

Delaware College Review

VOL. 31

DECEMBER 1914

No. 3

"Who Danced Wid De Little Yallow Gal"

"I 'ela' tu gracious I ain' tole bout Brer Tarrapin and de pea patch fer so long tel I mos' forgot how it run but hit start off sumpin like dis:

"Brer Tarrapin, he own a pea patch but do he kin raise 'em mouty good, he do' like peas no mo'en does Brer Rabbit. Now Brer Rabbit never had no patch, so he rise early ebery mornin' an' ease aroun' tu Brer Tarrapin's patch an' jes natchilly tar up things. When Brer Tarrapin come down a little arterurds, dar was Brer Rabbit's tracks but dar wa'n't no peas.

"Well, he steddy an' he steddy, cause Brer Tarrapin ain't no quick thinkin' critter, and by en by he think up a scheme. He make him er a trap an' set hit down in de groun'. Den he pile vines ober it twell Brer Rabbin couldn' ha' tole it frum de pea patch.

"Now on de same day what I'm er tellin' you 'bout, da' waz tu be a big danse in town. Miss Squirrel wuz tu be da wid Brer Fox. Miss Snake had jus' shed her ole skin and was gwinter be dar in her new 'un. Brer Possum, and I do' know who all wa'n't tu be da 'cep' I do know dat Brer Rabbit wuz gwinter tote de little yaller gal, and furthermore he wuz gwinter danse wid her.

"Well, early dat mornin' Brer Rabbit come a prancin' down tu de pea

patch. He look all aroun' but he ain't seed nobody so he tu'n in an' start eatin'. He wasn' in no perticular hurry tu git home, case he had done et all he keyered fer so he start a prancin' an' dancin' roun' tu see dat he knew de new dances an' ain' fergot de ole ones.

"Well, suh, 'bout de time he had done satisfied heself an' wuz thinkin' 'bout startin' back he see Brer Tarrapin comin'. He crouch low and started backin' off when, bless yo', efen he didn' fall squa' in de trap.

"Brer Tarrapin come up lafin' fit tu kill. He look down at Brer Rabbit an' say, 'Ha, Ha! Brer Rabbit, I got yo' dis time. Been a stealin' out my pea patch. I'll fix yo' now.'

"Brer Rabbit jes' kinder look 'umble and do' say nuttin'.

"By en by Brer Tarrapin sing:

"I do' know suzakely what tu do,
'Cep' kill, skin an' eat yo' too;
Or whedder jes' tu leave yo' hyear,
Lord knows 'tain't nobody goint tu
keer.'

"Brer Rabbit pretend like he ain't hear, an say, 'Brer Tarrapin, I sho' is glad tu see yo' able to be cavortin' 'bout so early. I s'pose yo' have heerd 'bout de danse tonight. Well, suh, das' gwinter be one an' I'm tu danse wid de little yaller gal.' Wid dat he th'owed his

head back tell his hat fell off. Den he look kinder sorriful at Brer Tarrapin an' say, 'Brer Tarrapin, efen yo' would like tu take a swing wid her tonight, bein' as yo' been so kind 'bout lendin' me all de peas I want, you jes open up dis little res' house, an' I'll see dat yo' get all de dancin' yo' want.'

"Brer Tarrapin scratch he haid and atter while he 'gunter think dat he had kotch him once an' he could kotch 'im ag'in. An' den 'bout dat dance. Den he look all ober de pea patch an' he see what hit's mo'e'n he kin eat so he pull de string what fas'en de do' an' Brer Rabbit he jump out.

"Pres'n'ly he gunter scratchin' he haid an' look like he jes thought ob sum-pin. Brer Tarrapin ax him what de matter an' Brer Rabbit say he don los' he hat. Brer Tarrapin say what it's in de trap, an' Brer Rabbit ax him tu fotch it

fer him, an' he'll gib him anudder dance. Now like I say, Brer Tarrapin ain't got much sense an' he crawl in de trap. Wid dat Brer Rabbit shet de doo's tight an' laff long.

"He fotch him a stick an' say: 'I tole yo' I'll gib yo' all de dancin' yo' want,' an' he come down coflam. 'Den I promised yo' annuder one fer gittin' my hat,' an' he come down coblam.

"When he tu'n to start off, he sing:

" 'I do' know suzakely what tu do,
'Cep' kill, skin, an' eat yo', too;
Or whedder jes tu leab yo' hyear,
Lord knows 'tain't nobody gointer
keer.' "

M. R. M. '18.

(Editor's note: "The Las' Note," the last of this interesting series by Mr. Mitchell, will appear in the January issue.)

Women's College of Delaware

Edited by MISS REGINA KURTZ, '18

SOCIAL NEWS

On Thursday afternoon, November 19, the faculty and students of the Women's College assisted in entertaining the Grangers. They were guided through the W. C. D. buildings by groups of students and finally were escorted to the reception room where tea and punch were served. About 4 o'clock the Grangers, along with the students, filed into the Oratory of the men's college to hear Judge George Gray give a very interesting talk. A banquet was afterward served in the gymnasium.

On Saturday, November 14, we had the pleasure of entertaining at dinner Dr. W. O. Sypherd, Mr. T. Allen Hilles and Miss Hilles, Mr. Eugene Manning and Prof. Lintner. The evening was spent in music and dancing.

On Tuesday, November 24, the W. C. D. entertained some of the members of the Board of Trustees at dinner. A tempting menu, consisting of hot chicken salad on toast, hot fried sweet potatoes, gravy, cranberry sauce, ice cream, fancy cakes, and coffee, was served.

On Wednesday, Nov. 25, we adjourned for our Thanksgiving recess. College opened again on Monday the 30th. Let us say to the young men that they have our heart-felt sympathies in their unsuccessful attempts to prolong their holiday. Cheer up! We didn't get any time during "Old Home Week."

On Thursday, November 12th, the students held a meeting for the purpose of electing the class officers. The following officers were elected: Miss Ruth Clendaniel, Kennedyville, Md., President; Miss Lillian A. Groves, Wilmington, Delaware, Vice-President; Miss Anna Gallaher, Newark, Delaware, Secretary; Miss Isabel Stott, Dover, Delaware, Treasurer.

The arrangements for our first formal dance on December 19, have been practically completed. Miss Jeanne Underhill is chairman of the whole affair. Miss Marion Campbell is chairman of the music committee. Miss Lora Shorb is chairman of the refreshments committee, Miss Alice Ruth is lady of the decorations, Misses Edith McDougale and Louise Van Dyke have charge of the invitations, and Miss Isabel Stott is in care of the programs.

Prof. Mary E. Rich on December 3 addressed The Delaware Association of College Women in Friends' School of Wilmington, on the subject of "Rural Schools."

At the invitation of Dean Robinson, the members of the Newark New Century Club are meeting with Miss Caudell and Miss Robinson in the sewing room at the Women's College to make garments to be sent to the Belgians.

Miss Mary E. Rich, professor of education in the Women's College, made visits to the following schools during the week of November 15: Blackbird, Van Dyke, Mathews, Deakyneville, Walker, Green Spring, Brown Cottage, Stump Corner, Taylor's Bridge, and Fieldsboro. These schools are all in rural New Castle county. At each school Miss Rich gave a short talk on methods of teaching and various other problems which confront the teachers and pupils of rural schools.

Professor Clarence A. Short has presented to the Library of the Women's College books on plane and spherical trigonometry, plane and solid geometry, and plane and spherical trigonometry with tables.

SHE DID

She was going to make a perfect day—
She would answer the rising bell.
Her Latin she'd study faithfully,
She would write her theme for the world
to see
She "could be a grind when she wanted
to be,
So there!" And it all went well.

Till the sun slanted in in a long warm
ray,
And a robin sang on the sill,
The air grew enchantingly springy and
mild,
April looked in thro' the window and
smiled—
She took three cuts, that college child—
And they say she's sorry still.

'18 to '16—"Have you heard the new
joke about the dog?"

'16 (excited)—“No; tell me, will it be good enough for the Review?”

'18—“Yes, it's very good. I say to you, 'The dog wears more clothes in summer than in winter' and you say to me, 'How's that?' Then I reply 'In winter he wears a coat and in summer he wears a coat and pants.'”

'16 (politely but mirthlessly)—“Er—it's good, but do you think everyone will see the joke?”

A member of our faculty has proved that she really understands femininity, for she tells us her secrets,—at least she makes us think she tells them, and we don't mind being deceived if it's done tactfully.

There are several kinds of madness but the very worst form is the literary madness. When you see a certain girl chewing the end of her pen and wildly clutching a sheet of paper, 5 by 10, with a fold down the middle, you may be sure she has the dread disease—or, in other words, she is writing for the Review.

Last Friday night someone (?) insisted upon playing the piano. To her I dedicate this:

A piano beneath her hands!

Had I a gun I'd shoot.

What awful pain brings forth that strain?

My kingdom for a mute.

Dr. Sypherd: “Miss Jeffries, give me a sentence using the word 'persecute.'”

Miss Jeffries, '18—“Isn't Percy cute?”

Miss Kurtz, '18 (waking with a start)—“I think Tracy's cuter.”

From the numerous boxes of candy which “float” down to the W. C. D. it seems that “Smoke” Sypherd's father has gone into the wholesale candy business, as a side line.

We wonder why Miss Ethel C. Grieves has taken such a sudden liking for “gym”?

Rookie's Patent.

Invisible Eyes and Hooks

(To catch the men)

Keep on hooking.

A. C. Ruth & Co.

Come one, come all,
Your coiffeurs guaranteed not to fall.
If arranged by Mlle. Beatrice Crossmore.
Call during quiet hours.

Dean Robinson to Miss Pratt, '18—
“Miss Pratt, please tell Miss Stott and Miss Eggert to sleep in the infirmary with you this evening, since beds are scarce and mice plentiful.”

Mary Pratt, '18—(bursting into Issie's room quite excited)—“Oh, girls! we have to sleep in the confirmatory to-night.”

Miss Frazer on being asked in physiology class which way her blood flowed promptly replied, “North.” We presume her heart also flows in the same direction.

HOW TO BECOME A GOOD SPELLER

Some are born spellers, some achieve spelling and some have spelling thrust upon them. I am addressing, now, that unfortunate class who must have it thrust upon them. My first and most

important injunction is this: "Look at the dictionary occasionally! When you write have it ever at your elbow. And by and by, after you have looked up a word many times, you will become so familiar with it and its particular place on the page, that you will be able to spell it anywhere. Many mistakes in spelling are pure carelessness. Be careful! Do not think, either, that just because a word is little, you can spell it, for nine times out of ten the short word is harder to spell than the long one. In conclusion, let me add from the fullness of my experience: 'If in doubt about a word, look it up.' "

E. D., '18.

THE DIFFICULTIES OF CHEMISTRY

Chemistry! What nightmares that word brings into my mind! Hydrogen! Oxygen! Carbon! and a hundred other things! Shall I ever get them straightened out in my brain? I fear not. We utter groan upon groan every time we hear the bell ring for our chemistry periods. We assemble in class and begin firing our questions at the teachers like bombs from the European War. The answers to these questions are nearly all the same, either "We find that out by experiment," or "Well, you just have to know that." Never in my life have I studied anything quite so hard. The more I study, the more confused my brain becomes. I am not alone in my misery. My companions number twenty-seven—the whole chemistry class. To me chemistry is the sea in which I shall be lost. Not even the blue flame of Hydrogen will serve for my beacon.

M. D. P., '16.

COLLEGE SOAP

Do you need a light, floating, sudsy piece of soap, positively pure, and cheap at ten cents a cake? Get College Soap. "Get" is the word, for it is not even necessary always to buy. So salient and buoyant is College Soap that it has been known to float out of a purchaser's room all the way down the corridor to a soapless one's domicile. Of course this, however, is due to a certain condition of the air, known technically as atmospheria avidia, and happens rarely. At most times one merely borrows College Soap. Its light, buoyant qualities extend to the brain, which consequently floats over and around all memory of the incident. Sometimes College Soap causes black marks, but only when through excessive cleanliness some girl hunts for her property too long. The saying goes that "Cleanliness is next to godliness," but at college we know that "Cleanliness is next to lights out." The buyer of College Soap should obey this caution, found outside of every box, "Keep covered in a dark place when not in use."

A. J. '18.

CATCHING A MOUSE

"Oh, girls!" Then came a shout of laughter as "Peg" looked into Tommy's room. We all made a wild dash toward the door where Peg was standing. Upon a chair, on its foremost end, was Tommy! She was striving vainly to haul a mouse by its tail from the shelf above her head.

"What on earth are you trying to do?" called Dunny. "For goodness sake, be careful," suggested Lie who has a timid nature.

"Someone ought to hold that chair."

"Well, of all things! What do you

want with that mouse?" asked Dicky.

"He's sick," Tommy answered briefly to all our demands.

"Sick? Why what's the matter with him?" we asked.

"Indigestion," shouted Tommy. "My cakes are gone, and he won't come down unless I pull him down."

"Well, goodness me! He got up, didn't he?" questioned someone.

This time Tommy said nothing, but redoubled her efforts to get that mouse. It was a meek-looking gray mouse but it refused to budge. Tommy labored heroically. She is a Freshman, and having read the "Ancient Mariner" in her Senior year at High School, naturally had its moral lesson well in mind.

"Oh! Tommy—" called Rufus, "why don't you get a pillow-case and shove him into it? If you wait, I'll throw you one."

She got a pillow-case, rolled it up in a ball, and threw it to Tommy who caught it deftly.

But alas! How can a girl stand on

the foremost edge of a chair, hold a pillow case open, and shove a mouse by the tail into the case at the same time?

"Can't manage it," called Tommy.

"Hold the pillow case in your teeth and coax the mouse into it," suggested Rufus.

Just then the watchman came to the door.

"Can I help in any way?" he called out in a deep voice.

"Who's that?" demanded Tommy with a startled look over her shoulder.

"It's a ma-an," drawled Oz, in a penetrating whisper. Tommy uttered one horrified "Oh," dropped the pillow case, and jumped off the chair. The man cast a sheepish glance toward the girls and departed the way he had come.

The mouse looked carefully around from his lofty perch, and when he saw that the girls' attention was engaged elsewhere, he scrambled down and departed to find new worlds to conquer.

A. C. R. '18.



Delaware College Review

Published monthly during the school year by the students of Delaware College

[Entered at the Newark, Delaware, Postoffice as Second Class Matter.]

Subscription \$.50 a year in advance. Single copies, 10 cents. Remittances, literary contributions and business letters should be addressed to
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Newark, Delaware

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Editorial

HALF of the first semester has gone, fellow students. Take some advice and, for the remaining half, redouble your past energy and finish the term with a vigorous spirit. It doesn't matter much who leads at the beginning of the race, but lead and reserve power mean everything twenty yards from the goal. The finish counts in a race, and so likewise in college work. The college work may be considered trifling by many during the term but eventually the mid-year examinations are at hand, lead and reserve power are lacking, and those who have concerned themselves but lit-

tle with the race find themselves classed with the "also rans." We hope that this gentle little hint will find every man at Delaware gaining his second wind in preparation for the sprint "down the stretch."

—o—

This is truly a "renaissance period" at Delaware. The beginning of such a period was predicted at the inauguration of Dr. Mitchell. Frazer Field was the act that paved the way. The establishing of the Women's College was another step. The extraordinarily large Freshman class was still another step.

But most encouraging of all is the awakening of the "spirit" among the students. Perhaps the brilliant successes of the football team were responsible for awakening this spirit. Seven victories (one on a foreign field) and a scoreless tie (also on strange grounds, against a heavier opponent) and but one defeat—and that by no less a team than Lafayette which held the U. of P. to a scoreless tie—such a record is one of which the whole college should be justly proud. "Team work" is what turned the tide. That characterized the boys' play all season. It was energy—directed collectively—and the points scored by the team—divided by eleven. That is the secret of our success this season. Now that we have found that secret, fellows, let us keep it, revere it, and utilize it here at Delaware. Let our slogan be, "A long pull, a strong pull, and a pull *altogether*."

In thinking over the happenings of the last two months, a few words seem to embody the recent occurrences here. These words are—"Nothing succeeds like success." This is certainly true of our "spirit." Our team, struggling on the gridiron, had enthusiasm just bubbling over. It was the distinctive individuality of the team's work that kept our spirits up, and it certainly has been edifying, fellows. The Mass Meeting (or Smoker) has come to stay. Now then, let everyone keep on lending his support to all College activities, so that when June (and Commencement) comes around, we shall have a record as gratifying as that of the past football team. As Coach McAvoy says: "Boys, all I ask of you is to do your best. But I expect every one of you to do your best. Now go at 'em with all you've got." That's all we urge. "Go at 'em with all you've got and do your best."

Examination Questions In Inorganic Chemistry (Chem. 1)

SUGGESTIONS.

Questions should be answered in the order in which they are asked in each examination; this will probably not be the numerical order of the questions given below. Lengthy answers are seldom necessary or desired; brief answers, if correct and to the point, show a better understanding of the subject. Answer the question asked, not some similar question. Diagrams are useful in explaining many processes. Chemical reactions are best shown by equations; be

careful that equations balance; if they do not do so, they are certainly wrong. Be careful in the use of symbols; those of one letter are capitals, those of two letters have the first a capital and the second a small letter; thus: "Co" represents Cobalt, "CO" represents Carbon Monoxide.

QUESTIONS

Describe the method of obtaining or preparing the following substances; if the substance occurs naturally, "na-

tive," tell how it is recovered; if it is made artificially, describe the process and the reactions involved with the appropriate equations; describe the properties of the substance and name its chief uses:

1. Hydrogen from reagents. 2. Hydrogen by electrolysis. 3. Oxygen from reagents. 4. Oxygen by electrolysis. 5. Nitrogen from the air, as obtained on an industrial scale. 6. Nitrogen from reagents. 7. Carbon as diamond. 8. Charcoal. 9. Coke. 10. Lampblack. 11. Graphite 12. Explain the meaning of "Allotropic". 13. Fluorine and Hydrofluoric Acid. 14. Chlorine by the common laboratory method. 15. Chlorine from Hydrochloric Acid and Air (Deacon's Process). 16. Chlorine by electrolysis. 17. Bromine. 18. Iodine. 19. Hydrochloric Acid. 20. Hypochlorous Acid. 21. Chloric Acid and Chlorates. 22. Hydrobromic Acid. 23. Hydriodic Acid. 24. Ozone. 25. Oxygen from the Air. 26. Oxygen from Barium Peroxide (Brin's Process). 27. Oxygen from living plants. 28. Water, composition by weight and volume; "permanent" and "temporary" hardness; Clark process of softening water; freezing point, boiling point, point of greatest density. 29. Hydrogen Peroxide. 30. The Atmosphere, composition; proof that it is a mixture. 31. Nitric Acid from reagents. 32. Nitric Acid from air. 33. Aqua Regia. 34. Nitrogen Peroxide. 35. Nitrous Acid, or Nitrites. 36. Nitric Oxide. 37. Nitrous Oxide. 38. Ammonia, laboratory method. 38. Ammonia, manufacturing method. 39. Carbon Monoxide. 40. Carbon Dioxide, two methods. 41. Coal Gas. 42. Producer Gas. 43. "Water Gas." 44. Methane. 45. Acetylene. 46. Fuel; explain combustion, products of combustion, Davy safety-lamp, Bunsen burner. 47. Sulphur. 48. Hydrogen Sulphide. 49. Sulphur Dioxide, Sulphurous Acid. 50. Sulphuric Acid by leaden chamber process. 51. Sulphuric Acid by "Contact Method"; fuming sulphuric, or pyro-sulphuric, acid. 52. Thiosulphates. 53. Carbon disulphide. 54. Phosphorus, two forms. 55. Gaseous Hydrogen Phosphine. 56. Phosphorus trichloride and pentachloride. 57. Phosphorus trioxide and Phosphorous Acid. 58. Phosphoric Oxide (Pentoxide) and Phosphoric Acid; write the three forms, or kinds of phosphoric acid and the sodium salt of each, with the name of each. 59. Hypophosphorus acid and hypophosphites. 60. Write the formulas of the three Sodium salts, and of the three Calcium salts, of Orthophosphoric Acid. 61. What is an "Anhydride"? Illustrate. 62. Arsenic and Arsenic Hydride, or "Arsenuretted Hydrogen." 63. Arsenic Chloride. 64. Arsenious Oxide, Arsenious Acid and its Salts. 65. Sulphides of Arsenic. 66. Arsenic Pentoxide, Arsenic Acid and Arsenates. 67. Antimony and Antimony Hydride, or "Antimoniuretted Hydrogen." 68. Antimony Trichloride. 69. The Oxides of Antimony; Antimonie Acid. 70. The Sulphides of Antimony. 71. Metallic Bismuth; fusible metal; Bismuth Trichloride. 72. Explain the Spectroscope. 73. Potassium and Potassium Hydroxide. 74. Potassium Chloride. 75. Potassium Chlorate. 76. Potassium Carbonate. 77. Potassium Nitrate. 78. Gun Powder (Black or common). 79. Potassium Sulphite. 80

Sodium. 81. Sodium Peroxide; Sodium Hydroxide, by lime method. 82. Sodium Hydroxide, by electrolytic method. 83. Sodium Chloride. 84. Sodium Carbonate, by Leblanc, or salt-cake, process. 85. Sodium Carbonate, by Solvay, or ammonia, process. 86. Sodium Carbonate, by electrolytic process. 87. Sodium Bicarbonate, or Hydrogen Sodium Carbonate. 88. Sodium Sulphate. 89. Sodium Nitrate. 90. Sodium Orthophosphate, three forms. 91. Sodium Thiosulphate, or "Hyposulphite." 92. "Ammonia" and "Ammonium": distinguish between them. 93. Ammonium Chloride. 94. Ammonium Sulphate. 95. Ammonium Carbonate. 96. Metallic Copper, properties and method of reducing. 97. The two Oxides of Copper; Cupric Hydroxide; explain "Cuprous" and "Cupric," as applied to copper compounds. 98. Cupric Sulphide. 99. What are Alloys? Name several important alloys giving their composition. What are Amalgams? 100. Silver, properties and uses; a method of recovering it. 101. Silver Nitrate. Silver Chloride, Bromide and Iodide; explain Photography, "negative," "positive," "development," the use of "hypo," or thiosulphate of soda. 102. Metallic Magnesium, Magnesium Oxide and Hydroxide. 103. Magnesium Sulphate. 104. Calcium; its Oxide, "Lime Burning," the slaking of lime, Mortar, Lime Water, "Milk of Lime." 105. Calcium Chloride. 106. Bleaching Powder, or "Chloride of Lime." 107. "Plaster of Paris." 108. Calcium Carbonate. 109. Calcium Phosphate, giving the formulas of three kinds of Ortho-calcium-phosphate. 110. Calcium Sulphide. 111. Calcium Car-

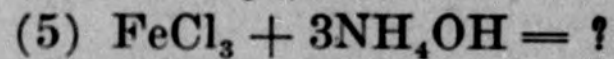
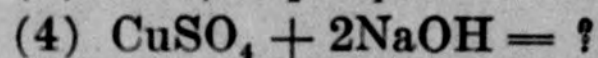
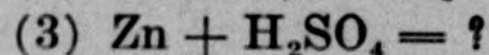
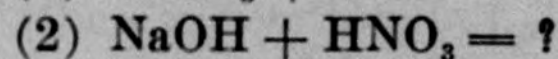
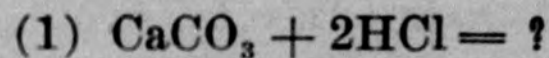
bide. 112. Strontium Hydroxide. 113. Barium Monoxide and Dioxide. Barium Sulphate. 114. Metallic Zinc; Zinc Oxide. 115. Cadmium and its Sulphide. 116. Mercury and Mercuric Oxide. 117. Mercurous and Mercuric salts; Mercurous Chloride and Mercuric Chloride. 118. Boric Acid and Borax. 119. Aluminum. 120. Alumina; Aluminium Sulphate, Alum and the "Alums." 121. The Goldschmidt process of reducing and melting iron and other metals, or "Thermit." 122. Silicon and Silica. 123. Silicon Fluoride. 124. "Silica Ware." 125. Glass (various kinds). 126. Clay, Earthen Ware, Porcelain. 127. Portland (or other) Cement. 128. Tin; Stannous and Stannic Salts. 129. Lead and the Oxides of Lead. 130. "White Lead," Dutch process. 131. Lead Sulphide. 132. Lead Sulphate and Chromate. 133. Metallic Chromium, Chromium Sesquioxide and Chromium Trioxide, Chromic Acid; (write the formula of a salt in which Chromium plays the part of base and one in which it plays the part of acid). 134. The Oxides of Manganese, Manganous Salts, Manganic Acid, Permanganic Acid; (write the formula of a salt in which Manganese plays the part of base and one in which it plays the part of acid). 135. The Oxides of Iron. 136. Ferrous and Ferric Salts, with formulas of one of each kind. 137. Sulphides of Iron. 138. The Blast Furnace and the process of making "Pig Iron"; explain the use of a flux; name the principal ores used. 139. Describe the properties of Cast Iron, "Wrought Iron," Steel, and of chemically pure Iron; show the differences in composition of these several kinds of iron. 140.

Describe the Bessemer Process; explain "Acid" and "Basic" as applied to steel. 141. Explain the Puddling Process. 142. Explain the "Open Hearth" process and the Siemens Regenerator Furnace. 143. Explain the "Cementation Process" of Steel making; explain the Tempering of steel. 144. Name some useful alloys of iron or steel; describe the effect of Phosphorus and of Sulphur in iron. 145. Cobalt; its use in glass; "sympathetic ink"; how is a cobalt salt used to foretell the weather? 146. Nickel; nickel plating; nickel steel; "Invar." 147. Platinum; chemical uses; how used to make sulphuric acid? 148. Gold, amalgamation and cyanide processes of extracting; properties.

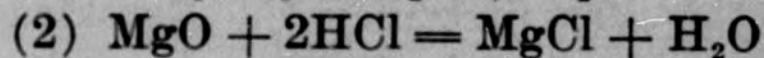
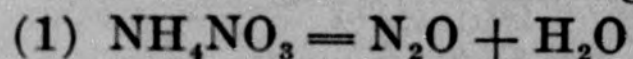
149. What is the most ductile metal? the most malleable? The best conductor of electricity? What one has the lowest melting point? Name one with an unusually high melting point. Name some very hard metal, or alloy. What are the "Noble Metals"? Why so called? How many metals may be welded and which ones are they? Explain the use of a Flux in welding and soldering. 150. What is Brass? Type Metal? "Eighteen carat" Gold? Bronze? Tin-

ners' Solder? Type Metal? Fusible Metal? 151. Explain Electroplating. What non-metal is the most used as an electric conductor? 152. Name some important compounds of metals used as pigments, and their respective colors. 153. What two metals are commonly used in the Thermopile? 154. A copper strip is dipped in an acid solution of silver nitrate; a silver strip is dipped in an acid solution of copper sulphate; what happens in each case? 155. Name metals that take fire when water is poured on them. 156. Name some metals used in pyrotechny.

157. Write the formulas of the Chlorides, Sulphates and Phosphates of Sodium, Calcium, Aluminum and Zinc. Write the formulas of the Chlorides of Gold (Auric) and Platinum (Platinic) 158. Complete the following equations:



159. Correct the following:



Athletics

FiDance
GrEy
WiLson
HAndy
Cra Wford
CAnn
GRoff
GriEves
,
Smart

NewTon
PEpper
TAylor
SMith

L. G. G. '15.

Final Game—November 26

Delaware 33, Carlisle Indian Reserves 0.

Delaware College closed its football season on Thanksgiving Day by smothering the Carlisle Indian Reserves under a 33-0 score. The Delaware team played wonderful ball. The whole game was just one more demonstration of "the punch" that has won so many games for the "Blue and Old Gold" this season. From the very first play the Redskins were played off their feet. During the whole game, the Indians secured only four first downs. That Delaware had the punch is shown by the fact that five touchdowns were made by our team. In the fourth quarter, Coach McAvoy sent in the whole scrub team. The Scrubs put up a good stiff game; and, if the game had been only a few minutes longer, they would undoubtedly have scored another touchdown. A twenty-yard forward pass, O'Daniel to Meyers, was one of the sensations that the Scrubs

pulled off. Taylor, Fidance, Handy, and Cann were the stellar performers for Delaware.

This game was the last varsity game for two members of the team: Ex-Captain Cann and Grieves. Both of these men will be graduated in June. They have played games this year that will cause them to be long remembered by the sons of "Old Delaware."

The line-up:

Delaware	Position	Indians
Groff.....	l. e.	Brave Eagle
Loomis		
Cann.....	l. t.	Williams
T. Wilson		
Newton.....	l. g.	Dewey
Beauchamp		
Crothers.....	c.	Skenadore
Pepper		
Grieves.....	r. g.	Morris
M. Mitchell		Addison
E. Wilson.....	r. t.	Roberts
Bratton		
Smart.....	r. e.	Madlock
Meyers		Mae
Fidance.....	q. b.	Crow
O'Daniel		
Taylor.....	l. h. b.	Tibbets
C. R. Smith		
Handy (Capt.)	r. h. b.	James
Grey		Summer
Crawford.....	f. b.	Fly
Lauritsen		

Summary: Touchdowns—Handy, 2, Crawford, Fidance, Smart. Goals from touchdowns—Taylor, 3. Referee—C. E. Price, Swarthmore. Umpire—J. P. Price, Ursinus. Head linesman—S. R. Carswell, Delaware. Time of quarters—8 minutes.

The football games played by Delaware College the past season and the scores are as follows:

	Del.	Opp.
Sept. 26—Lafayette at Easton	0	41
Oct. 3—Balto. Poly. Inst., at Newark	29	6
Oct. 10—Balto. City College, at Newark	49	0
Oct. 17—Temple University, at Newark	20	7
Oct. 24—P. M. C. at Chester	13	0
Oct. 31—Stevens at Hoboken	0	0
Nov. 7—Catholic University, at Newark	13	0
Nov. 14—Western Maryland, at Newark	17	12
Nov. 26—Carlisle Reserves, at Newark	33	0
Points scored	174	66

Inter-Class Game—December 2
Freshmen, 6; Sophomores, 0.

The "Freshies" sprang a surprise by defeating the "Sophs" 6-0 in the annual interclass football game. Altho the score was small, the victory was clean cut, for the Freshmen outplayed the Sophomores from start to finish. The second-year men seemed to lack team work; and altho they showed flashes of brilliance when Fidance, Beauchamp, or O'Daniel made some sensational plays, their work was not consistent enough to carry the ball across the Freshmen's goal-line. Captain Smith of the "1918" team was the real star of the game. He played a great offensive game, and was also a star on defense. Meyers, Bratton, Gilman, E. Wilson, and Gray also did good work for the "Freshies."

The only score of the game came in the first period and was largely due to a fumble by Captain "Mike" Fidance of the Sophomore team. "Mike" fumbled a punt on his own fifteen-yard line; and Meyers fell on the ball. On the next play Gray went thru center for a touchdown. Wilson missed the goal.

The line-up:

Freshmen	Position	Sophomores
Gilman	l. e.	Loomis
Bratton	l. t.	T. Wilson
J. Alexander	l. g.	Marshall
A. O'Daniel	c.	Campbell
M. Mitchell	r. g.	Beauchamp
E. Wilson	r. t.	Ruth
Meyers	r. e.	Smart
Smith	q. b.	W. O'Daniel
Gray	1st h. b.	McDowell
Lauritsen	2d h. b.	Fidance
Ritz	f. b.	Crawford

Summary: Touchdown—Gray. Substitutions: Freshmen—H. Alexander for J. Alexander, Creadick for H. Alexander, T. Mitchell for Creadick. Referee—Cann, 1915. Umpire—Handy, 1916. Head linesman—Grieves, 1915. Quarters—8 minutes.

On Wednesday night, November 25, the last football smoker of the year was held in the College Oratory. The object of this smoker was to arouse enthusiasm for the Thanksgiving Day game with the Indian Reserves. President Little called the meeting to order at 8 p. m. After the cigars and cigarettes had been passed around, the speakers were called on. Short, enthusiastic talks were given by Professors Short, E. L. Smith, and Tiffany, "Dick" Taylor, '12, "Bob" Har-

vey, '12, "Al" Connellee, '14, and Coach McAvoy. Yells were given after each speaker concluded his remarks. A new song to the tune of "It's a Long Way to Tipperary" was introduced. It was announced that a prize of \$5.00 would be given to the person who composed the best "victory song" to the same music. After the singing of the "Alma Mater," the meeting broke up.

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The Delaware College Athletic Council held a long session December 8, when much business in connection with the athletics of the college was transacted. It was decided to give the 'Varsity and scrub football players a banquet at the Hotel DuPont, Wilmington, the same as last year, to be followed by a theatre party. This banquet will probably be given some time this month and there will be about 35 in the party, including the members of the Athletic Council.

The college "D" was awarded to the following for their work in football during the past season: Captain Handy, Cann, Groff, Smart, E. Wilson, Grieves, Newton, Crothers, Taylor, Fidance, Gray and Manager Little. The Council will give these letter men the option of selecting a small gold football or sweaters.

The insignia "Del" was awarded to the following in football: Loomis, T. Wilson, Marshall, Pepper, M. Mitchell, Bratton, Myers, Gray, Smith, Lauritsen and O'Daniel.

The class numerals for football were awarded as follows: Sophomores—T. Wilson, Loomis, Marshall, Campbell, Beauchamp, Fidance, Crawford and McDowell; Freshmen—Gilman, Bratton,

J. W. Alexander, J. O'Daniel, E. Wilson, M. Mitchell, Myers, Gray, Ritz, Lauritsen and Smith.

The football schedule for next season was discussed at some length and especially the Thanksgiving Day game, as it has been decided to have a game on that day each year in the future. An effort will be made to enter into an agreement with Maryland A. C. to play here every Thanksgiving Day for a term of years. Some of the other colleges that Delaware will probably meet on the gridiron next fall will be Haverford, if it is possible to arrange a game; Lafayette, Stevens Institute, Western Maryland, Dickinson, Temple, and Pennsylvania Military College.

Members of the Council were much pleased with the past football season not only as to the excellent showing made by the eleven, but also as to the receipts at the gate.

Coach McAvoy has decided on a new feature for the pre-season work in basketball. Instead of waiting until after the regular season is over before the inter-class series of games is played, "Mac" has decided to have them take place before Christmas. Everyone is urged to try for a place on one of the class teams; for the 'Varsity squad will be picked from the players who show up to the best advantage in these preliminary games. The idea is good, and these games should be of great assistance to Coach McAvoy in the selection of his squad.

The basketball schedule for the coming season was approved as submitted by Coach McAvoy and Manager Geog-

hegan, by the Athletic Council at a meeting on December 8. The season will open January 13, with Temple University playing at Newark. The schedule contains 13 games and most of them will be played on the home floor. The schedule follows:

- January 13—Temple University of Philadelphia at Newark.
- January 15—Baltimore City College at Newark.
- January 22—Swarthmore at Swarthmore.
- February 6—(Saturday afternoon, pending) St. John's or Ursinus at Newark.
- February 17—Drexel Institute of Philadelphia (pending) at Philadelphia.
- February 19—Crescent A. C. at Brooklyn.
- February 20—New York University at New York.
- February 23—Drexel Institute (pending) at Newark.
- March 3—Western Maryland at Newark.
- March 5—Susquehanna at Newark.
- March 12—Washington College at Chestertown.
- March 19—Washington College at Newark.

The annual inter-class indoor meet is scheduled to take place Friday evening, December 18, at 8 p. m. The following events will be contested: Light-weight boxing; middle-weight boxing; heavy-weight boxing; light-weight wrestling; middle-weight wrestling; heavy-weight wrestling; Tug-of-war, 3-minute duration, seven men on each side; and run-

ning high jump, two entries from each class. Ex-Captain Cann of the football team has charge of the Freshmen; and Captain Handy of the football team has charge of the Sophomores. Every man in the Freshman and Sophomore classes should get out and work to make this meet an exhibition of good clean sport.

The Athletic Council has awarded the following numerals for track: 1915, Manning and Gibney; 1916, G. O. Smith, Handy, Crothers and Wills; 1917, Marshall, Hastings, Steele and Derby.

The following skeleton baseball schedule for next spring was approved by the Council:

- April 17—Baltimore City College at Newark.
- April 22—Drexel Institute of Philadelphia at Newark.
- April 24—Swarthmore at Newark.
- April 28—Stevens (pending) at Hoboken.
- May 1—Johns Hopkins (pending) at Newark.
- May 5—Muhlenburg at Allentown.
- May 6—Lafayette (pending) at Easton.
- May 7—Washington College at Newark.
- May 8—Open.
- May 12—Temple University (pending) at Newark.
- May 15—Interscholastic Field and Track Meet.
- May 19—Pennsylvania Military College at Chester.
- May 22—Muhlenburg at Newark.
- May 26—St. John's of Annapolis at Newark.
- May 29—Western Maryland at Newark.

Locals

L. O. Russell, '15, and D. P. Horsey, '18, are firmly convinced at the high cost of living. On Thanksgiving Day they went to Dover to see a couple of "chickens." They borrowed a car to come up to see the game with the Indians. They experienced several blowouts, necessitating three patches and one inner tube. In addition, they were fined for speeding. To cap it all, they called up the girls to tell them of the trouble. The operator let them talk, then, when through, charged them \$1.15 telephone charges. It cost these two boys just \$21.15 to see the Thanksgiving game and spend a little time in Dover.

Be careful how you talk—Koerber is at the Wireless.

Lieut. Herman—"Cunningham, how do you preserve the guide?"

Cunningham, '16—"Can' him."

Dr. Mitchell made the following announcement in chapel, and is as yet unable to understand the merriment which followed: "On Saturday evening, Dr. Rowan will give in the Women's College an illustrated lecture on 'Bird Life.' This lecture will be mainly on Plumage."

Lieut. Herman (to a late arrival in "Millinery" class) — "You'd better come in next Monday, Mr. Geoghegan."

"Doc" Vaughn—"Mr. Lacklen, just when did the Baptists originate?"

Lacklen—"They were the people who believed in baptism."

Doc—"Hold on, Mr. Lacklen, let's

get these folks started before we baptize them."

It was explained in Physics that a hydraulic stream would throw aside an axe if one attempted to cut the flow of water with it. The next day Hopkins, '17, was noticed holding the edge of a hatchet to a stream from the fire hose. When asked for an explanation he said he was merely sharpening up the axe in readiness for the Christmas turkey. His theory may have been all right but Hop soon discovered that his scheme wouldn't work practically.

The other day Ruth '17 appeared to be all rapt attention as Doc Penny elaborated on the mechanical advantages of holding one's breath as one made certain gases. Further investigation showed that Rube's attention was rapt all right; it was wrapped in slumber.

Freshie No. 1—"Say, Steve, what'chu got on this morning?"

Freshie No. 2 (laconically) "B. V. D's."

Report has it that since Martin read, in the November Review, how popular he was with Dean Robinson's proteges, he has been going down the road twice as often as before.

Jones, '17—"I say, Doctor Harter—" Doc Harter—"Say it."

Jones, '17—"Can you use horsepower units to measure the work done by a donkey-engine?"

In last month's Review Miss J. was pictured as bemoaning the departure of her last quarter. She should cultivate the acquaintance of foot-ball men, and maybe she could get at least a quarter-back.

Prof. Short attended the Army-Navy football game on November 28th. There are certain fellows in college who wish that these two teams would play oftener.

Dr. Vaughn (in Delaware History)—“Now, as a matter of fact, what is the difference between an optimist and a pessimist?”

Bright Freshman—“Well, in a boarding house the man who asks if there is any milk in the pitcher is a pessimist; and an optimist is one who says, ‘Please pass the cream.’”

Dr. Sypherd—“Do not pronounce ‘when’ as if it were spelled ‘wen,’ but be sure to sound the ‘h’. For instance, in this sentence—‘When are you going to Wilmington?’”

A Back Row Wit—“One eight.”

In Freshman English Class recently Dr. Sypherd was called from the room to answer the 'phone. During his absence, some one scattered some powder about the room. As “Doc” re-entered, he sniffed cautiously, then said, “Gentlemen, this room smells like a lady's boudoir.”

Miller '18 (sotto voce to Mitchell '18) “Say, Mitch, what part of a lady is her boudoir?”

“Dreamer” Morrison, '16 (to Cann, '15, who is taking up a collection for a

Smoker)—“Say, Bill, got change for a cent? I can't let you have it all today.”

“Dutch” Little, '15, says he'll have to be broke hereafter when collections are being taken. He says he contributes more than any one else. In addition to what he actually drops in the hat he “lends” other fellows a nickel or a dime. Needless to remark, he never sees the change again. He says he's been chipping in about sixty cents at each smoker. Tough luck, Herm. We now know where we can make a “touch” when we're just a wee bit shy of the mazuma.

HELP WANTED—Any one who owns an extra watch (a cheap little Ingersol will do) will win my everlasting gratitude if they will but present the same to William Hulburd (alias “Shorty”) Alderson, as he is always pestering me for the time.

(Signed)

Hamilton Bartlett Beacom.

Hamilton B. Beacom, '15, wishes to have his middle name changed to Kiefer, as he says he no longer likes Bartlett for a name since he became sickened by some pears having that title.

Since the erection of the wireless apparatus on Mechanical Hall, Suddard, '15, has spent much time on the roof, gazing alternately at the aerals and at the sky. It has been quietly rumored that “Suds” is hoping to see a wireless message received.

The regular Friday night parties at the W. C. D. are rapidly becoming the most popular form of evening entertainment around Old Delaware. The boys

look forward longingly from week-end to week-end, to the time when they can commune with impunity with their sister students. Practically nothing else is talked of on the campus. On Saturday morning few classes are attended, as the boys are all busy talking over some exciting incident of the night before. As in most other human activities, some far outshine others. The eligible agricultural professors, for instance, seem to be stellar members of the huge aggregation that wends its way towards the W. C. D. on Friday evenings.

When one goes "down to the Women's College" one is met at the door by a chaperon, and asked to come right in. He then is introduced to the whole student body at least once; but this is merely a matter of form, as he has met half of them before and has known the other half all his life. After this formality is over, the exhilarating pastime of standing around and talking is indulged in. In about half an hour someone suggests a game (of the prevalent "slap you on the wrist" variety) which meets with seemingly hearty approval from all. The game runs along very smoothly, except for a chaperon jumping up every three or four minutes to bring back truant couples, until it dies a natural death. After two or three of these games have been played, a hearty meal of apples and crackers is served. All too soon the late hour of ten draws near. The busy chaperones are seen stealing around from boy to boy and saying, "I am very sorry (a la Doc Penny) but you will have to be going now." The fortunate youths then bid farewell to all the dear girls, telling what a fine time

they had, and go home with a new inspiration for the coming week.

E. H. D. '17.

On November 16, Doctor Vaughn at chapel hour gave a pleasing report on the actions of the Council of American Mayors, lately held in New York. The feature of the address was the loud and continued laughter (on the part of Doc's students) which followed some of the witty sallies for which Doc is noted. Dorsey and Beacom, in the front row, led the appreciative laughter.

On November 14, Delaware welcomed one of her sons again to her portals, when Frederick C. Clarke, '03, gave an interesting talk on the subject "The National Bureau of Standards." Mr. Clarke is connected with that bureau and explained some of its systems and daily problems.

Probably one of the most unique talks ever given before a Delaware College audience was given several weeks ago by Mr. Chen, a young Chinaman who has come to this country that he may improve himself for his country's sake. Mr. Chen spoke of the awakening of China in her national, commercial, educational, and religious activities. After completing his course at Johns Hopkins University Mr. Chen purposes to return to his native land and, by his work, repay his government for the chance of studying in America. At the close of this truly remarkable speech, Mr. Chen was made acquainted with an American college yell as the entire student body made the rafters ring with the old Delaware yell for the plucky Chinaman.

On Tuesday, November 17, the Senior class in civil engineering at Delaware College made an inspection trip to Baltimore to examine the sewage disposal plants of that city. The class first visited the Back River Plant, which is an excellent example of the percolating filter type. The visit to this plant was of even greater interest to the students than usual, for in addition to seeing the working of the system of sewage disposal they were able to inspect several Imhof tanks and units of the filters in course of construction. They also visited the Intermittent Sand Filter Plant at Roland Park. The students were in charge of Professor C. A. Short.

Delegates of the National Grange visited Delaware College on Thursday afternoon, November 12. The Women's College was first visited and inspected. The delegates and their wives next visited Delaware College, at which an open meeting was held and largely attended. Governor Charles R. Miller presided. Judge George Gray was the principal speaker, followed by Carl S. Vrooman, Assistant Secretary of Agriculture.

A banquet in the Gymnasium followed. Those who responded to toasts were: National Master Oliver Wilson of Illinois; C. O. Raine, Missouri; H. Harland, Idaho, and C. P. Reardon, Kansas.

It was a notable gathering of Grangers from all parts of the United States.

E. W. Martin, '16, director of the Delaware College orchestra, has definitely decided upon the personnel of the orchestra for the coming season. Later, concerts will be given in Newark, Wilmington, and several towns down State.

The members of the orchestra are as follows: Director—E. W. Martin, '16; first violins—Earle Souder, '15 (Concertmeister), R. Sumwalt, '18, J. L. Ritz, '18, Seeley, '17, Swain, '18; second violins—A. G. Heinel, '17, Grieves, '15, Witsil, '18, W. A. Rhodes, '18, Bowen, '18, Catts, '18; bass viol—Groff; flute—D. A. Price, '17; clarinets—Wingate, '15, Taylor, '16; French horn—Haley, '16; trombone—Carey, '15. Adams, '15, is business manager, and Salevan, '16, is assistant business manager.

The report of Dr. Samuel Chiles Mitchell, as president of Delaware College, shows that there are now in attendance at Delaware College 197 students and at the Women's College, 58, making a total of 255 students registered at the two colleges.

Dr. Harry Hayward and Dean Winifred Robinson were our representatives at the annual sessions of the Agricultural and Mechanical Colleges of the United States, held in Washington, D. C. on

Dean Robinson, in her report to the Trustees, speaks of the enrollment of the Women's College as follows:

The college was opened on September 15, 1914, with an enrollment of 31 students in the dormitory, 14 day students, and 10 special students in home economics, making an entire enrollment of 55. Later, two regular students and one special student were allowed to enter and the entire enrollment is now 58.

On Friday evening, November 20, Professor C. A. Short spoke at an open

meeting of Peach Blossom Grange, Middletown, on "Rural Sanitation."

On Wednesday, November 18, Professor E. L. Smith addressed the Avon Club of Felton on "Napoleon Bonaparte."

On Friday, November 20, at Delmar, Dr. Vaughn gave a lecture on "A Summer in Europe." In this lecture the speaker described the trip taken during the summer of 1913. It embraced a tour of England, Scotland, Belgium, Holland, the Rhine country, Switzerland, and Paris.

In order to aid students of Delaware College who are self-supporting, President Mitchell has appointed the following men a committee on student self-help: Professor H. E. Tiffany, representing the faculty; Mr. H. L. Bonham, representing the business interests of Newark, and Mrs. Joseph Weaver, '15, representing the student body. The committee has already formulated tentative plans, and has even secured Saturday afternoon work for several students. As soon as possible, the committee will issue a booklet, explaining its full purpose, its methods of work, and the results which it has attained. The appointment of this committee will make it possible for every sufficiently prepared Delaware boy who has ambition and pluck to secure a college education.

On November 24, the Board of Trustees of Delaware College held a very successful meeting, which assumed a very business-like aspect. Dr. Mitchell showed that he has familiarized himself with the details of the various phases of the College, by entering into all the discus-

sions with clean cut explanations of his views.

The following reports were submitted: Dr. Mitchell's and Dean Robinson's reports, as mentioned elsewhere. The Finance Committee presented a proposed budget for 1915, but asked that a special meeting be held on December 28, when the budget will be finally presented for the approval of the Board.

The Committee on Buildings and Grounds suggested, but not for immediate action, that a commons for the student body should be established. They also referred to the fact that more laboratory room is required, but action on this question was also postponed.

Chancellor Charles M. Curtis, for the committee on the Women's College, reported that some large equipment would soon be needed in some of the laboratories. He also reported on the opening of the college, students enrolled, etc.

Former Governor Preston Lea, President of the Board, was authorized to appoint a legislative committee.

Dr. Mitchell was made director of the Summer School for 1915. He requested that State Commissioner of Education, Dr. Charles Wagner, have the same association with the school that he had last year.

Resolutions were adopted on the death of General William H. Stevens, of Seaford, and Lewis P. Bush, of Wilmington, both members of the Board for a number of years.

Paul Dougherty, '14, on the recommendation of the faculty, had the degree of Bachelor of Science conferred on him. At the time of Commencement in

June, he had not completed his work, because of sickness, but made up his requirements during the summer.

The tuition fee for non-resident students was reduced from \$60 to \$25 per year.

Coach McAvoy attended the annual conference of college basketball coaches and officials on November 27, at New York City. The conference was held in the Hotel Astor and all the coaches of the leading colleges of the country as well as many of the officials were in attendance.

E. William Martin, '16, has opened a studio in the first floor of the dormitories, where he will give instructions on the violin. He will teach either classes or individuals.

Dr. Samuel C. Mitchell was the guest of honor at the semi-annual dinner of the Church Club of Delaware, held in the Hotel DuPont recently. Dr. George A. Harter also attended the dinner.

On November 25, Mr. W. L. Campbell, representing the Hill Publishing Company of New York, addressed the Senior and Junior Engineers on the advantages of reading and filing technical journals. As a result of his address, most of the embryo engineers have subscribed for "Engineering News" and "Power," which two publications Dr. Sypherd will use in connection with his course in "Engineering English."

Prof. Koerber is installing a wireless station in Mechanical Hall. At present he has merely a receiving station, as much of his equipment has not yet ar-

rived. He is using temporary apparatus until he gets the permanent materials. Prof. Koerber's idea in installing the wireless is not so much for the sending and receiving of messages as for showing his students how the apparatus works. He has received messages from the plant in Philadelphia at Wanamaker's, from Springfield, Mass., and from other plants and steamships. At present Evans, '18, is the only licensed operator in college.

The Athenaeum Literary Society is rapidly growing this year. The old members are taking new interest and the new members are entering heartily into the work of the society. Debates, impromptu speeches, and declamations have been very creditably done by the members. Among those initiated and pledged this year to date are: Weaver, '15; Seward, '16; Martin, '16; Savin, Sparks, Gum, Hudgson, Bowen, M. Mitchell, T. Mitchell, Kister, and Fisher, of the Freshman class. The Society hopes to start again on another glorious era similar to those of the past.

The Delta Phi Literary Society is hard at work trying to make this year one of the greatest in the history of the society. The readings, orations, debates and impromptu speeches are being carried through with better results at each succeeding meeting. The fact that the debaters are rapidly gaining confidence in themselves increases the interest of the members. All of the questions for debate have been ably handled by the different debating teams, and have been a great benefit to the new members. In

summing up the work of the society for the month, everything points to its advancement.

We are glad to report that W. L. Haley, '16, who has had a long siege of typhoid fever, and H. L. Foster, '16, who has had blood poisoning in his hand, have once more resumed their college work. A. K. Mearns, '15, however, will not be back until February. His leg is not mending as rapidly as was hoped.

Dr. E. V. Vaughn, chairman of the Delaware College Extension Committee, announces the following extension lectures for December: December 1, Dr. W. J. Rowan before the Century Club of New Castle, on "Our Bird Neighbors"; December 4, Dr. E. V. Vaughn before the Twentieth Century Club of Smyrna on "Curious Facts in Delaware History"; December 7, Dr. Harry Hayward to the Tuesday Club of Odessa on "Our Careers"; December 9, Dr. Vaughn to the Century Club of Dover, on "Curious Facts in Delaware History," and December 11, to the Century Club of

Delaware City, on "Our Town: A Typical Community,"; December 11, Dr. W. O. Sypherd to the Acorn Club of Seaford, and on December 15, to the Century Club of New Castle, on subjects to be announced; December 16, Dr. Vaughn at the New Century Club of Wilmington, on "Curious Facts in Delaware History"; December 17, Professor C. A. Short to the Avon Club of Felton, on "Rural Sanitation," and on December 18, to the New Century Club of Delmar on Sewage Disposal.

On December 4, Dr. Mitchell attended the reception given to Senator Saulsbury in the Hotel DuPont by the Senior Civics Class of the Wilmington High School. In addition to Senator Saulsbury, Dr. Mitchell, Dean Robinson, Mayor Howell of Wilmington, Superintendent Scott of the Wilmington Schools, Principal Berlin of the W. H. S., Miss Carlisle, instructor of civics at W. H. S., and Dr. Forman, author of the text book on civics which the class uses, all gave interesting talks.

Agricultural Notes

The meetings of the Agricultural Club this term have been well attended and the programs have been interesting and varied. The meeting held November 19 was addressed by Dr. R. C. Reed on the subject of Foot and Mouth disease. Dr. Reed outlined in detail the work being done by the authorities to stamp out this dreaded disease. The meeting of the Club held December 3rd was addressed by Professor C. A. McCue on the subject of Cooperation among farmers.

On Monday evening, December 7th, several members of the Agricultural Club attended the annual corn and vegetable exhibition held by the Stanton Grange in Grange Hall. The first part of the evening was given over to a very attractive literary program. Following this, the members of the Agricultural Club acted as judges of the various exhibits. The remainder of the evening was given over to the social committee.

At the three county corn shows, the one at Georgetown, December 5, the one at Dover, December 11, and the one at Middletown, December 19, the Agricultural Club had an exhibit. Although the chief purpose of this exhibit was to extend the circulation of *The Delaware Farmer*, vigorous efforts were made to place the actual workings of the college before the people. Among the items on exhibition were numerous photographs of scenes about college, all the college publications, several pieces of apparatus used in student work and a tabulated account of the expenses for one year at college. Those in charge of the exhibit utilized every opportunity to boost the college in all of its departments.

The Agricultural Club is included among the Granges and other farmers' organization in New Castle county which are represented in the New Castle County Farm Bureau.

On November 18 and 19, Professor C. A. McCue of the horticultural department of Delaware College gave two addresses before the Maine Pomological Society at Bangor, Maine. His subjects were "Fertilizers for the Young Orchard" and "Pedigree Fruits." He gave, in chapel, a very interesting account of this meeting.

Alumni Notes

Lewis P. Bush, an alumnus of Delaware College, class 1874, and an active member of the Board of Trustees since 1902, died at his home in Wilmington, on Tuesday, November 17, aged 61 years. Death was due to heart trouble from which he had suffered for years. He is survived by a widow and three children: Miss Emma D. Bush, Chas. W. Bush, and W. Whitely Bush.

On November 19 and 20, Mr. Egmont Horn, '09, represented the Delaware Alumni at the meeting of the secretaries of college alumni associations which was held in New York. Mr. Horn will give a full report of the meeting at the Delaware College Alumni banquet in February.

Paul Dougherty, '14, at the recent meeting of the Board of Trustees, re-

ceived his degree of B. S. As stated in the report of the Trustees, he has earned this degree by completing his course during the summer. The delay was caused by the illness of Mr. Dougherty last year.

F. C. Clark, '03, who was graduated from the electrical engineering course, has been in the employment of the U. S. Government in the Bureau of Standards for the last four years. Mr. Clark paid his alma mater a recent visit; and while here gave an interesting talk before the students in regard to work done by the Bureau of Standards. Whenever an alumnus returns to "Old Delaware" Dr. Mitchell always makes an effort to get him to give a talk before the student body at chapel in regard to his

work. The students greatly appreciate these talks.

'04

Howard Ferguson, '04, who is Superintendent of Power for the West Penn Electric & Railways Company, spent Thanksgiving week with his parents in Newark.

'02

Willis Harrington, '02, sailed several weeks ago for Johannesburg, South Africa, where he is to take charge of the interests of the E. I. duPont de Nemours Powder Company at a salary of \$5,000 a year.

'10

Egmont Horn as alumni secretary for Delaware College recently attended a meeting in New York of College Alumni Secretaries.

'12

R. B. Harvey, '12, gave the electrical and mechanical students an interesting talk on November 25 in regard to the work done in the Educational Department of the Westinghouse Electric & Mfg. Co. "Bob" is assistant-superintendent of this Department, commanding a very lucrative salary.

'13

A. F. Walker, graduate in agriculture, was visitor here on November 26 at the meeting of the National Grange held at Delaware College on that date.

'14

A. H. Dean, who was employed in the State Board of Health laboratory at Newark, left Monday, November 30, for New York City, where he has accepted a position with the New York Ferment Co. "Arch" was always an enthusiastic worker in all college activities, both as a student and as an alumnus, and we will miss him very much around the old institution.

Among the number of visitors at the recent football games were the following alumni: Samuel Eastburn, exx'96, C. A. Short, W. O. Sypherd, E. L. Smith, '96; E. C. Johnson, '99, Frank Baldwin, '08, R. B. Harvey, C. A. Taylor, and J. G. Attix, '12; R. G. Davis, H. L. Maier, P. B. Patterson, W. M. Edgar, and L. A. Houston, '11; V. H. Jones, '09, G. P. Millington, ex'12, A. V. Davis, ex'13, L. A. Rossell, W. A. Sawdon, R. B. Carswell, '13; J. W. M'Cafferty, A. C. Connelley, A. H. Dean, and E. H. Hoch, '14; L. E. Beck, '13, James Taylor, ex'15, and H. H. Hill, ex'16.