

The Mask



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Kappa Psi Fraternity

INCORPORATED

CHAPTER ROLL

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Eta	Philadelphia College of Pharmacy	Philadelphia, Pa.
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Vol. 4.

APRIL, 1907.

No. 2.

THE WORKS OF LOUIS PASTEUR.

JOSIAH S. BOWEN, M. D.

(Past Grand-Regent and Ex-Delta.)

"Lives of great men all remind us
We can make our lives sublime,
And departing leave behind us
Foot-prints in the sands of Time."

To my mind Louis Pasteur was one of the greatest men that ever lived and I am taking the liberty at this time to bring his works to the notice of the members of Kappa Psi for two reasons which may indeed be considered only one reason and that is that he accomplished much for both Chemistry and Medicine.

Louis Pasteur was born at Dole in 1822. He devoted his life to chemistry and to investigation. In 1847, he took his degree and in '48 he was professor of Physical Science at Dijon and in the following year was professor of Chemistry at Strassburg. In 1854 he became dean of the faculty of Lille which he founded. Afterwards he was scientific director of the Ecole Normale Supérieure and was elected a member of the Institute. In 1863 he was made professor of Geology, Physics and Chemistry at the School of Fine Arts and was later professor of Chemistry at Sorbonne. After this he carried on his researches in the institute bearing his name—the world-famed Pasteur Institute.

The results of Pasteur's investigations have been many contributions to many branches of science. Pasteur is the founder of the modern stereo-chemistry. It was he who proclaimed that fermentation and the germ theory go hand-in-hand; and after much criticism and abuse proved conclusively to the world that Lactic, Butyric and Acetic Acid and other fermentations are due to micro-organisms.

He also proved that spontaneous generation is a myth and thereby substantiated Harvey's Law B, "Omne Vivum Ex Vivo"—"everything alive, from something alive." It is due to Pasteur that we know anything about putrefaction and its prevention and therefore the success in surgery is in great part due to Pasteur.

His studies on the diseased conditions of wines and beer saved to the French nation many millions of francs. Perhaps his greatest works were his discovery and the formulations of treatments for the prevention of silkworm diseases known as Pebrine. To-day the silk-production is one of France's greatest industries and the credit is due to Pasteur and to Pasteur alone.

His discovery of bacteria being the cause of Anthrax was epoch making as was also that of the results which he obtained from his investigations on chicken cholera.

His last but by no means his least work was not the discovery of the cause nor the cure of hydrophobia but the prevention of the disease after being

bitten by a rabid dog. This is indeed marvelous, to be able to prevent the disease without knowing what is the cause and not being able to cure it after it has well developed. The suffering which this discovery has eliminated from the world would, in my opinion, make him worthy of any honor or honors that the world could confer upon him.

Pasteur had not an easy time through life in carrying on his investigations. His laboratory was begun in a cellar and his apparatus was poor. The knowledge which he obtained made others jealous and envious and he was thus hindered by them. The laws against vivisection were strict and he was thereby much limited.

His life was also one of sadness. The loss of mother, father, sons and daughter was deeply felt by him. His unceasing devotion to his family, Church and State was that of a person most righteous. Death came to him on September 28th, 1895.

TUBERCULAR ARTHRITIS.

CHARLES W. ROBERTSON, PH. G., M. D. (Ex-Gamma.)

The practice of medicine is, and will continue to grow more so, one of conservatism. There are few diseases where we can show this conservatism, show good common sense and show patience to a greater degree than in the treatment of bone and joint Tuberculosis. This subject forms the most important part of orthopedic surgery, and while we will not all of us make a specialty of this branch of surgery, still it is well to look for a few moments at this most important part of it, for it is a disease which is found on all sides of us, but which is found in particular in the poorer and unsanitary districts of our large cities.

Articular tuberculosis begins as an affection of the spongy tissue of the epiphysis, generally near its line of junction with the shaft, occasionally near the articular cartilage. It occurs usually as a localized disease, appearing in one or more distant foci. The first change is the formation of a single or multiple foci of tuberculous degeneration, a hyperaemia occurs in the diseased epiphysis and in this hyperaemic area appears a small grayish translucent spot, almost as small as one can see which grows more gray and increases in size. At first this is purely a localized osteitis but later becomes complicated with a synovitis. As the disease progresses a bone abscess is formed, or, if treatment is instituted in time, a zone of non-tuberculous granulation tissue appears around the area and during the later and reparative stages of the process this area becomes less vascular and is converted into a denser fibrous tissue and the tubercular process becomes encapsulated and latent for the time being.

Three factors are recognized in the etiology of tuberculous joint disease:

- 1st. The infectious element, the tubercle bacilli.
- 2d. The general predisposition of the patient.
- 3d. The local condition which favors the reception and growth of the bacilli.

Of these the first is the direct cause, that is, the presence of the tubercle bacilli may be introduced into the body by inhalation and find their way to the bronchial glands, or by the mouth and set up the disease in the mesenteric glands or after infection of the nasal passages may cause a secondary infection of the cervical lymphatics. It may be assumed that the disease of the bronchial and mesenteric glands is not uncommon in individuals of apparently perfect health, since it is often discovered at autopsies in those who have died from other causes. This form is called latent tuberculosis and usually precedes a local outbreak in the bone or elsewhere. This local outbreak is caused by free bacilli or bits of infected tissue escaping into the blood current and being carried to a distant part.

Of the indirect causes there are several:

1st. Predisposition. This may be inherited or acquired. A history of tuberculosis in the immediate family of the patient would be supposed to imply a lessened resistance to this form of disease. This is inherited predisposition and while of less value than the acquired, still, must be taken into account. The history of many cases will not show much as to hereditary predisposition, for parents of all classes are more anxious to establish some traumatic cause than to have it supposed that the child inherited any constitutional taint. The acquired predisposition is of more direct importance since it would include the lowering of the vitality due to improper food and to improper hygienic surroundings of every variety. Thus tuberculous disease of the bones as well as of other parts is more common among the poor of cities than among the more favored classes.

Another indirect cause is traumatism. Experimentally it has been shown that trauma of the joint of a tuberculous animal may cause tuberculous joint disease, but that it does not do so in healthy animals. It has been established that contusions and wrenches cause the contusion of blood into the spongy tissue of the bone. It would therefore seem rational to assume that trauma caused tuberculous joint disease in children who inherited a constitutional taint. But it becomes evident at once that this is not all for every surgeon of experience can cite cases in which joint disease of a tuberculous type has followed injuries in children whose family histories were exceptionally good. These cases are probably to be explained by the presence of a latent tuberculosis in the mesenteric glands or the bronchial glands, which it is impossible to diagnose.

Age. Tuberculous joint disease is pre-eminently a disease of children. It is not congenital and under one year of age it is not common. The majority of cases occur between the ages of three and ten years. The liability of the aged to tuberculous joint disease must not be overlooked however. The patients may be 75 or 90 and cases of hip disease present the same pathological appearances here as in young children. The course of the disease is more rapid and destructive than in the young and its etiological relations are decidedly more obscure. In such cases the tubercle bacilli have probably been present, latent and encapsulated, until a time favorable for their growth.

A case is reported of a woman 71 years old. In June, 1894, she was attacked with pain and swelling in the left ankle. In October it suppurated and the joint was opened and drained. Pus burrowed up the leg in the tendon sheaths and a wasting of the muscles ensued. In March, 1895, the leg was amputated through the lower third and the patient improved. In March, 1896, one year later, a periostitis of the left ulnar occurred, went on to suppuration and it was three months before the sinus healed. Nine months later when the patient was 73 years old the right ankle became infected and was amputated. When she was 75 the right knee became infected and another amputation was done at the lower third of the thigh. There was no further trouble after this.

The reasons why tuberculous joint disease affects children to so great an extent are as follows:

1st. In the active period of growth more change is going on and therefore more instability exists and consequently greater liability to disease.

2d. Children are more liable to falls and injuries which are such a fertile source of bone and joint lesions.

3d. It is not till after puberty that the process of natural selection has eliminated the weaklings from the stock.

4th. Children are kept quiet less easily than adults and a slight injury may develop into a formidable disease.

5th. Tuberculosis in general is more common in childhood.

Sex. Tuberculous disease of the joints is somewhat more common among males than females. Of 3,822 cases of Potts disease treated at the hospital for

ruptured and crippled, 53 per cent. were in males. Of 3,307 cases of hip joint disease 52.3-10 per cent. were in males. Of 1,218 cases of knee joint disease reported by Koenig and Gibney fifty-seven and six-tenths per cent. were in males.

Distribution. The joints affected most frequently and in order of frequency are the vertebrae, hip, knee, ankle, shoulder and elbow. The disease is slightly more common on the right than on the left side of the body. In children the vertebrae and hip joint are the two most commonly affected parts, while in adults of 21 years and over the knee, ankle, shoulder and elbow are the most commonly affected. Judson has called the attention to the great preponderance of joint disease in the lower extremities, as contrasted with the upper limbs. The figures of two orthopedic institutions in New York city for a single year show this plainly and are as follows:

Hip joint disease, 577 cases.

Knee joint disease, 181 cases.

Shoulder disease, 6 cases.

Elbow joint disease, 8 cases.

Any combination of joints affected may be found but the most common are hip disease and Potts disease. Knee disease and Potts disease, and double hip disease. Disease of the knee and hip joint at the same time is not common and double tumor albus is unusual. This last summer I saw one case of both knees and one hip affected. Besides this the child had a tubercular peritonitis.

Diagnosis. The recognition of tuberculous joint disease is based upon certain general phenomena modified by the anatomical condition of the joint affection. There are however three general ways of diagnosis:

1st. By inoculation.

2d. By Xray.

3d. By the use of tuberculin.

The inoculation of material from suspected joints into guinea pigs forms a reliable means of diagnosis. The use of the X rays is an aid only when the process is sufficiently advanced to have caused the absorption of lime salts in the affected area or to have destroyed any part of the bony structure. In early cases the radiograph may be normal when disease is present. The use of tuberculin as a means of diagnosis is open to criticism. The results are so uncertain that its value in the individual case is always open to question and cannot be assumed to be a reliable demonstration that tuberculosis is either present or absent in that particular case. It has been demonstrated that in a certain per cent. of well marked cases of pulmonary or other forms of tuberculosis that tuberculin gives a negative result while in other cases, presumably non-tubercular, a certain per cent. of positive results is obtained.

Prognosis. The destructive process which is so prominent a feature of tuberculosis is almost from the first accompanied by a reparative process, tending to limit the destruction, protect the surrounding tissues and prevent generalization. The prognosis depends in the individual case upon which of these two processes prevails over the other. The former is favored by inefficient local treatment, bad inheritance, poor general condition, unfavorable surroundings, and, in general, what may be termed poor resistance to the tuberculous process. The reparative process is favored by the reverse of these conditions. The danger to life is direct and indirect according to the part affected and the age of the patient. In disease of the spine the danger to life is greater than in joint disease because of its situation since it may involve the spinal cord or extend to the important organs in the neighborhood.

The influence of deformity, and its effect in compressing the internal organs, and thus interfering with the vital functions, is another, and more remote, element of danger in disease in this situation. In rare instances in joint disease the process may extend from the epiphysis to the shaft of the bone and set up an extensive osteomyelitis.

The indirect danger of tuberculous disease is its dissemination to the more important organs. In the majority of all cases of joint tuberculosis properly treated at a fairly early stage, the outlook is favorable. The prognosis is more favorable in children than in adults.

(To be continued in the next issue.)

"TO KAPPA PSI."

(Air "America.")

HENRY J. GOECKEL.

(Ex-Gamma.)

We'll 'er true brothers be;
 Even in adversity
 Firmly we'll stand!
 Our hands, our hearts to thee,
 Forever pledged shall be,
 Glorious old Fraternity,
 Dear old "Kappa Psi."

In pleasure, work and hope
 Our aim shall ever be
 To uphold thee.
 When unto the end we've come,
 And beheld the setting sun,
 Our thoughts shall be on high
 Of "Kappa Psi."

THE OBJECTS AND PURPOSES OF KAPPA PSI.

"The Objects and Purposes for which this body is formed are to conduct a mutual fraternal organization, having for its object the mutual advantages of its members; and, to this end, to unite in fraternal bonds persons of good character and sound mental health, by conferring upon them such degrees as are prescribed by the ritual of the Fraternity; which degrees are designated to exemplify industry, sobriety, mutual fellowship and esteem; to inculcate nobility and courage of mind and heart; and to further in every way possible the advantages of its members, socially, morally and intellectually."—*Art I. Constitution.*

ESTABLISHMENT OF CHAPTERS.

Active Chapters of this Fraternity shall be established only at recognized schools of Medicine or Pharmacy, and the said school must be authorized to confer degrees and to award diplomas to graduates thereof.

Application for a charter for the creation of a chapter shall be made in writing to the Grand Regent, to the Grand Secretary and Treasurer, or to the Chairman of the Legislative Committee; and shall be signed by seven (7), or more regular matriculates of the College at which it is desired to establish the Chapter.

No Charter shall be issued to any Chapter until the Charter fee of twenty-five (25) dollars shall have been paid in full to the Grand Secretary and Treasurer.

Active Chapters shall be instituted only after the application for such shall have been favorably acted upon by a majority of the Legislative Committee and by three-fourths ($\frac{3}{4}$) of the existing active Chapters.—*Art XII, Sec. 1, 2, 3 and 4, Constitution.*

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EDITORIAL.

We regret to have to chronicle the suspension of a chapter but we do not doubt that every one who has the welfare of the Fraternity at heart will confirm the actions of our Grand-Regent in withdrawing the charter of a chapter which failed to show a live and progressive spirit. It is far better to have a smaller number of good chapters, full of zeal and interest for their college and Fraternity than to have many inactive and unprogressive ones.

Like individuals, “the chapter worth while is not necessarily the one that will smile when everything goes dead wrong” but the one worth while is the one that will TRY to do something and to be something—to be something more than a senseless log drifting on the stream of life without a guiding thought or an intelligent purpose.

We are pleased to have received two excellent contributions from passive members and trust that more will be forthcoming before the July issue goes to press.

Our chapter seems to have had real enjoyable times during the past three months. From all reports Gamma does not stand alone in the number and success of her social functions, Eta, Kappa and Lambda have shown equal zeal, and Delta and Epsilon proved their spirit at the convention.

Attention is directed to the fact that the July number will be mailed to the home address of every active member, so be sure that your secretary sends in the correct address, or write directly to the Editor.

Graduating members, don't forget to send in one dollar, to continue your subscription. “The Mask” will not be sent to any one who does not pay for it.

The new “AGORA” now in preparation will be sent FREE to every member who sends in his subscription—ONE DOLLAR—for 1907. Do it now.

We are pleased to note that the passive members are awaking to the fact that they are still needed within the ranks. They have many of them read Article XIII of the “Constitution” and as a result twenty-two in New York have already signed the petition for the establishment of the “New York Alumni Chapter” but are waiting for the Gamma men who graduating this spring and who desire to be in the Alumni Chapter from its very inception. The passive members in Philadelphia have started out to beat New York. According to the last report twelve have already expressed their desire to form a Philadelphia Chapter, and Bro. F. W. Rugg of Portland, Me., our past Vice-Regent and Chairman of the 1906 Legislative Committee had started out to organize Maine Chapter.

Chapter Notes.

ALPHA CHAPTER.

What Can I Do For My Fraternity?

This is a question frequently being asked by the average member; its answer is really not so difficult as many of us imagine, nor does it require a great expense of time or energy to give the mite asked of us, for the support and advancement of our Fraternity.

Dear Brothers, we can do many things, which, simple in themselves, will do much for the advancement of our Fraternity.

We can advance the interests of our Fraternity best, by being loyal to our Grand Officers and the Committees of the Grand Council.

Loyal to the Grand Regent by giving him the benefit of any experience we may have had in our local chapters, by giving words of suggestion and advice.

Loyal to the Grand Vice-Regent, by giving him prompt and efficient aid in any manner which may become necessary at any time.

Loyal to the Grand Secretary and Treasurer by being prompt to pay our per capita tax (if active members) and giving prompt attention to any matter or subject he may present to us.

And last but not by any means the least.

Loyal to our Grand Historian and Editor; here is where we can look for the greatest improvement in the matter of loyalty.

Most of us have been loyal to our other Grand Officers to a greater or less extent, but how few indeed have shown the loyalty that this Grand Officer deserves, as his is the office, and his the work least understood.

Many members would look askance at any brother who would suggest to them to be more loyal to the Grand Historian and Editor, and many would no doubt say: "That doesn't apply to me, I have paid my subscription to 'The Mask.'" Ah, yes! here's the rub; we consider our duty done when we send in our per capita tax or our subscription, but how many of us have ever contributed an article to "The Mask," or have offered our commendation, our criticisms or our suggestion to the Grand Editor that this our official magazine may better fulfill its mission—that of the "*Tongue of the Fraternity speaking to Active and Passive; Honorary and Unaffiliated members alike.*"

There is no reason or excuse, why any chapter should not have its quota of newsy items of what the chapter is doing; what its members "Active and Passive, etc.," are doing or expect to do, during the time intervening until the next succeeding issue of "The Mask."

The Grand Regent heartily congratulates the Fraternity in having secured the capable and conscientious Brother who has been elected to the office of Grand Historian and Editor. The Grand Regent has known Bro. Henry J. Goeckel personally for several years, and has always known him to be sincere and thorough in anything he undertook, and I feel safe to say that in assuming his new duties, his energy will no doubt be felt for the good of Kappa Psi Fraternity.

In looking over the first issue of "The Mask" under the new editor, we were pleased to note that a loyal and devoted Brother had been placed in charge.

Has the Fraternity been loyal to him?

Unfortunately the answer must be negative. The notes from many chapters were conspicuous by their absence.

Every chapter should have had a page of its "doings," it is the one link in the chain which holds the passive member to the active body. Don't make the mistake of thinking that your items of news are not worth while, send them

in. Some of the pleasantest times of the year are those in which I can sit in an easy chair and eagerly scan the pages of "The Mask," looking first for the news of my Alma Mater Chapter, and then going through from cover to cover.

Never has there been an issue of "The Mask" published that I have not read from cover to cover, and other members I know have done this same thing.

Isn't it worth while for you to contribute to the general good? If not, then it is hardly worth while for you to be a member of our grand body.

I feel certain that it is not indifference but simply a case of neglect. But animals and plants die of neglect. Do you want to become a party to the death of The Fraternity?

Certainly not, you will readily answer. If not, don't you think it is your duty to show your loyalty to Bro. Goeckel, and not alone to him, but through "The Mask" to the Fraternity at large, by sending any items you may know about the affairs of our fellow members.

If there is an article in your home paper about a member, or a fraternity, "cut it out" and send it at once—before the impulse vanishes—to Bro. Goeckel, he will take care of it.

I have written more than I intended to, when I began but the object is a worthy one and should receive greater consideration. I don't like to go over an issue of "The Mask" and see that the bulk of the matter has been written by myself and brother officers, sometimes for the purpose of giving a respectable appearance to the issue, i. e. in the amount of matter, and I sincerely hope that I may never again be obliged to look at such an issue; we won't have to, if every reader will take this message to heart.

Now since this is the last issue to appear before the time of graduation of many active members who will read this, I desire to add one more thought.

As soon as you have read this message, sit down and write a letter to the Grand Editor and inclose \$1.00 for your year's subscription to "The Mask." It is a dollar well spent and will go far in keeping Kappa Psi to the fore.

Wishing those who graduate this spring a full measure of prosperity and all the Brothers a like measure, I remain,

Fraternally yours,

GEORGE L. HOLSTEIN, P. D.

Grand Regent.

Lebanon, Pa.

Membership Certificates:

The Grand Council is prepared to issue Certificates of Membership (cost of same 75c. each) to Graduates of the Class of 1907 through the Secretaries of each chapter. Passive members desiring Certificates must apply for same through the Secretary of their former chapter and same will be issued at a charge of one dollar each, providing the applicant was in good standing at the time of his Graduation, or has since paid up in full and is now in good standing.

Chapter Secretaries are requested to apply for Certificates as early as possible in order to facilitate the work at this office.

PRESS ELDRIDGE, JR.,

104 E. 26th Street,

New York City, N. Y.

Grand Sec'y and Treas.

"CONSTITUTION."

Copies of the "Constitution" of Kappa Psi Fraternity can be secured from the Grand Secretary and Treasurer or thru the Editor of "The Mask." Price 50c., cloth bound.

Here's to good old "Kappa Psi,"
 You cannot get by her if you try,
 For, when she starts she goes clear thru,
 Backed by a mighty lively crew.
 It is, "go it Sal" from start to end,
 As on the journey your footsteps wend,
 And when thru with your initiation,
 You wonder how in all creation
 They ever thought of so much to do,
 When they commenced to "pass you thru."

E. FREDERICK MORRIS, M. D., Ex-Epsilon.

GAMMA CHAPTER.

Gamma's Second Annual Dance.

Gamma's first venture into the "Dancing Game" proved such a popular success last year, that the members resolved to duplicate the event and in consequence on Tuesday Evening, February 26th, at the Hotel Marseille, 103rd St. and Broadway we gathered to thoroly enjoy ourselves, renew old friendships and incidently give "our best girls" a chance to see what a fine lot of men belong to Kappa Psi.

The Ball Room was tastily decorated with the "light blue and white" of Columbia and the "Scarlet and the Gray," of our "Frat." The music was by the Hotel Orchestra. The dance orders were printed on cadet gray paper with a red impression of the Fraternity Pin on the cover. Twenty dances were arranged and during the intermission we were ushered into the hotel dining hall where a light luncheon was served and which every one thoroly enjoyed.

Brother Percy A. Coles and Fountain Bruce Moore of Eta Chapter were present and, if some of the reports are true, they left behind them quite a few broken hearts.

The patronesses were: Mrs. A. A. Annis, Mrs. Hortense Alt, Mrs. A. S. Ashton, Mrs. T. W. Dalton, Mrs. Le Roy Duckworth, Mrs. P. M. Everts, Mrs. J. M. Goring, and Mrs. Jane L. Kennedy.

Among the Brothers present were: Press Eldridge, Jr., G. S. & T., New York City; F. B. Moore, "Eta," Philadelphia, Pa.; Percy A. Coles, "Eta," Philadelphia, Pa.; Clad. C. Perdoe, New York; E. O. Dalton, Syracuse, N. Y.; H. K. Gaynor, Jr., Jersey City, N. J.; E. J. Brownell, Mexico, N. Y.; M. H. Ward, New York; H. D. Goring, Wappinger Falls, N. Y.; C. P. Pullen, Booth Bay Harbor, Me.; Howard P. Brown, Swanton, Vt.; L. R. Duckworth, Easton, Pa.; Edwin M. Davis, Elizabeth, N. J.; Oscar H. Stechmann, Jersey City, N. J.; J. B. McConnon, Utica, N. Y.; M. P. Everts, New York; Paul E. Nielson, New York; Jos. S. Schuer, Berryville, Va.; H. V. W. Goring, Peekskill, N. Y.; Roscoe M. Annis, St. Johnsbury, Vt.; W. D. Ashton, Piqua, Ohio; B. B. Alt, Town of Union, N. J.; Henry J. Goeckel, G. H. & E., Bronx, N. Y.

The following ladies honored the Chapter and Fraternity with their presence: Miss E. Anna Duckworth, Easton, Pa.; Miss Elsa M. Schulz, Jersey City, N. J.; Miss Cathryn L. Scott, New York; Mrs. L. R. Duckworth, Easton, Pa.; Mrs. D. H. Walter, New York; Miss Aunie C. Demarest, Newton, N. J.; Miss Caroline L. Vorhis, Yonkers, N. Y.; Mrs. H. Alt, Town of Union, N. J.; Miss Hortense Alt, Town of Union, N. J.; Miss Courine Holmes, Michigan; Miss May H. Mansbarb, Cumberland, Md.; Miss Anna F. Guilfooy, Albany, N. Y.; Miss Louise Gould, Milledgeville, Ga.; Miss Gertrude Belle Cobb, Syracuse, N. Y.; Miss Clara Hoops, Jersey City, N. J.; Miss Bertha Nielson, New York; Miss E. Gayle, New York; Mrs. M. P. Everts, New York.

The committee in charge consisted of Brothers R. M. Annis, H. D. Goring, W. S. Kennedy, W. D. Ashton, and E. O. Dalton. They deserve great credit

for the work performed in making this dance such a grand success and making it possible for so many people to spend a most enjoyable and delightful evening.

ONE WHO ATTENDED.

Bro. Pascal Everts, P.-R., still has the famous "Washington Horse." He is going to present it to the N. Y. Chapters when they start a Fraternity House.

Bro. Paul E. Neilson is now in business for himself on Columbus Ave., N. Y. City.

Bro. M. A. Kaehle, Gamma's first Regent, is still at Litchfield, Conn.

Bro. Chas. W. Robertson, '03, graduated as an M. D. from Dartmouth Medical College on March 29. He has been appointed house physician at the Wentworth Hospital of Dover, N. H.

Bro. B. B. Alt, Phar. D. contributed an original article on the Examination of Oil of Eucalyptus to the "Alumni Journal of the Columbia Univ. College of Pharmacy."

Bros. Geo. W. Koch, Phar. D. and H. J. Goeckel, Phar. D. also contribute articles to the "Alumni Journal." This proves that Kappa Psi men do not forget their Alma Mater.

Bro. Koch has an analytical laboratory and well established pharmacy at Woodhaven, L. I.

President of the Crystal Chemical Co. of Easton, Pa. is the title of Bro. L. R. Duckworth.

Bro. M. B. Hargrave is now in business for himself at Fulton, N. Y.

Bro. Fred. A. Wiley, another staunch old timer is in Oswego, N. Y.

DELTA CHAPTER.

It is a greater disgrace to be sick than to be in the penitentiary. If you are in the pen, it is a sign you have broken some man-made statute, but if you are sick it is a sign you have broken some God-made law. Send for a doctor.

H. P. HILL, JR.

Mrs. George of Baltimore has announced the engagement of her daughter, Miss Henrietta George to Dr. Marshall L. Price. Brother Price is the Assist. Secretary of the Maryland State Board of Health. The wedding will take place in June at St. Paul's Church, Baltimore.

Brother J. H. Cahoon is practicing medicine in New York. He was one of the first to sign for the formation of an Alumni Chapter in New York.

At the annual election of officers of Delta Chapter the following were elected: W. C. Coleman, Regent; J. L. Anderson, Vice-Regent; C. B. Collins, Secretary; G. H. Richards, Treasurer, and T. M. Bizzell, Historian.

It will be noted that to Bro. Coleman was again tendered the honor to be our leader for the present year. This is in recognition of his untiring labor and earnest endeavor to advance the interests of Kappa Psi.

"Smoker."

After the regular meeting on Friday night, March 22nd, we held a very enjoyable "Smoker." Bro. R. B. Hayes, M. D., Grand Vice-Regent, was our Toast-master and conducted the affair in a most admirable manner. Bro. N. E. Shakespeare brought honor to himself by his forceful address in behalf of the Department of Pharmacy of the University.

Among the Brothers who offered toasts were: J. A. Black; J. L. Anderson; C. I. Benson; T. W. Alexander; Bay; Owen and Frahley.

After smoking the pipe of peace and friendship in a truly Kappa Psi manner, we parted to retire to our several homes and dreamt sweet dreams of Kappa Psi.

Delta has arranged to have a box party at Ford's Theater on April 5th.

At a recent meeting of "The Craftsman's Club," a local organization of Masons at the University, Bro. Coleman was unanimously chosen for the president.

The Junior Medical Class held its annual box party at Ford's Theatre, March 20th, and a most enjoyable evening was spent. It was largely thru the efforts of Bro. G. H. Richards, who is the Class President that the affair proved a success.

T. M. BIZZELL, Historian, Delta Chapter.

ETA CHAPTER.

Eta's Dance.

Another step in Eta's advance in social spirit and the co-operative and true fraternal spirit was the dance given for the exclusive pleasure of her loyal members and their lady friends. It was given at the Wynnefield Country Club, a short distance from the City on March 15th. The music was by the well known "McKinney's" Orchestra and the hall was very prettily and artistically decorated. Miniature Kappa Psi pennants were presented to those present as a token of the occasion.

The patronesses were Mrs. H. Hering, Mrs. Frederick Wagner, Mrs. F. Kelly, Mrs. Jessup, and Mrs. C. H. Garrison.

There were about seventy-five couples present, and all returned to Philadelphia in a special train which was chartered for the occasion. All report having had a most enjoyable time and look forward to the dance of 1908 in joyful anticipation.

B. L. F.

Eta's Sixth Annual Banquet.

The joys of anticipation did indeed not exceed the pleasures of gratification when the Brothers of Eta assembled about the festive board at the Hotel Walton on March 22nd.

The tasteful menu and artistic decorations and the prevailing fragrance of the pinks and roses which were in abundance, besides the smiling faces and the good will manifested by all present, made the occasion one not to be forgotten by those who attended. Tho the Thee and Thou and Thine of by-gone days was not in evidence, the spirit of friendship and brother-hood reigned supreme at this gathering in the Quaker City.

Prof. Edward C. Kremers, Dean of the School of Pharmacy of the University of Wisconsin honored us by attending. Prof. Joseph P. Remington, Dean of the Philadelphia College of Pharmacy was the Toast master for the evening and proved himself a loyal Philadelphian by his able and witty retorts to the quibbs of our Grand Officers from New York. President Howard B. French of the Philadelphia College; Clemen B. Lowe, Professor of Materia Medica; W. S. Truesdell, Instructor in Latin; Dr. E. F. Cook, Instructor in Commercial Training, all responded to toasts.

Bros. Geo. L. Holstein, P. D., of Lebanon, Pa., an Ex-Eta man and our present Grand-Regent; Press Eldridge, Jr., Grand Secretary and Treasurer, and Henry J. Goeckel, Phar. D., Grand Historian and Editor, an Ex-Gamma man, were present. Among the Passive members were: G. Covell Davy, P. D., '06; Dean B. Crawford, P. D., '05; F. B. Kelty, P. D., '06; Walter Jessup, P. D., '06; H. S. Anthony, P. D., '03.

Among the active members were: David L. Houck, '09; H. M. Beaman, '09; J. W. Lockhart, '08; S. J. Bannan, '08; Wm. Mathenson, '08; E. L. Kelly, '09; W. E. Clarke, '09; Garfield March, '07; Ray N. Graeff, '07; Geo. Henig,

'08; Edward F. Shaefer, '07; Ray H. Holmes, '07; Geo. C. Shaffer, '08; Lionel W. Hall, '07.

Among the Toasts were: "Our College and Our Fraternity," by P. A. Coles; "Athletics," by W. E. Gregory; "The Freshman," by E. L. Kelly and "Fraternalism," by D. B. Crawford.

Our Grand Officers spoke of the following: Grand-Regent G. L. Holstein on "The Aims of Kappa Psi"; Grand Sec. & Treas. Press Eldridge, Jr. gave a short history of the Fraternity, and our Grand Historian and Editor spoke in behalf of "The Mask" and Alumni Chapters.

The affair was truly Kappa Psi in all details, even the cigarettes were genuine Kappa Psi Egyptian Turkish, each cigarette having the emblem in gold and red silk tips, and packed in scarlet boxes on the covers of which was an exact embossed reproduction of our pin in black and gold.

To the Committee in charge belongs great credit for the success, and Eta is indeed to be congratulated.—ONE OF THE GUESTS.

We are pleased to report that Bro. Chas. McLaughlin of Lebanon, Pa., who is with Mulford & Co., has recovered from a severe attack of typhoid pneumonia. He was in St. Agnes Hospital of Philadelphia for four weeks.

Bro. Howard Houk, P. D. is now proprietor of the Indiana Pharmacy, cor. Philadelphia and Sixth St., Indiana, Pa.

Bro. Ray D. Gilliland is with E. W. Allison at Indiana, Pa.

Eta Chapter was well represented at the Senior Prom. on January 18th. The large banner of the Chapter and many smaller ones were used to decorate the College Museum in which the affair was held. A very pleasing address was delivered by Bro. Wm. Ellsworth Gregory, President of the Senior Class. Among the passive members present were: Bros. Covell Davy, A Newton McCausland, Fred. B. Kelty, Geo. W. Lord and Louis E. Boesser.

The following senior members of Eta are members of the committee to publish "The Graduate" for 1907: Bros. Fountain Bruce Moore, Editor-in-Chief; Percy A. Coles, Editor; Wm. E. Gregory, Business Manager; Edward S. Wright, Treasurer.

One of Eta's distinguished chemists of the '07 Class has recently toured the State of New York and reports of having visited relatives there (?). Of course we doubt not the assertion of our noble brother, but according to the "Hypothetical Question," the matter is open for discussion and a vindication upon the part of the matrimonial candidate.

Bro. Herbert S. Anthony, our "Globe Trotter" who has during the past five years been in various parts of the Orient, including Japan, China and the Philippine Islands, and who was one of the first to stake a claim in the now famous Goldfield district is now in Philadelphia. He is just as jolly as in the days when he helped to organize Eta Chapter. He still insists that Prof. Remington is a mean man because he wrote a book,—and Anthony had to study its contents to pass the exam's. We all know the book and are trying to establish a lasting acquaintance with this ponderous and formidable volume.

Eta Chapter will this year present a gold medal instead of a \$20 gold piece as heretofore to the member of the Senior Class who at Graduation has attained the highest total average in studies during the entire course at college.

The new officers for 1907-8 have been installed and the Chapter will indeed be left in good hands at the close of this collegiate year. The resigning officers and graduating members have complied with their duties with true fraternal spirit and to the best of their ability and sincerely hope the newly elected officers and initiated members will meet with the same success. Indeed as we step down and out of active student life into the ranks of our profession, a feeling of sorrow or sadness will go with us. We part from our intimate

friends and affiliating brotherhood of Psi perhaps for the last time, and go to parts far distant from each other but we all hope that each and every brother of Kappa Psi will eventually join that host of successful men who have made our country what it is to-day.

We wish the famous little publication known as "The Mask" much success and development in its future work.

B. L. FUSER,
Sec'y, c./o. P. C. P.,
145 N. 10th St.,
Phila., Pa.

THETA CHAPTER.

EDITOR "THE MASK":

March 13, 1907.

I have revoked the Charter of Theta Chapter for the non-payment of dues and general lack of interest, and have to-day received from Bro. G. Naff, secretary of the late Chapter, the Ritual, Books and Charter, which are now in my possession. I am very sorry that it should have become necessary to take this step, but I gave them every inducement consistent with the best interests of the Fraternity and they did not make the required effort.

Fraternally,

GEORGE L. HOLSTEIN, P. D.,
Grand-Regent

IOTA CHAPTER.

At the recent election of Iota Chapter, the following were elected to office for the ensuing year.

Wm. W. Perdue, Regent; Sheppie Rufus Parker, Vice-Regent; Thomas Meriwether, Jr., Sec'y; Wm. Henry Abernethy, Treas.

KAPPA CHAPTER.

J. F. Hughes was our Beau Brummel at Osceola.

If a first year man don't pass bones he will see them in his sleep.

Good Advice? Buy a Hygiene, lay it on the shelf, and pass it without opening it, and see where you land.

Two years good standing friendship with Doctors Bailey, Simon, Gray and Kirke entitles you to a formal introduction to Dr. McAdory.

All agree that D. S. Moore, Jr. is alright.

How about "The Ninety and Nine"?

Wonder what drink Anthony likes best, it's hard to tell.

Every one loves the "Little Red Sholl."

C. G. Arbery is the latest Papa—may his troubles be little and many.

Our smoker last year made "Little B. G." famous.

Speaking of smokers, they are delightful affairs which can be lived over again at one's leisure.

The picture of Kappa's charter members now hangs in the hall of fame. They were the pioneers, warriors and conquerors and will achieve success.

The group of 1906-7 will soon be added to our collection of heroes.

Our charter is indeed well guarded as it hangs in the midst of this galaxy of heroes.

Wade A. Martin's Bijou Theater party will be one of the bright memories of 1906-7 for the boy.

Our memories will often dwell upon that evening at Osceola, ask J. F. Hughes and J. C. Anthony. Our two brother seniors and passive members

proved themselves royal entertainers and we enjoyed their hospitality while at Osceola.

Brothers Walter F. Hamilton and E. N. Harris want to take home souvenir sheepskins of a special kind, this term.

The Birmingham Medical College wants to enroll 300 students next year. This will give Kappa plenty of good material to select from.

Kappa Chapter Annual Banquet.

On the evening of March 20th all the loyal brothers of Kappa Chapter laid aside their text books and banished all thoughts of the approaching exam's and with hearts light with joyful anticipations assembled at the Hotel Hillman where in company with passive members of the chapter, visiting brothers from Baltimore, Md. and a number of prominent physicians of Birmingham, who were the guests for the evening, they did justice to the Cause.

Dr. W. C. Gewin was chosen toastmaster and proved himself worthy and well qualified for the honor.

The toasts worthy of special mention were the "Graduating Class," "Birmingham Medical College," "Kappa Psi Fraternity," "Relation of Pharmacist to the Physician," "A Local Chapter House for Kappa," "Greek Letter Fraternities" and last but not least, "The Ladies."

The active members included: J. C. Anthony, H. S. Armistead, W. A. Martin, W. J. Lovett, F. W. Harris, E. N. Harris, W. F. Hamilton, W. O. Lawrence, W. A. Lavender, P. G. Williams, C. G. Arbery, James R. Chandler, Joel Chandler, J. G. Davis, J. F. Hughes, J. W. Black, E. A. Hendricks, D. S. Moore and C. W. Farrar.

The passive members present were Doctors W. C. Gewin, L. G. McCullum, W. B. Rowe, J. I. Goodwin, A. L. Glenn, and G. M. Fields.

J. C. ANTHONY,

Historian, Kappa Chapter.

LAMBDA CHAPTER.

March 15, 1907.

Lambda Chapter desires to express her thanks to Bro. Holstein for the propitious outlook and the kind wishes for her future expressed by him in the January issue of the "The Mask." We also thank the "Kappa" brothers for their favorable report concerning us and we promise to try to live up to their expectations.

Lambda Chapter was installed on Friday, January 4th, 1907 with ten charter members. We meet every Friday night and now have nineteen energetic and enthusiastic members, all of whom are working and pulling hard for Lambda and Kappa Psi.

The members who have been received since the installation of our chapter are: Bro. Norton, transferred from Kappa Chapter; T. J. Draper, '08; R. B. Gaston, '08; R. H. Johnson, '08; G. C. Harris, '08; N. A. Long, '08; J. T. Guthrie, '08; G. A. Skoog, '08; C. M. Reames, '08.

At a recent meeting the executive officers for 1907-8 were elected. The results of the election are as follows:

Bro. T. J. Draper, Regent; Bro. G. A. Skoog, Vice-Regent; Bro. N. A. Long, Secretary; Bro. R. H. Johnson, Treasurer.

The retiring officers deserve great credit for their tireless and endless work in endeavoring to safely guide our infant chapter thru the troublesome days of babyhood into a calm and firm youth and they well merit our deepest gratitude.

On January 31, Lambda gave her initial social event of the season—a skating party at the Nashville Hippodrome, in honor of our lady friends. The

hand painted favors, entwined with the "Scarlet and the Gray" represented a pair of roller skates. Light refreshments were served and a most enjoyable time was had by all.

On Washington's Birthday, a smoker was given by the chapter at its rooms for the benefit of her members. A buffet supper was served and our first toast to "Kappa Psi" was enthusiastically given. Then followed a delightful social evening, numerous amusing anecdotes were related and many suggestions for the good and welfare of the Order were given and discussed. The favors which were suggestive of the day were little scarlet hatchets tied with gray ribbon.

The members of the chapter have both individually and collectively received many social attentions at the hands of our young lady friends and therefore it has been decided to have an informal dance at our chapter room on Friday, March 22, 1907. This, our first chapter dance is anticipated with much pleasure.

A. D. RAMSAY, Historian,

Lambda Chapter.

Yes, Lambda is going some. We have started out to get our "Frat" firmly established at Vanderbilt. We believe we can but accomplish this by having enjoyable social functions.

Lambda's Dance.

Lambda's first dance proved to be a delightful affair. Our Chapter Rooms in which it was given were decorated in Japanese style—streamers and pennants in our University and Fraternity colors were of course used without stint.

Amid the melodious strains of music by the Kuhn's Ethiopian Orchestra the Patrons and Patronesses, Mr. and Mrs. Griswold and Mr. and Mrs. Warner, welcomed all the Brothers and guests.

We were pleased to count among our guests Bro's. H. M. Williams and Dr. W. A. Winter.

The ladies present were, Mrs. Griswold, Mrs. Warner and Misses Isola Allen, Bessie Crump, Annette Martin, Katherine Wade, Bernardine Regan, Jessie Hearn, Aileen Decker, Lelia May Bolling, Kathryn Hinkle, Marguerite Hill, Elizabeth Woodall, Clara Fritchie and Margaret Diehl.

During the evening frappe was served and each person present received a tiny Japanese fan and umbrella tied with the Fraternity colors as a memento of the occasion.—A. D. RAMSAY.

EIGHTEEN-HUNDRED YEAR OLD BACTERIA.

During the bacteriological examination of the contents of an old Gallic-Roman grave in the vicinity of Troussepoi, in Vendé built in the second century after the birth of Christ bacteria cultures were obtained with comparative ease from a rather strong layer of slime, which enveloped the remains of animals and ornaments, and consisted principally of the coli bacillus and of various species of the sphaero bacteria.

The slime experimented with was taken at a depth of ten meters under the surface of the ground We might be lead to think that the bacteria, in consequence of bad filtration, had forced their way into the inner parts of the grave from the upper strata, that is, from the surface. Owing to the geological condition of the entire surrounding country this theory must be excluded altogether and we must accept it as certain that the bacteria do find their source in the goat, dog and cow carcasses found in the grave.

Many species of bacteria are able to maintain life for an abnormally long period on a ground which offers them no nutritive material whatever; when however, they are transferred into more favorable nutritive mediums, they again begin to reproduce. The bacteria under consideration seem to furnish a case of this state (tho an extra ordinarily long one) of the "retarded life."

They have evidently been imbedded in the slime of this grave for nearly eighteen hundred years without suffering a loss of their vigor or vitality.

Scientific Amer. Sup. No. 1625.

WHISKEY FOR TOOTHACHE FATAL.

SYRACUSE, N. Y., Monday.—Frank Bearup, nine years old, was advised by his father yesterday to take a mouthful of whiskey to allay pain from an aching tooth. The lad did so and continued the treatment until he had taken more than half a pint of liquor. He was seized with convulsions and died at midnight.

—*N. Y. Herald*, 3-12-'07.

A TEST FOR THE BLOOD DIFFERENTIATION.

A simple modification of the serum method of differentiating the blood of different animals has been devised by Herr Piorkowski and has the great advantage of not requiring the use of living animals. A small quantity of serum from a given animal is placed in a very small test tube into which is then introduced one drop of the fresh blood under examination, diluted 10 to 15 times, or of a solution of the dried blood in a solution of salt. The tube is allowed to stand for about 45 minutes after which its contents are examined. If the blood was from an animal of the same species as supplied the serum a faint red precipitate of coagulated blood will be seen while the liquid above will have remained clear. On the other hand the blood of an animal of any other species will have dissolved in the foreign serum, coloring it red. The reaction is made more conclusive by shaking the tube at intervals of thirty minutes after the first coagulation, a fresh precipitate being formed each time.—*Knowledge, Eng. (Vol. II, 86, 109; Vol. IV, 40).*

The deputy commissioner general of the International Maritime Exposition to be held at Bordeaux from May to October next has selected the following formula for a preparation to be used in rendering non-inflammable all wood used in the construction of the buildings and all cotton, canvas and linen stuffs, carpets and rugs employed in the furnishing thereof.

Ammonium Sulphate.....	135
Borax	15
Boric Acid.....	5
Water	1000

—*Sc. Am. Sup. No. 1624.*

The Government of New South Wales is experimenting with the bacteriological treatment evolved by Dr. Danysz, a professor at the Pasteur Institute, for exterminating rabbits. Dr. Danysz claims to have discovered a microbe which tho fatal to rabbits is perfectly innocuous to other animals and to human beings.—*Sc. Am. Sup. No. 1625.*

BOSTON, Mass., Monday.—The State Board of Registration in Medicine has given up the battle against the Christian Science system of healing. This was the bombshell exploded by Chairman Edwin B. Harvey, of the Board, at today's hearing by the Legislative Committee on Public Health.

A large number of Christian Scientists and spiritualists were in attendance, and when Chairman Harvey took the floor and declared that the Board had consented not to ask the committee to pass legislation aimed at the Christian Scientists there was much applause.

The bill provided that any person who professed to heal would be held to practice medicine. This was the portion aimed at the Scientists. The attitude of many legislators who are crying to give the followers of Mrs. Eddy a "square deal" is said to be behind the determination on the part of the Board to drop proceedings at present.—*N. Y. Herald*, 3-12-07.

LOOKING FORWARD.

It is to be hoped that the Chicago professor who wants to establish a course in courtship will not live to learn that he has founded a "school for scandal."—*N. Y. Herald*.

WEIGHING.

Will some one weigh the thoughts of the five Massachusetts physicians who solemnly assert that the average human soul weighs an ounce?—*N. Y. Herald*

THE WEIGHT OF MAN ON THE PLANETS.

If the planet Mars is really inhabited, the people who live there must be an exceedingly nimble race. The average weight of a man is about 140 pounds but the force of gravity on Mars is so much less than on earth that the 140 pound man would weigh only fifty-three pounds if he were transported there. With such light weight and still retaining the same strength, an individual would be able to run with the speed of an express train, go skipping over ten-foot walls and do various other extraordinary things. On the moon a man would be even lighter.

But on the sun, our 140 pound man would have his troubles. Instead of being an airy individual, he would weigh in the neighborhood of a ton and three-quarters. He would probably have the greatest difficulty in raising his hand, for that member would weigh about 300 pounds.

According to scientific computation, a man who on the earth weighs 140 pounds would on the other celestial bodies weigh as follows:

Moon	23 pounds.	Uranus	127 pounds.
Mars	53 "	Earth	140 "
Venus	114 "	Saturn	165 "
Mercury	119 "	Jupiter	371 "
Neptune	123 "	Sun	3,871 "

—*Sc. Am. Sup.* No. 1625.

"GIRL IN A PIE" AT AN ALUMNI DINNER.

Last night at the dinner with which 150 alumni of the Sigma Alpha Epsilon college fraternity celebrated its founder's day at Reisenweber's, when the dessert was being cleared away Charles Studin, a lawyer, who was presiding, gave a signal and eight waiters staggered in, bearing an enormous pie.

The diners, few of whom were in the secret, stared with mingled feelings of expectancy and apprehension.

"You are now, brethren," said Mr. Studin, "about to be transported to the Madison Square Garden tower. When the pie is opened you all are at liberty to have any kind of fit of paranoia, or any brain storm you choose."

At a signal the waiters pried the pie open. Out of it rose a dazzling beauty, a wax doll, with golden hair, and about four feet tall. She was clad in a sweet smile and a quarter-yard of gauze.

While the tables were in a roar of laughter and applause at the burlesque hit, four and twenty English sparrows were released from the pie and flew over the tables to the open windows. The doll was made to stand up by an invisible wire which the waiters hitched to her neck just at the right moment.

Dr. H. G. MacAdam, chairman of the Denver committee, was the author of this little diversion, and he was rewarded. Dr. Julian Gehring, an alienist, appropriately moved that, as Dr. MacAdam was the father of the "Waif," it was his duty to adopt and clothe her.—*N. Y. World*, 3-10-'07.

FRATERNITY AND DUTY.

"Fraternity is the spirit of mutual love and helpfulness. It can grow and flourish only with those who love honor and justice and who will and think and do for others as they would that others should do for them.

"The lesson of life and death is to do our duty now and here with the living, and to so prepare for death that we may welcome an opportunity for yet better work."—*Phil Gamma Delta*."

When we hear men boast of their own talents we incline to think their talents should be reckoned as the East Indians reckon rupees—by the lack."—*Prenticeana*.

THE OBJECT OF FRATERNITY.

"The object in fraternity is the protection of the spirit of mutual love and helpfulness. Therefore, we band together, for in union there is strength. Therefore, there is assumption of obligation and duty; to uphold the institution; to be loyal to its law and purpose; to practice fraternity in home, state and lodge.

"To do this we must realize, that is, make real and vital principles of its obligation and life."—*Phil Gamma Delta*."

MINERAL WATERS.

Apollinaris, labeled a natural water, is the output of a German spring, freed of its iron by exposure to atmospheric air in large open tanks, then receiving an addition of salt equal to the weight of mineral ingredients naturally contained, and then carbonated.

Buffalo Lithia water from an American spring or springs, advertised as containing, 2.25 grains per U. S. gallon, the government analysis finds much smaller amounts, and according to the analysis made by Prof. E. Waller, the water contains but 0.013 grains of Lithium bicarbonate per gallon.

Rhens water, the product of a German spring, is freed of its iron, recarbonated and then bottled.

Londonderry Lithia, an American water, advertised to contain 7.29 grains per gallon, contains but a spectroscopic trace of Lithia, an amount too small to be expressed in weight.

Bear Lithia, an American product, contains only a trace of Lithia.

Hunyadi-Janos, advertised as a natural Hungarian laxative water, is the manipulated mixture of more than one hundred springs.

Geneva Lithia water, an American product, said to contain 23.8 parts per million of Lithia, is found to contain but 0.1 part.

Reichsquellen, Imperial Spring, Friedrichsquelle, etc., are purely artificial products, put up by various manufacturers, under a so-called stock label, purchased of a supply house.

Reichsquellen, Imperial Spring, Friedrichsquelle, etc., are rank fakes and will cease to exist entirely.

In the case of Rhens, the fact that the iron is removed must be plainly stated on the label.

Apollinaris, however, met its worst foe in France, which demanded that the water be termed artificial, owing to the extent of its manipulation, the result being that each bottle sold in France has "Eau Artificielle" blown into it.

The Artificial waters, present the same conditions. Such waters as artificial Vichy, Selters, Kissingen, etc., have been put up by a motley crew of bottlers, bearing no chemical or other resemblance to the waters whose name they bear; in most cases, all are drawn from the same tank.

The commonly termed "sweets," embracing such as Pop, Dewey, Lemon Soda, Sarsaparilla, Ginger Ale, etc., have, owing to sharp and cheap competition, dropped to the very lowest ebb of purity and sanitary conditions. Sugar hardly ever enters into their composition, saccharine, a harmful coal tar product being its cheap substitute, and glucose or some other substance furnishing the body lacking through absence of sugar. The law has taken a firm stand against such proceedings in this and other countries, and the use of saccharine, glucose, etc., will give way again to sugar. Similarly cheap and adulterated essences and extracts will be displaced by pure and wholesome ones.—*By Julius Greyer, Chemist, Ohio Board of Pharmacy, thru Nat. Bottlers' Gazette.*

THE DOCTOR'S THERE.

When in the cottage blessed with Love's sweet store
A babe is born, and o'er the rustic door
Is hung the crown of motherhood, and fair
Is all within—the Doctor's there.

When 'neath the pall of mystic Death's weird spell
A mother's heart is broken by the knell
Of all that's dear, and on the stair
No baby feet—the Doctor's there.

When Virtue flees and breath of ruthless lust
Eats into souls as does the gnawing rust,
When no one else with Her the shame can share,
With father's touch—the Doctor's there.

Where blossoms Life's sweet Bud at blush of day,
Where withered Rose at eve-tide steals away
On the South wind—in joy and care
An uncrowned king—the Doctor's there.

—PRENTISS MCKENZIE, in "Branch Twigs."

A. H. F E T T I N G

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