

lop, C.B., fired the next two rounds. No. 7 was with fifty grains of gun cotton, Mr. Dunlop making a bull's-eye, while with No. 8, firing eighty-five grains of gunpowder, the bullet went to the low right. The general result at this target showed that better shooting was made with fifty grains of gun-cotton than with eighty five grains of gun-powder, the difference in the trajectory being about two feet. In order to test if this difference remained constant at longer range the party removed to 600 yards. Lord Elcho again took the rifle, and with fifty grains of gun-cotton made a centre left; the second round at this range was with eighty-five grains of gunpowder, which lodged the bullet in the bank below the target. Mr. Dunlop fired rounds Nos. 3, 4 and 5 at this range with fifty grains of gun-cotton each time to get the range, No. 3 being low, No. 4 going to the left, and No. 5 being an outer high left. No. 6 was with eighty-five grains of gunpowder, the shot falling low. The fact previously alluded to was by this means established—viz., that difference between the trajectory of gunpowder and that of the new gun-cotton remained constant, or as nearly so as could be judged, under the varying conditions of range and marksman.

"All the gun-cotton that had been used hitherto was from one batch in the manufacture. Mr. Punshon, however, had with him of his cotton in which a slight variation had been made in the manipulation and by which he hoped to get greater strength, and two rounds were fired with this by Lord Elcho at 600 yards. The charge in each case was fifty grains, and the result in each case was a low trajectory, showing that the gun-cotton was weaker rather than stronger than that which had been used previously; its power, in fact, was about equal to that of gun-powder. The final trials were for rapidity and accuracy combined, and they were made by Mr. Punshon firing ten shots with fifty grain gun-cotton charges at 100 yards. The time occupied was seventy-seconds, Mr. Punshon making four bull's-eyes, two centres, and four outers. The experiments were highly satisfactory, and demonstrated as far as they went, the perfect adaptability of Mr. Punshon's gun-cotton for use in small arms and its decided superiority over gunpowder in the several respects we have indicated, to which we may here add that of uniformity. It should be stated that the whole of the gun-cotton used had passed through the hands of Mr. William Valentin, Demonstrator of Practical Chemistry at the Royal College of Chemistry, London, and who has made satisfactory analyses of samples from the bulk of which the cartridges were made up."—*Times*, 15th April.

RIFLE MATCHES.

THE 4th ANNUAL MATCH OF THE COUNTY OF PERTH RIFLE ASSOCIATION.

Was held at the range here on the 27th and 28th of last month. On the whole the shoot was very superior—indicating that these annual matches create a laudable spirit of rivalry among the volunteers.

The following are the names of the successful competitors:

First Match—Ranges 200 and 300 yards—5 shot at each range.

1st. Captain Oronhyatekha, 32 points, \$6.

2nd. Captain Parkinson, 30 points, \$5.

3rd. Pte. Bethune, 29 points, 2 vols. Good Words, presented by Col. Daly.

4th. Pte. Gordon, 22nd Battalion, 29 points, \$2.

5th. Sergt. Robertson, 29 points, \$1.50.

6th. John Burch, 29 points, \$1.

7th. J. Turner, 28 points, \$1.

8th. John Thom, 28 points, 50c.

9th. Sergt. Upthegrove, 27 points, 50c.

Second Match,—Ranges 300 and 400 yards

—5 shots each range.

1st. Sergeant Jackson, 7th Battalion, 36 points, \$6.

2nd. Captain Oronhyatekha, 34 points, \$5.

3rd. R. Hay, 33 points, half barrel ale, presented by Grant & Son.

4th. J. Burch, 33 points, \$3.

5th. Sergt. Upthegrove, 32 points, \$2.

6th. Pte. Galbraith, 32 points, looking glass, by D. Campbell.

7th. Pte. Bethune, 32, \$1.

8th. J. G. Turner, 31 points, 50c.

Third Match,— Ranges 400 and 500 yards

—5 shots each range.

1st. Pte. McCrae, 36 points, \$6.

2nd. Capt. Oronhyatekha, 33 points, \$5.

3rd. Private Bethune, 32 points, silver vase, by E. S. Whitehead.

4th. Captain Parkinson, 32 points, \$3.

5th. Sergt. Upthegrove, 31 points, \$2.

6th. Sergeant Robertson, 31 points, lamp, Boxall.

7th. J. G. Turner, 30 points, \$1.

8th. J. Burce, 29 points, 50c.

Fourth Match—Ranges 500 and 600 yards

—5 shots at each range.

1st. Pte. Bethune, 31 points, silver cup, by Captain Oronhyatekha.

2nd. Pte. Gordon, 22nd Battalion, 29 points, \$6.

3rd. Pte. McCrae, 28 points, \$5.

4th. Major Scott, 28 points, a hat by Major Stephenson.

5th. J. Burch, 28 points, \$2.

6th. J. Thom, 25 points, pair kids, Gordon Bros.

7th. Capt. Oronhyatekha, 25 points, \$1.

8th. Pte. Galbraith, 24 points, 50c.

Fifth Match— Ranges 200, 500, and 600 yards—5 shots at each range.

1st. Pte. Anderson, 45 points, \$10.

2nd. J. Thom, 44 points, \$8.

3rd. Captain Parkinson, 40 points \$6.

4th. Pte. Bethune, 40 points, \$4.

5th. Sergeant Jackson, 38 points \$2.

6th. Pte. Galbraith, 37 points, Tea pot, by J. J. Odbert.

7th. Private McCrae, 37 points, \$1.

8th. R. Hay, 37 points, 50c.

Sixth, or consolation match, range 400 yards, 7 shots.

1st. Pte. Galbraith, 26 points, \$5.

2nd. Sergeant Upthegrove, 25 points, \$4.

3rd. Pte. Roddick, 24 points, \$3.

4th. J. Burch, 23 points, \$2.

5th. Major Scott, 23 points, \$1.

6th. Sergeant Robertson, 22 points, 50 cents.

Three prizes were awarded to the highest aggregate scores, as follows:

1st. Pte. Bethune, 164—\$20 and badge, by the Ontario Rifle Association. 2nd, Capt. Oronhyatekha, 160—\$10. 3rd, Pte. McCrae, 154—\$5.—*Strathroy Herald*.

THE PRINCE OF WALES VS. THE VICTORIA RIFLES (28).

The return match between the Prince of Wales and the Victorias took place at Point St. Charles on Saturday afternoon, and resulted in favor of the latter.

The weather was not favorable for good shooting, but notwithstanding some very good scores were made. At the hour appointed the Prince of Wales team appeared on the ground, but one of the Victorias was missing, and having no spare man to fill his place

the match might have been claimed by the Prince of Wales, but they generously allowed one of the Vicks to shoot for the absentee.

At the first three ranges the "Vics" led by a large number of points, at 600 yards, however, the Prince of Wales made a gallant attempt to overhaul them, and when the last shot was fired, the "Vics" led by 20 points.

The highest individual scores were made by the Victorias, Lieutenants Andrews and Campbell each scoring 61 points. During the afternoon the ground was visited by the gallant Colonel of the Prince of Wales and his lady and a large number of friends of both parties.

PRINCE OF WALES.

	200	400	500	600	Total.
Capt. Hill	12	14	13	13	52
Sgt Stewart	13	9	15	12	49
Sgt Porteous	9	14	10	14	48
Sgt Quinn	13	19	14	9	55
Seg Wilson	12	16	13	10	51
					254

VICTORIA RIFLES.

	200	400	500	600	Total.
Lt. Andrews	13	19	16	13	61
Pte Matheson	11	18	17	10	46
Pte ———	11	17	12	6	56
Pte Costigan	13	17	16	4	50
Lt Campbell	13	18	16	14	61
					274

Victorias.....274
Prince of Wales.....254

Majority for Victorias... 20

A Fish Story.—France provides us with a perfect marvel in the way of a fish. The Journal des Debats tells the story, and with an air of seriousness that scarcely admits of doubt. It is of a carp that has just died at Chantilly, in France, at the extraordinary age of three hundred and seventy five years. If this be true, the carp was sporting in its native element when the Moors were driven out of Granada by the Spaniards, and was born some five years after Columbus first put his foot on American soil. Glass was not yet in use, and printing was not invented. It was twelve years old when Henry VIII. ascended the throne, and had survived two decades before Martin Luther was heard of! This extraordinary fish belonged to a wealthy merchant of Chantilly, who bought it about a year ago for 1300 francs. It was born on the estate of the Count de Cosse in 1497, under the reign of Francis I., and has, during its long life belonged to thirty-two different masters. If had naturally become quite an object of history, went by the name of Gabrielle, and measured ninety seven centimetres in length—between nineteen and twenty inches of our measure. There is no knowing how much longer this creature might have lived, as it did not die a natural death, but was killed in mortal combat with an enormous pike. Its owner's little son was present at the fatal battle, but, seeing in it only something to amuse him, he neither interfered nor called the domestics to separate the combatants. Only think of a fish alive in our day, and with vigor enough to fight a battle, that was born while Henry VII. of England was on the throne. It is a pity that carp left no memoirs. Its history was truly writ in water.