

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

OTTAWA, (CANADA,) TUESDAY, MAY 25, 1875.

NEWS OF THE WEEK.

Yesterday being the Queen's birthday, it was observed with great celat in Ottawa. and in all the cities and towns throughtout the vast Dominion of Canada.

The Hon. D. A. Macdonald, Postmaster General, has been appointed Lieutenant Governor of the Province of Ontario in the place of the Hon. John Crawford, deceased. The office was offered to the Hon. George Brown, but he declined it.

The acceptance of the Lieutenar.t Governorship of Ontario, by the Hon Mr. Mac. donald, necessitated certain changes in the personale of the Dominion Government. The Hon. Edward Blake has entered the Goverenment as Minister of Justice, and the Hon, Mr. Fournier takes Mr. Macdonald's place as Postmaster General, but Mr. Four-nier continues to discharge the duties of Minister of Justice till after Mr. Blake's reelection, which will take place immediately. Mr. flolton is also spoken of as likely to enter the Ministry, but to what portfolio he is to take the oversight of is merely conjectural.

On Thursday His Excellency the Administrator of the Government commuted the death sentence passed upon the Brockville abortionists to imprisonment in the Provincial Penitentiary for life. Lt. Col. II. Richardson has been appointed

temporarily Deputy Minister of Justice, in the absence of Lt. Col. Bernard, who goes to Europe to recuperate his health. Col. Richardson is an able and painstaking officer.

The Ontario Government gave the late Lieutenant Governor a public funeral, on the 18th inst. The procession started from Government House at two o'clock for St. James' Cathedral, where services were held by Dean Grassett, His Honor's pastor, and his attendant during his last illness, assisted by the Rev. Can Baldwin. After the procession passed along King to Parliament street, thence to the cemetery. No traffic of any kind was permitted on King street from And was permitted on King street from John to Parliament streets, from two o'clock until the procession passed. All places of business were closed punctually at twelve o'clock. The following is the order of the procession, —Marshals, Lieut. Col. R. Deni-son and Lieut. Col. Otter; band of the 10th Boyal Escort of Caralaxy redunces officers Royal Escort of Cavalry, volunteer officers, Collegiate Institute, Upper Canada College and Normal School, officers and members of council of public instruction and education department, officers and members of univer-sities and colleges, the medical profession,

the Bar, the Clergy, the hearse, attending Clergy and Physicians. Pall bearers. Sir John Macdonald, Chief Justice Hagarty, Hon. Frank Smith, Hon. Oliver Mowat, Hon. W. H. Howland, C. B., Mr. E. Crombie. Chief mourners, Members of Executive Council of Ontario, Members of Legislative of Ontario, Officers of Government and Assembly, Members of the Privy Council, Offi cers and Members of the Dominion Parlia ment. Officers and members of the Dominion Civil Service, chief justices, chancellors and judges, the sheriff and other officers of the court, the mayor and council of the city of Toronto, the mayor and council of the city of Hamilton, the mayor and council of the city of Hamilton, other municipal bodies, officers of the municpal council, boards of trade, literary and scientific societies, national so-cieties, machanics' institute, other public bodies and societies, citizens in carriages, citizens on foot. The attendance of citizens citizens on foot. The attendance of citizens was very large, testifying to the very high esteem in which the deceased was held by all clases in the community. The Polynesion which left on Saturday

15th for Liverpool grounded on a mud bank near St. Thomas, during the thick fog and snow storm of the same evening. The steamer, however, was not in any way dam aged or incommoded beyond the momentary stoppage to her voyage. She floated on the morning of the 17th, and proceeded on her journey.

The water in the Ottawa river has risen to a great height since the recent rains. This will greatly facilitate the lumber drive on that stream.

The Government have awarded contracts to Ald. Bangs, of Ottawa, for the manufac ture of 4,000 caps for the active militia, and to Thomas Taylor for a similar number of pairs of boots.

We deeply regret to learn of the sud-den death of Mr. James C'Reilly, Q. C., which event took place on Saturday evening 15th at his residence in Kinston. He retired to bed about 9:30, but had not been long there when he complained to Mrs, O'Reilly of a pain in his head, and asked for a drink of water. Mrs. O'Reilly went down stairs to get the water, but on her return, to her great astonishment, she found her husband dead. Drs. Lavell and Yates were called in, but their services were of no avail, the vital spark had fled. The cause of Mr. O'Reilly's death is supposed to have been apoplexy. The Kingston Bar on learing of the death of their brother barrister, immediately meet and passed resolutions of condolence to the

widow and family. Active preparations are in progress for changing the gauge of the Intercolonial Railroad, which will be carried out, on the 18th and 17th June.

It has been decided to hold the next an

No. 21.

It has been decided to noid the uext an-nual meeting of the Reformed Episcopal Council at Ottawa, in May, 1876. The body of the Rev. Joel Briggs, of Tor-outo, who disappeared on the 1st of May, was found in the bay at that place on the 17th. D-ceased had been an inmate of the Toronto Lunatic Asylum, having been temporarily insane. An inquest was held on the body and a verdict of " found drowned" was returned.

Was returned. The Hon. John C. Breckenridge, of Ken-tucky, died at Louisville yesterday. At the election of 1856 he was elected Vice Presid-ent, with Mr. Buchanan President. After the outbreak of the war Mr. Breckenridge denounced President Lincoln's call for 75, 000 volunteers, and recommended Kenucky to join the cause of the South. The decease ed was envointed a Major General in the ed was appointed a Major General in the Confederate army, and he became Secretary of War of the Confederacy in February 1866. In June of the same year he eset to England, where he lived in exile fors years

The Hon. Mr. Letellier De St. Just, and Mr. Perrault, Secretary of the Centennial Commission, left Ottawa on Saturday the 15th en route for Philadelphia to make ar-rangements with the General Committee for the representation of Canadian industries at the Centennial Exhibition. They intend visiting the maritime provinces before re-turning for the purpose of establishing branch committees at St, John and Hal-

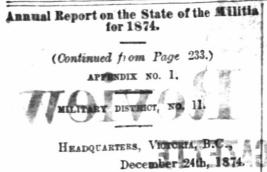
Another Vatican Council is to be sum moned, with a view to discuss propose ecclesiastical reforms.

Missouri is threatened with a plague of grasshoppers, and the Governor of the State has appointed a day for humilation and prayer that the impending calamity may be averted.

Buffalo gnats are making terrible have among the horses and mules near Memphi Hundreds of animals have already be killed by the little pests.

The grasshoppers have been discovered in Nemeha and Richardson Counties, whose sprouting fields of grain have been ea-ten clear throughout. Their line of march is from there in an easterly direction. Grain eaten fields are quickly renewing and the damage is slight. With increased accessed present indications are good for crops of small grain. small grain.

The largest number of immigrants that ever entered the United States in any one year was four hundred thousand. Last year the number did not equal one-half of that. Besides this, thousands returned to Europe on account of dull times.



Sur, -Thave the honor to forward herewith my report of the annual inspection of the corps in this Military district, from thich you will preceive that I commenced with the inspection of the corps at New Westminster on the 30th of November.

This company was five short of its establishment through men having left the district recently, but Captain Edmonds report ed that there would be no difficulty in replacing them, which I have requested him to do without delay.

The arms, clothing, and accoutrements were in good order, and the men presented a very smart and soldier-like appearance on parade.

The weather being most unfavourable I was obliged to hold my inspection in the drill shed, which being small, afforded me but alight opportunity of judging of their im provement in company's drill since my last inspection, and prevented me from seeing them skirmish. This I much regretted, as I am given to understand they have been chiefly practised in this drill during the past season. Such movements as were practicable, however were well performed, and I was much pleased with the progress they had made in the manual and firing exercises which reflected a good deal of credit both on the men and officers, by whom they were instructed.

I was unable to get back from New Westminster so as to hold my inspection of the Victoria corps at an earlier date than the 5th of December, the steamer having ceased to make semi weekly trips, thereby neces sitating a delay of an entire week at that place.

This is always the case during the winter months, and may be urged as an additional reason for the expediency of altering the inspection season in this Province, as recom mended in my letter of the 12th October last on this subject.

On the 15th December, I paraded the two Victoria companies on Beacon Hill, on which occasion, His Honor the Lieutenent Gover nor was present and having accompanied me through my inspection, expressed himself highly pleased with the appearance of the men, and the manner in which the various movements were subsequently executed.

good there, and the stores (with a few slight exceptions to which thention was called) were chard and well taken care of.

After the ving marked last His Honor the Lieut in the Governor, with was very crediably performed, the two companies were put through the manual and firing exercises by Capt. Pooley, and subsequently drilled as a battalion by Captain Rescoe, in both of which the officers and men acquitted themselves most satisfactorily. No. I company then skirmished with No.

No. 1 company then skirmished with No. 2 in support, and after executing several movements in a highly creditable manner and expending ton rounds of blank smmunition per man, they retired on the supports and were marched home to the drill shed by

the senior officer, Captain Rosco, presented a very soldier like appearance white march ing through the city, headed by their band of ten performers, who have also made considerable progress since last inspection. On the Sth December, I proceeded to Na-

On the Sth December, I proceeted to Nanaimo and held my inspection there on the 10th instant,

The weather being also unfavorable there for an open air parade. I was obliged to assemble them in the Machanic's Hall, which was kindly lent for the occasion, and has in fact been temporarily placed at their seryice as a drill hall pending other arrangements.

This company had only had the advantage of an instructor's service for six weeks previous to the inspection, and I was agreeably surprised at the state of officiency to which they had attained in so short a period.

Their arms, clothing and accoutrementwere in excellent order, and they presented quite a smart appearance on parade.

I had them sized, told off and proved by Ensign Harvey, and the arms piled and unpiled, which was very well done.

They were then put through the manual and firing exercises by C. ptain Bryden, and the bayonet exercise by Lieutenant Prior, all of which were well executed.

The hall being very small I was unable to see much marching or company drill performed by them.

What little was done however gave me much satisfaction under the circumstances.

The instructor-Gunner's M - Samuel Gill, of Her Majesty's Ship My midon,-was not present, he having been obliged to re turn to his ship a week previous to my arrival at Nanaimo, but I have much pleasure in testifying to his ability as a drill instructor, and the pains, I am ward need by the result in concluding, he must have bestowed on the company to have brought them so quickly to such efficiency.

It also shows that great attention must have been bestowed by both the officers and men of this corps for which I must accord them their full share of credit

This company is as yet provided with no rifle range beyond two hundred yards, so, although many of them have completed their annual practice by firing forty rounds at this distance, I have not thought it necessary to send in their practice returns or show their figure of merit.

They have an admirable site for a six hundred yard range which only requires some clearing, and I have r quested Captain Bryden to make an estimate of the cost, which when completed will be forwarded for your information, and the sanction of the Hon. Minister of Militia and Defence.

I would also strongly and respectfully recommed that a sum of mores tegranted to this corps for assistance in the matter of the erection of a suitable drill sheet, the Mechan ics' Hall being entirely toos had for the purpose, even were it possible mobilin the use of it at all times.

The board and wages of the dri Hinsteu tor, Gil mounted to somewhat more tost. I antied, but as his services were only avai six weeks instead of two months in my letter of the 13th June. 25 2. i, it still comes within the some therein recom mended by me or the ful i's drill allow. ance as sanctioned by a le four the Ac. ting Adjutant General, dat a O ta wa, June 1st, 1874.

I state the amount (Cost of duit instruction at Nanaimo:-Instructor's pay at \$5 per month; board at \$27 per month 11 month's pay \$37.50; 11 month's totard \$40 .50: Total \$78) for your information, and beg to recommend that he be again employ.

ed for at least a month in the ensuing summer in order that the corps may have an opportunity of learning skirmishing drill which Gunner's Mate Gill had not time to teach them in so short a period as the term of his last engagement. This will of course equire an additional appropriation, is the otiré drill instruction pay for the arrent year has already been all out expended. The number of men who mustered for in-

The number of men who mustered for inspection in the different localities was nedessaily very small, owing to the inconvenient season selected for this purpose, to which I drew attention in my letter of the 12th October, before referred to, and for the same reason a considerable proportion of the men have been unable to complete their annual drill or firing practice for the current year, as they were absent from their company's head quarters the greater portion of the time.

The drill shed at Victoria will, I expect, be completed by the end of this month, and I shall remove my office into it as soon as possible and have the stores which are now in possession of the Hudon Bay Company and Mesars. Sprout & Co., also transferred there immediately, so as to save the expense of rent and storage, and enable the storekseper to make the proper returns, which up to the present has been quite impracticable, as a great portion of them are inaccessible without the expenditure of an immense amount of labor, which will be unnecessary once they are in the new building. Show and

I look with much interst, however, for a reply to my letter of the 20th November on the subject of stoves and fuel for the building, as I think they will be most essential to the stores and armories particularly, the climate here, in winter, being exceedingly damp.

I regret that the letter from the Deputy Adjutant General at headquarters, dated the 14th November, authorizing me to proceed with the organization and enrolement of the Seymour Artillery at New Westminster, did not reach me until after my return from making my annual inspection there, as it will now necessitate by making another trip for that special purpose.

This however I intend doing next steamer and have notified Lieut. Scott to that effect.

I have the honor to be, Sir,

Your obedient servant,

C. F. Horghron, Lt. Col. Deputy Adjutant General, Military District, No. 11.

a

The Deputy Adjutant General, Headquarters, Ottawa.

## REPORT OF THE ARTILLERY OF THE PROVINCE OF ONTARIO.

e de la composición d La composición de la c	Kingston Ontario, 1874.
in secondance w	he hopor to inform you that ith instructions received, I lowing Batteries of Artillery
in this Province,	viz:
Hamilton Fiel	d Battery
Welland Cana	d Battery based or son all
Ottawa	11 5 CORTANT CONTRACT
Kingston	😝 (* ) #
Durham	46 March 4 Garage
Wellington	11 · · · · · · · · · · · · · · · · · ·
Gananoque	
London	<ul> <li>44</li> <li>54</li> <li>5</li></ul>
Toronto	A THE STATE OF A STATE
Napance Gar	rison Battery
Toronto	66 . 11 Mar
Cobourg	a s <b>u i</b> ng terus ata
	had special referance to the

beg to recommend that he be again employ. actual efficiency of the batteries, their nu

## MAT 25, 1875.]

merical strength of men and horses appearmerical strength of them and horses appear-ing in the returns sent in by the Deputy Adjutant Generals of Districts, whose inspect tion was simultaneous, or within a day or so of mine.

of mine. With this end in view, after a minute in specifon of men, horses, harnessing, &c., each Field Battery was called upon to march past at a walk and trot, and to perform a few simple field manoauvres under its own officers.

The non commissioned officers and men were then examined individually and collec-tively in gun drill and a knowledge of am. munition, and the driving tested in limbering up and coming into action.

I regret not having had an opportunity of inspecting the batteries at their annual gun practice, and my report is necessrily deficient in this respect.

The only opportunity I had, viz: in the case of the London Field Battery at Port Stanley, was frustrated by unavoidable cir cumstances.

The Toronto Field Battery whom I had also hoped to have inspected at this exer cise, performed their practice before going cise, performed their practice before going into camp, a custom which I hope will in future be discontinued, having in view the number of recruits to whom for want of sufficient preliminary drill such practice must be almost worthless.

I have now the honor to sumbit the fol lowing detailed report on the several batteries above mentioned :--

## Hamilton Field Battery.

Inspected at Niagara Camp, 27th June, 1874, Captain Smith and Lieut. MaMahon, 1874, Captain Smith and Lory good order, Guns and carriages kept in very good order, but latter require painting. Horses very good. Harness iron work rather rusty, with good, harness from work rather rusty, with a good many straps deficient, principally side rains. Driving generally very good, but the drivers required instruction in fitting harness, and in many cases were unable to work their horses on the trit. The marching past and field manœuvres

under Captain Smith were very well execut ed.

The non commissioned officers and men appear to have been carefully instructed. and are well up in gun drill but are some what deficient in knowledge of ammunition. On the whole the present efficient state of this battery reflects great credit on its com-manding officer, and it is to be hoped that his efforts may scon be seconded by proper ly qualified officers.

### Welland Canal Field Ballery and

Inspected in Ningaina Camp, 27th June, 1874, Lieutenants King and McCracken. Guns and carriages in good condition ; re-quired repainting and slight repairs. Horses a good many appeared to be too small for their work, but as they had two days before inspection performed the arduous task of marching 26 miles to camp on the hot day without any casualties, exception can hardly be taken in this particular.

Harness-not so clean as it might have been, with several defciences.

This battery has not drilled since 1872 and there were a large number of recruits in the ranks and among the drivers, in com-sequence the gun drill was hadly performed, and very little could be done in field mance. uvring.

Marching past was, however, very well performed, and 1 have great hopes that with the increased facility for drilling afforded by a drill shed about to be built for this battery at Port Robinson, their turnout next year will leave little to be desired, as the greatest zeal appears to animate all ranks, and both officers are well up in their duties.

## Ottawa Field Battery,

Inspected at Cump, Ottawa, 30th June, 1874, Captain Stewart, Lieuts. Billings and Savage, Guns and carriages in good condition, but require repairs and painting. Horses very good. Harness clean and well fitted, and in consequence the battery looked very well on parade. Driving good. Marching past and field manceuvres under Captain Stewart very well performed, but the subaltern officers and sergeants did not appear to know their positions or duties.

The non commissioned officers and men were well up in gun drill, but deficient in a knowledge of ammunition.

It would appear greatly conducive to the efficiency of this battery, were promotion among its non commissioned officers to be regulated by efficiency and not altogether by seniority.

## Kingeton Field Battery.

Inspected at Camp, Kingston, lat July, 1874, Maja Kirkpatrick, Captains Graham and Wilmon. Guns and carriages in good condition, but require paintaing. Horses with a few exceptions very good. Harness not so clean as it sught to have been, with not so clean as it ought to have been, with several deficiencies. Marching past and field manœuvres were well executed, and the non commissioned officers and men were well up in gun drill. This battery had the advantage of a Ser-

geant Instructor from the School of Gunnery, and a number of the men had been attached to "A" Battery, but I noticed the battery subaltern officers and sergeants ap-peared to be unable to instruct their men, and in consequence the latter appeared at a disadvantage.

#### Durham Field Battery. toniti

Inspected at Comp, Cobourg, July 2nd 1874, Captain Graham and Lieut. McLeand This battery had only just received its equipment. Guns and carriages require repairs and paintainy. They have no ammunition wagons, and the equipment was very defi-cient. The horses were very good. The cient. barness w .- new and well fitted.

Considering it was their first appearance with gur - I horses, this battery presented ble appearance on parade. a very c ems to have exerted them-

All rai utmost, and in consequence selves to the drivi gei / efficiantly performed an 00 1.1.1 00 A

ess has been made in gun drill Geat which is ... hoped all be perfected dur-

Both athers have received Gunnery School Cortificates and are competent to instruct. A Sergeant Instructor from the School of Gunnery was attached to this battery during the drilled? Animetry will collable and animetry will collable add arts

## Wellington Field Battery.

Inspect-1 at Camp Guelph, 3rd July, 1874. Ceptain Micdonald, Lieutenants Nicholl and McRae. G ins and carriages in good condition. Harness nearly all new an i well fitted. Horses with one or two exceptions very good.

Marching past and field manceuvres under Captain Macdon ald and the subaltern officers, very well performed. Non com-missioned officers and men very well up in

gun drill. Two of the officers and nearly all the non commission d officers, have obtained Gunnery School Certificates, and are able to instruct their men, so that, as might be expected, this battery is in a very efficient state.

I noticed, however, as in all the other batteries, a want of knowledge among the gunners of the ammunition and stores they are required to use; and it is to be regretted that this battery was not afforded any op-portunity of performing its annual, pracice.

There appears to be no proper gun sheds, where the equipment can be kept, or an op-portunity s. Torded for the instruction of the men during winter months.

#### Gananoque Field Battery. d Grad of within

Inspected at Camp, Gananoque, 11th Sep-tember, 1874, Captain McKenzie, Lieuts, Mitchell, Britton and McCammon. The Mitchell, Britton and McCammon. The first time this battery has turned out with guns, having received the latter from Ottawa Field Battery, but without wagons. Gun carriages require paintaing and repairs, and the equipment is very deficient. Harness new and generally well fitted, but was not so clean as it ought to have been. Horses rather undersized, but apparently solive and fit for work: Marching past well ez-ecuted, and considerable progress has been made in field manceuves. Gun drill well performed, and both officers and men ap-peared to have paid much attention to this particular. Captain McKensie and Lien-tenant Britton, have obtained Gunnery Certificates, and are competent to in-struct.

It is to be hoped that this battery will continue to improve its efficiency by occasi-onal drills during the winter months, and I should reccommend that next year it should join a brigade camp for annual drill.

join a brigade camp for annual drift. A Sergeant Instructor and two drivers were attached to this battery from the School of Gunnery, and contributed much to its efficiency by their instruction.

## London Field Battery.

117-6

Inspected at Camp, Port Stanley, 18th September, 1874, Lient, Colonel Shanty, Lieuts. Peters and Williams. Guns and carriages and equipment in good condition, but the latter is deficient in some particur lars. Horses very good. Harness in good condition, but deficient of side teins, and no curb bits are used ; harness well fitted Field mancurves under Lieuts. Peters and curb bits are used ; harness well fitted." Field manœuvres under Lieuts. Peters and to Williams, fairly well performed sometideing the nature of the ground which was limited as in extent. Gun drill good, both new sometide missioned officers and men appearing toda understand their duties. The subaltern officers are able to instruct a their men. This battery inarched from Camp London, the day before Inspection, 33 miles, for the purpose of performing their annual gun a practice at Port Stanley.

purpose of performing their boltometer practice at Port Stanley. boltometer i would hope that a similar opportunity may be afforded to all the Field Baterice is in this Province, as the value of such proba-tical training is indisputable.

# Toronto Field Battery, Job

Toronto Field Battery. Inspected at Camp Holland, Landing Stref October, 1874. Captain Gray, Lisutenants, Denison, Wright, and Green, the state book Guns, carriages, and equipments in good condition. Horses generally pndersized and not server good, owing to the time of year reported to be unfavorable, for ablaining good horses, latter being much required for farm-ing work.

ing work. Harness very clean and buight considering incessant wet woather while in same, and generally well fitted, but po bits or side reins were used.

3:11

churt be

VS. Walt

THE ! !

- HLAD

di osia

e dest

1. TOLETA

Marching past and field manœuvres under Capt. Gray and subaltern officers very good,

but the driving was indiffernt. Non commissioned officers and men effi-cient in gun drill with a good knowledge of emmunition.

Officers and non commissioned officers able to instruct their men.

The Battery marched to camp from Tor-onto, 38 miles, in about 14 hours, with a halt of two hours, and returned in about the same time.

I have been informed that no injury to the horses or casualty occurred, but the distance seems excessive for untrained horses with strange and perhaps ill fitting harness.

### Napanee Garrison Battery.

Inspected at Napanee, 12th September, Captain Hooper, Lieuts. Henery and 1874. Abar

This battery is composed of men of good physique and well uniformed. I inspected them in the manual exercise

which was well performed ; the firing exercise not so good ; company drill indifferent.

The non commissioned officers and men were fairly up in gun drill, but owing to their having only one 32 pound gun on a standing carriage with a few handspikes and no equip ment of drill stores or means of mounting and dismounting, no extended drills could

be carried on, and there was little know-ledge shown of ammunition. Had this battery performed its annual drill in barracks at Kington, with the advan tage of drill stores and instructors, and a sibility of actual gun practice, a different nd much more satisfactory result might be looked for, and I would strongly recommend that such may be arranged for next year.

The officers were able to instruct in gun drill.

#### Toronto Garrison Battery.

Inspected at Toronto, 9th October, 1874.

Captain Gibson. This battery paraded without arms so that I was unable to inspect them in manual and firing exercis

ey had not been instructed in company drill and their squad drill was very indiffer-

At standing gun drill, however, the bat-tery appeared very efficient, and the non commissioned officers were able to instruct eir men.

Owing principally to the want of actual gun prectice, there sppeared to be little knowledge of ammunition or stores, and for want of proper material no instruction in mounting or dismounting ordnance, or in fact, in anyting but gun drill had been attemp ted

As in the case of the Napanee Battery I should recommend that this battery perform its annual drill in barracks, either in King ston or in Toronto.

## Cobourg Garrison Battery.

Inspected at Cobourg, 20th November, 1874, Captain Dumble. Appearance of bat-tery on parade very good, uniforms being in

good order and men of good physique. Manual exercise very good ; firing exer indifferent; no opportunity of seeing the battery at company or squad drill, wea ther being unfavorable

Standing gun drill very good. The Ser-gennts are able to instruct ; no knowledge of ammunition or stores.

Like the other Garrison Batteries, no means of learning any other drills (except mortar drill) or of performing annual prac-tice, recommendations as to annual drill the

same as far the Napanee and Toronto Batteries.

## CONCLUDING REMARKS. Practice.

The general deficiency previously noted in knowledge of ammunition and stores can hardly be overcome by instruction during the limited time allowed for the annual training when both officers and men have other and more pressing duties to perform. Such kr.owledge is only to be acquired by

careful trainining supplemented by deliber ate and systematic target practice.

This very important part of the annual training of Batteries of Artillery does not seem to have had proper attention paid to it, and I am not aware of any orders, excep ing those for annual drill of 1872-73, relating to the proper number of rounds to be fired, nor of any rules regarding the time of such expenditure.

I would strongly recommend that three days at least at the conclusion of the ordinary drill be set apart for gun practice, ex-clusive of the time required to march to and from the practice ground.

I trust that next year this subject may receive increased attention, for it must be borne in mind that excellence in this particular, joined with capability of movement is the only true criterion of efficiency.

## Clothing.

The clothing has generally appeared to be complete and in good order, but I would strongly urge the issue of one pair of cloth trousers with straps, or of booted overalls, to each driver and mounted non commissioned officer. The present issue of serge trousers without straps being quite unsuited to mounted duties. In many batteries I noticed drivers without either whip or spurs. The latter do not appear to be issued by Government. They are very essential and I would strongly recommend their issue.

## Painting, Repairs, &c.

I should recommend immediate steps being taken for the repairing of carriages, &c., of such batteries as may require it, for the execution of necessary repairs, and for the completion of the proper equipment of small stores, &c.

## Harnessing, Driving, &c.

Careful instruction seems to be much needed in the minor details of harnessing, driving, riding, &c. These, though very es sential, are apt to be overlooked, and I can only propose as a remedy for these and other similar defects, that greater induce-ments be held out to officers and non commissioned officers to attend the School of Gunnery, where, alone, such details can receive the attention they require. The isuse of pay according to rank while at the School of Gunnery, would, I think, te greatly conducive towards the desired result.

## Garrison Batteries.

From my inspection of the three Garrison Batteries, previously mentioned. I am quite able to concur in the opinion expressed by Lieut. Col. French in his last report, as to the expediency of bringing all garrison bat teries into forts for proper instruction in artillery exercises and for discipline.

Should, however, that not be found practicable, the efficiency of these batteries would be greatly increased by issuing to would be greatly increased by issuing to each of them two 18 pounder siege guns on travelling carriages. They could then join a Brigade Camp and perform annual gun practice.

In concluding my report on the inspection of the above mentioned batteries, I have the honor to inform you that, from what I have observed, I am led to thoroughly endorse the the recommendations made by Lieut. Col. French in his last report, pages 38 and 39, Annual Report for 1873, relative to this subject.

I would also beg to state my unqualified satisfaction with the general appearance and efficiency of these batteries, and with the zeal and esprit de corps, which appears to animate all ranks, leading them to great exertions in endeavoring to perfect themselves in their sometimes arduous duties.

I have the honor to be, Sir,

Your obedient servant.

D. T. IRWIN. Major, Com. School of Gunnery, VI BOR & Asst. Insp. of Art'y & Asst. Insp. or Art y

The Deputy Adjutant General, Headquarters, Ottawa.

Cable Iron.

• (To be Continued.)

The efforts just now in Congress to abolish the Washington Navy-yard are calling forth all that can be said pro and con in regard to it. Without desiring to go into a gen a eral discussion of all the important reast sons why it should be continued and its operations enlarged by appropriations, there sre some facts which are not generally known, either to members of Congress or to citizens of Washington, which, in a national point of view as well as a local interest, should be laid before the readers of the *Republica* i in a just light. Chief among the considerations of a national interest, and which are destined to accomplished very which are destined to accomplished important results in the Navy Departme a series of experiments now being made are under the superintendence of Commander Beardslee involving the strength and durability of iron. These experiments are thoroughly practical, the results of years of study into the nature and uses of iron in the Navy, and have been rendered neces sary, in the opinion of Commander Beardslee, from the existence of certain serious defects in the laws and practices of the De-partment, among which is the practice of purchasing iron under contracts awarded to the lowest bidder.

These contracts allow a great deal of in-ferior iron to be supplied, and the test made use of for ascertaining the strength of the material fail to prevent the use of these inferior qualities of iron. Commander p Beardslee has succeeded in combining scrapiron, old boiler plate and other compara tively worthless material by a process of his own so as to produce iron of the very best quality. He has succeeded, also, in improving the quality of inferior iron, and reducing the various qualities to a uniform strength. He has invented several useful experiments for testing the strength of iron. In conducting these experiments and tests he has practiced mostly upon chain cable, as in cable the greatest and most uniform strength is required.

The standard adopted throughout the world as the strength of chain cables is the so called British Admiralty breaking strain, being a steady, uniform strain in the direction of the fibres of the metal. The test is found to be defective, Experience proves that an iron that will stand this severe strain without breaking-when subjected to sudden shocks breaks readily. It is also shown

by experience that it is these sudden shocks, by experience that it is these sudden shocks, such as that produced in paying out and hauling in cables, and the pitching of the vessels when at anchor, and the shaking of bridges of iron, and especially the shock to guns in the repeated discharges, which breaks it. Commander Beardslee's experiments are directed more especially to the ments are directed more especially to the producing a quality of iron which will resist these shock tests. To accomplish this, he has invented and is using a very simple and accurate machine. Some of the results of his experiments are as follows:

A cable constructed of one and a half inch A cable constructed of one and a narrinon iron sustains the British Admiralty breaking strain of 135,000 pounds. A link made of this improved iron withstands a strain of 160,000 pounds. For a cable of two inch iron the British Admiralty test is 257,000 pounds. A link of this iron was carried to a strain of 266,000 pounds, breaking the machine, with no apparent effect upon the iron. The experiments with the machine for the shock tests are remarkable. This machine shock tests are remarkable. This machine is something like a pile driver, rising a weight of 90 pounds to a height indicated by a scale of feet, and letting it fall upon by a scale of reet, and letting it tail upon the bar of iron. Some of these tests as wit-nessed are as follows: A bar of two and three sixteenths inches of iron, such as has been furnished and used under a contract for cable, broke short off with one five feet blew of this machine. Another bar received a blow of three feet fall, with no sign of in jury. A second blow of three feet broke it like glass.

This same iron after going through this new process of mixing and subject to the shock test was as follows: A 2 inch ber stood four 30 foot blows; another bar, sime diameter, broke off at the fifth 30 foot blow.

The extremes shown are from one 5 foot blow to five 30 foot blows upon the same diameter of iron. This new process can be made to show greater success than this, even to withstanding eight or ten 30 foot blews, but this quality would require so much labor in making as to render it too expensive for use.

The effects of these experiments are to produce iron from compartively worthless metal of a good quality and as cheap as the best; and being much stronger than ordinary iron, great reduction can be made in the weight of armament and other uses for

which iron is applied. An item of local interest, in this connec tion is that under the operations of Com-mander Beardshee, and by his system of employing mechanics, he is making four fathoms of cable per day at each forge, at a cost of labor of \$3 per fathom, whereas, under the old system of labor, making two and a half fathomas per day cost \$4.80 per fathom. This officer asserts that if suitable appropriations be made he can employ large numbers of men now out of employment, returning to the Government a dollar's worth of work for every dollar thus paid out, and can manufacture cables and other materials of this improved iron at rates far below those now paid for such material, thus saving expense to the Government and supply ing work and means of subsistence to many families now destitute and suffering .-- Washington Republican.

A Herald cable despatch from London says a box containing valuable property, marked E. Hooke, belonging to Mrs. Sophie Hooke, of Williamsburg, has been recovered from the wreck of the *Schiller* and landed safely near the scene of the disaster.

## Woolwich Arsenal.

Forty 38 ton guns, completed or in progress, and fifteen 35 ton "Woolwich Infants, epresent the total of the large guns, which have been ordered to be manufactured at the Royal Gun Factories in the Royal Arsen-Woolwich, since the introduction of muzal. sle loading ordnance on the new system; but a greater number of 18 and 25 ton guns little less powerful than those of the maximum size, have been made, and are now in the Service; while reckoning all the guns, large and small, which have been finished on this plan, the total comes up to something like 5500. One of the first four 35 ton guns sent away from the Royal Arsenal for service afloat has just been returned, having been landed at the wharf on Thursday afternoon, January 28, from the War Department steam transport Lord Panmure, Captain Spriddle, which brought the gun from Portsmouth. The four guns in question were sent to that port for the armament of Her Majesty's tur ret ship Thunderer, but have never been put on board, the advantage of the 3ft. in length added to the 35 ton guns having been fully recognised, and one of the turrets of this ironclad, which were originally constructed, like the Devastation, for the 35ton (the short) guns, has consequently been altered in order to enable her to take the 38 ton or long guns. The Thunderer is, therefore, to be armed with ten 38 ton guns and two 35 ton guns, and one of the latter has been sent back to Woolwich to be used, probably, for land service. The total length of the 38 ton gun is about 19ft., the calibre is 12ft 5in. The 35 ton gun, with a charge of 1101b, of powder, is capable of imparting to a projectile weigh-ing 7001b. a volocity of 1300ft, a second ; whereas the 38 ton gun, with 130lb. of pow-der, imparts to a 800lb. projectile a velocity of 1400ft. a second, with less strain upon the or 1400tt. a second, with less strain upon the gun. The increase of 3ft. in the length of the gun is a gain of about sixty per cent. in initial velocity, with an increased penetra tion power, whereby the long gun is almost as powerful at 500 yards' distance as the short gun is the moment the shot leaves the muzzle. The only 35 ton infants actually afloat are the four which constitute the arms ment of Her Majesty's armour plated turret ship Devastation, Captain F. W. Richards, at Portsmouth, but at the present time there are some fifty others of 35 and 38 tons avail-

are some fifty others of 35 and 38 tons avail-able for use whenever required. There has just been cast and finished in the Dial Square of the arsenal, an immense iron screw pile—the largest, it is believed, that has ever been manufactured. It is in-tended to form the main foundation of the 40 ton crane about to be erected upon the new iron pier opposite the Royal Gun Factories Department in the Royal Arsenal, and its lower end, which is provided with a screw or thread in order that it may bore its way into the bed of the river, is 91t, across. The whole of the pier will rest on piles of this description, but of smaller dimensions,

A decree has been promulgated declaring the electorial period opened. During the time prescribed the press is free to discuss all constitutional questions except that of the monarchy, and public meetings of a political character may be held. The decree concludes by expressing the hopes of the Government for the re-establishment of a representative regime, without which there can be nothing but anarchy.

## REVIEWS.

THE CHORISTER .- This Canadian Musical Monthly is a great success. No. 6 lies on our table full of good secular Chorus Music. The contents being the Temperance Chorus "Sign to night," "The song of the Bells" and the Workman's Chorus, "The Six No. 6 lies on o'clock P.M." Send 5c. for sample copy to C. H. Ashdown, Amherstburg,

We received on Friday, 21st inst, through Messrs Durie & Son, the Leonard Scott Co's reprint of the London Quarterly for April. We have only room for the contents :--Article 1. Macready's Reminiscences. 2. Indian Missions. 3. Lord Shelbourne-First Marquess of Landsdowne. 4. National Education in the United States. 5. Dr Newman, Cardinal Manning, and Monsignor Capel. 6. Last Journals of David Living-stone. 7. The Statue of Memmon. 8 The Transition from Medieval to Modern Poli; tics. 9. England and Russia in the East. tics. 9. England and Russia in the Ea

We have also received the Science of Health for June, published by G.S.R. Wells & Co., 737 Broadway, N. Y. This number closes the sixth Volume and contains many closes the sixth Volume and contains many excellent articles as Temperature Affecting Health; What I Know of Doctoring; The Irrepressible Conflict; Babyhood Experi-ence; A Victim of Quininism; Prayer as a Remedial Agent; Popular Physiology, with illustrations; Treatment of Sick People; True Courage; Faith in Curative Elements. In "Household Department" we have all about I ease and Hew to Use Them, with Recipes. Preserving Flowers: Caring for about I ease and How to Use Them, with Recipes, Preserving Flowers; Caring for Lamps ; A Summer Drink ; etc. ; In Memo<sup>\*</sup> riam, containing a brief Sketch of the Life and Labors of the Late S.R. Wells, besides a great amount of short popular paragraphs in Answers to Correspondents, etc.

A telegram from San Francisco, May the 17th, says :- Mail advices from China re-port that a collision occurred on the 4th April off the coast of China, between the Chinese ship Fu Sing and the British steam-ship Ocean. The Fu Sing foundered almost instantly, causing the loss of fifty lives. The Ocean was seriously injured, but succeeded in reaching Wu Sing. An investigation of the case is proceeding. The Barlin Post asserts that the new telev

The Berlin Post asserts that the new trial of Count Von Arnim will begin June 15th.

THE GRASSHOPPER PLAGUE .--- A Chicago report says despatches received at that point from points west say that the grasshoppers are moving east. They have crossed the Missouri River into Missouri and are destroying every green thing in their way. They have already laid waste ten thousand square miles in Missouri and are coming to Illinois sweeping all before them.

Burrish Columbia,-On the 26th ult the Legislature of British Columbia passed, by a unanimous vote, a Bill to disqualify Indians and Chinese as voters. It provides that the names of no Indians or Chinese shall be placed upon the voters' list, under a penalty of \$50 and imprisonment for each offence, and that all such names now found upon registers or lists shall be struck off.

CONTENTS OF No. 20, VOL. 1X.	
POETEY :-	
Lenore	238
EDIT HETAL :- 1. MO.	
The fine of Steamers. The Military Aspect of the Channel Tunnel, News of the Week.	203
CORRESPONDENCE:-	
X Rocket	
Sabreur	240
SELECTIONS : -	
Annual Report on the State of the Militla. The Military Aspect of the Channel Tunne'. The Intelligence Duties of the Staff Abroad	203
and at Home.	
MILITIA GENERAL ORDERS	236
REMITTANCES.	240
BEVIEWS. A. L.	241
lacurit to rapport the	
A A WALK	



"Umbribed, unbought, our swords we draw, " Toguard the Monarch, fence the Law."

OTTAWA, TUESDAY, MAY 26, 1875.

ToConnesson DENTS-Letters addressed to either the Editor or Publisher, as well as Communica-tions intended for publication, must, invariably, be pre-paid: Correspondents will also bear in tions 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 stwo or five cent stamp(ac-cording to the weight of the communication) placed thereon will pay the postage.

LIGUT. J. B. VINTER, of Victoria, and Captain H. V. EDMONDS of New Westminster, are our authorized Agents for British Columbia.

The gillant seaman that said "there is many a "clear head under a tarpaulin hat" was a practical philosopher and pointed out the obvious truth, that in every profession the man scrively engaged in practical duties may be safely depended on to find means to bridge over the lacung of theory. In no case is this principle more prominently displayed than in the attempted solutions which have been offered of the great problem, "The which Babrganisation of the Military and Naval forces of Great Britain" presents, and it is chiefly to the subaltern class in both Army and Navy the really valuable ideas on this most important of all social questions are to be assigned. The writer of the "True Reformer," which appeared in the pages of Blackwood two years ago may have satirically ascribed ideas and theories to a comparatively young Captain of Artillery, far beyond what could be expected from his experience or opportunities, and the very complications of the system he advocates proves that the author himself. had only grasped the question from a purely professional point of view without any reference to those great principles which must govern the future development of the Militay and Naval organisation of the British lines of communication during war"-the Military Districts is pointed out long before

Empire, which, at home as well as abroad, in England as in her dependencies, must be based on the social condition. of the people, and not on abstract theories borrowed or outcropping from absolute principles which might be applicable to the last century-the traditions of which closed for ever in the field of Waterloo. Nor is the phenomena in this case abnormal-men brought up in a school which trained the path of duty be tween cast iron lines could not be supposed to trouble themselves with what was generally known in both services as idle and unprofitable speculations. which were rather discouraged because they might make the holder a troublesome man-would not be likely to study closely the elements of social and political economy which this vast question involved before laying the only tangible thing to the average Military or Naval mind -a perfect machine-the principles of construction not being by any means well understood; nor even the materials of which it was to be composed-the whole of their duties being comprised in the working of it.

The revolution in war material consequantly found those people at ses without rudder, compass or motive power, and with. out the energy or practical ability to invent or devise substitutes. As exceptions to all general rules only prove their accuracy, so it is in this case, and from an officer of lover rank who cannot properly be said to belong definitely to either service, we have the best devised plans for Military and Naval organisation yet offered.

In a previous number we referred to the receipt of a pamphlet entitled, "Three Smouldering Questions"-by Captain J. C. R. COLOBB (late) Royal Marine Artillery. The questions treated of are "Naval Organi sation, Millitary Organisation, and Colonial Defences." The latter, which covers the whole ground of the true military strategy of the defence of the British Empire, and in that respect stands alone a model of practical skill and scientific deductions, has been republished in the eighth volume of the VOLUNTERR REVIEW as much for its statesmanlike presence as for its professional value. The two former we shall therefore endeavour to give our readers an idea of only, because they do not interest the ma jority in as great a degree as the main or general question of defence, and are purely and locally British in character.

In considering the principles of Naval Organisation Captain COLOMB lays down the general principle that-Organisation is subservient to distribution, and then proceeds to show that all operations undertaken by an insular power like Great Britain must, as regards strategy be Navy as well as Military, and that their success must depend on the properdistribution of both forces before actual hostilities. The whole duty of the Navy is summarised in the holding "of the Channel -the Mediterranean, and to guard the long

latter being laid down in full detail in the article on Colonial Defence. . The great line of Naval operations to be represented by our passing from the United Kingdom via the Mediterranean to Bombay-which may be called the strategetic base for all defensive, as well as offensive purposes.

The great Imperial strategetic points are Gibraltar, Malta, Aden, Bombay, on the main line-Sierra Leone, Ascension, St. Helena, a post at the Cape, the Mauritius. Singapore, Hong Kong, the Falkland Islande and Sydney, Bermuda, Antigua, and Jamaica. DATESTER

Those points to be Naval stations, stratges tic harbours, fortified and garrisoned, and that each of those "stations should have a distinct constitution and independent existance under its Naval Commander. of The organisation of the Naval forces as proposed by Captain Coloms would be certain to insure efficiency-his plan is to make all seamen effectives-to create out of the Royal Marine Corps a corps of Naval Artificers for service affoat or ashore, and to absorb the Royal Marine Artillery in the scamen gunnere of the feet. There would thus be in the Navel Service-seamen, including gunners stokers, engine drivers, engineers, and the other skilled labourers which steam power requires- Marine soldiers as artificers, butchers, bakers, tailors, shoemakers, carpenters, masons, blacksmiths, &c., and the duties of each organisation being defined a greater id degree of efficiency could be attained while an obvious detail arrangement would considerably ang nent the force of gunners each vessel would carry by training the artificers as Artillerymen The principle is also laid. down that there should be as some con. venient place in each Naval Division a dockyard with the necessary appliances for repairs &c., and that the Navy should be kept in such a state of preparation at all the stations during peace as to require merely the reinforcements necessary to put its main power to fighting strength to fit it for wa

The main features of the scheme for mili tary organisation consists in the division or the forces into Field and Garrison armiesthe augmentation of the Artillery corps generally, and the expansion of the scientific out corps specifically-much valuable informations tion as to the time necessary to train special arms-Cavalry and Artillery is given as well as the physical relations gur raing the time individuals would be able to render efficient service in either-which is for Cavalry fourteen years; Artillery eighteen years; Engineers and Infantry twelny one years. It will require one year to train a good Caralry soldier; two years at least for Artillery service; seven years for the rank and the of the Engineers; and six months for Infantry.

It is not necessary to enter into details of the distribution of the forces in England, it is a local question; but in this admirable memoir the system of local Brigide and

## THE VOLUNTEER REVIEW.

## MAT 25, 1875.]

Mr. CARDWELL with reprehensible egotism | minstion of the right of insurrection as repirated the leading ideas of a system he did not understand, and gave the world a speci men of Reorganisation conspicious for the absence of all the qualities which the name suggests. In dealing with the question of invasion Captain COLOMB ascertains the prob: able force that it might be possible to land in England at about 100,000 men, and shows how this force could be met successfully by s "field force" which is estimated to be maintained at a strength of 240,000 men. exclusive of the Garrison Army, which he says should be composed of Militia and the Veterans of the regular army, but he does not state how the whole force is to be raised.

In truth, this question is one that has cropped up since those admirable lectures were written, and it is not to be wondered at that with all his professional talent, and statesmanlike prescience he did not grasp a development of the future which the heroic blundering of the Whig Radical Secretary at war, and the sensational mischievous legislation of his colleagues forced into immature existence. The principle of uni. versal Milliary service as a duty every man owes the State undulies the whole problem of the machinery of the Army organisation, in a far greater degree than it can affect the Navy-every man physically capable of handling a rifle can be made available in defensive warfare, while a seaman must not only be in the prime of life, but also have a special natural aptitude for service on a foreign element, and under conditions wholly different to that of the soldier ; this fact has been most ably brought out by Captain Coloms, who has contributed to the military literature of the day the ablest treatise on strategy and organisation yet 

In any other country than Great Britain the peculiar abilities of that gallant officer would have been appreciated, but one of the peculiarities of Representative Institutions is to put the right man in the wrong place.

#### 

MONDAY, 19th April, marked the termina+ tion of one vhundred years since the first blood was shed in the quartel which ended in the Independence of the British Provinces of North America, and the creation of a new nationality on this Continent, bet and sid area

Our contemporary the United States Army and Navy Journal, of 17th April, has a very truthful and sensible article on the so called Battle of Lexington, which we copy below, and in which sit is dealt with as a military operation should be. Its political aspects are, however, different-as it marks sharply the commencement of the era of democratic as opposed to Monarchical Institutions despotic and constitutional, and the enforcement of "the right of armed insurrection." As the first shot fired at Fort Sumter eighty seven years later defined the close of the era of experimental Republicanism, and the ter-

pugnant to all principles of social order and subversive of good Government at the hands of the descendants of those men who justi fied their acts by proclaiming it a natural law. to at it within

More fortunate than our ancestors, we can now calmly consider all the elements of this episode in the history of mankind with out party feeling or bitterness-weigh the relations of cause and effect, and illustrate scientific deductions by known facts.

Within the last twenty years our neighbours have contributed to clear away a great deal of the darkness which historical records written for partisian purposes has managed to involve the cause and effect of this move ment in ; and a recent notice that a life of General Burgoyns who surrendered a British Army at Saratoga ninety eight years ago (thus converting an insurrection into a natural movement) is about being published in Great Britain from original letters and documents will no doubt throw further light on this subject, although from his antecedents and the political faction he was allied to, little valuable information may be expected :

"A hundred years ago next Monday, at about five o clock in the morning, a very green company of Yankee Militia drawn up on a village greed, in front of the meeting house, undertook to oppose themselves to a column of British troops. In the course of about three minutes they received, a lessen on their temerity that induced them to disperse in the wildest confusion. .... Very few of them found the hearte to five back. and the two platoons at the head of the British column brushed them aside with as little difficulty as if they had been children. The only casu lies on the British side were, one man shot in the hand, enother in the leg, The officer in command of the English column (about eight hundred men) sent a few parties out through the village to shoot down the fugitives and bushwackers who remained, and twenty minutes later all was quiet.

has been since enlarged upon in the most grandiloquent terms by the survivors, and dignified by the title with survivors, and Such was the far famed incident which ignified by the title of the Battle of Lexington. As a battle, it was beneath con-tempt, and presented no feature for pride on the American side, the resistance being merely nominal. It was the results which merely nominal. fowed from that early dawn skirmish a hun dred years ago that have made it memor able, and the sequel of the day was as full of importance, moral and physical, as the opening was insignificant. The Lexington opening was insignificant. company of Militia seem to have come to gether with no very definite purpose of re ustance (judging from the accounts of the survivors, fifty years later); to have received no orders to fire from Captain Parker, whose exertions were confined to telling the men never to run,' and to have broken up with unanimity thereafter. It was after this easy success of the British column that the real trouble of the day began.

The English soldiers marched on past Lexington to Concord, Mass., a little village about eighteen miles from Boston, and there first encountered serious trouble. The op-position that had been brewing in the colonies for so long about stamp acts, enforce-ment acts, taxes, and the like, was founded

on one principle of essential justice, since recognized throughout the world, that o no taxation without representation." Th resolve of the colonists to resist arbitr acts seems to have been tempered with many fears, to have been governed by little system, and yet to have been very general, at all events in New England. The old Puritan blood showed out in an universal feeling of detestation for the British, e while the colonists still imagined the loyal subjects of King George III. Desp the balf-hearted resistance of the Lexing Militia, which gave the English officers impression that the feeling of the rabe could not be very deep, the village of Con cord showed that on the contrary it wis th more intense for being smothered so lon In Concord there were powder, bullets, non and provisions, accumulated there we some definite purpose by the Committee Public Salety, but which the Americans be to hide, the moment they heard of the proach of the British column sent to de the stores. The British marched in. con pied the town, destroyed two twenty-for pounders, the wheels and carriages of sever three and four pounders, three five fundre weight of balls into the river and wells, an stuve in airty barrels of four. A dete ment of a hundred men, sent to des Concord Bridge, met the first serious re & body of Provincial Militia anos. changed sho s with them across the on both sides. After doing an inconsidera amount of damage, the Kings's troops sta ed on their return to Boston at noon. Here it was that the real danger of t day began for the British, and that the real

day began for the britan, and. It was the important lesson was learned. It was the no body of troops short of an army oan safel move through a balf settled country, if th inhiabitants have ordinary courage, a determined to harrass them From the lo moment of leaving Concord, till the try reached Boston in the evening, the Am cans, without a leader, without organ troops, with no bond of unity but a com hatred of the foe, hung on their re bushwhacked' them without merey. out merey. Thi system of warfare, which is only an any ance to a large army, became extrem barrassing to the British detachment, more especially because in those days seem to have had no skirmishers, practice The only way to clear a country of such poments is to run out a skirmish line, a this the British seem never to have do By the time they had reached Herington these return, their ranks were thinned to amazing degree by this desultory fire fr behind trees and bedges. A reinforcem of a thousand men and two guns here them under Lord Percy, and saved th from worse, but on the return to Be same bushwacking system was continued of the brigade of 1,800 men that now confron ed the Americans. Again, the British, fro the accessible information, seam to has marched in the road in columns of plate without any well considered system of ski misners and flankers. What the result was is seen in the 'Butchers Bill,' of 65 killed Amil 180 wounded, and 28 prisoners; the American loss, including the dead from the morning conflicts, being 49 killed, only 36

wounded, and 5 prisoners. So ended the day of Lexington and Con-cord, whose Centennial will be celebrated on Monday, 19th April. The lesson was not lost on the British, who exposed no more that parties to being bushwhacked from that

During the whole period covered by the

## 248

war of Independence the British Ministry had to struggle against a violent and un scrupulous faction of which CHARLES JAMES Fox and EDWARD BURKE were the shining lights — men who did not scruple to betray their country in the least for power and to sacrifice her best interests to their ambition. No country within the scope of history has been so unfortunate in raising domestic traitors as Great Britain. In the third and fourth volumes of the VOLENTEER REVIEW our readers will find the military history of "the revolt of the British American Colonies."

WE have to thank the courtesy of the author of the essay on "The Canadian Militia," by Captain R. J. WISESTERD, for a very well got up pamphlet of 140 pages, which displays a large amount of historical research and considerable attention to a subject which has been distinguished above all others by the number as well as variety of literary, scientific and theoretical speculations it has elicited, and of which it may truly be said that in no case have the critics so fully succeeded "in darkening counsel by the multitude of word," for it has furnished a fruitful theme to-the military theorist, the aspiring lawyer, the speculative engineer, the learned professor, the practical medico, the village schoolmaster, the amateur militia soldier, the green grocer, the newspaper "Jefferson Brick," and if we do not mistake the military tailor. As far as mere theoretical formula goes no subject has been so thoroughly illustrate 1-the very pamphlets alone would make no inconsiderable library, and some hundreds of years hence it may furnish military critics of the coming race matters for speculation about as profitable and useful as those of the labours of the celebrated Tubinger School.

The principle value of the latest producion of the school of military theorists is the historical data it furnishes relative to the changes in the militia laws of Canada, and in this respect it is more remarkable for important omissions, as the period before the Union of the Provinces in 1841 is passed over in silence, yet it embraced all the great events which have made the military history of Ganada so brilliant an episode in that of the Empire, and that to which Canadians of the present day should look with pardonable pride as an example and incentive. The militie law which carried the country over eighty-one years (from 1760 to 1841), which enabled, GUY CARLETON to clear Canada of Yankee rebels, whom the imbecility of the officers of the regular service allowed to get a footing at Montreal and Three Rivers, and seriously to threaten Quebec; and thirty six years later had sufficient vital force to repair the errors of General Sir GEO. PREVOST, defend Canada and bring her triumphantly through the war of 1812 15 deserved, in what assumes to be an exhaustive estay on the Canadian Militia Organisation, sufficient

illustration to show its excellences and de fects-especially as the existing law is principally founded thereon. The essay is divided into seventeen chapters, of which the first seems to be the most important, for it assumes that "inquiry is to our conditions for defence is necessary"-that the public feel. ing in Canada is favorable to a full develop ment of our militia system-that a reorgani sation is necessary-that "militia questions should be independent of politics''-that the United States is our only possible enemy, and that the results of a war between Eng land and that power need be "no cause for discouragement." Upon the premises thus set forth the Essayist treats his readers to the philosophy of Government and military organisation, all of which are built on the first assumption, that "enquiry into our condition of defence" is necessary-a proposition we totally deny for the simple reason that no enquiry could elicit more clearly the facts connected therewith than the yearly "Reports on the State of the Militta," and those documents are open to the public at large, and we would suggest that the District Staff Officers were at least reliable authorities on Militia affairs, and those reports show no particular reason for enquiry nto the state of our condition for defence.

The principle reason given for confidence in the event of hostilities with our neighbors on the assumed certainty that such a course would lead to disentegration, that a large proportion of the people of the United States would be with us, and that we should have only to deal with the Eastern States.

Whatever cause of discontent may be found amongst our neighbors appears to be confined to the Southern States : in the event of war a diversion in that direction would be useful, but the people are without resources and the assistance they could render would be insignificant. There is no greater appearance of disintegration amongst our neighbors than amongst ourselves—they don't talk as often as some of our people do about change of allegiance, and they are not in the habit of proposing organic constitutional changes periodically.

The Swiss Military system is that proposed by the Essayist as a model—for as a matter of course the military *improver* can in no case descend to utilise any institution of native growth. Our readers are conversant with the main details thereof, and its effects on the prosperity of the community is given in the Edinburgh Review, for January, in an essay on the condition of "The Agricultural Labourers of England;" at page 69 the following paragraph will be found :

"It is hardly possible to exaggerate the inconvenience and actual pecuniary loss occasioned by enforced absence, even for a brief period, from ordinary occupations. Even in Switzerland where the period of drill is very short, it is nevertheless grievously complained of. Every man has to provide his own kit at a cost of at least

thirty shillings; but as during the period of service the pay of the soldier (exclusive of rations) amounts only to 5d (five pence) a day—the pecuniary sacrifice is far greater, and in some cases so severe that the communes are obliged to grant additional pay to their members."

Now, as the proposition is to imitate the example of which the above is a very meagre description of the effects produced, we can hardly see what object was to be gained by putting it befere the people of Canada, as it is utterly impracticable here, and it would produce far more loss to the financial interests of the country than any sum we could possibly lay out on the present system. Amongst many other objections the Essayist makes against the present state of the militia are insubordination and indiscipline ; the former is not generally known to exist, and the latter is merely relative. However, he proposes to remedy this by more stringent legal provisions, and by assembling 100,000 men for two days drill, and seventy five thousand for one day per annum; the cost of arms, targets and military clothing being in each case nothing. This wonderful feat is to be coincident with the separation of militia questions from politics, although it is the very agent of social cohesion and political efficiency. However, the cry that the officers are appointed by political influence is one that Captain WICESTEED endorses, and it is one of those popular delusions that take a fast hold on the mind of the theorist -at all events it is a mystery beyond ordinary comprehension to understand its value of political influence for appointments carrying no emolument and where the individual pays handsomely for his honors. As the Captain raises and recruits his company, and as he gets promotion by senority it is hard to see what any Government would have to do in the case ; as for Staff Officers the Government very properly make the appointments and we have never heard that undue preference was exercised or incompetent men appointed-Captain WICKSTEED says so; but shrinks from proof. As an essay on Militia Organisation it is the very feeblest we have yet seen, and we could have wished to have risen from its perusal with the feeling that the author had kept within the legitimate bounds of his subject, and shewn his appreciation of discipline in some other way than by sneers and personal allusions at and to Officers of rank and fortune, who had achieved a professional reputation twice as many years before he donned a militia-man's uniform as he has worn it altogether.

It will involve no risk to prophesy that Captain WICKSTEED will command in Chief the Canadian Militia when it comes to be organised on his plan, and we hope he will not meet with an Essayist whose estimation of the superior officers of that organisation will be as low as his own of those gallant soldiers who have trained the present force. MAY 25, 1875. J

## The American Riflemen.

PREPARATIONS FOR THE TRIP TO IRELAND AND THE INTERNATIONAL MATCH.

Col. H. A. Gildersleeve was yesterday elected Captain of the American rifle shooting team which is to shoot with the Irish team in Ireland. He was formerly Lieuten ant-Colonel of the TwelfthRegiment National Guards, and is now Assistant Adjutant Gen-eral of the First Division, and Chief of Gen-Shaler's staff. He is a lawyer by profession. He was a member of the team that defeated the Irish team last summer. Of the other members of this year's team, Mr. Fulton, who was the champion last year, is a member of the Twelfth Regiment, and saw service in the war, as did also Col. Gildersleeve, Col. Bodine, the veteran rifleman, is a well to do gentleman of Highland, N.Y., and was formerly Colonel of the Nineteenth Militia formerly Colonel of the Eineteenth militia Regiment. Mr. Yale is a gunmaker, and is superintendent of Sharp's rifle works in Hartford, Conn. Mr. Hepburn, who will go to Ireland if it is deemed best, is also a gun maker, and is superintendent of the rifle works of E: Remington & Sons, Ilion, N.Y., Gen. Dakin is a General in the militia and served in the war. He has done some good shooting this season, but is not in perfect Mr. Coleman, who made his debut health. at Creedmoor this spring, is a first class rifle man. He is from Goshen, N. Y., and is a lawyer. Mr. Canfield is a member of the Twenty-second Regiment. He is a young man, but a good shot, Mr. Jewell is from Brooklyn. He has done some good shooting this season.

Mr. E. H. Sanford, Capt. L. C. Bruce, and Mr. A. J. Roux, who may be called upon to go to Ireland, are young men, but have had two years' practice at Creedmoor, and usually make fair scores. It is the unanimous desire of the team that Gen. J. R. Hawley shall finish his scores at Creedmoor, and thus qualify himself to join the team. Mr. J. S. Conlin. of the Broadway shooting gallery, will also have an opportunity to complete his scores. The team will be required to practice on Mondays, Wednesdays, and Saturdays. Col. Wingate read a letter from Major Leech, wherein he desired to know whether

Col. Wingate read a letter from Major Leech, wherein he desired to know whether the Americans would permit Major Waterhouse to shoot in the Irish team. Mr. Waterhouse is a native born Irishman, and has lived in Ireland 40 years, but his father is an Englishman, which debars him from shoot ing with the Irish eight at Wimbledon. As his shooting would require a change of the original programme, it was deemed inexpedient to make it. Mr. Leech's letter further. says: "The whole world is talking of the match. I refer you to the amusing little episode in the House of Commons on the subject." Mr. Leech is writing a book descriptive of the visit of the Irish team to this country.

country. The advisability of accepting the challenge of the Ulster Rifle Association, Belfast, Ireland, was discussed, and it was decided that the team, as such, should not accept any more challenges.

## Statistics of the Census.

The third volume of the Census, which has just been issued, contains thirty six additional tables relating chiefly to the agricultural condition and industral enterprises of Canada. In the four Provinces of the Dominion, in 1871, the total number of acres owned is stated to be 49,368,029. of which 19,-605,019 are in Ontario, 17,701589 in Quebec,

5.453,962 in New Brunswick, and 6,607,459 in Nova Scotia. Of houses there were 539,-512, besides 68,914 warehouses, factories and shops. The number of ships and tonnage of 81,374; sea going sailing vessels 3,254, tonnage 660,446; barges and other craft 2,-019 tonnage 101,306; making the total craft of all kinds 5,672, with 843,126 tonnage. Quebec is the largest owner of steamships, nearly half the number and considerably more than half the tonnage belonging to this Province. But in seagoing sailing vessels New Brunswick leaves the other Provinces such a long way behind as to give her the largest number of craft of all kinds. The figures here given, it may be remarked, represent the actual tonnage owned by residents in Canada, whether the ships were built abroad or were launched from Canadian ship vards.

From Table 21, it appears that of the total population of the Dominion 367,862 are oc-cupiers of land, 326,160 as owners and 39, 583 as tenants. The farm stock of the Do minion is set down at 1 251,209 milch cows. 1,233,346 other horned cattle, 3,155,509 sheep, 1,366,083 swine, and 144,791 hives of Ontario leads in all these items, Quebees Ontario feads in all these items, Que-bec approaching her closely only in milch cows and sheep. Table 23 gives the total of field products. The largest items are onts, 42,489,453 bushels; turnips, 24,339,476 bus-hels; spring wheat, 10,345,912 bushels; win-ter wheat 6,367,961, the latter being almost exclusively the produce of Ontario. The hay crop amounted to 3,818,641 tons, of which 1,804,476 tons were yielded by Ontario and 1,225 640 tons by Onebac. Butter enters for bees 1,225,640 tons by Quebec. Butter enters for a large amount in the general products of the Dominion, the total for the four provinces being upwards of seventy four millions of pounds. The production of cheese is slightly under five millions of pounds. Quebec makes 3,339,766 yards of home made cloth, and 1,559,410 yards of home made linen. She is also much the largest producer of maple sugar and tobacco, the manufacture of the former amounting to the large figure of 10,497,418 pounds out of a total of 7.276,054 for the Dominion.

Among the products of the forest for the census year-2nd April, 1870, to the 2nd April, 1871, --were 24,236,821 cubic feet of white pine, 1,954,372 feet of red pine, 3,302, 043 of oak, 8,713,083 cords of firewood, &c. Several tables are devoted to the industries of the Dominion. In this respect we imagine there have been very considerable chauges during the four years which have elapsed since the senaus was taken. Table 54 gives the aggregate capital invested at \$77,964, 020; number of hands employed, 187,942; yearly wages, \$40,851,009; value of raw material, \$124,907,846; and a total value of products, \$221,617,773.

A correspondent of the New York Commercial Advertiser addresses that journal on the subject '. Our Naval Weakness," saying : I have waited with some impatience, since the recent reports of the condition of our Army and Navy, to hear a note of warning sounded by the press-a warning, which would tend to awaken in us some of that national pride which a few years ago gave us influence abroad and a sense of security at home. No observer of the course of events in Europe can fail to see the cloud of war that gathers darkly over the nations. Even the London Times, representative of a Government which no longer acts upon the offensive, has called attention to it, and not in diplomatic language, but in plain words of warning and apprehension. It is

certainly true that in the general affairs of Europe, balance of power, succession, or suc-cession of itsp rincipalities and powers, we have no special interest and no right to interfere; but, if, in the event of the general European war which seems imminent, we hug the policy of non intervention to our heart as a safeguard, we make a woeful mistake, and one for which we shall pay dearly at a future day. Even as a neutral, we must be able to preserve our neutrality, which, if called upon to do now, we have not the power. The United States of to day—one of the wealthiest and naturally the most powerful country on the globe—is practicalcertainly true that in the general affairs of of the wealthiest and naturally the most powerful country on the globe—is practical-ly one of the weakest and least influental; an immense sea coast dotted with rich popu-lous cities and almost defenceless; a Navy, which gathered together recently with great delay and difficulty presented an appear-ance at once pitiful and ridiculous; an Army, which that Prince of Caricaturists Nast, fitly depicts as a skeleton with a flint lock musket. We resemble a great bulk Nast, fitly depicts as a skeleton with a fint lock musket. We resemble a great hulk-ing school-boy, with plenty of muscle, which he only uses to scratch his own head, while the veriest cub on the play-ground can kick and cuff him ad libitum. There have not been wanting men who have re-peatedly urged this view of our position upon Congress. The President has brok-en his proverbial silence, time and again, upon this subject, and once lately we were striken with bitter humilistion by the con-temptious treatment of our remonstrances striken with bitter humilistion by the con-temptious treatment of our remonstrances by the most contemptible of foreign powers. The national dignity was insulted, our citi-tens assassinated, and our protest ansered at; and we are still waiting for an apology and compensation. This is, however, but a comparatively small affair and we shall know greater indignities if we continue in our present abject, defenceless condition. Every breeze across the litering Fond brings to our ears the notes of preparation and rumors of war. Germany, unused to the power she has acquired so easily and unexpectedly, looms up like a great bully the power she has acquired so easily and unexpectedly, looms up like a great bully on the one hand, and eagerly watches an opportunity to exhibit her martial array again. France, amarting under de feat, in wild for a chance to recover her former glory and territory. Russia, in drawing her pen through the Treaty of Paris, has reopened the Eastern Question. And throughout the length and breadth of these nations is heard the tramp of armed hosts and the diu of # preparation. I trust, when this cloud breaks, we shall be able to keep out of the rain ; but I wish we had a more secure shelter to retire I wish we had a more secure shelter to retire

I wish we had a more secure shelter to retire to. There is no economy in our present course, but exactly the contrary ; for if by any chance we should be called upon to uphold the nation's dignity, six months of actual warfare with a naval power, even of third rate, would settle our wretched old ships at the bottom of whatever sets they ventured on, and cost us more in dollars and cents to repair the damage done to our coast cities than it would now to put us in a position to be afraid of none but ourselves !

Havana, May 19.—Officical despatches from the Interior state that the Government troops attacked a body of insurgents numbering six hundred men, commanded by Ruloff, at Charco Agul, on the 14th inst., and again at Hugo de Manicaragus on the 16th. In the encounter, 19 of the insurgents were killed and 90 of their horses captured: The Government loss was five soldiers killed.

## A LITERARY CURIOSITY.

The following it will be seen have been written by different persons, but so carefully are they arranged that one would be apt to suppose that they were the productions of che author: LIFE.

Why all this toil for triamphs of an hour? -Young. Life's a short summer-man is but a flower; -br. Johnson By turns we catch this fatal breath and die-- Pope. The cradie and the tomb, alas! so nigh. -Prior. To be better far than not to be.

Sewell

Though all man's life may seem a tragedy ; Bot light cares speak when mighty griefs are dumbencer. But light cares spean dumb-The bettom is but shallow whence they come. —Sir Walter Raleigh. Your fate is but the common fate of all; —Longfellow. Unmingled Joys here no rian befall; -Southwell. Nature to each allots his proper sphere, -Congreve. Fortune makes folly her peculiar care; -Churchill. Custom does not often reason overrule, -Rochester. And throw a cruel sunshine on a fool. And throw a cruel sunshine on a looi. Armstrong. Live well how long or short permit to bes ven. — Milton. They the forgive most shall be most forgiven. -Bailey. Sin may be clasped so close we cannot see its -French Vile inte roourse where virtue has no place Then keep each passion down however dear, -Thompson. nmerville Thou pendulum betwixt a smile and tear ; Hersensual shares let faithless pleasure la -Smollet. Oh, then, fenounce that implous self-esteen; Biches have wings; and grandeur is a dream. Cowper. Thisk not ambition wise because 'tisbrave. —Cowper. Thisk not ambition wise because 'tisbrave. —Sir Walter Da venant. The paths of glory lead but to the grave. —Gray. What is ambition? 'Tis a glorious cheat. -- Willis. Only a destructive to the brave and great Only a destructive to the brave and great. -Addison. What's all the gandy glitter of a crown? -Dryden Herrick Whom Christianizonship, yes a of comprehent

antibu njunkter earce e

toward ion units 10 . 3 108;

Intelligence Duties of the Staff The Abroad and at Home.

\$140

By Mejor Ct.B. BRACKENBURY, R.A., D.A.Q.M.G.

(Continued from page 240)

## FRANCE.

France, the latest country which has had to confess the necessity for reorganizing its military institutions, is bringing her staff system under review and making great and radical changes.

Up to 1869 the French Staff was a closed corps, fed by the Staff School. After leaving the school, the officers had to spend five years doing regimental duty with the differ entarms of the service ; but when this ser-vice was completed, and they were actually spiointed to the Staff, no furth r regimental duty was required from them. Hence arose

an absence of knowledge of drills, discipline and interior economy, which was found to effect seriously the efficiency of the Etat Major. Colonel Stoffel speaks sarcastically of Staff Officers whose time had been so spent in clerical labour that they were untit to appear before troops, and were even, sometimes, unable to ride !

In 1859 an Imperial Decree of I9th July. placed on competition for the Staff after, in stead of before, entrance into the Staff School, and admitted to the hope of future Staff employment a number of officers in excess of those required to fill the Staff Corps. These extra officers were to be called " Ad j ints d Etat Major," to serve ordinarily with their regimens, and to be called to fill up the Staff in case of war.

This was a step towards throwing the Staff more open ; but in the opinion of most of the best Officers in France, even of those now on the Staff, the measure did not go far enough.

Last month (January 1875), a final change was made. A new school called the "Su perior War School" was instituted for Offi cers who have ween some years in the ser vice. But. as in Prussia, only the best pupils will receive commissions as Captains on the Staff. They are to do duty for two years with the arms other than that from which they originally came, then serve two years on the Staff in districts ; and finally, two years with the head quarter Staff in Paris. Their promotion is afterwards to go in the Staff, but they must do regimental duty for a time in each grade.

Commanders of army corps and divi-sions will have, besides their regular Staff Officers, certain other assistants called Officiers d'Ordonnance who will, if I am not mistaken, perform the same duties as those of the Prussian Adjunants or our own Adjutant General's Department.

This is as close an approach to the Prus. sian system as French national habits admit The principles are the same, but there of. is no slavish copy.

Let us now examine the organisation of the French departments of the Staff at headquarters charged with intelligence or information duties. They are specially interesting, as they are no' aider an a purown Intelligence Branc'

A decr	set lo se	1	64	f the Fre	nch
	Jated 12:			874, organ	ized
the rist.	ment of	1	1.10	of the Gen	erai
5 8 6	ullows :		+ 1		

The trust that's glade and to your of the Chief of the Ch -the Cabinet and Six Bureau, namely :-

' ist Bureau.	General organization and "mobilization of the Army, States and Effec-
	tives .
'2nd Bureau,	Military Statistics : His-
ι.	torical Office.
"3rd Bureau.	Military Operations ; In-
	struction of the Army ;
	Topographical Office.
"4th Bureau.	Etappen and Railway Ser-
	"vice; Transport of
	" Troops by Land or sea.
" 5th Bureau.	General Correspondence.
"6th Bureau	(or War Depô:)Technical
	" Services ; Collections ;
	" Material and Accounts
	" of the General Staff."

Since then experience has suggested sev. eral modifications.

The oth Bureau has been absorbed by the 1st; the distribution of work has been rearranged; and certain changes have been made in the number and duties of the cili

cers employed. Further changes may yet be made; but the present organization re-presents the result of French experience up to this time, combined with their study of ordign systems, and cannot but be interest ing and useful to us who are advancing in the same direction.

All the bureaus are now working hard on exactly the same principles as those adopted at Berlin and Vienna. But their method of carrying out those principles is specially in-teresting to us because their work, like our own, is yet in its infancy. All arms are re presented among the Officers in the B Ureau. the same studies as those already de are being carried out and, in addition, they have to work earnestly and steadily undo the numerous arrangements involved in the reconstitution of an army upon new principles. Time and much labour are yet re-quired, but we may be certain that, after her task is completed and the ma chine properly put together, the power of France. for war will be tremenduous. Talent has never been wanting to her Officen.

The present organization, which may and probably will be slightly modified when the 

Α.	lat Bureau.	General Organisation and
		Mobilization of the Army.
		States and Effectives.
		Distribution of Troops.
		Correspondence.
R	2nd Buress.	
Δ.	and harden	ing Foreign Armies and
		Navies. 1 org a thi dege
C	3rd Bureau.	Military Topography and
С.	ord Durowa,	Statistics. Preparation
		of Military Operations.
7		Instruction of the Army
		as a whole-each as Re-
		gulations for Service in
8.2		the Field, &c. Travels
		of Staff Officers, Grand
-		Manœuvres. Historical.
D.	4th Bureau.	
		cution of Movements of
		Troops. Lines of Comilia
	a	munication.
	5th Bureau	Drawing, engraving and
(or	War Depôt).	
	5	Maps, Books, and In-

Besides the Chief of the Staff and his sids, Besides the Chief of the Staff and his side, the numbers of Officers permanently em-ployed amounts to 69. They are taken from all arms as well as from the Staff, in order to have specialities to deal with quein tions as they arise. But, besides the per-manent establishments of the Burgaux, Officers doing duty with their Corps through-out the country, whether on the Staffor not, are called upon to give their services in ai of the Staff studies at Head-quarters. For, indeed, the labour of seeking out the know ledge required is very great, and demands both much time any many hands. The work is being time for the safety of the country and no man can refuse his aid according to his powers. The adoption of this principle gives the Staff the assistance of an immense number of workers. whose labour is at once a benefit to France and an education for themselves.

## IST BUREAU.

Is divided into three sections each under a Staff Officer :-

lst.

Section Organization	on of the Active	
Army;	its Distribution;	
General	States ; Effec-	
tives	and all all all all all all all all all al	

2ad Section .- Organization of the Territorial Army. 3.d Section .- Mobilization.

## MAT 25, 1875.]

Little need be said of the work of this Bureau, though the importance of it is great at a moment when then Organization and Mobilization are the most stirring milland Mobilisation are the most stirring mili-tary questions. But, consider the power and certainty such help as that of the talented Officers employed, gives to the military authorities during Parliamentary discussions. In fact, the law on the cadres has just now been settled by mutual agree-ment, although a severe conflict on the cuestion was supposed to be impending ment, although a severe connict on the question was supposed to be impending. And everybody is satisfied. Is not this bet-ter than our plan of Royal Commissions and ter than our plan of Royal Commissions and Parliamentary Committees succeeding each other in a weary series, the members ap-proaching the subject with only one cer-tainty, —that it is perfectly new to them and they must learn its rudiments 7

## 2ND BURBAU.

## Foreign Armies and Navies.

Twenty four Officers are employed in this Bureau alone and the number is found int aufficient.

The studies are precisely similar to these of the Prussian "Three Sections," and the Austrian Section for "Statistics of Foreign Austrian Section for Armies." Great Powers are studied separately, small ones in groups. The studies comprise, military institutions, organization, instruction, men, material, establishments. Naval affairs are treated generally, in less detail than the land services.

All this information must not only be in the possession of the Bureau, but must be so arranged and co-ordinated as to be at disposal for the immediate enlightenment of the Government or authorities interested.

Moreover, to the 2nd Bureau is confided Moreover, to the 2nd Bureau is confided the task of spreading such information as may be desireable among the Officers and men of the Army generally. This duty is performed by periodical or special publications, such, for instance, as

the "Revue Militaire de l'Etranger." The French Government and military authori-ties have accepted the the truth that it is not enough to have information accumulat. ed at head quarters, but that it is wise to diffuse a knowledge of foreign military avatems as widely as possible. Every en-couragement is given to officers to stu it such subjects, and to travel for the purp its

This Bureau receives and deals with the reports of the Military Attachés, and is responsible for bringing any valuable infor mation contained in them to the notice of the authorities specially interested in it. By this course every head of a department knows that nothing interesting will escape him, while he is not burthened with the task of reading a mass of MS, which does not concern him.

The military attachés of French embarsies. like those of Prussia and Austris, report directly to the Minister of War or the Chief of the Staff. In any case the Staff receives and deals with the despatches at ones. English military attaches report to the emsadors. Their despatches go to the Foreign Office, and thence through many hands before they reach the Intelligence Branch. Is not this system rather unpradtical ?

Before the late war, and its re markable lessons, the French system was highly un practical. Not only Colonel Stoffel's despatches, but the reports of numerous Offi-cers sent to travel in Germany, called attention in the strongest terms to the superior ity of the German organization for war, and the extraordinary development of the military art in the country of Frederick the Great. Nay more, the inferiority of the THE VOLUNTERS REVIEW.

French system was frequently instant of The reports were received, dock to i, and carefully pigeon hole i in the War Dapos, but, from the want of a department respon-sible for utilizing the information contained in them, these in ort at locuments were suffered to Le anre d and unknown by the great officials in whose hands had been placed and the safety and honour of the reuch nation.

placed and the safety and honour of the French nation. The lesson has been a severe one, and the result is that at the present moment the chief anxiety is not to hide, but to diffuse information as widely as possible. Not only does the 2nd Bureau publish its papers, but Government money has been granted for the encouragement of the "Réunion des Officiers," an institution first establish-ed by private members, but now recogniz-ed as a means of bringing to the light of day, opinions, often crude enough, held by individuals concerning home or foreign military affairs. The publications of the Réunion are sometimes valuable to the authorities, always a safety value for that intellectual energy so characteristic of the French. Thus a former source of bitterness and grumpling against authority has been and grumbling against authority has been turned into a well spring of information and contentment.

### 2ND BUREAU.

der

This Bureau is at present one of the most important and active in France, though many of its functions are of a temporary character, and will cease when the poch of change ceases, when the Array is fairly re' organized, and the studies which must pre cede modern compaigns are completed so

far as only to need periodical revision. It is divided into four sections -

## 1st Section

Preparation of Military Operations .- Study of probable theatres of operations at home and abroad, Travels of the Staff Officers. Grand manouvres.

#### 2nd Section.

Instruction of the Army as a whole. -Ques tions relating to general instruction of the Army. Preparations of rules applicable to all arms-e g., regulations for service in the nel i

## 3rd Section.

Study and Arrangement of Documents ne cessary for Armies Taking the Field. -Such as maps, statistics, military topography.

### 4th Section.

Histories .- Assembly of historical documents relative to the last campaign. Study of these documents with the object extract. ing useful information from them, especially the modifications which should be intro-duced in the tactice of the different arms. Think for a moment what this office has to ito. No less than to plan the defence of the contry and the best means of attacking other countries. The same studies are pursued by Prussia, Austria and other Powers. such by Prussia, Austria and other Powers. Such y we had better keep our eyes open to this fact. Now, strategical studies such as these must be based upon accurate and detail ed knowledge, or they will not be worth the paper they are written upon. To gather the accurate details, all the army is at work. No less than 80 Officers of the garrison of Pars have been occuped in studyin: the surrounding country with a view to the thoroughly scientific defence of the place. Let me carnestly beg you to ture over m your minds this use saty for employing Officers outside any new Intelligence De partment. Without such aid facts must be 251

win ing, and il calculations in its be beer le s and detuine. With ever and good will and common sense can assist in some part of the work. Neither are great talents re-quired nor high education, but the work in itself is full of interest and instruction. Officers belonging to the 3rd Bureau at-tend Autumn Mancouves, and report on various interesting points for the infor-mation of their chief.

attentia at

## antipitienti fru Burnatt, column

Railway Service and Movements of Troops. Lines of Communications.

# Divided into two Sections.

1910 1st Sections, Railway Sections.

Duties.-Work indicated by the "Superior Committe on Railways." (explained here-after). Studies relative to the execution of this work, Relation with the railway com panies.

# 2nd Section.

Execution of the Movements of Troops.--Sending the detailed orders required to car ry out Ministerial decisions! Correspon-dence relative to all the movements of troops at home, and to or within Africa. In November, 1772 a Committe was ap-pointed to consider the whole question of railway transport and lines of communica-tion. Its Report was adopted list July, and is now the basis for the work of the 4th Bureau. The acheme recommended and Bureau. The scheme recommended and adopted is most interesting and instructive. The R-port has been translate i for the In-telligence Branch and would be published at once but for that terrible burghess, the

telligence Branch and would be published at once but for that testible burghess, the cost of printing. There is no time to enter here into the details of the Report. Suffice it to day that all sorts of contingences in war and peace are provided for, even firing trains to be al-ways kept packed full of provisions not far in the rear of operating armies. The great priociple is to cambine the la-bours of Staff. Officers who know what is wanted, with that of railway officials who know how best to supply the thing required. France is divided into aiz great railway systems, each of which is placed under a Staff Officer who is called the "Commis-saire d'Etude" for the line and its tribu-taries. Attached to him is a "superior agent," and the two form a committe with very definite duties and powers. They have to carry out the instructions contained in the Report, and they have legal power to de so. Provision is made for expendence and for practice of the troops. The Report sen be bought in Paris, and is well worth read-ing, even by those whose duties are not likely to place them in charge of railway or lines of committed to a

## 5TH BUREAU ( War Depot).

The War Depôt is chiefy geneerned with the care of maps, books, and instruments, and with alterations to be made in the maps

and statistics of the country on said It employs 16 Officers; 12 of whom are on the Staff, and a number of other employes.

1.24

## GENERAL REMARKS. inant navel

If we now hole back for a moment on the ground we have passed over, we shall see that the strictly Fatelligen's Dates of the St if in Prussis, America and France are directed on I performe I by Staff Officiare vote 1 to the particular work aided by the whole of the Staff corps, divisions and brig-ades, and, in France, where the work has hitherto been more or less neglected, by all the available talent of the Army.

We see further a general agreement as to thanked, for he cetainly worked hard and the facts which ought to be known, and the manner of getting at the information. work required may be shortly stated as follows :-

- lst. A thorough military acquaintance with the topography and resources of all lands belouging to the nation and its neighbourhood.
- 2nd. An intimate acquaintance with the armies and military institutions of foreign powers as well as of the home army and institutions.
- A scheme for movement of troops 3rd. by railway, road, or water, according to probable eventualities. This is based on a study of home and foreign means of communication.
- 4th. Military history, which is always a mine of information if honestly drawn
- up according to official knowledge. Selections from the above items of 5th. knowledge carefully drawn up and published for the information of the Årmy. This requires frequent use of the printing press.
- 6th. In the three countries the Staff is charged with the issue of the requisite maps in case of war; and, for this purpose; is in close intimacy with the great map-making establishments re presented by our Ordnance Survey, which is a civil branch, though con-ducted by Officers of the Royal Engineers.

(To be Continued,)

# The "B" Battery Dramatic Fete.

Last night will be reme mbeed by the immense assemblage who were present in the Music Hall as one of happy memories and couleur de rose reminiscences, and for which our military friends from the Citadel are deserving of every praise. The Hall, long before the playing of the overture, was fill ed to its utmost capacity ; the majority of the ladies and gentlemen occupying the reserved seats wearing evening dress, which gave a most pleasing and distinguished tone to the coloring of the scene, which was brilliant in the extreme. Every available portion of the building had been hung in bunting representing almost every civilized nationality. The space around the foot of the stage was draped by an enormous Royal S andard; above the procenium was a most tasteful decoration formed by the entwining of the flags of England. Ireland and Scotland. The harp of Old Erin on the green was in delicate compliment to the nationality of the noble guests, Lord and Lady Dufferin, placed in the centre. On either side of the stage floated the blue and red ensigns of Great Britain, while the entire circuit of the gallery was festooned with the flags of Canada, France, United States, Spain and other countries; and to complete the splendid exhibition of bunting, wires were stretched right up to the ceiling, upon which were hung innumerable bannerets and signal flags at certain distances apart; separating and supporting these masses of multi-colored fabric were placed stands of halberds and lances. A large space was left in front of the stage for the band, and two brass cannon, polished up to an amazing degree of refulgence, guarded by sentinels, were placed in a position so as to command (the attention only) the whole audience. For all this minute

Lord and Lady Dufferin and suite, accompanied by members of the Lieutenant-Gov ernor's family and the Mayor, entered from the dining room entrance into the Hall, taking their places on the sofas and fan teuil's prepared for them-the band play. ing the National Anthem, and the audience all standing. After the Schubert Overture had been satisfactorily disposed of, the curthin rose on the first scene of "Boots at the Swan." In this amusing little farce, Lieut. Sheppard, as "Frank Fuskly," acted the role of a devil-may-care sort of gentleman ever ready to sacrifice or place himself in a ridiculous position to further a friend in need, and sustained the part thoroughly. Captain White, as "Mr. Higgins," whose name was not romantic enough to suit the exigent tastes of the languishing " Miss Moonshine," did extremely well. The veritable hero of the plot, "Boots," the character taken by Gunner Mellon, either as the obstinately deal waiter or disguised in policeman's clothes, and with a latent affinity for sherry, was immense, and pro voked great laughter, Young Ryan, as a page whose boyish nature was not proof against the seductions of jam, was also a success. The ladies were well and in their parts, and the whole play ran very well. In the interim that followed the thrilling strains of 'Strauss' "Amoretien Traume" waltz filled the building with harmony, and no doubt there were many little love dreams dreamt out to the time of the Vienna Kap pelmeister's music. From gay to grave was the next sequence, and in lieu of the side splitting laughter came the solemn silence and strict attention necessary to a due appreciation of 'Shakespeare's weirdes tradegy "Hamlet" The platform scene was enacted by Col. Strange as "Ghost," Gunner Dolby as the "Prince of Denmark,' Sergt. Lone as "Horatio" and Captain De vine as "Marcellus"; where all seemed so thoroughly imbued with the spirit of the scene, it would be hard to individualise, but it must be said that the sepulchral tones of the visitant from the other world, and the anguish of "Hamlet" were extremely well represented by the two first mentioned gen tlemen. In the succeeding scene in which "Polonius" (Capt. White) gives his famous advice to his son "Lacertes" (Sergt. Lane). (Sergt. Lane), and "Hamlet upraids the Queen" (Mrs Smith), for her strangely quick alle-giance to her deceased husband's brother the acting was worthy of professionals. Gun ner Dolby and Col. Strange were much ap plauded in the principal roles of "liamlet" and the "Ghost." "Offenbach" came to the front when the drop scene fell, and his well known lively music caused many a little foot and hand to mark time to the exhilirating cadence. The concluding piece entitled "Turkish Baths" was received with incessant peals of laughter. Everybody who took part in it, apparently engaged the mad rollicking humour of its plot and dia-logue as well as audience. The farce runs somewhat in this way: "Bill Sprigs" (Gun-ner Dolby) a Cockney accustomed to the management of wax-works, female giant esses, pig faced ladies et hoe genus omne, has transformed himself into the proprietor of a Turkish Bath, and assumed the garb and gibberish of a Musselman, "Dost Ali Khan" by name; his assistant, "Tom Griggs" (Capt. Devine) also a Londoner, dubious in h's, does the animated Sandwich laborious and appropriate preparation advertising business with flaming posters which transformed the Hall into a veritable temple of Mars, Captain Holiwell may be Go, in the Baths. After a long spell of bad

contributed greatly to the successful issue

of the entertainment. At eight o'clock

luck there comes to them a type of Angli-can swell, "Adolphus Fitsmortimer" (Ser-geant Lavie), with eye glass and picadilly weepers, who wishes for a Turkish bath, merely as a subterfuge for changing his at-tire and disguising himself so that he may elope with "Miss Amelia Tippet" (Mrs-Smith) who his consented to make the baths a rendergous where the may also change a rendezvous where she may also change her dress so as not to be discovered. swell is received by Dost Ali, and quickly conveyed to one of the heated chambers and boiling water turned on at an immense rate Then appears the lady, and difficulties com mence, their being no female attendant. Griggs is finally induced by the sham Mos lem to don a nondescript garb, which was sup posed to be the attire of a she Turk. The fun commences, "Griggs" is very unhappy in his femiaine trappings, and sends the lady forthwith to her compartment, at the same time turning on a tremenduous supply of sulphuric acid. The two pseudo furks now begin to talk over their adverse fate; in the meantime the lovers have changed their habiliments and left the establishments, leaving their discarded gar-ments behind them. The both managers at last wake to a sense of their duties, and discover to their horror that their custor are stopping an exceedingly long time in their rooms. Each tries to rouse the oc pant, but it is of course in vain and, on in spection, they are terror stricken to find nothing left out a heap of clothing worn by the victims when they entered the establish ment. They accuse themselves of being murderers ; one thinks he has baked the lady, the other that he has boiled the gentleman. After half an hour of very funny remorse they are made happy by the re appearance of the runaways, who have in the meantime got married, and of course everything winds up happily. Captain De vine and Gunner Dolby were thoroughly au fait in their respective parts, and acte with nerve and vim. The same may be said of Sergt. Lavie and Mrs. Smith, upon whom fell the principal portion of the female re-presentation of the evening. This report would be incomplete if the stage fittings and the arrangement of the scenery were not mentioned. Mr. Charles Heavens, who is now the janitor of the Music Hall and has the complete control of the working of the mechanism and scenery, brought forth, last night, the resources of the Music Hall to their fullest extent, and has demonstrated that our only theatrical resort has an abund' ant supply of the wherewith to add to the illusion of the play.

It is with regret that we learn that the B Battery amateurs are to lose their bright particular star Gunner Dolby, who leaves for England to day, having chosen the life on the boards in preference to the profes sion of arms.

At the conclusion of the Turkish Baths, the band played "Gome Back to Erin" and "God Save the Queen," and the large party dispersed, all apparently well pl with the entertainment provided for them

There were several policemen in plain clothes in the gallery, under charge of De tective Skettington, to prevent boys from making a disturbance; but there was for tunately not the slightest trouble, the audience being in every sense a model one.

The San Francisco Bulletin estimated the three leading products of that State for the coming season as following : Wool, 50,000, 000; pounds; wine, 15,000,000 gallons; wheat, 45,000.000 bushels.

## ADVERT TEMENT PAGE.

## STY ADVERTISEMENT PAGE. HIT LICENTUS

## REVIEWS

.2.147.1 163il . AT

The Westminster Review for April, 1875, has been received from The Leonard Scott Publishing Co., No. 41 Barcley Street, N.Y. Contents as follows :- The African Slave Trade; Pliny's Letters; The "Natural" Philosophy of History ; Our Position in In dia ; Recent Political Memoirs ; Savage Life : the Western Tribes of North America; Merchant Shipping Legislation , Contemporary Literature

We have received the May number of the Dominion Monthly, published by John Dougail & Son. Montreal. It has a portrait of Dar-mm, and embrades a variate of original and select reading articles on various subjects of mierest.

the Pen und Plow is a nently gut up quarto up to as +6 authority on altragricultural matters. eran bilona i hand i are son bilona i hand bi hand bilona i hand bilona i hand bi hand bilona i hand bilo

Lord Henry Lennox gives and south in the Times at this advance in the Bessener from Hull to Gravesend, The west the and the sea were rough, but there was, dord Henry says, on almost total absence of picching, and nothing like heavy or violent The machinery for working the ioiling. suspended saloon was noted to gether in order. but it appeared to Lord Henry With its sucwas more than sould have been fairly ex outer outfield," his fordship sets, "that in this ship a very great step in advance has rentedying the discombeen made towards. forts of the present Channel passage." The ship left Gravesend at half past nine on Friday morning last weak, for Millwall Docks.

According to the Triestie Observer the United States ship Tuscarora is about to take the soundings necessary for the establish ment of a submarine telegraphic line between America and Japan. The Tuscarora will be relieved at Honolulu by two other American war veisets ab of our itransatiantic cousins are determined to leave no stone unturned to compete with England for in fluence in the far East. Du reste, the expe-dition to which we allude will have important scientific results, as it is intended to employ the latest in vention in taking the soundings. The system to be adopted is Ammen's, which is said to be an improvement on that of Thompson.

A new pattern of cavalry saddle and trap ping has recently been adopted in the Italian Army. The saddle free remains as before, and is of the usual form ; but the stirrups are hung some centimetres further forward, The pommol is abolished and pads are placed under the fisps, so as to obviate the necessity of a cloth under the saddle. There is no crupper; and saddle cloth, leather bags, and the old pouch are done away with. The value is also abolished, and the necessary baggage is distributed between the front two pouches of oiled cloth, covered with sheepskin, and fitted to the back part of the saddle. The tabe in which the carbine is cartied is on the left side of the rider. This eaddle, which may certainly be commended on the score of lightness and simplicity, is the result of experiments which have been made during the last two years, under the superintendence of a committee. We take our description of it from the pages of the Italia Militare.

Mr. Hardy's explanation about the neces sary dely in procuring the "Plymouth and Gibraltar shields," as they used to be called, was completely satisfactory. If only two firms the manufacturing them we need not wonder that they should have almost passed out of public recollection before they have found their way into the mouths of the cize. mates for which they are intended. Ply-mouth and Pembroke sea forts are now all fitted-the new forts we mean-with these shields, some of which have been tested as to their power of remaining in site during the firing of heavy guns, with very satisfac -tory results, so that what Mr. Hardy citle the "tedious" process of fitting them in has been undoubtedly effective. By the end of the present month 800 heavy guns will have been provided, but will these suffice to arm land and sea forts as well? The land forts, as we know, ban wait a while, hut we rather think they have suffered from a waiting por icy rather too long. Some of them have yet ordnance. en tr

Some time agd fout ladibs whood led the London University examination for women entered themselves in the chamilers of well known barristers for the purpose of stadying law. It was said at the time that their into un would be fruitless. It seems, howver, that the ladies are likely, as the result of their studies, to obtain profitable employ. is closed, has been engaged by a firm of sulidy sulicitors as a "consulting counsel."

Whirzhan, N.Y. May 15th A large fire occurred at Batland, Vt., this morning. The oper house and stores of Dans & Cromy tos, Stanley & Co. and others, were des troyed. Loss, \$75,000, partly insured,



TENDERS will be received until morron the 15th day of June, 1875, for the sup T of such Cloth of Canadian Manufacture as may be re quired for Uniform Clothing for the Militia, during the current year, the cloth to be regulation colours, viz : Oxford Mixture, Scarlet, Green and Blue ; and to be furnished in such proportions as may be required.

Patterns may be seen, and furtherinformation will be given on application. The department will not be bound to accept

he lowestor any tender. W. POWELL, Colonel, Adjutant-General.

18 Otfarra, April 60th, 1875. month inti. Lottered to under a suid at ? eer's

THE ALPINE IS NOT STRUCT

CUSTOMS"DEPARTMENT ~s110

OTTAWA, Cta April, 1875.

NOTICE is hereby given that his Executions, the Governor-General, by an Order in Comcil bearing date the Brd inst,' and under the authority vested in him by the ith section of the 31st. Vicroria, Cap. 0, has been pleased to order and direct that the following article be traisfer red to the list of goods, which may be imported red to the use Mooranty, viz:-nto Canada free of duty, viz:-"Ground Gypsum for arricultural nucroses." "Ground Gypsum for arricultural nucroses."

Ato Ry command nobield .Schnson,

Commissioner of Customs. 16-3

April 15, 1875.

## **EVENUEZE** REPRINTS

## ---- OK THE---

## BRITISH, PERLODICALS.

political ferment among the European The political ferment among the State, or nations, the state between Chanch and State, or discussion of Science in its relation to Theology discussion of Science in the relation to Theology discussion of Science in its relation to increase of and the constant publication of new works on these and kindred topics, will give unusual inter-est to the leading foreign Reviews during 1875. No where else can the inquiring reader find in a con-densed form, the facts and arguments necessary to guide him to a correct conclusion.

The Leonard Scatt Publishing Chr. 41 BARCLAY STREET, NEW YORK,

continue the reprint of the four leading Reviews, viz. S THE

Miz. - med : vrossol a diff if eraquoo 3'doll Edinburgh Reviw, (Whigh and an of the statistic) London Quarterly Review, (Conservative) Westatister Review (Libera, ynod star Westatister Review (Libera, ynod star British Quarterly Review, (Évanjendal, British Quarterly Review, (Évanjendal,

Le State of New YorkarA Every bondholder must receive at least 221,1

BLACKWOOD'S EDINBURGH MACAZINE

# S100,000: Payable strictly in advance.

For Blackwood and four Beviews, 15,00 The Postage will be prepaid by the nublishers without charge to the subscriber, only on the ex-press condition that subscriptions are paid invari-ably in advance at the commencement of the vear.

## NORGENTRATISTICS (10)

CLUBS. CLUBS. CLUBS. CLUBS. CLUBS. CLUBS. CLUBS. CONTROL OF THE CONTROL OF THE STATE A discount of twenty per cent will be allowed to chabs of the four or more state. Control of the state of the state four copies of Blackwood of one Review will be sent to one address for \$18.8 . control of the state four Reviews and Black for \$18.8 and so on. To Clubs of ten or more its addition to the above discount, a copy grats will be allowed to each getter-up of the club.

## ALLO PREMIUMS ONT

New Subscribers (applying early) for the year is the problem of the subscribers to any two, threes or four of the above periodicals may two, threes or four of the above periodicals may have 1 of the 'Four Reviews' for 1874; subscribers to all five 'Hay have two of the Four Reviews' or one set of Hackwood's Magnatic for 1876. To solid , early Neither prefittions to subscribers for discont to clubs can be allowed unless the motiey is re-inited direct to the publishers. Two premiums concluse with further particulars may be had on application.

THE LEONARD SCOTT PUBLISHING CO. arous 44. Bardlay Street, Mew-York.

## CONSUMPTION CURED.

To the Editor of the Vonchrand Review.

Will you please more your readers that I haven bestive I M. A. M. J. O. H. O cure wor consumpton at a cure wor consumpton and advational and the Throat and Langs, and that, by its use in my practice, I have cured hundreds of cases, and will give a more act. availat, submarked and will give a more action availat, submarked and will give a more action availat, submarked and will give a more action availat, submarked and a data with a submarked and a submarked and a submarked and a submarked and availat submarked and a submarked and a submarked a submarked and a submarked and a submarked and a b ode submarked and a submarked and a submarked and a for a submarked and a submarked a submarked and a submarked and a submarked and a submarked a submarked and a submarked and a submarked a submarked a submarked and a submarked and a submarked and a submarked a submarked a submarked and a submarked and a submarked a submarked a submarked and a submarked and a submarked a submarked a submarked and a submarked a submarked a submarked a submarked a submarked and a submarked a submarked a submarked a submarked a submarked as submarked

for a case it will not benefit. I hadde, so shong if my faith, I will send a sample, fordet, to may suf-ferer addressing mer. (32) Please show, this letter to any one you may know who is sumering from these diseases and obligs, zesaid

Faithfally yoursi , dios wint , swall R. T. F. BURT, William Street, New York.

17-26

-----

Cape Ann Advertiser DG

Will you please inform your readers that I

## ADVERTISEMENT PAGE.

# INDUSTRIAL EXHIBITION COMPANY. | THE ALDINE COMPANY'S

## NEW PUBLICATIONS.

Parts I, II, III and IV are now ready.

SUTTON'S

Leisure-Hour Miscellany.

SOLD ONLY BY SUBSCRIPTION.

# THE ALDINE; THE ART JOURNAL OF AMERICA. AMERICA. This splendid enterprise is not only well sus-tained in every feature, but is being constantly developed and improved. It to day stands with-out a fival in the whole world of periodical lite-rature. The beautiful dog-portrait, "Man's Un-selfish Friend," a chromo presetted to every subscriber, is a decided hit, and will, if possible, add io the popularity which this work has gained. The ART UNION feature also promises great and beneficent results, in arousing public interest in the fine arts, Circulars and full infor-mation on application.

FIRST MORTGAGE PREMIUM BOND

OF THE

---\$20---

WILL BUT A

## NEW YORK

## INDUSTRIAL EXHIBITION COM'Y.

Don't compare it with a Lottery; bear in mind that the capital invested is always secured.

To be completed in 40 parts, is issued fortnightly. Each part will contain an elegant frontis-piece, originally engraved on steel for the London Art Journal. This Loan is issued on a novel plan, and is authorized by special Act of the Legislature of the State of New York,

Every bondholder must receive at least \$21, but he may receive

## \$100,000:

Or \$35,000, or \$10,000, or \$5,000, or \$3,000, &c., &c.

4th Premium Allotm nt, June 7th, 1875 5th Series Drawing, July 6th, 1875.

Circulars giving full explanation, will be sent, free of charge, on application.

For Bonds and full information, address without delay.

MORGENTHAU, BRUNO & CO.,

## FINANCIAL AGENTS,

23 Park Row, New York. Post Office Drawer No. 29.

Remit by Draft on N.Y. City Banks, Registered

Letter, or P.O. Money Order. 15

## The Fishermen's

## MEMORIAL AND RECORD BOOK

gives you interesting facts relative to the fisher-ies. How fish are caught, and where they are caught, olden time and modera time fishing. Off Hand Sketches, Big Trips, statistics of the Fish-eries, Tales of Marrow Escapes. Fearful Gales, Maratime Freety, and other inatters of interest concerning this important industry. Very band-somely illustrated with original engravings. Price \$1.00 in Paper Covers, \$1.50 finely bound in Clota. Seat anywhere on receipt of price Agents wanted to whom exclusive territory will be given. Liberal commissions. Write for par-ticulars.

PROCTER BROS., Publishers. Cape Ann Advertiser Office,

Gloucester, Mass.

## **A POSITIVE REMEDY**

## MORTIMER'S

## CHOLERA MIXTURE.

A PURELY VEGETABLE COMPOUND-is sure and saferemedy for Diarrhea and othe BowelComplaints.

BowelComplaints. At aseason when the system is liable to pro-tration from these weakening disorders, this va uable remedy should be keptine very househo d No one can afford to be without it. Priceonly 25centsa bottle

GEO. MORTIMER. Chemistand Druggist, Sussex reet

ttawa, July 20th, 1868.

11

## THE BEST PAPER, TRY IT.

## POSTAGE FREE.

## BEAUTIFULLY ILLUSTRATED.

BEAUTIFULLY ILLUSTRATED. The SCIENTIFIC AMERICAN now in its 36th year, enjoys the widest circulation of any weekly newspaper of the kind in the world. A new volume commercides January 4, 1875. Its contents embrace the lastest and most inter-esting information pertaining to the Industrial, Mechanical, and Scientific Progress of the World; Descriptions, with Beautiful engravings, of New Inventions, New Implements, New Processes, and Improved Industries of all kinds; Useful Notes, Recipes, Suggestions and Advice, by Prac-tical Writers, for Workmen and Employers, in all the various arts. The SCIENTIFIC AEERICAN is the cheapest and best illustrated weekly paper published, Every number contains from 10 to 15 original engravings of new machinery and novel inven-tions. ENGRAVINGS, illustrating Improvements,

and best illustrated weekly paper published. Every number contains from 10 to 15 original engravings of new machinery and novel inven-tions. ENGRAVINGS, illustrating Improvements, Discoveries, and Important Works, periaining to civil and Mechanical Engineering, Mining and Metallurgy ; Records of the latest progress in the application of Steam, Steam Engineering, Railways, Ship-Building, Navigation, Telegra-phy, Telegraph Engineering, Electricity, Mag-netism, Light and Heat. FARMERS, Mechanics, Engineers, Inventors, Manufacturers, Chemists, Lovers of Science Teachers, Clegymen, Lawyers, and People of all Professions, will find the Scitsstiffic Ameri-cas useful to them. It should have a place in every Family, Library, Study, Office, and Count-ing Room ; in every Reading Room, College, Academy, or School. Myear's numbers contain 832 pages and Szyrs-RAL HUNDBED ENGRAVINGS. Thousands of volumes are preserved for binding and reference. The practical receipts are well worth ten times the subscription price. Terms, \$3.20 a year by mail, including postage. Discount to Clubs. Spe-olal circulars and Specimens sent iree. May be had of all News Dealers. **PATENTS** In connection with the Scitsstiff America. More than fifty thousand applications have been made for patents insment in the world. More than fifty thousand applications have been made for patents of New inventions and sketcnes examined and advice free. A special notice is made in the Scitestiff American of all Inventions Patented through their agency. Tatents are obtained on the best terms, Models of New inventions and sketcnes examined and advice free. A special notice is made in the Scitestiff American of all Inventions Patents, 100 parts ages, containing laws and full directions for ob-taining Patents. Address for the Paper, or concerning Patents, MUNN & CO, 37 Park Kow, N.Y. Branch office or, F and 7th Sts., Washington, D.C.

THE SCIENCE OF HEALTH.

PROSPECTUS OF

### A New Independent Health Monthly.

<text><text><text><text><text><text><text><text><text><table-row>

SAMUEL R. WELLS, Publisher,

38 oadway, New York

AM. Mary

THE ALDINE PASSE-PARTOUTS.

THE ALDINE PASSE-PARTOUTS. In compliance with repeated requests, the publishers of THE ALDINE have prepared im-pressions of many of their most beautiful plates for passe-partout framing. The cuts are mounted on a beatifully tinted azure mat, with a handsome red border line. In attach the glass, it is only left for the custo-ment to paste and fold over an already attached border, and this may be done by a child. 27 subjects, 12 x 16 in., 25c.; with glass 50c. Six of this size for \$1.00, when selection is left to publishers.

5 to publishers. 6 subjects, 10 x 124 in. 20c. ; with glass, 45c. 7 subjects, 64 x 84 in., 15c. ; with glass, 40c. 12 subjects, 14 x 19 in., 50c. ; with glass, \$1.00. Sent by mail, without glass, post-paid, for the

price CANVASSERS WANTED.

58, Maiden Lane, New York.

#### REPRODUCING at a price within the popular reach, engravings never before offered at less than five times the amount These plates have been the attraction of

The London Art Journal,

Each part will contain 26 quarto pages, includ-ing the elegant frontisplece, on heavy plate paper. A superb title page, richly filuminated in red and gold, will be given with the first part, and the printing of the entire work will be a worthy representation of "The Aldine Press" which is a guarantee of something beautiful and valueble. valuable

At a Cost of 25 Cents a Part.

PARTS I, II & III ARE JUST PUBLISHED. THE ART JOURNAL.

THE ART JOURNAL. Complete in 12 monthly parts, at \$1 each. Re-producing the best full page illustrations from the earlier volumes of The Aldine. Each monthly part will contain six superb plates with accompanying descriptive matter, and whether for binding or framing, will be en-tirely beyond competition in rrice or artistic character. Every impression will be most care-fully taken on the finest toned paper, and no pains will be spared to make this the richest production of a press which has won, in a mar-vellous short time, a world-wide reputation.

## GEMS FROM THE ALDINE.

Especially assorted for Scrap Book Illastrations & Drawing Class Copies, A large collection of pictures of different sizes and on almost every conceivable subject have been put up in an attractive envelope, and are now offered at a price intended to make them popular in every sense.

Envelope No. 1, containing 5° beautiful engrav-ings, is now ready, and will be sent, postage paid, to any address for ONE DOLLAR. A liberal dis-count to agents and teachers.

## SCRAP BOOKS.

THE ALDINE COMPANY.