

STRANGE BEHAVIOR OF CERTAIN METALS.

In the beginning of man's acquaintance with metals only the softer ones, such as copper, gold, silver and tin, were mined and worked up into utensils, weapons, etc. It was early discovered that an alloy of copper and tin produced a reasonably hard metal called bronze, which was suitable for cutting instruments, and although not as hard as flint, was easier to work and did not break. Then began the bronze age of history.

An alloy is a compound of two or more metals. Alloys generally possess properties vastly different from the parent metals. For instance, gold is the most ductile of all metals; it may be drawn into the finest wire or beaten into a transparent film finer than the thinnest tissue, and yet, mix the smallest quantity of antimony with gold and it is not ductile at all. Copper and tin mixed together produce an alloy with a higher gravity than either of its constituents, and the same weight will occupy less bulk. Copper and antimony produce a beautiful violet blue alloy.

By mixing together eight parts by weight of bismuth, five parts of lead and three parts of grain tin, an alloy is produced which will melt at so low a temperature that a spoon made of it will melt when it is immersed in hot tea and yet the melting point of each of its components is at least twice that of boiling water.

A small quantity of manganese makes iron almost indifferent to magnetism, while a bit of tungsten will increase its magnetic powers. Copper is a good conductor of electricity, but if a little arsenic be mixed with it it becomes almost a non-conductor. A little tungsten makes steel very much harder. Lead and antimony are used for making type metal because the alloy has the peculiar property of expanding when it cools.

DURHAM DRUGGIST PLEASES CUSTOMERS

Macfarlane & Co. report customers greatly pleased with the QUICK action of simple buckthorn bark, glycerine etc., as mixed in Adler-i-ka. This simple remedy drains the old foul matter from the bowels so THOROUGH that ONE SPOONFUL relieves almost ANY CASE of constipation, sour or gassy stomach. It is so powerful that it is used successfully in appendicitis. Adler-i-ka never gripes, and the INSTANT action is surprising. 1017v29s9

Hardware

The Red Front Hardware Store is the place to get your Guns and Ammunition. Although the war is raging and prices in Ammunition have gone up, still we have not raised our prices.

Have you got a Gramophone? If not you should have one. We have some good ones, and our prices are right. We also have a well selected stock of Records for you to choose from.

Who would be without a Flashlight when you can secure them and Batteries at our Store so cheap.

You can well afford to give your old Razor away when you find out the price of our New ones, and our Razor Straps are just as cheap, as we received a fresh supply this week.

W. BLACK

FLESHERTON.

At a special meeting of Artemesia council on Saturday a strong deputation from Eugenia and Ceylon presented petitions from the ratepayers of the villages praying the council to take the necessary steps to have electric light supplied to them by the Hydro Commission. This will doubtless be secured, though there may be a little delay in completing the contracts to satisfy all parties. A representative of the Commission was present to give information.

Mr. Fred Brown had his buggy considerably damaged by being run into by another vehicle when returning from Markdale fair last week.

Mr. and Mrs. R. Wheelen have returned from Toronto, to reside here for the winter.

Sergt. Thos. Davis, son of Mr. Davis, who has been for some time at the front, was reported in the casualty list of the daily papers last week as wounded and suffering from shock, but no official report yet to his parents.

Miss May Jamieson, nurse, of Montclair, N.J., is home visiting her mother and invalided soldier brother.

Mrs. D. McTavish, who was taken very ill with heart weakness while returning from the Women's Institute meeting some days ago is, we are pleased to report, improving.

Married.—At Sherbourne street Methodist church, Toronto, on Thursday, October 14, 1915, by Rev. W. T. G. Brown, Miss Tillie Wright of Dauphin, Manitoba, to Mr. Stanley Thurston of Toronto.

The young couple are on their honeymoon here, visiting the groom's parents, Editor and Mrs. Thurston, and we join in the congratulations and many good wishes for their happiness and prosperity.

A number of the ladies of the Methodist church joined in a quilting in the school room of the church on Monday afternoon at the invitation of Mrs. Clayton, one of the oldest members of the church, who is presenting the pastor's wife with three friendship quilts. The needlewomen enjoyed the usual social cup of tea.

Mrs. Silas Shunk visited friends at Woodbridge and King City the past week.

Principal Holland was taken ill on Sunday with gall stones, and will probably be unable to teach for a few days. Principal White of the high school was also ill on Monday and off duty.

Mr. and Mrs. Munshaw, Mr. Weese and Miss Long, were at Meaford on Sunday.

Frank Patton and Howey McCauley, new recruits on Monday, together with Joe LeGard, Elwyn Jamieson and Fred Bellamy, go to Owen Sound on Wednesday to enter on training. Fourteen from Flesherton have now enlisted for the war.

Miss Oldham visited over the week end with friends at Hanover. Mrs. Wes Breen, who was at Orillia on an extended visit and rest, has returned home improved in health.

Mr. Hugh McPherson, who was taken to Owen Sound hospital last week, and operated on for appendicitis, is reported recovering.

Mr. Albert Stewart and Mr. Alex McRae have returned from the west, and report a big harvest, but threshing somewhat delayed by wet weather.

Mrs. J. D. Clarke of Ottawa is visiting her mother, Mrs. J. W. Armstrong, who continues very ill.

Mr. Frank Tate of Lucknow motored over on Saturday, and will be accompanied home by Mrs. Tate and the children.

Mr. Frank VanDusen of Chesley paid his mother a short visit a few days ago.

Mrs. W. A. Armstrong was a delegate to the Epworth League convention at Dundalk last week.

Mr. Will Somers of the Standard Bank, Calgary, left for the west on Monday, after a holiday at his old home in Osprey.

Miss Olaf Henderson is leaving on Tuesday to reside in Toronto.

Mr. Jim Henderson of Moose Jaw paid his uncle, W. J. Henderson, a short visit before going to his old home in Osprey.

Mr. and Mrs. W. H. Thurston announce the engagement of their daughter, Florence Estelle, to Mr. N. Havelock Durrant of Mitchell. The marriage will take place quietly the end of this month. On Wednesday evening the bride to be will receive a miscellaneous shower from her young lady friends here.

Miss Hutton of Durham visited over the week end at Mr. T. J. Fisher's.

SUNDAY SCHOOL.

Lesson IV.—Fourth Quarter, For Oct. 24, 1915.

THE INTERNATIONAL SERIES.

Text of the Lesson, II Kings vi, 8-17. Memory Verses, 16, 17—Golden Text, Ps. xxxiv, 7—Commentary Prepared by Rev. D. M. Stearns.

In last week's lesson the conduct of Elisha, the man of God, was truly grand as he made it manifest that he did indeed stand before the living God, not cringing to nor fawning upon any human greatness nor seeking anything from any one but the Lord alone. His covetous lying servant could not understand it and brought upon himself the leprosy of Naaman. "Take heed, and beware of covetousness," for "covetousness is idolatry" (Luke xii, 15; Col. iii, 5).

The opening verses of our lesson chapter tell of Elisha going with the sons of the prophets to Jordan to obtain material to enlarge their dwelling, which had become too strait for them. We are not told what school this was, but probably the one at Jericho, for that was nearest to Jordan, and perhaps the same young men who searched in vain three days for Elijah. It looks as if there was an increase in the number of students, and if so it may have been because of the translation of Elijah. This I do know that the truths concerning the coming of Christ and associated events always lead to increase of interest in Bible study. The lost ax recovered by a bit of tree cast into the water, which made the iron swim, makes me think of the tree which made the waters of Marah to lose their bitterness (Ex. xv, 25) and of Him who is the tree of life, who alone can recover the lost or sweeten bitter waters.

In our present lesson the king of Israel was delivered several times from the king of Syria because of the timely warnings of Elisha, so that the king of Syria believed that he had a traitor in his army who was a friend of the king of Israel. He called his servants to inquire which of them it was who revealed his plans to the king of Israel. It was thus that he learned that there was no traitor among his people, but that there was a prophet in Israel who could tell his king everything, even the words he spoke in secret (verses 8-12).

Then the king of Syria determined to capture Elisha and sent horses and chariots, a great host, who came by night and compassed the city of Dothan, where Elisha was (verses 13, 14). In the morning Elisha's servant, seeing this great host, was filled with fear, and said, "Alas, my master, how shall we do?" Elisha calmly replied, "Fear not, for they that be with us are more than they that be with them" (verses 15, 16). Elisha could make the words of David his own, "Though an host should encamp against me my heart shall not fear" (Ps. xxvii, 3). He could say with Paul, "If God be for us who can be against us?" (Rom. viii, 31.) Oh, the rest of such confidence in God, the victory of such a consciousness of the unseen! Moses endured as seeing Him who is invisible. David also realized in a remarkable degree the presence of the Lord.

Our Lord Jesus when he was here was ministered to by the angels and said that He could have legions of them for the asking. As Elisha endeavored to quiet his servant he said, "Lord, I pray thee, open his eyes that he may see." And the young man saw the mountain full of horses and chariots of fire round about Elisha (verse 17). Oh, for such a sight of unseen realities! But then comes the word, "Blessed are they that have not seen, yet have believed." "We walk by faith, not by sight" (John xx, 29; II Cor. v, 7). I do believe that the angels (not our friends who have died) are ministering to the redeemed on the earth, the heirs of salvation (Heb. i, 14). I often say to my people and to the classes that I know that I have two congregations, those whom I see and the invisible angels who desire to look into the things of which we speak (I Pet. i, 12).

As the Syrians came to take Elisha he said, "Lord, I pray Thee smite this people with blindness," and He did so. Then Elisha said to them, "Follow me and I will bring you to the man whom ye seek" (verses 18, 19), for it was really the king of Israel whom they were seeking. They only wanted the prophet because he was hindering them from getting the king of Israel. Having brought them to the man they wanted, he said, "Lord, open the eyes of these men that they may see," and, their eyes being opened, they found themselves in Samaria in the presence of the king of Israel. At the suggestion of Elisha he prepared great provision for them, and when they had eaten and drunk he sent them away to their master. So the bands of Syria came no more into the land of Israel (verses 20-23).

It was certainly hopeless to think of accomplishing anything against a power that could so control them, and such kindness from one who could so easily have slain them all was too much for them. Such treatment from a people so remarkably protected by a prophet of the Lord completely subdued them. It looks like a great moral conquest. In chapter vii we see more of the power of God in causing the host of the Syrians to hear a noise of chariots and horses and to flee for their lives, leaving everything behind them.

"The wicked flee when no man pursueth." Nothing too hard for the Lord.

HAMPDEN.

Mr. N. Anderson spent Thanksgiving with his parents here.

The Misses Phillips of Toronto are spending their holidays with Mr. Wm. Sharp.

Mr. T. Mather of Priceville visited with the Sharp family recently.

The Fergusons of Dromore spent Sunday with Mr. John Henry.

Mr. and Mrs. Jas. Anderson and family of London spent the holiday with their parents, Mr. and Mrs. Alex. Anderson.

The sacrament of the Lord's Supper was dispensed here on Sunday, many availing themselves of the opportunity. Three new members were added to the roll.

Mrs. Wm. Little spent two weeks at her old home in Detroit.

Miss Sarah Fulton is filling the vacancy in Vickers school for a short time.

Miss Mitchell, our school teacher attended the school teachers' convention in Durham.

Mrs. McLean of Durham spent the week end with her mother, Mrs. Henderson.

A number from here attended the anniversary services held at Varney on Sunday and Monday night.

Ladies and Gentlemen

If you've not already ordered your **Fall Suit and Coat** now is the time to do it, while our stock is complete. **Fit and Satisfaction Guaranteed.**

Everything New and Up-to-date in Men's Wear always on hand. Large shipment of **Spring Hats and Caps** just arrived, which you ought to see before buying elsewhere.

G. C. Rife

Ladies' and Gent's Tailor
DURHAM - ONTARIO

Liggett's

Princess Assortment is fast becoming the most popular box of sweets with Particular People.

Have You Tried Them?

Half Pounds 35c

Pounds - 60c

Special

This Week Only

To increase the already large number of those who use Rexall Tooth Powder daily we offer this week a 20c Cuterion Tooth Brush FREE with every 25c tin of the powder.

Don't Delay—Supply is Limited

See

Our North Window for **New 50c Reprints**

"A Far Country"

By Winston Churchill bids fair to become as popular as his previous work "The Inside of the Cup".

Come in and see it

Macfarlane's Drug Store

C.P.R. Town Office **The Rexall Store** Get Tickets Here

IS YOUR HOME STILL FLAGLESS?

"While Shot and Shell Are Screaming," do honor to your brave citizen soldiers on the firing line, by joining the nation-wide movement to place a flag on every home. It is a mark of appreciation and a sense of fine fitness should impel every loyal citizen to show his colors.

Take Advantage Today of the Presentation by THE CHRONICLE

and procure

THIS UNION JACK OUTFIT

\$1.10

For a full size (5 x 3) British Union Jack in fast colors and on good bunting.

JUST CLIP THE COUPON

printed in another column and present or mail it to the office of this newspaper together with the gift amount named below.

ACT TODAY