

which were of long and slender proportions, and hence were named "walking sticks," but eventually, in 1841, bronze was employed in America as elsewhere. Mountain guns carried on pack animals are not mentioned by our author. Great progress was made with heavy S. B. cast-iron ordnance; and the American guns for coast forts were among the best in the world, thanks to the labors of Mordecai, Balford, Rodman and others. Partly from the excellence of their cast-iron ordnance, and partly from economy, the United States have been very backward in adopting the new steel rifled guns, but the failure of ordnance on their old system (even when converted and strengthened) with high velocity elongated projectiles, has now obliged them to follow the example of the rest of the world. No mention is made in this book of the valuable labors of the Gun Foundry Board; perhaps this is explained by the fact that only one artillery officer is a member of it and the report of the board has hardly as yet affected the history of the artillery. No account is given of machine guns.

This book, with its 400 large octavo pages, tells of many details, it is the result of much research, extending over several years; and its author has done good service by bringing together in an accessible form a valuable history of his arm; but the arrangement under several heads of organization, instruction, duties, matériel, &c., though perhaps convenient for reference, gives rise to considerable repetitions, and General Knox and his successors appear again and again under each heading in a somewhat tedious manner.

American, like all other history, clearly demonstrates that artillery cannot be readily created when a war breaks out; but it must be carefully trained and organized beforehand in peace time: even if the nation to which it belongs is full of resource and energy. Our own mounted artillery is now perhaps more fully equipped and better organized than at any previous period; but even under present arrangements it is difficult to see how a sufficient force of field artillery could be provided in the event of the services of our large bodies of militia and volunteers being really required; they number in their ranks large bodies of garrison artillery, but their mounted force is almost *nil*.

#### PRESENTATION TO MAJOR LIKELY.

The officers of the 62nd St. John Fusiliers met together, last evening, to say farewell as a body to Major H. D. Likely, lately of that corps, but now an inspector of the North-west Mounted Police, who leaves this evening for his new duties. Before the final good-byes were said, Major Tucker, on behalf of the lieutenant-colonel and officers, spoke a few words to Major Likely, when he referred to his long connection with the 62nd and the interest he had taken in, and the work he had done for, the corps, while regretting that his connection with them had severed, they one and all were rejoiced to hear of his good fortune, and would follow him to his new sphere of labor with the best of wishes. Major Tucker then presented him with a very handsome gold hunting case watch, suitably inscribed, as a slight token of their regard for him, and hoped that the sight of the watch would often remind him of his old comrades of the Fusiliers.

Major Likely made a neat and feeling reply, and hoped to find as pleasant a time among his new friends as he had had among his late brother officers. With a cordial farewell and many good wishes the officers dispersed.

The watch is a gold hunting case with the Major's monogram outside, and inside is engraved—"Presented to Major H. D. Likely, by the officers of the 62nd St. John Fusiliers, October, 1885."—*St. John Telegraph*.

#### DOMINION ARTILLERY ASSOCIATION.

We publish herewith the scores made by the field batteries throughout the Dominion in their annual practice, as obtained from Capt. Donaldson, Secretary D.A.A. This firing was done under militia general orders of the 31st July last, and the same scores are taken by the Artillery Association for their prize competition. The list of prize winners will be published as soon as completed.

All the Ontario batteries fired at Toronto, the Ottawa battery firing first, on the 29th September, and the whole getting through on the 5th October. The weather was generally fine, though the first brigade fired in a heavy rain. Practice was delayed on the Friday until two p.m., owing to thick fog.

The three Province of Quebec batteries practiced from the Island of Orleans, near Quebec, between the 29th September and 6th October. The Montreal battery, which made the best shooting, fired through a storm, the deflection given varying from 15 to 21 minutes.

The Newcastle battery fired on the 26th August, at their local headquarters, while performing their annual drill, at a range about 100 yards longer than specified. They used the new rifled guns for the first time. They had to allow a deflection of from 9 to 15 minutes right.

The Shefford field battery have not in the past affiliated with the D.A.A., and no return of their practice has been received. They will probably fire at local headquarters, Granby.

The Woodstock battery have not yet fired, owing to a difficulty in finding a suitable range.

The Sydney battery have never organized, though their battery was sent to them three years ago.

The Winnipeg battery, which completes the list of this arm of the force, does not practice this year in consequence of having been on active service.

The practice of the three Quebec battalions was superintended by Major Short, that of all the others by Lieut. Col. Cotton, Asst. I. of A.

#### Ottawa Field Battery.

##### PRELIMINARY.

Sergt.-Major Peck..... 23	Sergt. Punchard..... 10	Gr. Stewart..... 24
Q.M. Sergt. Bliss..... 5	Sergt. May..... 22	Gr. Langton..... 11
Gr. Slack..... 20	Corp. Ingram..... 2	Gr. Cowan..... 22
Sergt. Bell..... 13	Corp. Hood..... 9	Gr. Shore..... 10
Sergt. Dunnett..... 5	Br. Moore..... 25	
Sergt. Pinkerton..... 4	Br. Johnston..... 12	
		<b>217</b>

##### FINAL.

Br. Moore..... 32	Sergt. May..... 22	Sergt. Bell..... 25
Gr. Stewart..... 15	Gr. Cowan..... 26	Gr. Langton..... 19
Sergt.-Major Peck..... 21	Gr. Slack..... 20	
		<b>180</b>
		<b>217</b>

Aggregate..... 397

#### Durham Field Battery.

##### PRELIMINARY.

Q.M. Sergt. Ferguson....	Gr. Crigger..... 2	Gr. Sharp..... 2
Sergt. Snider..... 8	Gr. Trow..... 4	Corp. Harvey..... 23
Sergt. Emerson..... 2	Gr. Teacock..... 3	
Sergt. Perkins..... 8	Gr. Kincaid..... 5	<b>74</b>
Gr. Taublyn..... 3	Gr. Hamilton.....	Hit not credited..... 6
Gr. Smith.....	Gr. Pearce..... 6	
Sergt. McMahon.....	Sergt.-Major Metherill.. 10	<b>80</b>

##### FINAL.

Corp. Hovey..... 3	Gr. Pearce..... 12	Gr. Taublyn..... 12
Sergt.-Major Metherill.. 21	Gr. Kincaid..... 25	Gr. Snider..... 6
Sergt. Perkins..... 23	Gr. Trew..... 9	
		<b>105</b>
		<b>80</b>

Aggregate..... 185

#### London Field Battery.

##### PRELIMINARY.

Sergt. Wilson..... 9	Corp. Demsey..... 13	Gr. Howell..... 13
Sergt. Colorick..... 12	Corp. Blinkhorn..... 12	Br. Williams.....
Sergt. Hood.....	Br. Rankin..... 21	Gr. Bradley..... 23
Corp. Taylor..... 32	Gr. Barrett..... 32	Gr. Keillor..... 21
Corp. Case.....	Gr. Robinson..... 19	Direct hit not credited above 6
Corp. Lily..... 22	Gr. Brown..... 10	
		<b>245</b>

##### FINAL.

Corp. Lily..... 23	Gr. Barrett..... 25	Gr. Keillor..... 15
Corp. Dempsey..... 26	Gr. Robinson..... 5	
Corp. Taylor..... 2	Br. Rankin..... 26	Gr. Bradley..... 24
		<b>146</b>
		<b>245</b>

Aggregate..... 391

#### Welland Canal Field Battery.

##### PRELIMINARY.

Sergt. Hodgins..... 13	Gr. Hennekie..... 9	Gr. Hostett..... 3
Corp. Jeffrey..... 2	Gr. Robinson..... 12	Gr. Clifford..... 26
Sergt. Eccleston..... 9	Corp. Bradt..... 21	Gr. Gauder..... 22
Q.M. Sergt. Cholew..... 10	Sergt. Williams..... 2	Br. Hallet..... 11
Gr. Gibson..... 14	Sergt.-Major Mezler..... 26	Direct hit not credited above 18
Sergt. King..... 14	Corp. Canuber..... 11	
		<b>223</b>

##### FINAL.

Sergt.-Major Mezler.....	Corp. Bradt..... 27	Sergt. Hodgins..... 18
Gr. Clifford..... 14	Gr. Gibson..... 26	Gr. Robinson..... 19
Gr. Gauder..... 9	Sergt. King..... 6	
		<b>119</b>
		<b>223</b>

Aggregate..... 342

#### Gananoque Field Battery.

##### PRELIMINARY.

Sergt.-Major Lloyd..... 18	Br. Trickey..... 32	Gr. Stock..... 21
Q.M. Sergt. Kerr..... 12	Br. Tinney..... 21	Gr. Sackney..... 10
Sergt. Knight..... 16	Br. Johnson..... 5	Gr. Cameron..... 13
Sergt. Mills..... 21	Gr. McKenzie..... 23	Gr. Gaylord..... 11
Corp. Lloyd..... 22	Gr. Cowan..... 3	
Br. Cliff..... 23	Gr. Obey..... 14	
		<b>265</b>

##### FINAL.

Br. Trickey..... 18	Corp. Lloyd..... 11	Sergt. Mills..... 8
Br. Cliff..... 32	Gr. Stock..... 24	Sergt.-Major Lloyd..... 27
Gr. McKenzie..... 21	Br. Tinney..... 29	
		<b>170</b>
		<b>265</b>

Aggregate..... 425