



# Newcastle High School Magazine.

No. 25.

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Fourpence.

## SCHOOL OFFICIALS.

Head Girl	...	...	...	...	...	...	D. HAMER
Prefects—	D. HAMER, O. GRACEY, K. BOOKEY, G. HODGSHON, M. FORD, I. SMITH.						
Hockey Captain	...	...	...	...	...	...	G. HODGSHON
Vice-Captain	...	...	...	...	...	...	M. FORD
Captain of Net Ball	...	...	...	...	...	...	H. ARNESEN
Secretary of Games	...	...	...	...	...	...	S. PROCTOR
Property Monitress	...	...	...	...	...	...	M. COOK
Editor	...	...	...	...	...	...	O. GRACEY

## EDITORIAL.

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Apparently many members of the School do not yet know the way in which "matter" ought to be sent to the Editor. Most decidedly, however, it ought *not* to be sent minus an envelope, especially if coming through the post. In this case a penny stamp is preferable to a half-penny one.

It would also be a great help if a little less persuasion were required to induce certain seniors to display their talents. At present they have to be chased round the School or playground and when finally captured, nearly ten minutes have to be spent explaining to them that they are literary geniuses. They may enjoy it, but the Editor does not.



## SCHOOL NEWS.

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### A S H    W E D N E S D A Y.

On Ash Wednesday, February 5th, Canon Hamer conducted the usual service in the School Hall: his subject was "Helps," and took the form of an acrostic:

**H**umble Helps  
**E**arnest Helps  
**L**oving Helps  
**P**atient Helps  
**S**incere Helps.

As an illustration of humble helps Canon Hamer mentioned the little boys who hold the ladders for the builders—little things to do. These were the kind of helps which are required—people who will do the *little* things. Earnest, loving, patient and sincere helps are helps which everyone can understand.

L. ROBSON.



## EXAMINATION RESULTS.

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### CAMBRIDGE SENIOR.

**HONOURS.** Class I.—D. Hamer\* (m.p.a.), (Distinction in Religious Knowledge and English).

Class III.—G. Hodgshon (m.p.), G. Pestle (m.p.)

**PASSED.**—M. Ford,\* H. Ison (Distinction in History), D. Kenyon\* (p.), E. Pickering, L. Robson, K. Bookey,\* D. Cobbold, U. Wilkinson,\* M. Cook (m.p.)

### JUNIOR CAMBRIDGE.

PASSED. — M. Coates,\* W. Cobbold, A. Crankshaw, J. Dixon,\*  
E. Fletcher,\* E. Hamer (Distinction in Religious Knowledge),  
H. Robson (Distinction in Religious Knowledge),  
N. Smallwood,\* F. Wilson.

\* Passed in Spoken French.

(m.) Exempted from the London Matriculation Examination.

(p.) „ „ Part II. of the Cambridge Previous Examination.

(a.) „ „ the Additional Subjects of the Cambridge Previous Examination.

### SCHOOL LISTS.

	Stars. (Total 13)	Neatness List. (Minuses)	Gardens.	Entries in Ex. Book.			
Form VIa } .....	7	...	4	...	13	...	—
Form VIb } .....							
Form Va .....	9	...	4	...	8	...	—
Form Vb .....	2	...	4	...	14	...	4
Form IV .....	6	...	3	...	13	...	3
Form IIIa.....	6	...	3	...	10	...	3
Form IIIb.....	5	...	1	...	7	...	5
Form II .....	5	...	8	...	7	...	—
Form I .....	—	...	3	...	—	...	—
Kindergarten .....	—	...	3	...	—	...	—

### Honour Cards.

Honour Cards were awarded to the following:—Form I, Betty Inskip, Freda Ferguson, Dorothy Houseman, Dulcie Shaw, Basil Adams; Transition, Willie Alexander, Elsie Wang; Kindergarten, Ruth Morison, Noel Jupp, Marie Bacon.

### Reading Society.

This term a new feature was introduced in connection with the Reading Society, a paper being set on the last Tuesday with questions relating to the books read by each member during the term; the results of the Examination are given below. In future no prize will be given—as formerly—for the highest total.

### READING SOCIETY EXAMINATION.

#### GENERAL IMPRESSIONS.

The chief point that has impressed itself on me is that most people have understood and remembered the books that they have read. This in itself is very satisfactory.

In marking the papers great importance was attached to the completeness of the description either of the whole book or of the part read. If too short a portion was chosen this power of summarising could not be shown. Some pages showed laziness, but happily they were quite the exception.

A few, even among the good papers, showed that the writers had failed to appreciate the book chosen. In this case the choice showed an error of judgment. It is no merit to be unable to appreciate a good writer, but a misfortune which need not be paraded.

The points looked for were:—

- (1) A comprehending summary of the whole.
- (2) Interest to myself in the description.

In the lists, which will be made known later, those papers which contained both are marked Very Good. Those marked Good all had (1) and in many cases (2) also, but the latter only for the first few pages, after which it seemed that time had failed. Many of the Very Fair papers had (2) to a reasonable degree, but failed in (1).

One unpleasant habit in writing a description which annoys me considerably is that of writing a dash for a forgotten name. Besides the feeling of blankness that this gives, there is great risk of confusion as the dashes multiply.

Women are not to be called ladies except in special connections. It is specially absurd to do so in descriptions of such poems as *The Princess*, and shows a misunderstanding of the spirit of the story, which is about men and women as such.

Spelling is very weak in some cases. The weakness invades even the Upper Sixth and pervades all the forms, being most rampant in Vb.

Colloquialisms are very common in a few papers, but fortunately rare on the whole. They are to be avoided.

There is considerable latitude among the lists of authors who are ranked as good: in many cases I think this latitude too great. Also I hope that in future Conan Doyle, Anthony Hope and Seton Merriman will be credited with their own books. It is worth while to notice the style of modern moralists of note, such as these three, and also to describe their books by their correct names.

The prize-winners are as follows:—VIa, K. Bookey; VIb, A. Young; Va, I. Wilson; Vb, J. Amsden, G. Forgie.

Commended:—U. Wilkinson, Sheila Proctor.

The best descriptions were those of K. Bookey and A. Young, the best criticism that of G. Forgie, and the best list of books read for pleasure only those of M. Sinclair, I. Wilson and J. Amsden.



## Swedish Drill.

On Friday, April 11th, at 2.30 p.m., a Swedish Drill Display was given in the Gymnasium, where a large number of parents and friends were gathered. Tea was served at 4 o'clock, after which the visitors departed.

This was decidedly the best display that we have had so far at the High School. The First Division of Juniors worked well and to watch them was a real pleasure, while the Second Division gave a spirited display of apparatus work, which was interesting and which some of the spectators would gladly have prolonged.

The Third Division are doing advanced work and have come to a high standard of excellence. Their attitudes, their trimness and their general smartness were most satisfactory, and their mastery over all

their muscles is admirable. They showed us various exercises which are usually done with apparatus without using the apparatus, each girl providing the particular support needed for her partner.

Their final tableau is to be photographed for the Gymnasium as an incentive to themselves to do even better, and to others to do as well; also because, being an excellent piece of work, it is an honour to the School.

L. M. GURNEY.



## A LANTERN LECTURE ON GREEK ART.

Miss Whillis gave a most interesting lantern lecture on Greek Art last term in the School Hall, and a large number of old girls and of the Sixth Form were present. The lecture was a sketch of Greek Art from the beginning of the 5th century to the end of the 3rd. This period saw the gradual rise of Greek Art and its subsequent decline, but Miss Willis soon made it clear that it was during the middle and the end of the 5th century that the greatest sculptors lived. Miss Willis showed us many lantern slides of the masterpieces of Greek Art and pointed out to us that the first Greek sculptors had not the ability to denote curves, and so their works were for some time very stiff. The greatest sculptor of the 5th century was Pheidias, who designed the magnificent temple of the Parthenon at Athens, and also the beautiful statue of Athena Parthenos which stood within it. The Parthenon is one of the finest temples in the world and in the two pediments, Pheidias, who therein depicted legends of the gods, showed his great skill. After Pheidias the greatest sculptor of the 5th century was Polyelitus, whose works are famous. In the 4th century also three very great sculptors lived, Praxiteles, Scopas and Lysippus. Praxiteles, whose greatest work was his "Hermes," lived at the same time as Scopas, whose best-known work was the statue of Niobe. Lysippus, who worked chiefly in bronze, as a rule depicted gods, heroes and athletes. By the beginning of the 3rd century, Greek Art had quite changed, and, although two great sculptors lived during this period, the paucity of great sculptors showed that the day of Greek Art was passed.

## LECTURE ON HEALTH.

To inaugurate the Health Week in Newcastle, Dr. Collis lectured to us on April 14th on "Health." The lecture dealt chiefly with Tuberculous Bacilli. These germs cause trouble in the throat and lungs, or form a growth on bones, such as the hip joint, and on the large bones, making hunchbacks of people, and on the brain. The shape of these germs is that of a caraway seed. It is possible to place a thousand along a tenth of an inch. They have no legs, arms, wings, or fins, and have no power of movement in themselves; they are carried or blown about on particles of dust or alone. They do not require moisture to live, and die when exposed to fresh air, intense cold or sunshine; if kept hot and dark they thrive quickly. Ninety per cent. of the population have consumption at some time of their lives, though so slightly that they do not know it.

Until recent years, consumption was considered a hereditary disease; now it has been proved that it is caused entirely by infection. Many notices, therefore, are posted in trains and cars prohibiting spitting. In spite of this, however, much of this habit continues. Most of the offenders are men, and Dr. Collis thinks we might attack their wives, who would in turn explain to their husbands how they might, unknown

to themselves, have consumption, and in this filthy way propogate it. Dr. Collis said that spitting is only a habit, and the offenders do not want to harm their fellow-creatures. Then we must impress upon people the necessity of sun and fresh air in the house, because these kill germs. It is usual to keep blinds down on the plea of faded carpets, but Dr. Collis pointed out that faded carpets are better than faded health.

We have in us white blood cells, which, when healthy, pounce down on the Tubercle Bacillus and eat it up. When poison enters the system, and these cells are able to carry it away all is well; if not, they die and cause trouble. Sometimes they are lazy and will not hurry to resist the Tubercle Bacilli; fresh air keeps these blood cells healthy.

Fresh air and draughts do not cause colds. It is the bad air in stuffy rooms and places of amusement, etc., which does so.

Poor people sleep in bedrooms far too small. Often they make the best room in the house into the "parlour" and keep it for Sunday evenings and the clergyman's visit. We must induce people to give up their "best" room, and make it into a decent bedroom, where a third part of life is spent.

Flies are one of the chief causes of disease, for they frequent the dirtiest places and bring infection into houses. One preventative of this is to sprinkle chloride of lime on all refuse; we must always treat flies as enemies, and lay as many snares for them as possible.

Dr. Collis then caused some amusement by showing us feeding-bottles for babies. First he showed the old-fashioned kind with the long rubber tube, and one mouth; the advantage of this was that the baby could be left alone without fear of an accident, but Dr. Collis said that it was impossible to keep it clean. He then showed a later kind with a hole at either end; at one end there is a teet and at the other a cap. Somebody must hold this kind while the baby is drinking, but it is much cleaner in every way.

Rickets is a disease of the bone, common among children, and often caused by giving the children milk with the cream taken off.

\* \* \* \* \*

With this Dr. Collis concluded a most interesting and instructive lecture, and one which made a wonderful impression on all of us.

M. FORD.



## FORM NOTES.

### FORM VIa.

When we returned to School this term we received a pleasant surprise, for Miss Gurney had managed to get us a study. A partition had been put up in the former Mistresses' room, and the Lower Sixth were to have the first part. Our study has a row of shelves at one end, our bookshelf behind the door, a long table in the middle of the room and desks in the corners. At first we were very cold, but a radiator has been put in, and especially as the weather is getting warmer, it is much better. Our work was unsettled at the beginning of the term, but when the Cambridge results came out—they were very gratifying—we began to work in earnest.

VIa and VIb each got up a team for the Hockey Cup, but as ours had only seven players, we were put out in the first round. Still, we hope that Va, who defeated us, will not defeat VIb also.

MARY C. COOK.

[N.B.—Va has since defeated VIb in the Final round.—Ea.]

#### FORM VIb.

The Editor has asked me to write the Form Notes, knowing perhaps that this summer term will be my last at school—but, "'Tis better to have loved and left than never to have left at all."

The result of the Final for the Form Hockey Cup was disastrous for us; but we intend to keep the Sports Challenge Cup (if we can). So intending competitors—Beware! We also hope to win the gardening prize. Our garden, at the moment of writing, is in a very flourishing condition, were it not for the entire absence of flowers. Its characteristic is tidiness, and without tidiness in all departments our success in life is seriously impeded.

DOROTHY SARA COBBOLD.

#### FORM Va.

In hockey we, the members of Va—no longer Vb—have distinguished ourselves this term. We won the Challenge Cup and so obtained a much-coveted trophy. We must congratulate ourselves, for it was a laborious struggle, although we certainly won fairly comfortably each time. Beginning with two goals we played VIa, IIIa, and VIb, and defeated them by 8-1, 17-9 or 8-0, 4-1 or 3-0 respectively. In the last-mentioned match, most of us were quaking at the re-appearance of Stella Proctor on the opposing side, but of course, not for one moment anticipating defeat.

VIa and VIb challenged us at Basket-ball, and we played them on Wednesday, after we broke up, the game ending in a draw—5 all.

We earned 9 stars, thus heading the list, 4 minuses, which is very good for us, and 8 marks for the garden. The latter was not up to the standard of some of the other forms, but our gardener, Winnie Cobbold, has been very busy planting seeds for next term, when we hope to exhibit a more praiseworthy show.

We all very much regret to say "Good-bye" to two of our members, Peggy Horsley and Editha von Bredow. Peggy, who has been at the School for six years and has played for both the 1st and 2nd XI. has gone to Malvern High School, while Editha has returned to Germany.

NELLIE SMALLWOOD.

#### FORM Vb.

Last term our form did very well in the form matches for the Basket-ball Shield. In the Final we had to play the 4th, and after a great deal of hard work we won, being eleven goals in front of them. Unhappily we lost the hockey matches, but made up by being top with 14 marks for the garden. We got two stars and three minuses, also four entries in the Excellent Book, and so on the whole we did very well indeed.

KATIE APPLEBY.

## FORM IV.

I am sorry to say our form has only had six stars owing to the large number of order marks, but I think we all mean to do better next term. We have had a large number of garden marks and three entries in Miss Gurney's Excellent Book, two earned by Marjorie Woodman and one by Gladys Fletcher. One or two other people had four excellents but could not manage the fifth.

Our form was second in the Basket-ball matches, and VIb beat us 8 to 7 in the hockey.

G. M. BALFOUR.

## FORM IIIa.

This term nearly all IIIb were moved up into IIIa. We were sorry to leave Miss Beddows but we like Miss Claridge very much. Alice Wills, Nora Chaston and Jeanie Davidson have entered their names in Miss Gurney's Excellent Book.

I hope next term we will have more entries and less order marks. We had the Hockey and Basketball form matches this term and we lost both Cup and Shield. We won when we played Vb, but lost against Va, who won the Cup.

DOROTHY HARDY.

## FORM IIIb.

There was a Basket-ball match played on April 16th. A shield was presented to the form who got the most goals. Form IV and Form Vb played a draw.\* On the last day of Term, Form Vb succeeded in winning the Shield.

BETTY RUDDOCK.

\* Only in the practice match.—Ed.

## FORM II.

We had the gymnasium display this term, which I think went off very well. We played a Basket-ball match for Miss Richardson's Shield, but our form did not win, which I think was a great pity. We had two new girls in our form. The exams. were very nice.

HELEN MAGUIRE.

## FORM I.

We played for the Basketball Shield but we did not get it, five B did. One day this term we went to the Dene with Miss Edmunds, and it was very nice. I got an honour card this term. Our garden is getting on very nicely. I have been at School five terms now.

BETTY INSKIP.

## KINDERGARTEN.

I do like the School so much and am so happy there, and writing is what I like best.

BERNARD HOUSEMAN.

## GAMES.

“*Mens sana in corpore sano.*”

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Hockey is over for another season now, but, sad to relate, we have lost both the Shield and the Lazenby Cup. Bede College won the Shield and the Central High School the Cup. In the Shield matches we were beaten in the first round by Bishop Auckland; but we managed to beat Sunderland High School by 4 goals to 3 on Feb. 13th in the first round for the Cup, and since Durham scratched we were in the final with the Central High School. We played this match on March 11th, and after a very hard game we were beaten by 3 goals to 2; and so for a year we shall miss both the Shield and the Cup from their places in the Hall. If everyone will come regularly to the practices next season, we will have a hard try to win them back again. There were not many alterations in the team last term; we were very sorry that Olive Gracey and Stella Proctor were unable to play, their places were taken by Kathleen Bookey and Peggy Horsley.

The 2nd XI. only lost one of their members, D. Hodgshon having left and K. Bookey and P. Horsley being promoted to the 1st. Their places were taken by E. Hamer, A. Young and W. Cobbold.

The new members in the 3rd XI. are M. Burton, R. Thuroe, M. Harbottle and A. Frazer; as E. Fletcher was unable to play last term, U. Wilkinson took her place as Captain.

Our first match last term was played on Feb. 14th. K. Robson very kindly arranged a team to play against us—it was very exciting and we enjoyed it immensely, although we were beaten by 3 goals to 2. On Feb. 13th our 1st and 2nd teams played the 1st and 2nd teams of Rutherford College; the 1st won by 4 goals to 3, but the 2nd lost by 1 goal to 3. Our next match was on Feb. 25th against the Central, and they won by 5 goals to 2. On March 6th we again played Rutherford, but this time they beat us by 2 goals to 0. The last match of the 1st XI. was against the Washington Ladies' team, which M. Ford got up to play us; it was a lovely day, and after a good game, which we managed to win by 3 goals to 0, Mrs. Ford kindly invited us to tea, and then we came home, having had a most pleasant time.

The 2nd XI. only played one other match—on March 13th, against the Central High School, and won by 5 goals to 0; two of their matches could not be played owing to bad weather.

The 3rd XI. had their first matches last term; on March 12th and April 3rd they played Overcliff School, Tynemouth, winning both times by 2 goals to 0.

Last term is the term when we always have those exciting matches, the Form matches, which we play for Miss Dickenson's Cup. Owing to the weather, etc., we did not play them until nearly the end of the term; the results were as follows:—

Form Vb v. IIIa .....	Winner, IIIa.	
„ VIb v. IIIb, II, I .....	„	VIb.
„ VIa v. Va .....	„	Va.
„ Va v. IIIa .....	„	Va.
„ VIb v. IV. ....	„	VIb.
„ VIb v. Va .....	„	Va.

Thus Va won the Cup after playing a very good game.

G. HODGSHON.

## Net Ball.

We have only played two matches this term, and although much practising has made us fairly strong we were beaten both times. About the middle of the term we played Fenham Convent School on their ground. The result was:—

Fenham ..... 22                      Newcastle ..... 12

It was a very fast game, and happily it was a cold day or else we would have been—I don't know where.

On April 16th we played Sunderland for the shield away, and lost badly. The score was:—

Sunderland ..... 44                      Newcastle ..... 8

By the score it looks as if it was a very one-sided game, but it was very fast, and although Sunderland had the advantage of playing on their own ground, our defender played brilliantly and saved again and again.

Next year the score must be reversed. The team for this year is:—

E. Arnesen, thrower; S. Ferguson, R. Attack; K. Appleby, L. Attack; H. Arnesen (Capt.), Centre; G. Pestle, L. Defence; G. Ison, R. Defence; D. Cooper-Abbs, Defender.

In the Fenham match Katie Appleby could not play; Aida Cobbold took her place.

In the last week of the term the form matches for the Shield were played. Vb won it. The scores were:—

Vb .....65 goals	IIIb .....9 goals
IV .....54 ,,	II.....1 ,,
IIIa.....31 ,,	I .....3 ,,

The lower forms play very well, and the passing, especially in IIIa, is very much improved.

H. ARNESEN.



## OLD GIRLS' CLUB.

The Committee now consists of the following members:—

Miss Gurney, President.

Miss Dickinson, Secretary.

N. Snowball.

A. Weddell } elected 1911, retire 1913.

F. Brewis

E. Macarthy } elected 1912, retire 1914.

W. Greaves

K. Yeld } elected 1913, retire 1915.

There are 118 members of the Club.

The first Committee Meeting of the year was held on February 3rd. As the Secretary reported a balance of £3 9s. 3½d. from last year and as W. Greaves said that she expected to be able to hand over about 16s. —the profit on the O.G. Dance—it was decided to ask Miss Maude

Whillis, M.A., to give a lantern lecture on Masterpieces of Greek Art. This was given on February 20th and has been fully reported elsewhere. It is to be regretted that so few members of the O.G. Club were present.

The Secretary has as yet received no names of players wishing to compete for the Golf Cup at present held by N. Cooke.

#### CORRECTIONS.

Ellenor Frere does not take Shorthand pupils as was erroneously stated in the last number of the Magazine. Marjorie Stuart has gone to India as governess for a year, not to France.

The Secretary apologises for the mistakes made in the last issue.

F.E. DICKINSON, Hon. Secy.



### Antarctic Exploration.

The Antarctic is that vague, mysterious region round the South Pole. A few years ago, practically nothing was known of it, but explorers have learnt much of late. There are vast tracks of ice, rough and difficult to cross, with mountain peaks at intervals. Near the Pole the ice is fairly level, and there are no mountains.

The difficulties in exploration are many and not easily overcome. The lack of daylight and the terrible blizzards are the principal drawbacks. Also, when nearing the Pole, there is danger of the food and fuel giving out, neither of which can be found there. So reserve stores have to be left at intervals at depots. On the return, these are used; but, of course, many things may happen to check progress and so the depot may not be reached in time, and consequently the explorer will die.

There have been various expeditions to the South Pole. In 1901 Captain Scott, with Lieut. Shackleton as second in command, nearly reached it. Later, Shackleton went out again and gained a further point than in the former expedition. The first successful attempt to reach the Pole was commanded by Captain Amundsen of Norway. He reached there on December 14th, 1911, going west of the Great Ross Barrier, over the Commonwealth Range and so to the Pole. Little more than a month later—January 18, 1912—Captain Scott, going east of the Great Ross Barrier, passing Shackleton Inlet, through the Beardmore Glacier, over King Edward VII. Plateau, gained the Pole.

The English party which reached the Pole consisted of Captain Robert Falcon Scott, commander, Doctor Edward Adrian Wilson, scientist, Captain Lawrence Edward Grace Oates, in charge of the ponies, Lieutenant Henry, Robertson Bowers, commissariat officer, and Petty-officer Edgar Evans. Captain Scott kept a diary of the journey and described everything. Everything on the return would have gone well had not Evans fallen ill, and so the party was kept back. On February 17, 1912, he died from concussion of the brain. After this, the weather became worse and the wind strong, and conditions were more unfavourable. However, the explorers might since have gone through had not Captain Oates fallen ill, so travelling was slow, as he had to taken care of. He bore intense pain and realised what a drag he was on the party; at last in the tent, 11 miles from the depot which would have saved them, he said, "I am just going outside and may be some time." Then he went to meet his death in the blizzard raging at the time. He was surely a hero of heroes. The blizzard lasted nine

days; food and fuel gave out, and the end came. They were found by the search party in November, 1912, the tent half-covered with snow. The scene was one of overwhelming pathos. Captain Scott was sitting leaning against the tent pole, his head resting on his diary. Dr. Wilson and Lieut. Bowers were lying in their sleeping-bags. Only some tea was found. A cross was erected to them on Observation Hill. A cross and cairn were erected over the three heroes, to commemorate all five. Near where Capt. Oates left them a cross was put up to the "very gallant gentleman," with records telling of his noble death.

Captain Scott's last words in the diary, when he and the others were weak and writing was very difficult, were that he did not regret the journey for surely England would look after those dependent on the explorers. This latter is the nation's duty. It is a little thing to do for those matchless heroes and England will not be found wanting. And with regard to the men themselves, surely Westminster Abbey would have been a fitting resting-place for them, but as it is we must say, for each one separately:

"Not here! the White South has thy bones, and thou  
 Heroic sailor soul,  
 Art passing on thine happier voyage now  
 Toward no earthly Pole."

UNA WILKINSON.



## Some Holiday Recollections.

Curious incidents and customs are continually coming before one's notice in holiday time. Some I can remember may interest you.

First of all—the actual travelling. The most weird trains seem to be the express ones in Spain. Express, I said, but all the express trains I travelled by stopped at many, many small village stations. On each platform was a soldier fully equipped, but he seemed so much part of the station that I doubt whether he made us feel well protected. At each station everyone seemed to get out of the train, and we wondered if we had to change—but no—presently a horn sounded, and then another, at the sound of which the train started and we travelled "express," with the frequent stoppages. Even between stations we stopped, and one of our fellow-travellers from Algeciras to Granada was a keen botanist. Frequently he caught sight of some specimen on the railway bank and quite often he got out to gather it, and even loitered after the horn sounded; but we never left him behind, though he had a weak heart, was old and could not hurry.

Travelling is perhaps the cheapest in Belgium. There one can buy a ticket which is available for a fortnight's travel on any line throughout the country, and each traveller must sign his own ticket or fix his photograph to it. Then it is supposed to be impossible to defraud the company; but I'm quite sure we could have done so if we had wished, for some of us used photographs which were quite unrecognisable.

The railway time-tables, however are the great trouble in Belgium. One soon gets accustomed to the 13, 14, 15 o'clock and so on instead of 1, 2, 3 p.m., for that is usual on the Continent. But it is not easy to find the train required, for you settle on one train, and sure enough there will be a note to say this train is for first class ticket holders, and

of course you have already bought a second class: then you settle on another train to find this is only for passengers going beyond the frontier, and so on. Bradshaw is simple compared with it.

Belgian trains seem generally to be very late in starting—unlike our enterprising Wales, where I once saw a notice in one of the stations saying: "Trains will not start before the appointed time."

Two journeys stand out as being the most wearisome I ever experienced. The twelve hours' journey to Granada; but yet that was intensely interesting, for first we passed through rich, fertile country, then through miles of arid, barren land, and at last through wonderful mountain scenery. Secondly, my journey last summer from London to Norfolk. A simple journey, you will say. Usually it is, but I happened to travel on the day of the terrible floods, and was five days in reaching my destination. This was trying as I was alone and had spent nearly all my money; in fact I had to wire to a friend to come and bail me out of the hotel where I was obliged to stay the first night.

This reminds me of a very funny incident in Whitby Harbour. Two men, who were evidently out for the day, got into a rowing boat to go up the river. Each took an oar, but unfortunately sat down back to back, and, of course, though they rowed hard, the boat did not move. It was so funny that a crowd soon gathered to watch and would not tell them what was wrong, until the men became angry and accused the sailors of holding the boat from under the water by means of ropes.

The greatest surprise I remember having was once abroad in a small Roman Catholic Church in a fishing village. There we gave 10 c. for the collection and received 5 c. change, the woman who collected taking this from her pocket. We learnt that the people were very poor and never gave more than halfpennies as there were five collections at each service. At the door of this church we were handed bills for the theatre.

M. E. C.



## A Day in the Life of an Elder Sister.

BY ONE WHO KNOWS.

- 7.15 a.m. Awakened from a delightful dream by the sound of the child next door practising. I listen drowsily for a minute then sit up. Hurrah! she's got a new piece. (I may say that she had the last for quite six months.) Too early to get up yet: just ten minutes more.
- 7.40. Sounds of squabbling in next room. Rush in and reduce the combatants to penitence—and tears.
- 7.50. Awaken another sleepy one by the judicious application of "cold jig." Try to complete dressing. Small brother says he is not going to school, as he has a headache. By dint of much persuasion I induce him to change his mind.
- 8.0. Find I have lost a button off my sleeve. Stitch it on and rush down to breakfast ten minutes after the gong has sounded. Just as I enter the door out springs small brother number two with a water pistol, which he discharges over my face and clean collar. Fly up-stairs to change collar, vowing vengeance on the culprit.
- 8.15. Sit down to breakfast in no very sweet temper. Pater gives a lecture on the advantageousness of early rising.

- 8.30. Finish breakfast and begin to put my boots on. Crack! There goes a boot-lace! Put a knot in.
- 8.35. Where's my hat? Find it on the floor with elastic broken. No time to stitch it; stick a pin in.
- 8.40. Small brothers, dog, etc., prancing about in the garden want to know if I have finished admiring myself in the glass. Leave the house and proceed towards school.
- 8.50. D. meets an enemy; terrible battle ensues. I dance wildly about, shouting "Rip, Rip, come here, sir!" Of course he takes no notice. At last we get them separated and continue.
- 8.55. Pass a toy-shop. Small brother number one announces his intention of spending his lunch money on buying another wretched water squirt. Forseeing trouble ahead I protest strongly, and he finally consents to come, on the promise of six chocolate creams, though I doubt the judiciousness of bribery and corruption.
- 9.5. Arrive at School just as the bell is ringing. Turn out my bag and find I have come without a book required for first lesson. Order mark looms large and near; consequently feel very unamiable.
- 1.10. Start off home, telling small boy at intervals to put on his gloves and not walk in quite all the pools.
- 2.15. Dinner over. Practise duets with sister for half-an-hour, spending the time over six bars which refuse to come right.
- 3.0. Go out for a walk and try to collect my scattered thoughts. (Am unsuccessful, however.)
- 4.30. Tea: at which I am in charge. Smallest brother informs me confidentially that he does not intend to be an engine driver when he grows up, as he has made up his mind to be a millionaire.
- 5.0. Practice. Find no solution to the problem: "Why were scales invented" (Have thoughts of substituting  $x$ , but finally reject it.)
- 6.0. Settle down to work amid various questions such as "Does  $a \times a$  make  $a^2$  or  $2a$ ?" and give the French for "Have you seen the pen of my grandfather's aunt?" Answer them to the best of my ability. Finish at 9 and go down to supper.
- 9.40. Retire to bed to rest my weary brain.



## A Visit to the Works of Hawthorn Leslie & Co. at Forth Banks.

The works of Hawthorn Leslie & Co. were established in 1817 in a small shed at Forth Banks, and only four workmen were employed. Progress was rapidly made, and now other shops have been established along the Tyne, and various departments of work opened.

These works chiefly manufacture locomotives, and boilers for men-of-war and passenger vessels. On going round the works various machines for cutting, planing and polishing the raw material are observed. The cutting machine is made of very hard steel, and so it is able to cut steel which is less hardy tempered. The polishing machine consists of a cotton buffer and is chiefly used for polishing brass. The buffer revolves with so great velocity that when the brass is brought into contact with

it, the dull surface is brought off in fine dust. This dust is very injurious to the lungs, so it is conveyed by a vacuum process through a shaft into a large cylinder, where it is collected together and melted down to be used again.

The locomotives are not completed in one workshop, but the various parts are put together in one department, and then the whole is lifted bodily by a large crane and transferred into another shed, where, after it has been tested, it is painted and finally finished. Many of these engines are sent to India, and as in most cases they are used on railways in the interior, they have to be conveyed from the coast by mules or camels; to make this possible, the locomotives are constructed in numerous sections and packed in small cases. It is interesting to observe that in a locomotive where steel comes into contact with steel a layer of brass is inserted, since the heat caused by the friction is so great that the steel would soon melt.

The boiler department is very interesting, especially the part where the ship boilers are manufactured. These consist of layers of pipes which come ready-made to the works, and are separately tested before use, and often as many as ninety per cent. are returned to the makers as defective. The boilers measure 18 feet by 16, and it is hard to imagine that a war vessel carries twenty-four.

D. HAMER.



## The Lay of the Lost Trophies.

One by one the High School Trophies  
Surely vanished from their places,  
All the High School's treasured Trophies—  
All the longed-for treasured Trophies,  
And the Warriors tried and failed,  
Fought and failed full five times over.  
First the Swimming Cup we wished for,  
Longed for with a mighty longing—  
Held before, but last year taken,  
Taken from us by a warrior.  
Strong and mighty was that warrior  
Who did win from us that Trophy.

Four most active warriors came then,  
Came from out the High Schools' army,  
Came one day dressed in their war-paint—  
War-pain white with dreadful weapons—  
For the Tennis Shield they fought them,  
Fought the other High Schools' warriors.  
And our warriors fought with courage,  
Courage which was great and mighty.  
How they jumped and turned and twisted!  
Jumped and turned to beat those warriors  
Who, alas! it is a sad tale!  
Sorely vanquished our brave warriors,  
And bore away our noble Trophy.

But treasures still there were to strive for:  
Hockey Cup and Shield to strive for  
Net-ball also had a treasure:  
Treasure which the warriors wanted.  
Soon those mighty warriors came out,  
Came out on the field of battle,

Came to meet some other warriors,  
 Eleven other mighty warriors,  
 And all were armed with weapons dreadful:  
 And with these weapons great and dreadful  
 Hard they fought those other warriors  
 Who were trying to win from them  
 The mighty Shield the warriors wanted.  
 But alas! those High School warriors  
 Were again o'ercome and vanquished,  
 And this longed-for Hockey Treasure  
 Did not come to them for this year.

But another day was coming  
 When this vanquished High School army  
 Tried again to beat those warriors,  
 But again their hopes were shattered,  
 For the Cup was taken from them.

Then again seven other warriors  
 Made a strong and mighty effort,  
 To gain that last most longed-for treasure,  
 Ever held from the beginning  
 By those other hostile warriors.  
 But again—alas! to say it!  
 They returned o'ercome and conquered,  
 And no Trophy have we taken,  
 All are lost, but must be regained.  
 So come on then, mighty warriors,  
 Ne'er again will be be beaten,  
 Next year we *will* win those treasures!

