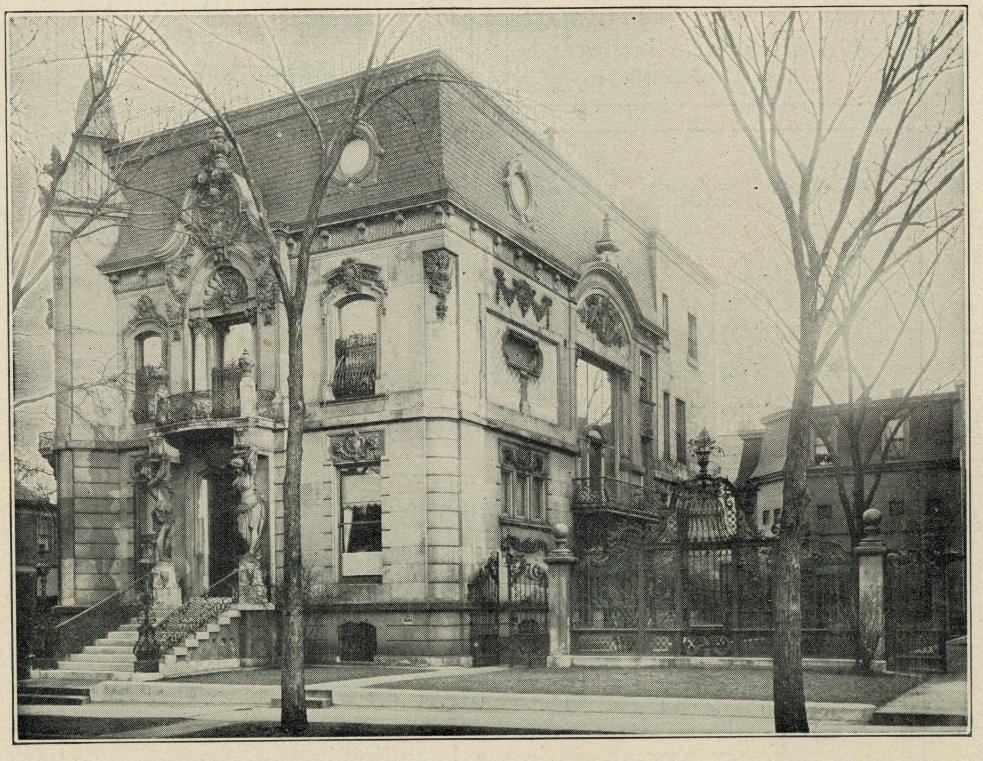
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The Swedish Engineers' Society
of Chicago, Illinois

MONTHLY BULLETIN

FEBRUARY 1930



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BUSINESS MEETING, WEDNESDAY NIGHT, FEBRUARY 26th and Lecture by James J. Maguire on "Chicago, City of Destiny"
(See page 3)

SILLFRUKOST—SUNDAY, MARCH 2nd
DO NOT FAIL TO MAKE RESERVATIONS! (See page 6)

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MONTHLY BULLETIN

Published monthly for the members of the Swedish Engineers' Society of Chicago, Illinois

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THE PRESIDENT'S ABSENT MESSAGE

The multitudious melodies of the mocking bird, in the gardens of perpetual verdure; the intermittent flapping of dripping wings over romantic rivers, in sub-tropical jungles; the beating of the blue billows on sandy beaches, under soft south-sea breezes; the splashes of playful tarpoons in the outer deep—in short, the call of the Sunny South—added to which were glowing messages and tender pleas from wife and daughter, already there—this, altogether, was too much for our friend and president to resist.

So, having set his house in order —the Annual Meeting held, committees appointed and set to work— everything finished, except the customary message for the Bulletin— Mr. Shoan, accompanied by Axel Monson and Roy W. Wilson, whose families, like his own, had gone there a month earlier, turned his back on our zero cold and soot-covered snowdrifts, for a brief midwinter vacation in beautiful Miami, Florida.

A few minutes before leaving the executive offices of the Super Maid Cook-Ware Corporation, Mr. Shoan remembered the Bulletin and telephoned your editor that the time was too short and advised us to go ahead and set it up without his message.

However, before this month is over, we expect a president's message of double size, brim-full of fiery phrases, for our enjoyment and inspiration. Look for this, in our next issue!

We might add that, with President Shoan's sanction, we have adopted a simplified system of handling the material that goes into the Bulletin, by which we will be able to edit it at our leizure, instead of by forced night sessions and the sacrifice of valuable time. We may give out the details and reasons for it in the March issue, after we have had a chance to further discuss the plan with all the members of the new Bulletin committee. —The Editor.

ÅRSMÖTET

Lördagen den 25 januari gick vårt stora årsmöte av stapeln. Kvällens förhandlingar skedde i stora balsalen. Ett festligt dukat bord och festlig mat. Vad mera gives en syndare behov!

(Åke beklagar här, att åtskilliga av föreningens medlemmar, som väntats vara närvarande vid ett så viktigt möte, ej infunnit sig.—Red.)

I alla fall hade vi som kommo en ovanligt trevlig afton. Ett glatt sällskap, goda vänner, uppsluppen studentikosanda och intressenas band. Vad mera gives behov.

Vackra tal höllos

Under kvällens lopp voro naturligtvis talen många. Klubbens närvarande före detta presidenter höllo alla tal. Kontentan av deras tal var, att Svenska Ingenjörsföreningen har alltid varit bra, men kanske aldrig bättre än nu. Mr. John E. Ericsson påpekade den kända sanningen, att svenska ingenjörer äro kända världen runt och "jag är stolt", yttrade talaren, "att vara svensk ingenjör, stolt över gåpåar-anda och över andan här på klubben, den anda, som hjälper oss alla att gå mot något bättre och högre."

Förhandlingarna avbrötos då och då för att ge tillfälle till litet lättare spis, andlig, förstås.

Då förhandlingarna sent omsider avslutats, var kvällens facit inte endast det av en trevlig kväll, utan också att klubbens öden äro i goda händer och framtiden ter sig utan hotande moln. —Åke.

(There were other noteworthy speeches, not mentioned by Åke, which will be given consideration in the March issue. A sample of these follows.—Ed.)

George Axell's Speech

This is the 22nd yearly meeting and inauguration of officers in the Society. I have had the pleasure of attending all of them since 1909 but it seems that although the previous meetings have been interesting, not only from a constructive and social point of view, the inauguration event for the last nine years has been particularly cheerful in reference to the progress of the Society.

Today we are celebrating the installation of last year's president, Mr. Nels Shoan, for a second term. What a fortunate situation to have such a good fellow and genuine leader to continue the work for the welfare of the Society. To him we owe a most hearty gratitude for what he has accomplished the past year; and when he is now about to start in again, with probably more strenuous work than heretofore, it would seem absolutely fair that we should all co-operate with him to the fullest extent of our capacity and pledge him our undivided support.

(To be continued)

MR. FRANZEN'S SUCCESSOR IN A FIERY MESSAGE

Fellow members: Read this message, because it is meant for you!

This Club, during the past few years, has been served very faithfully by its Lecture Committee under the chairmanship of that untiring worker, Olaf Franzen.

We have had the privilege of attending the lectures of eminent men who are transcendent in their chosen professions. Not one of them was reimbursed by us for his services, except that we gave him his dinner instead of asking him to dine before coming to the Club.

Notwithstanding the fact that these lecturers have come to nurture us with food from their deep wells of scientific knowledge, I regret to admit that we have often treated them very discourteously. When we have completed our dinner, instead of going promptly to the lecture room, some lounge around the halls or adjourn to the card and billiard rooms, seemingly oblivious to the fact that a speaker has come into our midst for the purpose of giving us something worth while.

We give our President and other officers the same discourteous treatment when they want us to assemble for a meeting following the dinner.

Think it Over

When you and I invite a guest to our home for an evening's chat, we do not leave the honored guest sitting alone at the table while we adjourn to the basement to play cards and billiards. No. We give that honored guest the consideration which is his due.

Now, fellow members, let us be frank with one another. If you want inspiring lectures, say so. If you prefer to play cards and billiards, say so. No club can transcend the character of the individual members of which it is composed. You and I are individually responsible for the character of the Swedish Engineers' Society of Chicago.

Our President, whom we all so greatly esteem, has placed upon me the responsibility of furnishing you with lecturers for the coming year. I have been offered the services of some of the world's most eminent speakers. Do you want to hear them or do you not?

Our first speaker will be Mr. James J. Maguire, whose subject will be:

"Chicago, the City of Destiny."

Mr. Maguire will appear on Wednesday evening, February 26th. Following the dinner, let every man be in that lecture room promptly.

Yours for courtesy,
W. E. Anderson,
Chairman, Lecture Committee.

GO TO SWEDEN AND "FLOAT"— FOR PLEASURE AND PROFIT!

Herewith we are presenting a brief summary of "the most enjoyable lecture of the season"—delivered after the October business meeting.

Incredible as it may seem to those of our members who were absent from the meeting, or absent from the lecture room, this was a really enjoyable, as well as instructive, lecture. Lectures, generally, are all instructive. This one was different, and when it was ended, we were sorry it did not last longer.

It was, of course, impossible in a brief summary to attempt to reproduce the purely entertaining features of such a lecture; the substance, the bare facts, alone could be retained.

The services of this highly qualified speaker were donated to our meeting through the good offices of Mr. Anderson, who introduced him in exactly the following language:

The Introduction

We are very fortunate tonight in having with us a man who needs no introduction in most of the engineering societies in this country.

He has distinguished himself as an engineer, scientist, teacher and patent expert.

He received his engineering degrees in the Michigan State College, Cornell University, and the University of Berlin.

He has been president of the Rose Polytechnic of Terre Haute; dean of engineering at Lewis Institute, and professor of engineering at Michigan State College.

During the war he distinguished himself as a member of the war plans division of our general staff.

For many years he has made a thorough investigation of the metal mines of this country and is well qualified to speak to us on his chosen subject, "Flotation."

Fellow members, it gives me great pleasure to introduce the speaker of the evening, Professor Philip Bell Woodworth.

FLOTATION

(By Philip Bell Woodworth)

One of the marvels of America is the fact that out of Sweden, a country having a total population of less than twice that of the City of Chicago, have come most of our leaders in the iron industry. The evidence is here. Several of the leaders are in this room. It is a pleasure and an honor to meet with you.

Sweden has given us our men of iron, and you are men of iron because of heredity and environment.

Six metals are mentioned in the Bible. Five of these are found in quantity in Sweden. The iron mining industry in Sweden antedates all our history. And the Bible mentions one of a race of giants thus: "Behold, his bedstead was a bedstead of iron." He was probably a Swede.

All mining engineers know that the leading industries of Sweden are based on the metals, and that in recent years new and extensive ore bodies have been opened up. Mining in Sweden not only has been, but is now, and is destined in the future to be the greatest industry. Just now we are particularly interested in a large number of mines where gold, silver, copper and lead were once obtained, but have been abandoned because of no known way of profitably working the low grade ores.

The New Process

One of the new processes may prove of great interest to those having low grade ores. By this new process ores containing only two per cent, or forty pounds of metal per ton of ore, are worked, and the workings proved more profitable than higher grade ores.

This process is known as the Oil, or Flotation, Process. Tradition states that a Mrs. Carrie Eversen, who once lived in Evanston, Ill., accompanied her tubercular husband to Colorado, where he played around a mine, and she discovered while washing his clothes, that metal particles would float to the surface of the suds if oil were present.

Some of the largest successful mining operations in the world today depend on this process. And many mines long since abandoned are now worked with profit. In the upper peninsula of Michigan, the tail that was dumped into the lake is now pumped out and metal recovered at a greater profit than by direct mining. The percentage of recovery compared with old processes is high.

The new or Flotation Process, in the simplest terms comprises taking one ton of ore, and grinding the ore very fine, so fine that it will remain suspended in a moving stream of water. About five tons of water are used to carry one ton of ore, and in the final grinding there is added an incredibly small quantity of oil—about one pound of oil to the six tons of ore and water. Substantially all of the metal content is floated to the top, but not by the oil, but due to the fact that oil is present and that oil has the peculiar property of finding and adhering to each small particle of metal in the mixture. The mixture looks like thin skimmed milk, and as the stream flows slowly through a long chute, bubbles of air are forced in at the bottom of the stream. The air bubbles will carry the oil to the top, and the oil hangs on to the metal. Air will not float metal, but it does float oil coated metals.

They All Float

Substantially all minerals which have the oil selectivity character are floatable. The list includes graphite, coal, iron, copper, the black copper sulphides, the combined copper sulphur iron ores, galena, silver, gold, and many others. All metals do not float with the same readiness, the result being that metals can be separated by flotation. Ores containing a mixture of lead, zinc and iron, when floated, can be recovered separately.

Fundamentally the process is very simple. Ores ground fine can be placed in a bottle containing about five parts water. If a drop of oil is added and the bottle well shaken to mix oil, ore, water and air, only a few minutes will be required to demonstrate that the metal content is riding on the top of the water.

In real mining work there are many problems, such as the most efficient oil, water free from chemicals, or with chemicals neutralized. The presence of fruit acids sometimes prevents flotation. Books have been written on why metals float. The authors do not agree, and the concensus of opinion is that no one knows why metals float. They just float. And most of the heavy metals float easier than the lighter ones. The whole process is so simple, yet has such peculiar twists and turns that it is full of glorious uncertainties.

If I had the honor of being a son of Sweden, and had grown as opulent and complacent as you look, I would delight in acquiring one of the many Swedish mines with an abandoned character, and float. Just float for pleasure and profit.

DEN VÄLSIGNADE SILLEN

(Med anledning av den senaste sillfrukosten på klubben, söndagsmorgonen den 19 januari)

Det är angenämare att vara med på en sillfrukost än att försöka beskriva den. Man kan icke göra den till full rättvisa för en sådan fest. För övrigt är det ett bevis på människokärlek att icke göra det. Tänk på alla de magsura, innestängda stackars människorna som kanske velat vara med men inte fingo. Man förstår med vilket lidande de skulle läsa ett referat som gjorde en sådan fest heder.

Det är icke endast en sillfrukost; det är en frukost-soaré. Trots det fick man sitt lystmäte även om man endast vore ett matvrak och gick dit enbart för maten. Robert sköter alltid om att klubbens fester icke äro endast mat framsatt på ett bord; de mest bestialiska matbegär blevo tillfredsställda. Det är att märka, att till den senaste sillfrukosten hade ungefär femtio medlemmar tecknat sig och cirka nittio hade infunnit sig, och ändå var det överflöd på allt.

Det har redan hänt

Det är hedrande för Robert Jacobsson, men inte för oss. Nu känner han sina medlemmar; men tänk, om han bedrog sig och fick stå där med all maten. När skola vi få ögonen öppna för hans svårigheter? Hade vi blivit avvisade därför att vi icke hade reserverat i tid — åh, hallå där! — då kanske vi hade insänt artiklar till Bulletinen, som Young haft verklig anledning att "klippa". Kanske Robert en annan gång icke tar en "chance" utan ställer i ordning endast för dem som reserverat. Då behövs det icke någon högre matematik för att räkna ut hastigheten av sillbitarnas försvinnande. Vägen känna vi, tiden är beroende på om man kommer först.

Den ojämförlige Folke

Hedern tillkommer dock icke endast Robert, utan huskommittén bör få en dundrande applåd för sina arrangemanger. Underhållningen sista gången var charmant. Endast ett sådant namn som Folke Andersson bör vara nog för att få folk att spärra upp ögonen. Han var en av hedersgästerna. Det är oförgätliga ögonblick att höra honom, och vi

hade glädjen att få göra det tvenne gånger. Bland annat sjöng han "Lola" ur "På Sicilien" (Cavalleria Rusticana), av Mascagni, på svenska.

Våra egna Chicago-sångare läto dock icke avskräcka sig. En av de bästa krafterna från Gleeklubben, Elias Dahl, sjöng "Land, du välsignade" och Sjöbergs "Tonerna", Pagliacci, med flera.

Den härligaste sång

Det var ett par ord sagda under denna fest, som måste glädja oss alla. När man talar om sångarsextetten, som även hade infunnit sig, kallar man den "Ingenjörsföreningens sångare". Vilket tomrum har icke därmed blivit fyllt! Det är en förverkligad dröm. Ingenjörer mer än andra människor behöva sång och musik som reaktion för sitt kalla, realistiska yrke.

Som solosångare lät Hagman höra sig i "Spinn, spinn" och "Rhenvinets lov"; Gösta Janson i "Hawaiian Love Song". Lundquist gav oss "Sæterjentens Søndag" som violinsolo.

Sångarsextetten var icke endast härlig utan även flitig. Mest sjöngo de folkvisor och Bellmans-bitar, och vad kan mera tjusa ett svenskt hjärta än sådant?

Han är gift nu — E. J. är

Ja, allting har en ände, men korven den har två; skär man av'n på mitten, har den två ändå, och så är det med en sillfrukost. Ett slut på klubben och ett när man kommer hem. Hur än det senare är, kan det icke förtaga den angenäma känslan av att ha varit med. Det är som "Åke" säger: "Alltid en underlätenhetssynd mindre".

—E. J.

In the printer's galley, there are articles from the editor's own pen and an assortment of "comics", set in type, ready for use when needed.

Some of this set-up matter has been put aside to make room for more important, last-minute stuff. Other parts have been held out to avoid offending some super-sensitive fellow member. We are printing here part of a full-page commentary on the first Sillfrukost of the fall season, written and set up months ago. It emphasizes E. J.'s warning as to reservations. —Ed.

NÄR ROBERT BEDROG SIG

Där var knappast ett halvt tjog personer närvarande när dörren till serveringsrummet öppnades, men antalet ökades under frukostens gång till tjugosju, inberäknat sångarna. Det visade sig dock snart att antalet har alls ingen betydelse, vad festlighet och stämning beträffar, ty det blev en av de allra trevligaste tillställningar vi någon gång varit med om på klubben. **Men för Robert var det ej så trevligt.**

Jacobsson hade gjort stora och kostbara förberedelser. Han hade visserligen ej räknat på ett hundra gäster, som vid de två sista sillfrukostarna under vårsäsongen, men sextio personer hade han dukat och köpt in mat för. Fru Jacobsson låg sjuk på Augustana hospital, varest hon undergått en blindtarmsoperation, och i hennes ställe hade en förstklassig svensk kokerska anskaffats och givits i uppdrag att bereda en frukost tillfället värdig. Följden blev en bespisning som ej snart kan glömmas.

Där var mat i överflöd

Där var smörgåsbord med alla tänkbara smörgåsrätter. Där var minst tolv olika sillrätter. Där var kryddsill-på-is; salt, rå sill; salt, stekt sill; färsk, stekt sill; inlagd sill; färsk, rökt sill; salt, torr, rökt sill; anjovis, gaffelbitar, sillåda och sill-i-papper. Där var sill med obegripliga namn och sill utan något annat namn än sill.

Där var också kötträtter, åtta slag, om vi minnas rätt, varma, med behagliga ångor. Bland dessa kan nämnas biff à la Rydberg, njursauté, äkta svenska köttbullar samt alla de övriga gamla goda rätterna, med såser och sallader. Där var, förstås, också potatis. Där var skinnpotatis — oskalade — och potatis, oskyldigt och behagligt inbjudande i deras rödvita nakenhet, pudrade i deras eget mjöl, ångande heta, frestande aptiten till överdrift.

Och så var där naturligtvis flera omgångar med kaffe — förtjusande gott kaffe — och andra tillbehör.

Sådant var det bord som hälsade oss i mottagningsrummet i vårt klubbhus söndagsmorgonen den 6 oktober — oss få, som hörsammat inbjudningen.

IN MEMORIAM

One of our former charter members, Melcher Johan Eichhorn, died January 17th from heart failure. He was born in Stockholm, December 10, 1870, and graduated from the Royal Institute of Technology in 1892. The following year he immigrated to U. S. and came to Chicago, where he worked first as a draftsman for several firms and later, in 1909-1913, as electrical engineer for the Cosmopolitan Electric Co. For three years he was employed as mechanical designing engineer in the Water Works Department of the City of Chicago, and from 1916 to 1919 as mechanical engineer with Sargent & Lundy. The following two years he was connected with Redfield Mechanical Co., in 1922 with Commonwealth Edison Co., and, last, with the Sanitary District of Chicago.

Mr. Eichhorn joined the Swedish Engineers' Society in 1908 and was quite active in its affairs at the beginning, serving on the lecture committee in 1910 and 1911, also on the library committee, in 1913. A very interesting paper on "Nomograms for Properties of Steam," printed in our 1911 yearbook, was prepared and discussed by him at a meeting held at the Svithiod Singing Club on April 15, 1911. Mr. Eichhorn resigned from the Society in 1923, as he found greater satisfaction in solitary studies, not only in strict technical subjects which culminated in a great number of inventions, but also in science, art and literature. He knew almost everything and commanded several languages. He married Miss Emmy Nelson, 37 years ago, and besides the widow he leaves an old mother and two sisters in Stockholm. The funeral was held January 20th from Edgar's chapel, with interment at the Oak Hill Cemetery.

*

Thomas Hagelthorn, a former and well known member of the Society, died in the Presbyterian Hospital on January 26th. He was born in Herrhult, Värmland, December 20, 1882; attended Norra Latinläroverket in Stockholm, and graduated from the Technical School in 1903. Came to the United States in 1905, and was engaged as draftsman and machine designer with various firms for five years, when he secured a position as construction engineer with the Aetna Explosive Co., where he stayed two years. For five years he held the position of chief draftsman and construction engineer with the New Jersey Zinc Co., Palmerston, Pa. He came to Chicago in 1918 as representative and district engineer for T. W. Price Engineering Co., in connection with installation of electrical furnaces. He continued in this business, selling Rennerfeldt furnaces, as representative of Hamilton & Hansell of New York, until 1921, when he first became first plant engineer and later development engineer with the Western Electric Co., specializing in furnaces and cable work. He held this position until 1926, when he left to join the engineering staff of the U. S. Gypsum Co., and later as mechanical engineer for A. S. Alschuler, prominent Chicago architect. For two years he was connected with Lucien I. Yeoman, Inc., as industrial engineer, and as his last job he was plant engineer for John Sexton & Co., wholesale grocers.

Thomas Hagelthorn joined the Swedish Engineers' Society when he came to Chicago in 1918 and became one of the more interested members of the organization. He served on the entertainment and convention committees in 1920, and later did some very active work on the membership committee for several years. On October 22, 1921, he gave a lecture on "Electric Furnaces", and in general made himself very useful for the welfare of the Society. He was very well liked among the members but met with some adverse condition and left the organization in 1926. He leaves a widow, Jennie, and four children, Gladys, Thomas Jr., Tage and Greta, besides a sister and a brother in New York, also an old mother, two sisters and two brothers in Sweden.

The funeral was held at the Graceland Cemetery chapel, Tuesday, January 28th, at which many of his friends, particularly from the Society, attended. To those who had the opportunity to associate with him at the time of his activities, he leaves a memory of a real good fellow.

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THE LADIES' AUXILIARY

The monthly meeting of the Ladies' Auxiliary was held on Monday afternoon, February 3rd. A very delicious luncheon was served which did justice to all expectations. The luncheon was followed by the customary business session. Our new Chairman, Mrs. E. J. Ericson, opened the meeting and displayed great enthusiasm and energy. She is eager in her efforts to accomplish things worth while, and, with the assistance from her "consulting engineers", as she chooses to call the members of the Auxiliary, she will achieve her aim.

The Pot-luck Dinner given on Wednesday evening, January 15th, was quite a successful affair. It may have lacked a little in variety in comparison to some of our previous Pot-luck Dinners, but the assortment of food was good and the quality the best. We served nearly a hundred people and the majority gave us the assurance of being well pleased. We realize that a mistake was made in not having arranged for dancing in the evening, but we usually profit by our mistakes, this time in the way of gaining experience, which taught us what our people want and expect. At our Pot-luck Dinners in the future we shall arrange to have music, so that those who wish to dance may do so to their heart's content. We want all to be satisfied and we want you all to come again.

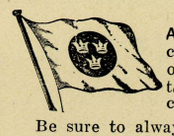
On Saturday evening, March 15th, we are giving a Card and Bunco Party. There will be a prize for each table, also door prizes. The music will be excellent. Those who do not care to play cards will have a chance to dance.

The Executive Committee will meet Thursday evening, February 6th, to decide on entertainments for the coming season. The Executive Committee, formerly called the House Committee, will work together with the House Committee of the S. E. S., and will meet with them to discuss matters pertaining to entertainments, at any time called upon to do so. The duties of the Executive Committee are exactly the same as the former House Committee. The reason for changing the name was to comply with our by-laws.

We .are sorry to know that Mrs Clarence Ongman is on the sick list. We extend hearty wishes for her speedy recovery.

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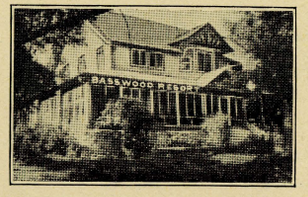
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