of Great Britain, which now lies scattered throughout the four quarters of the globe, so that by linking the arms of England and her Colonies together into one mighty force, the trade Commerce and happiness of the sons of "Greater, Britain," may continue to flourish to the end of time, and it is to be sincerely hoped, that by the returning 24th of May, Canada will be able to boast of an Imperial reserve to take part

The past review and sham fight, which were held upon the celebrated Plains of Abraham, and under the very ramparts of the " Key of the Dominion," welcoming in the commencement of another happy year, in the life of Her Most Gracious Majesty The Queen, was fortunate in the presence of His Excellency our Governor General and their Royal Highnesses the Princess Louise and Prince Leopold.

Space does not permit us to give a detailed account of the evolutions performed or to criticise the bearing or efficiency of Let us then for a moment reflect in turning our eyes the troops engaged, this we will do in our next; under the ards this parade of the 'lilitia of our Dominion, upon so heading of:—" Tactical lessons suggested by the past sham flows a day, and, upon a famous a ground, that, at this fight,"—all we can say here is, that every corps and regiment -

vied with each other to carry off the palm, and so successful were they in their efforts, that those present on the staff, who have had vast experience in mili ary affairs, affirmed that many could not be surpassed by regular troops, and the Marquis of Lorne, in a happy speech complimented the whole to this effect, whilst all agree that, it was the most successful and brilliant military pageant, that, has ever been witnessed in the Dominion of Canada,

The Force taking part in the Sham Fight numbering about 2900 of all arms, was commanded and composed as follows.

> DEFENSIVE FORCE. Divisional Commander. Licutenant-Colonel Duchesnay, D.A.G. Brigade Major,

Lieutenant-Colonel Lamontagne, Aide, Lieutenant-Colonel Colfer, 61st Battalion. Commanding Scarlet Brigade, Lieutenant-Colonel Martin, 6th Fusiliers. Commanding Rifle Brigade, Lieutenant-Colonel Bond, 3rd Victoria Rifles.

COMPOSITION OF FORCE.

Cavalry, one troop Queen's Own Canadian Hussars, Lieutenant Colonel Turnbull.
Field Artiliery, B Battery, two guns, Captain short.
Garrison Artillery Brigade, four batteries, Major Fraser, B B ,C A.
5th Royal Scots, Lieutenant-Colonel Crawford.
6th Fusiliers, Lieutenant-Colonel Martin.
1st Prince of Wales, Lieutenant-Colonel Whitehead.
3rd Victoria Rifles, Lieutenant-Colonel Bond.
65th Mount Royal Rifles, Lieutenant-Colonel Ouimet.

ATTACKING FORCE.

Divisional Command.

Lieutenant-Colonel T B. Strange, R A Aide, Major Hebert, "B." Battery.

Commanding Light Brigade.

Lientenant-Colonel Montizambert. Brigade Major,

Lieutenant Imlah, Halifax Fiold Battery. Commanding Heavy Brigade,

Lt.-Col. Maunsell, D.A.G.

Brigade Major.

Lieutenant Pennofather, 8th Cavalry.

Composition of Force.

Composition of Force.

Cavalry, half troop, Q. O. C. H. Lt.-Col. Gray
Field Artillery, Quebec Field Battery, Captain C. Lindsay.
Battalion Garrison Artillery, B. B., R. S. G., Major Tascherean.
Sth Royal Riftes, Lieutenant-Colonol Alleyn.
Sth Voltigeurs, Lieutenant-Colonol J. B., Amyot.
62nd Battalion St. John Infantry, Major Likely.
Also about 20 of Montreal High School Cadets.
The whole force was under the immediate command of Lieutenant-General Sir Selby Smyth, K. C. M. G.,

MEDICAL ATTENDANCE.

Two ambulance stations provided with medicines and surgical splitances were established on the grounds covered by the review and sham fight; both were distinguished by Geneva flags. No. 1 station was on the Plains under ch. go of a surgeon, and No. 2 in the Laboratory at the foot of the Citadel Glacis.

Defence of Greater Britain.

"The Fable of the Bundle of Sticks,"-what one of us when a child, has not learned, in the nursery, the stancing when a child, has not learned, in the nursery, the stancing The Pall Mall Budget of the 7th ult., referring to this submaxim of every day life, conveyed so clearly, in this simple ject, says:—"The Royal Commission appointed to inquire in tale, yet true to its inmost depth? "Union is strength," and to the question of the defence of our outlying territories con history is a mosaic of events which depicts in the most glaring colours, the rise and fall of nations through this single cause

There was a time when the arms of England hurled back with fury the imperious aggression of her foes, who had yet to learn the practical lesson taught by this wise apophthegm. All this has, however, now been changed, and whilst foreign nations have concentrated their fighting power into one moveable mass, so as to enable them to strike rapid and weighty blows, Britain, on the other hand, through the exigencies of an ever increasing overcrowded population, has been obliged to break new Liberal Government will sanction arrangements which assunder the bands of strength, and scatter her saplings to the will relieve us once for all from anxiety on this head? B uttermost ends of the world, there to build up other and presenting more completely than their predecessors the cor newer Britains,

Patriotism and science has done much to weave now and extended bands, knitting ties of almost lasting endurance;

though imperishable as they be, the strongest bough may yet be snapped, if egotistical partizans bid for a hollow popularity at the expense of a national welfare.

"The Colonies," merely outlying territories of England, have received, and are receiving, from her shores "the bone and sinew of the nation," weakening internally and breaking into scattered fragments that power which once ruled the world. If then Britain is to maintain a supremacy or oven world. If, then, Britain is to maintain a supremacy, or even hold her ground in the councils of growing empires, one common interest must be the future bond of strength, reuniting us all, otherwise these off-shoots of the mother-land drifting away blindly, through their own short-sightedness, may some day be met and crushed in detail by a power which has learned to value the teachings of our fable, leaving their parent to,

afterwards, share the same fato.

It is some years since an eminent Frenchman, who, after visiting our Universities, expressed his astonishment, upon his return to his native country, that England should send so many of her sons to study for a profession in which the prizes were so few and so hard to win, and when the greater majority, after spending the best days of their youth in the attempt, would have at last to go out into the world, unsuccessful and disappointed men. The answer was that it is characteristic of the spirit of the English "emulation," with them, whenever there is a race to be run, the prize of which brings honour, the field, at the starting point, is always sure to be large. The days of brute strength have passed away; war has become a deep science, a life study, and it is absurd to expect men to spend years of time and money in acquiring a knowledge of the profes sion of arms, when such labour and experience bring neither worth or position. The heart of military service becomes as water when it feels there is no reality in the work, and discipline ceases to be noble, when party spirit paralyzes the authority and councils of its chief. If England and the Colonies are to look to the Colonial Militia for help, as an auxiliary to the Imperia arm in the event of war, the service must be made real and carnest, affording officers an opportunity of winning their way to positions in the Imperial service through their own ability by fair and open competition, which at present is not the case so that, officers who take an interest in the military profession may have something to work, something to aim for, and here by "emulation, raise the whole efficiency of our force linking the services," together, by the closest of ties. The proposal for an Imperial Colonial reserve, as advocated in Lieut.-General Sir Selby Smyth's Militia Report for the past year, and suggested in a lecture delivered at the Roya United Service Institution, on "The Military Aspect of Conada," by Lt.-Col. Strange, R.A., Dominion Inspector of Artillery, offers all that is 2 wind. Artillery, offers all that is desired and which, if carried ou would give such an impetus of spirit in the work of defence that the arms of United and Greater Britain might bid defiand to the rest of the world.

tain men of both parties, and delegates are now on their we home to represent colonial opinions on this subject. I would be nothing short of a national misfortune if the opinions portunity were lost of putting this important business on proper footing. As matters stand there is positively no a rangement whatever for joint protection-ports are left unpr tected, coaling stations unsupplied, important strategical pos tions unc rected by telegraph, and the land and sea forces of the various colonies are unorganized. One member of this in portant commission is now Secretary at War, another is Civ Lord of the Admiralty. Is it too much to expect that the new Liberal Government will sanction arrangements which mercial interests of the country, they must see clearly that the

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of Britain," no matter what its valour may be, pales before corrnous armies of continental Europe, and the recent cy of Russia in purchasing and equipping fast gum boats in inental and American ports, for the purpose of letting them inental and American ports, for the purpose of letting them be, like "blood hounds," in the event of war, to prey upon mercantile navy, and intercept our "highways on the "—which blockeding our commercial routs and learning and series of brigade drill, in close and extended formation on the Plains of Abraham, and the soldierly bearing and smart manner in which the evolutions were performed by the 8th and 9th Battalions cannot be too highly praised.

—Some remarks appeared in a recent issue of the To--which blockading our commercial routs and harbours, ld send consternation throughout the length and breadth ngland's possessions—should carry serious thoughts into the ls of our rulers at Ottawa.

mong the many military organizers whose attentions are being bestowed upon the argent problem of the hour, none, aps, have rendered so great a service to, or are more entito the sincere thanks of our Empire than Captain J. C. R. mb, who in placing before England and her Colonies a prac-solution of this momentous question in his book entitled pe Defence of Great and Greater Britain," takes rank as a

arks bearing upon the military service of our own Domi-

Militia Items.

The first great drama and last spectacle on the Plains of tham, divided by an interval of over a century of time, to mind the wonderful improvements that have taken in the construction of modern weapons of war, and with a total revolution in the movements and disposition of sing armies. No longer could a regiment of Fraser Highers throw down their arms and drive back, with their nores, the defending forces through the gates of the city, ather would it appear that a defending army judiciously d, properly armed and entrenched, could bid defiance to a of assailants. The long range of rifled guns, the rapidity, racy and efficacy of their fire, would annihilate bodies of in close formation, and render the new system of evolu-in extended order an absolute necessity. Field artillery be met by field artillery, and the deadly fire from this silenced ere infantry dare venture to shew thems in the open, whilst machine guns are almost sure to play aportant part in any future battle. The lessons learned he retrospect of the past continental campaigns shew clearly deep a science the "art of war" has become, and it is to ocerely hoped that the Volunteers will carry back to their s the practical scientific instruction taught by the past fight, and which, if taken to heart, is sure to prove a unil and lasting benefit to the efficiency of our colonial army.

The Queen's Own Canadian Hussars, commanded by hen to such a state of perfection.

rity of our country depends upon preparation being made ood time to meet any emergency. The colonists shewed sating. The dire consternation which solved the Quebee rly that they were ready and eager to bear their share colonists, sending the volunteer regiments under larger at a time war seemed almost certain; there is no arms, in the expectation that it would be necessary to on to suppose that they are not equally ready to enter upon assonable agreement for the apportionment of the expense adequate preparations in time of peace. It would be a mpli for a Libera! Administration, some of whose members and men talled upon to perform all the ordinary regiments of disregard of the greater concerns of the country, iver ground days, but the Commendant of the Days. hey succeeded in putting beyond the limit of discussion the ing several days, but the Commandant of the Royal inizations of Imperial defence."

School of Gunnery, Lt. Col. Strange, R.A., taking advantage of the present politically unsettled state of the world, the tage of the various battalions being brigaded together, briance of this subject cannot be overstated, the thin red put the whole through an extended series of Drigade

> ronto Mail, emanating from the heated imagination of its Quebec correspondent, respecting the refusal of the 8th and 9th Battaliens of Quebec Rifles to deposit their arms in the Citadel Armory during the late labor commotion. The statement was directly contrary to the facts; nothing could exceed the cheerfulness with which the men complied with the order, knowing it to be sheer madness, in the then state of affairs, to leave rifles scattered about in all directions. It is a pity that sensational correspondents do not take a little more trouble to learn the fruth.

factor to his native land.

—The Quebec Field Battery, Captain Crawford Lindc purpose reviewing Capt. Colomb's book in our next, with say, Licutenants Dean, Garneau and Thibaudeau, were quartered at the Citadel, Quebec, during the past month, undergoing their annual training. The Battery was inspected by Lt.-Col. Strange, R.A., D.I.A., on the parade ground at the Citadel, on the afternoon of the 25th ult., in the presence of His Excellency the Margin of Lorent in the presence of His Excellency the Marquis of Lorne. The corps went through a series of field evolutions, dismounting, mounting and working ordnance, walking and trotting past, and a practical examination connected with the stores, equipment and working of a field battery. Upon the conclusion the inspecting officer expressed himself greatly pleased with the high state of efficiency this excellent Battery had arrived at. On the 26th ult., the men went through their annual firing competition at the Island of Orleans, for the Dominion Artillery Association prizes, sixteen men firing five rounds each, three common and two shrapnel. The practice was excellent, the target, being blown into pieces. On the 27th ult., the corps was again inspected by the Lieutenant-Governor on the Esplanade. The Battery then walked and trotted past to the music of "B" Battery band. Several movements were also performed in the most satisfactory manner. His Honor then presented badges to the following successful competitors:—Sergeant Marcheterre, Gunner Letarte, Gunner Martel, Bombardier Moisan, Sergeant Gronier, and Drivers Letarte and Drolet. His Honor addressed the men congratulating them upon the splendid appearance they had made, and stating that he "saw in their faces the spirit of the old volunteer veterans of 1812, and a proof that the chivalry of the French race had not died out on this continent." He added, he felt sure that "B" Battery, who were regular troops, and nel Forsyth, consisting of two troops, "A and "B," who, in his opinion, could not be excelled by any soldiers ectively commanded by Colonels Turnbull and Gray, in the world, would feel proud, in the event of active serbeen undergoing their annual course of training at vice, to go into action side by side with them. This bate. Citadel, Quobec, during the past month. The offi-y of this cavalry regiment, which reflects the great-redit upon our service, entails the thanks of the au-ties apon Lieut.-Colonel Turnbull for the manner in h he has lavished both time and money in bringing ion to such a state of perfection.

-The 49th Battalion will go into camp on the 24th of June, but whether at Bowmanville or Kingston is not yet

-The Princess Louise Dragoon Guards will go into camp on the 19th of June, and the Ottawa Field Battery a few days after. The former will camp at Stewarton, and the Battery on the Montreal Road.

the 18th. Capt. Todd, of the G.G.F.G., has been induced through the United States was denied to us. For a mili to reconsider his determination and take his place in the

-On the 25th of June next, all the volunteer companies within seventy miles of London, Ont., will assemgrand review will take place in London on Dominion Day.

-His Excellency the Marquis of Lorne and H.R H. the Princess Louise arrived in Quebec on the 20th ult. and took up their residence in the Citadel. They were met at the station by a guard of honor from "B" Battery, commanded by Lt.-Col. Montizambert and Major Hebert, also by Lt.-Col. Strange, R.A., and Capt. Short, C.A., and were escorted from thence to the Citadel by the Crossic Company Constitution. Queen's Own Canadian Hussars, under the command of Lt.-Colonel J. F. Turnbull.

The cheerful discipline displayed by all ranks of the Volunteers who were quartered in the Citadel, during the ship-labor disturbance, and the alacrity with which the men obeyed the summons to arms, speaks volumes for Canada's Militia. Hurried at a moment's notice into barracks, the majority being totally unprovided with the ordinary utensils and appointments which form a soldier's kit, might have tried the temper of veterans; but all discomfort appeared utterly forgotten in the anxiety to do their duty.

-A company of the 10th Royals, Toronto, together with the band, have been invited to Louisville, Ky., by the Kentucky State Agricultural and Mechanical Association, during the exhibition of the Association, which will commence on the 30th August and end on the 5th of September next. During the exhibition, General Jos. E. Johnston will review the State troops, who will muster by order of His Honor Dr. Blackburn, Governor of the State, and it is desired that Col. Shaw, the gallant commander of the 10th, and staff participate in the review. A special train will be provided to convey the Toronto Volunteers from that city to Louisville, if permission is granted them to go. The matter is at present under the consideration of the Minister of Militia.

Cartridge, or 221 rounds per rifle.

Of shot and shell we have about viceable gun.

Thus it will be seen that we have

NOTE-Officers of the Militia are requested to kindly forward to the Editor, for insertion in this column, any information respecting their own regiments which they think might be of interest to their brother officers.

-Whatever schemes of Army reduction may be in the breasts of the War Office officials, it is to be hoped that the Cavalry and Artillery will not be tampered with a summarities at 1,000 rounds per man of infautry, you may create in a few weeks, five years' staff officers at will ammunition at 1,000 rounds per man of infautry, and a few minutes, Victoria Cross men at discretion, but a batalry, and 250 for other corps.

We have tents for 40,000 men, and blankets for half provised. Mr. Gladstone having made friends with Austria, number. should now turn round and say, "Childers, hands off the Artillery and Cavalry."—Broad Arrow. We should say hands stores at Halifax and Bermuda, which are doubtless well on, and do some little for these all powerful arms of the service, plied so far as the wants of their garrisons are concerned,

The Utilization of Colonial Forces Imperial Defence.

Continued.

It is not impossible, although perhaps improbable, that tralia might be called upon to assist Canada. Practic—The Wimbledon team will sail for England on the British Columbia is more accessible from Australia by sea 19th of June, and the Ottawa contingent will leave on the inhabited interior of Canada by land, if means of the expedition to cross the great plains and the Rocky Mount to traverse the wilds of British Columbia to reach Esqui or Nanaimo, would be the work of months. For a similar pedition to reach the same point from New South W. Queensland, or New Zealand, would only be a voyage of we But, with a male population of nearly 35,000, British Co bia should be able to hold its own without outside assists were arms and stores furnished.

And this latter sentence leads to the most serious consid tion of all. If war were to break out immediately, in position should we be in Canada as regards arms and store

Of field guns we have-

6 6-pr. Armstrong guns at Halifax.

2 7-pr. M.L.R.

60 9 pr. M.L.R.

73 3-, 6-, 9-, and 18 pr. smooth-bore.

15 12- and 24-pr. howitzers.

Of garrison guns we have-

423 12-, 18-, 24-, 32-, 56-, 68-pr. smooth-bore.

10 7-inch B.L.

4 7-inch M.L.

26 8-inch S.B.

21 64-32 Palliser guns converted.

Of naval guns-

102 carronades, 12-, 18-, 24-, 32-, 68-pr.

Of battery howitzers and mortars-

22 51- and 8-inch howitzers.

53 8-, 10-, and 13-inch mortars.

Or a total of all kinds of 895.

The total quantity of powder in store for these guns is 08 lbs., or an average of about 30 rounds per gun.

We have a reserve of 21,000 Snider Enfield rifles, and 000 in the hands of the active militia. For these we 7,692,390 ball cartridges, or 126 rounds per rifle. Be these, there are 2,100 Martini-Henry rifles, and 400,060

Of shot and shell we have about 200 rounds for each

Thus it will be seen that we have-

68 serviceable rifled field gurs.

21 serviceable rifled garrison guns, with, say 200 ro

62,100 rifles, with an average of 125 rounds per rifle to arm a coast-line of 1,000 miles, and a militia 700

The rule in the Imperial service (see "Soldier's Pe Book," page 47) is that, when on service the proportion o

ic

British Government should make Halifax a depôt for mily stores to contain sufficient quantities to supplement the sible requirements of the Canadian Militia, and to supply Royal Colonial Reserve. Such a depôt would provide for possibility of the supply from England being cut off for a 5, and every requirement in order to mobilize a division 5,000 men should be there. In addition, there should be the naval depôt sufficient stores to arm and equip the ters and transports required for the division. All arrangets should point towards making the North American staindependent of Great Britain, and having its base in Can-

centralization is, and must be, the greatest safeguard to ain in case of war. To carry all your eggs in one basket overbially unwise; to lock up all your warlike stores in or two arsenals is the most shortsighted folly. The innof England cannot be assumed to be impossible. Owing a power conferred by steam upon the transport service, and ing nation might concentrate a large force with great ity at any required point, and the collection of a sufficient of transports within any suitable harbour would be a mathematical difficulty. "The power of (the enemy's) concensing a force before daylight upon any point, and throwing a upon shore in two or three hours," was the knotty ion discussed by the Royal Commission of 1868, and its sility was conceded as beyond a doubt.

erefore, the contingency of having all the stores locked id an enemy between them and your supports, should be ted against.

e word before concluding, as to the constitution of the al reserves, both naval and military. To give them local teristics they should be raised by companies in populous is of the country, and recruits should, as far as possible, afted from the same section. Officers should be local of approved character and military fitness. They should be Queen's Commission, as in the militia of Great Britain. ppointments should at first be provisional, contingent itness, and afterwards confirmed. Promotion should go division. When called out for active service the period be confined to the duration of the war, or to a term not ing three years. The pay and allowances when on servoid be identical with those of the corresponding arms. Imperial service, and when performing annual drill, the s in the militia of Great Britain, with a bounty of £1 d per annum in addition, as a retainer.

ay be considered that in the foregoing scheme I have cry great liberties with the revenues of Great Britain iding for the arming, equipping, and paying of colonial but from my stand-point of an United Empire no such ration should avail. If Great Britain is an Empire, its are constituent parts of that Empire; and waiving the questions of such an union, there can be no doubt t, in event of war, the Empire is collectively bound its enemies. The history of Great Britain shows that great wars its arms have been supported by mercenary paid and subsisted for the purpose of fighting its bat-he extension of its population renders the employment enaries unnecessary; but the exigencies of the times that great armies shall be immediately available to e requirements of modern warfare. Why stint the of the means which are necessary in order to enable bear their share of the burden of war? Why allow war to rot in dry docks or in harbours without crews, y might form schools for the training of a powerful navy? The British taxpayer is the "bugaboo" that rs stood between the motherland and its colonies; but growing belief that this unreasoning person has exist, and that the Empire recognizes no difference the parent stock and its offshoots, and that the day is when Imperial questions will be considered from an stand-point.

Names, Guns, and Complement of North American and West Indian Squadron.

Name.	Guns.	Mon.	
"Albicore," gunboat (tank-vessel). "Argus," sloop. "Bellerophon," ship, fronciad. "Blanche," corvette. "Boxer," composite gun-vessel. "Contest," "Pruid," corvette. "Flaminge," composite gun vessel "Griffon," gunboat. "Northampton," ship, fronciad "Plover," gunboat. "Plover," gunboat. "Plover," gunboat. "Plover," gunboat. "Eoket," composite gun-vessel "Scorpion," turret, ironciad "Sirlus," corvette. "Tamar," troopship. "Tourmaline," corvette. "Zeyphyr," composite gunboat "Terror," Harbour, Bermuda, floating battery, ironciad." "Urgent," Depot, Jamaica.	13 4 4 14 3 8 4 4 12 2 12 4 8 8	40 177 550 200 100 40 553 72 72 205 213 213 67 78 140 3,178	T'ndr to "Terror." Flagship. T'ndr to "Urgent

Names of Vessels out of Commission suitable as Training and Harbour Defence Vessels for Conada.

Guns. Tonnage. H. P.

Proposed Station.

Name.

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2		Station.	Bermudas.	Hallfax	Newfoundland	West Indies	Barbadoos	Jamaioa	St. Cathorine's	Tobago	Trinidsd	Turk's Islands.	Gufana	Honduras	Other Islands

Table showing available numbers of 1st and 2nd Class Militia men in Uanada, and Numbers of Active Militia Enrolled and Drilled.

Name of Province.	Total male population according to census of 1871.	1st Class Militin according to enumeration in 1873, between 18 and 30.	2nd Class Militia, according to enumeration in 1873, between 30 and 45.	Total unmarried or widow- ers without children be- tween the ages of 18 and 45 years.	Quota of Active Militia authorized under scheme of distribution in 1570.	Number of active militia, authorized to perform annual drill in 1873.
Ontario Quebec New Brunswick Nova Scotia Prince Edward Is- land (1877)	824,590 596,011 145,888 193,792 48,363	115,325 69,020 22,969 30,241	18,211 9,053 1,302 5,700	231,736 78,053 27,271 35,917	18,070 14,382 3,261 4,281 5,000 supple- ment-	0,214 6,553 1,204 1,925
Manitoba (1877) British Columbia (1877)	29,280 33,240	3,048 2,981	1,113	4,020	Mry Mil- itia Acts.	180
Total	1,875,194	251,821	40,792	392,866	45,000	19,569

Militia Report.

It needs only further to draw attention to the Canadian Pacific Railway and the impolicy of removing British naval protection from Vancouver Island. The people of British Columbia are very loyal, and desire to remain closely connected with England, from whom they derive their origin, but they feel that their interests have been sometimes neglected, and there is no knowing how they might act if they found themselves free to act according to their interests.

The large supplies of eastern ready to receive the Control of the con

might act if they found themselves free to act according to their interests.

The large supplies of eastern produce required by Canada would be carried by this route and help to develope trade in a community who draw their manufactures in from England, instead of, as now, going through and helping to build up American Interests.

Lieut.-Colonel Strange was appointed upon this commission, heing the senior, and an enficer of acknowledged high professional attainments very desirous to be so employed. It was desirable that both Dominion Inspectors of Artillery should know the defences and the sea coasts of Vancouver and British Columbia. Lt.-Col. Irwin, an excellent young officer of much promise, had already made a long and fatiguing journey across the continent. The manner in which his duty was performed last year having called for my approbation and justified my representing his able report in that sense to the Government and to the Colonial and War Ministers.

In the early part of last year I had the honor to draw attention to the defenceless state of the Atlant's coasts and scaports of the Dominion.

I therefore concur with Lieut.-Colonel Strange, that it is a part on the part of the continuous of the continuous of the continuous of the continuous of the colonial and the continuous of th

shell. The advantages of rifled morter batteries are that they be concealed from the view of an enemy, and their fire can be rected by signal by the artillory officer commanding.

The batteries being distributed in the most suitable position burbor to be defended marked out in zone, diagram in pendix No. 8, and a supply of powder charges made up to recent zone, would enable the officer commanding the artiller concentrate, by signal, a vertical rain of shell fire on the ship an enemy entering the zones to benthard the town. The disconcentrate, by signal, a vertical rain of shell fire on the ship an enemy entering the zones to benthard the town. The disconcentrate within 600 yards of the batteries of Antofagasta, where armed with the best European rifled guns, one of them a pounder. The "Heasenr" lay with her bow to the town and there is the wide in the best European rifled guns, one of them a pounder the "Heasenr" lay with her bow to the town and there to have remained an hour under the fire of \$0.63 rifled mortar a range of 600 yards, on which they had frequently practified these rifled mortars altogether would hardly cost more! the \$20-pander, dismounted at the first round with its wrotten earlies and slides.

The idea is illustrated in the drawing in diagram Appendix 9. On a declaration of war, the officer commanding the artill could mark out the harbour in his charge roughly into zones sections with buoys, each section, say 600 yards square, the pochanges to reach each section from the various rifled mortar teries could thus be prepared. The charges should be ker separate canisters in the magazines, each canister being may with the loiter of its section; a few rounds from each rifled tar, which should be able to traverse each each section would danine the range of section, and a little practice might be made concentrating the fire of 30 rifled mortars on sections selection. On the approach of the enemy's fleet, and should the leading continue her course towards section 4 shown in the drawing officer could te

It should be remembered that the subject of numerous batt of cheap rifled mortars is probably insignificant in the cythese who manufacture ponderous rifled ordnance, which large sums of money, giving large profits, and therefore like no mention is made of them in Europe; but it must not be feten that Germany, with her usual forethought and prudence discovered their value, and numerous rifled mortars now it derman service constitute not the least powerful portion carmannent. armament.

German service constitute not the least powerful portion on mamment.

Russia would also appear to be alive to the use of vertica. The late Consul at Schastopol was in that port when a small sian steamer returned, having just escaped capture by a Triron-chad of superior speed and heavy armainent of 12 ton guns. This steamer had been struck by 9-inch 250 pound she aimost every portion of her hall except the engine room; men and some officers had been killed and wounded, in a steamer was almost a wreck; nevertheless she escaped, an stated by Captain Harford, late of Her Majesty's 65th Regi and Coinsul at Sebastopol, that her escape was solely due vertical fire from the mortar battery. It appeared she h gans and that her armament consisted of six smooth-bore mortars, three in her bow and three in her stern. When the clad gave chase she rapidly overhauled the Russian steam ling all the time and making great have among the Recrew; although two of the mortars were dismounted, the ring four continued the fire at the huge iron-clad within 501. The Russian captain told the Consul he was about to give ship as hopeless when one of the 6-inch shells fell upon the deck and burst near the funnel. A jet of steam issued from ships after the explosion, confusion appeared among theer guns ceased fire, her engines stopped. Soon she stopped sheared off to some port, and the Russian escaped. No be lustration could be given of the value of vertical fire.

Converted rifled mortars are very cheap, and it is certail would be avery formidable in sufficient, number.

In the early part of last year I had the honor to draw attention to the defeneeless state of the Atlantive coasts and scaports of the hominion.

I therefore concur with Lieut. Coionel Strauge, that it is important in view of economy to utilize the large stock of smooth bering and the control of the contro

NOTE, ED.—Major Palliser proposes rifled mortars, fired at a fixed elevation (45°) with varying charges, similar to the

present system of smooth bore.

Rifled mortars were first introduced to notice in the late Franco-Prussian war, and are weapons which are likely to play an important part in any future campaign, both for firing heavy common shell with large bursting charges, (probably gun cotton), and also vertical Shrapnel shells. The weapons with which the latter would be used should more properly be called "rifled howitzers." As it is, however, evident that a large amount of the explosive force is expended in overcoming the friction of the stude against the sides of the grooves, and in imparting to the projectile the necessary rotatory motion, the amount of which increases with increased velocities of the projectile and sharpness of twist in the grooves of the gun, it becomes apparent that to impart to shells fired from a rifled mortar at a fixed elevation with varying charges to suit different ranges, and consequently with different initial velocities, the proper amount of velocity of rotation necessary to keep the longer axis of the shot parallel with its trajectory, that the twist of the rifling should also vary proportionally to the charges used, or else there will be a range at which the projectile having expended its motion of rotation, at the highest point of its line of flight, will, in descending, turn over on its shorter axis, thereby rendering the firing inaccurate, and the percussion fuzes uncertain of effect.

The better means in our opinion is to fire fixed charges with

elevations varying according to the ranges required.

Military Items.

—So little is known of the real state or strength of the Chinese army, that great interest is attached to a lecture of Captain Gill, R.E., on the subject before the United Service Institution recently.

The organization of the Chinese forces is most peculiar. The "Banner Army," which most nearly approaches to European notions of what an army should be, consists of about 275,000 officers and men, no more than 50,000 of whom could

be said to be effective.

Then there is the force of the "Green Standard," which has the responsibilities of the police force generally, and, in addition, mans the navy of the scaboard provinces. The men are strictly kept to their own provinces, and the force in each province amounts to about 34,500 men. Of Chinese soldiers generally, Captain Gill observes that if properly trained, properly led by officers in whom they have confidence, they would certainly furnish material for admirable soldiers—which, at present, they certainly are not, being, according to all accounts, a compound of cowardice and ferocity.

—A despatch from Wellington, New Zealand, states that the Regent General, the Marquis of Normanby, who is the Governor appointed by the Crown, has decided upon ordering from England a number of torpedo boats for the torpedo corps which is to be organized for the protection of the colony. This is understood to be simply a precautionary measure, as no danger from attack by sea threatens the colony. But within the past ten or twelve years, New Zealand has prospered and become much more desirable than formerly as a possession for any power, and it was concluded by the Governor, with the consent of the General Assembly of the colony, that further harbor defence was needed in case of the breaking out of war between England and other maritime powers. The argument was that New Zealand was situated too far from Great Britain to expect aid from her at short notice, and that the colony is an additional disadvantage in case of an attack, by being divided into three islands, from fifteen to eighteen miles apart. It has Auckland and other excellent ports, the most of which are now not protected in any way against the approach of ar ned vessels.

A comprehensive bill for regulating the militia force of the United States was reported by the Militia Committee of the House on April the 7th. The following are briefly its principal features :- Every able-bodied male citizen between the ages of eighteen and forty-five years is to be enrolled as available for militia duty. All of these, regularly organized under State laws in military corps, are to belong to the "National Guard," and all others enrolled are to belong to the "inactive militia. Provided that there are 700 members to the organizations of each State and Territory; that in the organizations there are not more than 700 mem to each representaizations there are not more than 700 men to each representative or delegate in Congress, that each organization or corps serves five days in camp each year and drills once a month,; and that at least one rifle range for the practice of the militia is established in each State and Territory, the Secretary of War will, through the Chief of Ordnance, furnish to the militia services uniforms for each man enlisted for three years, camp equipments, small arms, and sufficient ammunition for range practice. The President is authorized to offer annually range practice. a prize of \$100 for marksmanship in each State, and \$1,000 for a team prize, each team of fifteen to be selected from the regularly enlisted militia of a State or Territory. The President is empowered, in case of war, to call out the national guard or any part thereof, for a time not exceeding twelve months. A board of officers appointed by the President is to make regulations and decide upon the service uniform to be issued by the Government. Finally, \$500,000 are appropriated to carry out the provisions of the bill, and all conflicting legislation is repealed.

LT.-GENERAL SIR E. SELBY SMYTH, K. C. M. G.

The parting with a friend is at all times a melancholy event, but the return of Lt.-General Sir E. Selby Smyth to England, after commanding our Colonial forces for so many years, calls for marked and special regrets. In him the Militia of Canada loses a true friend, one who has at all times had its welfare at heart, and advocated its interest in spite of all opposition. The great experience he must have acquired in the conduct of Colonial military affairs, and the valuable assistance he can consequently give on so important a subject, is directly lost to the Government of this country and ourselves. Under his command many alterations and great improvements have been instituted, raising the tone of our service to a high state of efficiency. It is, however, to be sincerely hoped that in General Smyth's new sphere of action he will not forget us, but, by being more directly in communication with the War Office at home, will be better able to advance our future prospects, by placing before the authorities in a clearer light the urgent necessity of an "Imperial Colonial Reserve." It is but expressing the earnest sentiments of every officer and man in the Militia when we say, that we all wish him "God speed," and may success attend his future commands, in whatever quarter of the globe the "arms" of Her Majesty may call

At the dinner given in Quebec to the officers of visiting corps, on the occasion of the celebration of the past Queen's Birthday, the Lieutenant-General commanding, who was received with loud cheers, in repy to his health, proposed by the Chairman, Lieut-Colonel Duchesnay, D.A.G., responded as follows:—

ed into three islands, from fifteen to eighteen miles apart. It has Auckland and other excellent ports, the most of which are now not protected in any way against the approach of ar ned that often as it has been my duty and my pleasure in vessels.

audiences, soldom have I felt my heart so full, my powers well for ever. I thank the Governments under which I of expression so inadequate to the occasion as at the prosent moment. It is rarely that a General officer, upon relinquishing an important position, is so honored by kind sentiments and good feeling in the presence of so many officers of that force he has been so long proud to an and good feeling jou have always shown me and which command. When nearly six years ago I came to Canada I was aways that as the first Privile General officer. da I was aware that as the first British General officer who had ever been entrusted by a Colonial Government to command their national forces, I was in some measure adage, and it is to be greatly deplored that the 62nd Battalion an experiment, that the experiment has not been unsued cessful, I have the pleasure to feel, by the appointment of a successor at the termination of my term of services, and by the living proof of being the guest to-night of some many officers of the Dominion Militia. Gentlemen, it is had kindly volunteered to look after the interests of that reginet by the welcome accorded to a stranger mon first ment during its stay in this city, and Mr. Hall the Operator many officers of the Domimon Militia. Gentlemen, it is had kindly volunteered to look after the interests of that regiment by the welcome accorded to a stranger upon first arriving to occupy a prominent public position that his character is to be estimated, at is far more after being tried and proved and honored as I feel I am to-night at the eve of my departure that the happy reflexion comes home to the heart, that in whatever I may have failed the honest desire to do right to all around me has not gone altogether unrewarded in the estimation of those most competent to judge. Since I came among you, most competent to judge. Since I came among you, afforded an apportunity of making amends for the discomfort Queen and to the country and Government I have the suffered by the men of the 62nd, though the fault lay with honor to serve, and though in the position I occupy there honor to serve, and though in the position I occupy there others. is much that demands a careful discretion to modify the sterner discipline of regular armies, yet I trust I have but rarely everstept the bounds of that discretion; I have tried rather to perform the part of the old pilot, to stand by the holm in fair weather and in foul, and to keep the ship's head firmly towards her port while steering explosion. The follow with a steady hand as she ran her course. I must not further experiments:detain you, my friends, remembering how time presses and how many of you must speedily disperse to distant homes. When I look around and reflect how many of the present company could address you with more persuasivo eloquence I am reminded that as a soldier my pact. forte lies in action more than in contemplation, and that you what I have said upon another occasion. that since of steel 0.23 inch thick will be found sufficient. my first landing on these shores, wherever I have traveiled in the wide and mighty region between the Atlantic on account of the addition of weight, and the impossibility of and Pacific coasts, wherever I have mingled with the protecting them from artillery fire, under which the armour people of this great country, in whatever circle or society would become an element of danger. I have had the honor to be admitted, I have always received the genial kindness and the cordia! welcome of a warmhearted and a loyal people, and I truct in the future I may again in England meet some of the kind friends 240 yards radius. whom I have made in Canada, and continue that cordial good fellowship that binds us together as the free and happy subjects of our most Gracious Sovereign. I feel a pride that my last public act in Canada should have been, upon this loyal anniversary, to command the troops to-day assembled upon the historic Plains of Abraham, where the events of bye-gone centuries have handed down to this generation, the Canada of to-day, inhabited by a nnited, prosperous and law abiding population. The pleasure we all felt to-day in doing honor to our Sovereign was enhanced by the presence of Her Majesty's represen ily, the Princess Louise and Prince Leopold. In His Excellency the militia will always have a powerful advocate and patron, in their welfare and progress His Excellency takes as warm an interest as in that of every important institution of this country. And now I must bid you adieu though I feel how hard it is to be parted from those among whom I have so long dwalt with see Analyse of the Royal Families and friends and the public in general for their liberal encouragement to this day, I beg to call their attention to the fact that I have always on hand the choicest fruit fresh fish and vegetables to be had in the city. Hotels, Steamships, private families supplied at most reasonable prices. I make a speciality of Strawberries, Bananas, Pine apples, early asparagus, Green Peas, French Beans, Bermuda Tomatoes and Bermuda potations which I import direct from New York.

Telephone orders promptly executed, from those among whom I have so long dwelt with so much pleasure, yet more bitter indeed is the sorrow that flows when perhaps, to many I may now be saying fare-

have served, and the four Ministers of Militia under whom

GUNCOTTON.

Experiments in Austria, up to July, 1871, show that musket balls fired at short ranges against unfrozen dynamite caused its explosion. The following conclusions were arrived at upon

1. Frozen dynamite cannot be exploded by leaden balls hav-

ing a velocity not greater than 1,300 feet per second.

2. Unfrozen Jynamite placed behind and immediately in contact with an iron plate will explode from the shock of im-

3. Dynamite can be completely protected by the use of a sufficiently thick plate, at the same time maintaining a space among them some one will thank you on their behalf sufficiently thick plate, at the same time maintaining a space better than I would, but I may repeat in taking leave of between plate and dynamite, plates of iron 0.17-inch (?) and

The idea of plating wagons was, however, abandoned, chiefly on account of the addition of weight, and the impossibility of

The main spread of splinters, &c., due to the explosion of a wagon containing 69 lbs. of powder and 92 lbs. of dynamite was 164 to 131 yards, but pieces fell beyond in a circle of about

PURVETOR TO HIS EXCELLENCY THE GOVERNOR GENERAL.

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Quebec, 1st March, 1880.

M. HOGAN,