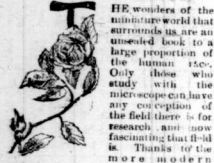


NATURE'S WEAPONS.

SOME INTERESTING THINGS REVEALED BY THE MICROSCOPE.

A Fly Possesses a Keen Saw-The Spider Uses a Comb and the Humble Caterpillar is a Dangerous Enemy.



HE wonders of the miniature world that surrounds us are an inexhaustible store to the microscope.



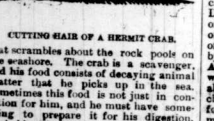
STINGING HAIRS OF A CATERPILLAR. With tools and weapons more delicate than human skill can produce, and he observes how far behind man is in the manufacture of some of the everyday implements.

The saw, for instance, he finds was invented long before it was made of steel and iron, and the common fly carries one about with him and has for ages, more delicate than man can make from it as well as the others.



STING OF MOSQUITO. Making a slit with this tiny saw (the length of the one in the illustration being about one-sixteenth of an inch) deposits her eggs in the slit and leaves them to hatch in the maggot, which she then turns back again, there are a great many styles of saws used by one fly, but the one illustrated is one of the sharpest and most delicate.

THE CRAB'S SAW. Another saw which rivals that of the fly in delicacy is furnished, not by an insect, but by the little hermit crab.



CUTTING HAIR OF A HERMIT CRAB. That scurries about on a rock pool on the seashore. The crab is a scavenger, and his food consists of decaying animal matter that he picks up in the sea.



THE COMB OF A SPIDER. Readers will see by looking at the illustration of one of them. While toasting the portion of food in the jaws those cutting hairs serve as so many knives to cut the food into bits, and after that they are greedily sucked down by the crab.

These two illustrations show that the man who invented the saw could have done so long before he did if he had possessed a microscope and had been of an investigating turn of mind.

But nature as often provides a weapon as she does a tool. All know of the sharp pointed sting of the bee, and while the majority have perhaps felt it, very few know how it looks. The pic-



SAW OF THE SAND FLY.

ture shows a good sharp one from a honey bee. The original from which the illustration is taken is a little less than one-eighth of an inch long. Connecting with these stings in the bee is a tube which runs to the reservoir of poison. The orifice from which this poison issues is so minute that it is hardly visible, but it is near the point. Another feature of this sting is the fact that along its surface from the point, there are minute barbs that turn back and are so arranged that they are so difficult to remove.

This feature is better illustrated by the illustration of the caterpillar, Euplectes, which will be readily understood by the illustration how these hairs of the caterpillar rather than the insect once get a start, they are latched on, and the sensation of them crowded

into the flesh at every movement is not pleasant.

AN UNBARBED STING.

The sting of the mosquito which is shown in one of these forms, but when magnified it is a villainous looking affair. No wonder, with such a sharp tool as this, that the tiny mosquito (the male has no sting) can so successfully pierce blood after alighting on an unsuspecting victim.

The comb which nature has given the spider comes more properly under the head of a tool rather than a weapon, and is located in the foot. Each foot is supplied with a set of teeth which are made of chitin, and are so arranged that they are so perfect in structure. The spider could not be well illustrated in an ordinary engraving.

STING OF A BEE.

There are a few of the curious things revealed by the microscope, and during the time among other things said that he would go to Halifax after nomination day, and would not return to the county till after polling day. The Hon. W. H. Owen was the next speaker.

He abused the Fielding government and everything that looked like a Liberalism in the roundest and fullest terms. Mr. C. E. Kaulbach spoke about ten minutes. He expressed himself as anxious to see a vigorous fight between it and help him in the next federal campaign. Count. Kedy of Chester Basin thought opposition, no matter how weak, was absolutely necessary from the standpoint of party permanency. This was followed by an adjournment which brought to a close the most lifeless party convention ever held in Lunenburg county.

The Liberal Convention met at Mahone on Tuesday of this week. It drew some 175 Lunenburg town men, 50 Bridgewater men, the full force from Chester and many others from the various other sections. A nominating committee of not less than 40 of the best men of the party was chosen and after being out less than ten minutes returned and reported that they had selected Hon. C. E. Church and John D. Sperry, Esq. The reporting was dotted without a dissenting voice, after which the candidates accepted the nomination in brief and well timed speeches. The convention was also addressed by Dr. Lavers of New Ross who is one of the brightest platform speakers to be found in any county. Mr. Henry Ross barrister of Bridgewater made a speech that was well received by the convention, and then was addressed by Mr. K. McLean who made his maiden political speech in this county and frequent bursts of applause showed that he pleased his hearers almost beyond mention. Messrs. Eisenhauer,

ELECTRIC CARRIAGE.

It Will Travel 44 Miles With a Single Charging.

A new electrically-propelled carriage was introduced by Mr. Paul Pouchon, of Armentieres, France. The carriage will carry six persons. The electrical energy is supplied by a battery of 54 Dujardin accumulators. The motor is of the Rechinowski type, with an output of 3000 watts. It is fixed in the center of the vehicle, and transmits its power by chain gearing to the driving wheel. According to the inventor, the total weight of the carriage and equipment is about one and one-third tons. One charge of the accumulators is sufficient for a journey of 44 miles at a speed of 10 miles per hour.

Remarkable Stalactite Caves in Utah.

Two of the most wonderful stalactite caves in the world are located within the territory of Utah—one five miles south of Toquerville and the other 25 miles west of St. George. Neither is remarkable on account of size, and to the best of my knowledge the dignifying title of "Cavern" has never been bestowed upon either of the two. They simply come within the category of the wonderful because of the immense number of stalactites of various sizes and colors which depend from their roofs. The first, the one near Toquerville, is known as La Virgen, and is so called by the name of the Black Warrior.

The Virgin was discovered a few years ago by the contractor of an irrigating company, who was engaged in driving a tunnel through a mountain, called "La Virgen Bend" for the purpose of tapping the river beyond. When the light was first let into this wonderful underground chamber, the effect is said to have been startling, the roof and floor glittering with cones and points of crystal alum and the roof studded with millions of rain or delfoid stalactites.

The "Black Warrior" cave is a counterpart of the Virgin and was discovered by miners at a point where their tunnel was 985 feet beneath its surface. St. Louis Republic.

CANDIDATES NOMINATED

On Monday of this week the Conservatives held their Convention at Mahone Bay. It was patronized by some 50 or 60 Lunenburg town men, four men from Bridgewater, one or two of the faithful from Chester and between 75 and 100 others, mostly citizens from Mahone and adjoining sections. On the arrival of the town contingent, the leading party men in private caucuses at Mader's hotel at about two o'clock, where they remained for some two hours endeavoring to find candidates. Of course we were not on hand to hear and see the things that were said and took place, but persons claiming to be present have informed us that the lead-ership's best to induce Dr. Pickles of Mahone to allow himself to be nominated, but their pathetic appeals failed to arouse the party patriotism of Dr. who with apparent emphasis gave them to understand that he was "not in it." Then the appeal was turned on Councillor Kedy of Chester Basin who also refused to accept the proffered honors. After "tackling" several other strong party men with like results, Mr. J. A. Hirtle, merchant of this town and Mr. J. A. McLean, barrister of Bridgewater, half heartedly consented to allow themselves to be named as candidates before the convention. Being unable to better this team, the private caucus dissolved about four o'clock and repaired to the hall, when the task of selecting a nominating committee was undertaken. Nine delegates were chosen and they went into an adjoining room from which they in a few moments emerged and reported that Messrs. McLean and Hirtle were the choice of the committee, and the convention unanimously adopted the report of the committee. This was followed by speech making. Candidate McLean was the first to take the rostrum. He spoke about ten minutes and during the time among other things said that he would go to Halifax after nomination day, and would not return to the county till after polling day. The Hon. W. H. Owen was the next speaker.

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Wade and Howe were called to the front, and responded briefly. The chair was occupied by Mr. Allan R. Morawh who presided to the satisfaction of all concerned and in opening the deliberations made a telling speech. The hall was packed from stem to stern, he was greeted by some hundred persons being present. Time honored Liberals claim that it was the finest convention ever held in the county.

MR AND MRS CHEERFUL

On the evening of the twentieth inst., the Band of Hope gave an excellent entertainment in the Methodist church, Ritcey's Cove. This entertainment, which consisted of readings, recitations and music, both vocal and instrumental, was given in honour of Mr. and Mrs. Cheerful's golden wedding. The old gentleman informed us that he was now one hundred and two years old, and that his partner was two years younger. The old couple were warmly congratulated by two of their children, after which the old man replied in a song entitled "Grandmother's Chair," which was a grand one. Another important feature was a recitation entitled the "Fountain Spray," which was given by five of their great grand-children. Near the close, grandmother Cheerful herself recited "Silver Hells of Memory," with a voice as strong as that of a girl of eighteen. This grand celebration closed with a tableaux entitled "Faith, Hope and Charity." At the close each member received a bagful of candies, and an orange as a reward for their cheerfulness. The proceeds arising from the admission fee amounted to \$14.65.—Com.

PETITE RIVIERE ITEMS

The P. R. Brass Band has regular practice in Mr. J. D. Sperry's hall on Saturday and Monday evenings on the latter of which Mr. William Hebb band master has been giving instruction. The band is preparing for a concert which will take place in the near future. On the 18th and 19th inst. the ladies of the Methodist congregation held a Pie Sociable in the basement of Wesley church. The proceeds amounted to \$55.30. This was appropriated towards liquidating the debt incurred by repairing the interior of the basement.

MARRIAGES

At Mahone Bay on the 21st inst by the Rev. J. W. Crawford, Cor-nelius Leino, and Emma Mosher, both of Mahone Bay. At West Dublin at the residence of the bride by the Rev. Henry Crawford on the 11th day of February, Mr. James Omer, son of John Oxner to Miss Rose Romkey, daughter of Jacob Romkey. Feb. 21st, at Methodist church, Mahone Bay, by Rev. R. McCra-ther, assisted by Rev. W. Brown of Aylesford, Titus S. Westhaver to Armistis C. Mader, both of Mahone Bay.

DEATHS

At Fuxburgh, Feb. 14th, Regina Elizabeth, beloved wife of Alexander Hughes, in the 65th year of her age, leaving a husband five daughters and a large circle of friends to mourn their loss-her last wish was peace. Halifax papers please copy.

Visit to our Neighborhood A GREAT OPPORTUNITY. RUPTURED AND DEFORMED. THE success in relieving or overcoming the above is in knowing the difference between the various causes and in adjusting a suitable instrument to meet the case. Charles Cluette of Toronto has been established for years and has treated 27 patients in thousands of his trusses have been sold, and its praise of curing rupture entirely is borne out by scores of cases. The rare adaptability of Mr. Cluette in the mechanical field to relieve any deformity has also been well tested and proven. Innumerable cases made under his superintendence in his own factory. People ruptured and deformed, such as white swelling, club feet, spinal curvature, etc. should meet him on his trip. Physical instructions will be loaned free to have such an experienced and responsible man as Mr. Cluette coming so near to us, of great importance, and his judgment in your case should be sought for, which requires personal examination and masterpieces for the proper article. Will visit personally at the following places: Amherst, N. S. Terrace Hotel, Mon. March 19. Truro, N. S. Parker House, Tues. March 20. New Glasgow, N. S. Vendome Hotel, Wed. March 21. Halifax, N. S. Victoria Hotel, Thurs. March 22. Halifax, N. S. Halifax Hotel, Friday Satur. March 23, 24. Antigonish, N. S. Union House, Mon. Tues. March 26 noon 27. Yarmouth, N. S. Lorne Hotel, Wed. March 28. For further particulars write to: CHAS. CLUETTE, 134 King St. W. Opposite Boscawen House, Toronto, O. 11

Wanted

A girl to do general house work. Apply this office.

Wanted

The pharmacopoeia set using recommended iron wire as material for iron preparations. Medical, being steel and therefore pure, is also often applied and yields sufficiently pure preparations. More lately users have been recommended for this purpose soft steel drillings, being cheaper, purer and not so difficult to dissolve as wire, which by the various process of forging, hammering, rolling and final drawing become stronger and harder. The more impure an iron the quicker it will dissolve, but the same piece of iron or steel will more rapidly dissolve in active fluids after retirement from the White House. Buchanan was elected president at 66 and retired at the age of 70. Tyler was a member of the provisional confederate congress at the age of 71. John Adams, at 85 years of age, was a delegate to the convention for revising the constitution of Massachusetts. John Quincy Adams was elected to congress by the anti-Mason party when he was 64, and he remained in congress for a period of 17 years. He died in the last of his life. James Monroe retired from the presidency at 67, was a regent of the University of Virginia with Madison and Jefferson at 68, but declined to serve as an elector from Virginia at 70 on the ground that an ex-president should not be a partisan, but afterward acted as a local magistrate and was a member of the constitutional convention of Virginia. Andrew Jackson was 70 when he left the White House—Washington Star.

Wanted

Those who take an orange every morning may like to try the manner of eating them that prevails in the land of oranges. Take a thin-skinned orange, thrust a fork through it from the stem end, and with a sharp knife cut the rind away, beginning at the fork and cutting downward. Place the orange on its side for half an hour and bring it to the table with the fork still in it. If oranges are good, they can be eaten from the pulp with perfect ease and with much satisfaction. This method will be experienced in any other way of serving.—Chicago Herald.

Wanted

See C. & W. Whitney's celebrated 115 English-Print, 32 inches wide, 14-16. See Can. Print 6c & 10c, pattern choice, Quality Extra. See C. & W. Whitney's White Sheet, 24 in. 30c, 40c, 50c. White Cotton at 10c. Great Cotton at 8c. All Special Values.

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