

### Services in the Churches Lodge and Club Meetings

And Notes of Interest

#### Time of Services and Meetings in the Various Churches

**Trinity Episcopal Church**  
Rev. P. C. Wolcott, D. D. Rector. Holy Communion, Sunday 7:30 a. m. Morning Prayer and Litany 11:40 a. m. Holy Communion, first Sunday in the month and Festivals at 11:00 a. m. Evening prayer 5:00 p. m. Sunday School 9:45 a. m.

**St. Mary's Church**  
Laurel avenue and McGovern street. Rev. J. D. O'Neill, pastor. Sunday services: First Mass, 6:30 a. m. Sunday School 11:45 a. m. Second Mass, 8:00 a. m. High Mass 10:30 a. m.

**Swedish Evangelical Lutheran**  
Highwood. Rev. C. E. Lundgren, pastor. Sunday services, preaching at 3:00 p. m. Sunday School at 2:00 p. m. Wednesday prayer meeting 8:00 p. m.

**First Church of Christ, Scientist**  
Hazel avenue near St. John's avenue. Regular service every Sunday morning at 10:45 o'clock. Sunday school immediately after the Sunday morning service. Regular Wednesday evening testimonial meeting at 8:00 o'clock.

The Reading Room, second floor, Erskine Bank Building, is open daily, except Sunday, from 9 to 12 a. m. and 1 to 5 p. m. All authorized Christian Science literature is on file for reference, and may be purchased if desired.

**St. Johns Evangelical Church**  
Corner Green Bay Road and Homewood Avenue. Rev. R. B. Fiedler, Pastor. Sunday morning, German preaching at 10:30 a. m. and English preaching at 7:30 p. m. on first and third Sunday of the month. Everybody is welcome to attend these services.

**Ebenezer Evangelical Church**  
Second Street near Laurel Avenue. Sunday School, 10:00 a. m.; morning worship, 11:00 a. m.; Christian Endeavor, 6:45 and evening service, 7:30 p. m.; German prayer meeting, Wednesday, 7:30 p. m.; Bible study Friday, 7:30 p. m. We cordially invite your attendance.

**Believers Meeting**  
Library Hall, Highland Park. Every Sunday 7:45 p. m. Gospel address. Every Thursday 8:00 p. m. Bible study. You are cordially invited.

**Evangelical Lutheran Church**  
Central Avenue, W. F. Suhr, pastor. Sunday service, German preaching at 10:30 a. m.; English preaching at 8 p. m.; 1st and 3rd Sundays; Sunday School, 9:15; German Saturday school, 9:00 to 12:00. Bible school in German for young people Tuesdays at 8 p. m. and in English Wednesdays at 8 p. m.

**First United Evangelical Church**  
Corner of Laurel Avenue and Green Bay Road. Rev. J. Foster, Van Evera, pastor. Sabbath morning worship, 10:45; evening service and K. L. C. E. from 6:45 to 7:45 p. m. during July August and September. The midweek prayer services Wednesday and Friday evenings at 7:45; choir meetings Thursday at 8 p. m.; Sunday school at 9:30 a. m. A cordial invitation extended to all.

**Swedish Lutheran Church**  
There will be Swedish Lutheran Church services every Sunday evening at seven forty-five o'clock in the Y. W. C. A. rooms on Central Avenue, Highland Park, Carl E. Lundgren, of Waukegan, Illinois, pastor.

**Baptist Church**  
East Laurel avenue, Henry Clay Miller, minister; Sunday morning worship, 11:00; Sunday evening people's service, 7:45. The Bible school, Mr. Charles H. Warren, Superintendent, assemblies at 8:45 o'clock. The Baptist Young People's Union, Mr. Leigh Bittinger, President, meets each Sunday evening at 7 o'clock. The mid-week service, is held in the parlors of the church each Wednesday evening at 7:45. The Ladies Guild, Mrs. F. B. Green, President, holds its regular sessions on the afternoon of the third Thursday of each month. The public is cordially invited to all the services of this church.

**North Avenue First M. E. Church**  
First M. E. Church, Rev. V. A. Spicker, Pastor. Sunday School, 10:00; Preaching, 11:00; Junior League, 2:30; Epworth League, 6:30; Prayer meeting, Wednesday, 7:30; Teacher Training, Saturday, 7:30.

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#### Meetings and Meeting Places of Clubs and Lodges

**North American Union**  
Highland Council 99, meets at Masonic Hall, third Wednesday in each month.

**Masonic Orders**  
A. O. Fay Lodge, No. 676, A. F. and A. M., meets first and third Thursdays in Masonic Hall.

**Odd Fellows**  
Sheridan Lodge, No. 662, I. O. O. F., meets every Tuesday night at 7:30 in Masonic Hall.

**Royal Arcanum**  
Highland Park Council No. 1066, Royal Arcanum, meets second and fourth Mondays in Masonic Hall. Visiting brothers always welcome.

**Mystic Workers**  
Meetings at Masonic Hall first and third Mondays.

**Modern Woodmen**  
Highland Camp, 1176, M. W. A., meets first and third Fridays at Masonic Hall.

**Schedule of Y. W. C. A. Meetings**  
Sunday, 4 to 6 p. m. Vesper Service and social hour. A short informal talk on vital subjects is given followed by a song service. Tea or coffee is served by the members.

**Business Men's Association**  
Meets first Tuesday in every month. Association Rooms Erskine Building. Charles M. Schneider, president; Albert Larson, secretary.

**Highland Park Young Men's Club**  
Club rooms, 12 West Central Avenue. Henry Staehling, president; Earl Gsell, secretary.

**Ossoli Club**  
Club rooms, Highland Park Club House. Meetings, fortnightly on Thursday at three o'clock. Mrs. W. J. Fyfe, president; Miss Elizabeth Towner, corresponding secretary.

**Highland Park Woman's Club**  
Club rooms, assembly hall, Library building. Meetings, fortnightly on Tuesday at three o'clock. Mrs. George H. Campbell, president; Mrs. John A. Putnam, corresponding secretary.

**Highland Park Club**  
Club house, East Central Avenue. R. C. Jacobsen, president; A. R. Carqueville, secretary.

**Catholic Order of Foresters**  
St. Johns Court Number 840, C. O. F., meets second and fourth Thursdays of each month in Masonic Hall.

**Highland Park Presbyterian Church**  
Corner of Laurel and Linden Avenues. Pastor, Rev. R. Calvin Dobson. Sunday morning worship, 11:00 o'clock. Bible school, with graded lessons for all departments and ages, Sunday mornings at 9:30 o'clock. Young People's meeting, Sunday afternoon at 4:30. Mid-Week Prayer Service, Wednesday evenings at 8:00 o'clock. The public is cordially invited to all of these services. The ladies of the Dorcas Society hold all-day meetings in the parlors of the church the second and fourth Mondays of the month, and the Woman's Missionary Union meets the third Wednesday afternoon of each month at 3:00 o'clock, to which all ladies are cordially invited.

**Highwood Catholic Church**  
Daily Mass, 7:15 a. m.; Sunday, Low Mass, 9 a. m.; Sunday School, 9:45 a. m. Rev. Simon Gates, pastor.

**Osculation Conjuration.**  
Sam Slick once said that kisses were like creation, made out of nothing and very good, and another American writer thus conjugated the verb 'to kiss': "Huss, to kiss; robbs, to kiss again; pluribus, to kiss without regard to numbers; syllabus, to kiss the hands instead of the lips; blunderbuss, to kiss the wrong person; prabus, to kiss in the dark; omnibus, to kiss every one in the room."

**Persiflage.**  
"Hello, Jones. I hear you were sick."  
"Yes, I was threatened with a fever, but the doctor succeeded in arresting it."  
"Ah! He arrested it for making threats, I suppose." Exchange

**Concentration.**  
The weakest living creature by concentrating his powers to a single object can accomplish something; the strongest by dispersing his over many may fail to accomplish anything—Carlyle.

**Enough For Her.**  
Her Father—What are the young man's business prospects?  
Daughter—I don't know that, pa. Ah! I know is that he means business—Boston Transcript.

**The Cure.**  
Guest—Yes, my wife has been ill, but she is out again now. Hostess—What doctor did you have?  
Guest—No doctor at all. I bought her a new hat.

**Had Heard of It.**  
"There's one thing I want to see while I am in Europe."  
"And that is?"  
"The Hunzarian gonorrhoea in session."

#### DEVICE MAKES DUMB TALK.

Remarkable invention of a Man Who Lost His Larynx.

The ancient proverb, "Necessity is the mother of invention," was never better exemplified than in the remarkable case of Tadeo Pereda, once a saddler in Almansa, near Carthagena.

Pereda awoke one day slightly hoarse, and his affliction became steadily worse until finally his breathing became seriously affected, and his wife accompanied him to Madrid to consult a specialist.

Dr. Tapia made a lengthy examination of the patient and communicated his impressions to the wife in a letter in this fashion: "Your husband has a cancer in the larynx. Without an operation he will surely die. If he is operated upon we can save his life, but he will remain dumb, because it will be necessary to remove the vocal chords." Surgical intervention was decided upon, and Dr. Tapia proceeded to remove the larynx, employing Ferri's method. Thus two operations were performed, one in October, 1910, and one in November.

The despair of the poor fellow on recognizing that he had been deprived of speech knew no bounds, and he began to display symptoms of dementia. Dr. Tapia then provided him with an apparatus invented by Gluck, the well known German laryngologist, with which it would be possible to articulate. The patient tried this for a long time and finally managed to speak a little, but always at the expense of great fatigue.

Pereda was not to be beaten, however, and he began to turn the matter over in his mind and eventually evolved a rude apparatus which he afterward managed to perfect. In this condition both patient and apparatus were presented to the Royal Academy of Medicine by Dr. Tapia, and to the surprise of all present the inventor actually sang some couplets from a well known Spanish opera.

Since then the apparatus has been further improved, and a few weeks ago before a distinguished assembly the patient himself read a long paper giving an account of his illness and subsequent cure.

The fundamental idea of the invention consists in introducing sound into the mouth by means of an india rubber tube which is in communication with the office in the neck through which breathing is effected. Once within the mouth the sound becomes modulated by the action of the tongue, teeth and lips thus forming intelligible expressions in the usual way.

#### ITALY'S WATER POWER.

Alpine Glaciers Furnish a Source of Light and Heat.

Enormous water power improvements carried out in Italy during the past few years have gone a long way toward making up for the lack of coal which handicaps the Italian peninsula as an industrial region. Of these the Adamello plant, completed within the past two years and supplying light and power to Milan and the province of Brescia, is considered one of the most ingenious designs of water power plants built within recent years.

In the case of this plant it may literally be said that ice does the work of fire, as the water supply generating the power springs from a glacier high in the Chusian Alps.

From the head of the glacier torrent known as the Adame the engineers have built a channel partly through and partly over a mile of steep mountain country. This channel or intake empties into Lago d'Arno, a deep little lake walled in by sheer cliffs. Out from this reservoir the water, after penetrating the mountain wall through a tunnel, falls about a thousand yards through a solidly built pipe line and comes out at the power house. A second drop and power plant are located further down.

#### Artificial Milk.

Synthetic milk is the latest product of the chemical laboratory. Several eminent scientists, including Sir William Crookes, examined and tasted cowless milk at a demonstration in London recently and pronounced it palatable. The fluid, which is the discovery of three German chemists, is made at Frankfurt on the Main. It is the same color as the animal liquid, and the inventors claim that it is more nourishing and more easily assimilated than the cow's product and nonbacterial. The method of manufacture is kept secret, but it is composed entirely of vegetable ingredients, digested by machinery instead of by the cow, and is said to keep sweet far longer than ordinary milk. Its strength, it is said, can be standardized for the family, infant or invalid.

**Repairing Leaks in Range Boilers.**  
After replacing two hot water boilers on the plumber's advice, because the leaks could not be repaired, we decided to find some means of stopping a pinhole leak in the third boiler. writes a correspondent of Popular Mechanics. We made a successful repair by driving a taper punch into the hole just far enough to admit the point end of a one-eighth inch pipe tap. After tapping the hole a one-eighth inch plug was turned in tightly after thoroughly covering the threads with white lead.

**Safety Tips on Chair Rockers.**  
Some rocking chairs are so constructed that when the person occupying it gives a hard tilt backward the chair tips over or dangerously near it. A rubber tipped screw turned into the under side of each rocker near the rear end will prevent the chair from tipping too far back.

#### A GREAT INVENTION.

How the Bessemer Process Revolutionized the Steel Industry.

The pessimistic inventor who holds that the hand of all the world is against him and that his ideas are so ahead of the times that they may not be appreciated until he is dead and gone, is still broad in the land, writes W. A. Du Puy in Scientific American. He believes that he has the facts from which to draw a conclusion that he who makes an invention that is revolutionary is to suffer many reverses and to wait long for his reward. There are many cases of record to substantiate this belief. There is, however, a question of their application to the inventor of today.

There is the case of Sir Henry Bessemer, for instance, and his difficulty in inducing the world to use his obvious and revolutionary methods of producing steel. So great was the effect of the Bessemer process upon the steel business that the production in England jumped from 50,000 tons a year to 4,000,000 tons immediately after its introduction; and so great was the effect of the cheaper methods of refinement upon price that steel declined from \$300 a ton to \$40 a ton. Yet the only way Bessemer could get his process used was to put up a factory, manufacture steel and undersell his competitors.

Bessemer went to the problem of improving the manner of making steel deliberately. He wanted a stronger metal for the barrels of big guns. He knew nothing of the business. He began at the bottom and learned the science of it. In the end he made a retreat with provision for forcing air in from below. He melted his iron and turned on the air. The whole immediately became a sparkling furnace that burned so hotly and so rapidly that it was impossible to reach the valve which would turn off the air. So hot was the fire that the very fastenings of the valve were nearly melted. The transforming process was, however, completed before the heat had demolished the plant. So was the discovery made.

Yet those people with whom Bessemer contracted for the use of his process failed utterly in getting results and abandoned it. He formed a company of his own, built a plant and began the production of steel. This he sold at a price that the producers under the old process could not meet and still made a fabulous profit. Thus he proved the value of his patents and, after many years, brought them into general use and from the royalties he received he waxed fabulously rich.

#### THE BRANDING OF SHEEP.

Method Advised That Prevents Injury to Wool or Skin.

M. Rollin has just described to the National Society of Agriculture of France an excellent method of marking sheep, reported in Les Annales.

The sheep can be branded with a hot iron only on the cheeks or forehead, which are bare of wool, or on the horns. Heavy wools and farmers and merchants make use of pitch or coal tar to mark the wool. But these substances become inseparable from the wool, or, rather, as Rollin remarks, "they melt and spread when the grease is being removed from the wool, blackening and soiling the fleece."

Traces of them are found in all after operations and even in the fleeces. Skin and wool dealers buy such fleeces at reduced rates. Hence it is desirable to find another method of marking. It has been proposed to use aniline colors, but this is even worse, since the colors do not merely soil the fleece, but actually dye it.

Other means are not lacking, notably that of tattooing the ear of the sheep. Also a small metallic plate can be fastened in the ear, as is done with African sheep to prove that they have been "clavelized"—i. e., inoculated with the special serum which combats their dangerous and contagious eruptive maldady, rot or scab.

The Syndical Chamber of Commerce and Industry advises the employment of a color composed of linseed oil, essence of turpentine and prussian blue or similar color. It recommends marking on nose, forehead or nape of neck.

#### Natural Gas in Kansas.

The quantity of natural gas produced in Kansas in 1911, according to the United States geological survey, was 38,700,000,000 cubic feet, valued at \$4,854,534.

The estimated consumption of gas at cement plants was 13,272,417,000 cubic feet, valued at \$729,911, an average price of 5.5 cents per thousand cubic feet. Zinc smelters used an estimated quantity of 13,181,505,000 cubic feet of gas, valued at \$543,591, an average price of 4.12 cents per thousand cubic feet, the price ranging from 1 to 7 1/2 cents. Brick and glass works used an estimated 3,594,287,000 cubic feet of gas, valued at \$191,140, an average of 5.3 cents per thousand cubic feet, the price ranging from 3 to 9 cents.

Although no new gas fields were reported for Kansas in 1911, considerable development work was accomplished in the old fields of the state, resulting in the discovery of some very good wells, a total of 291 productive gas wells having been completed during the year.

#### Locating Gasoline Leaks.

To locate a leak in the intake pipe or carburetor connections of a gas engine fill a common oil can with gasoline and, with the engine throttled down, squirt the gasoline on and around the different joints. When the faulty joint is reached the engine will speed up quite perceptibly, the acceleration depending on the size of the leak.

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