DULUTH HEIGHTS GOSSIP BRIEF AND SOCIAL NEWS

Ball Club Meets Another Defeat Last Sunday From Duluth Hummers.

Our Boys to Get a Return Game Soon—Will Play Superior Club Next.

The boys went down before a fast bunch known as the Duluth Hummers, the score being 6 to 4, although they were smaller in some respects, their age average is about the same.

The visiting team were as manly an aggregation as has played ball on the hill, and a return game will be played on the Height's ground in the near future, as the boys are roamers and have no regular grounds.

Next Sunday our boys will go to Superior again to play the Broadways, another game. A game with the Two Harbors is scheduled for two weeks from this coming Sunday.

Duluth Heights Briefs.

Murdock Campbell, brother of Mrs. William McEwen, 22 Orange street, left Thursday morning over the Duluth, South Shore and Atlantic railroad for points in eastern Canada.

Miss Margaret McLennan and brother Gilbert, from Portland, Ore., who formerly lived on the Heights were visitors on the hill Sunday afternoon.

Master Robert Metcalfe and his sister Genevieve, of Virginia, Minn., are visiting with their uncle, Mr. Robert Metcalfe, of Lemon street.

Master Harry Conklin is camping at Hayward, Wis., this week.

Mr. R. Landolt will resume his position as mail carrier on the Heights route.

The school board are repairing the Lowell school and will have it in readiness by the time school opens in September. A new heating system has also been installed.

William Marker, of Two Harbors, is visiting Mr. Dolson of Orange street.

Mr. and Mrs. Lange visited Mr. and Mrs. C. H. Merritt Sunday afternoon and evening.

Master Earl Stewart returned home from Two Harbors Saturday.

Mr. and Mrs. Fawcett, of New Zealand, are visiting his brother, Mr. Hugh Fawcett, of 126 West Palm street.

Mrs. H. Bartlett and niece, Bernice Metcalfe, of Virginia, Minn., visited her sister, Mrs. A. M. McEwen, and other relatives Monday and Tuesday of this week.

Camile Marion has been quite ill for a few days, being unable to work.

A goodly number of Duluth Heights' women and children attended the picnic given by the Guild of St. Luke's church Tuesday.

Mr. and Mrs. W. D. Tomlin returned Saturday from Isle Royale, where they spent a week's vacation.

Captain Francis returned home for a few days from Isle Royale, returning Saturday.

The social at the fire hall given by the ladies of the Highland Presbyterian church last Thursday evening was well attended. The ladies report that the financial end was very much better than was expected.

Miss Ethel Wood, of Hugo street, returned home Wednesday from the Dakotas, where she has been spending the summer.

Mr. J. H. Parker paid a visit to the Heights, his old home, Wednesday evening. He looks very much like a hay seed, but he didn't forget to do the right thing by all the youngsters, by treating them to candy, etc. Jim is looking fine and says he enjoyed his trip from eastern Canada.

Misses M. Robinson and Mary Hendry left Wednesday evening for Deer River, Minn.

Mrs. Freeman and Mrs. Edmunson, of Cloquet, are visiting Mr. and Mrs. John Jenkins.

Miss Paul Rose and son Floyd, of Frazee, Minn., are visiting Mr. and Mrs. John Jenkins and other relatives on the Heights this week.

Mr. William Beers, who has been playing left field for Duluth Heights Baseball club, slipped and hurt his leg. He may be laid up for some time with it. If he is unable to play ball for the remainder of the season the team will loose a strong man.

Mr. William McEwen, who has been ill with typhoid fever for some time, is improving.

Mr. N. F. Marion returned home from the range Wednesday evening.

Rev. Nelson Hall has left on a fishing trip for his summer's vacation. There will be no church Sunday.

The White City.

Patrons of the White City at O-atka Beach, the beautiful summer resort, who have not visited that resort since last year will find a new place of pleasure when they go there. The park has been almost entirely remodeled and while the attractions that were so popular last year have been retained so many novel inventions and amusements have been added that one cannot turn around without stumbling upon a new source of mirth. The new roller rink is drawing big crowds, especially on Sundays when La Brosse's band give a concert in the afternoon and evening. The Mystic River, with its quaint old mill is more popular than ever, while the Ell Wheel, The Gypsie village, and the good old-fashioned merry-go-round are doing an immense business. A special announcement will be made next Saturday and Sunday in the daily papers that will prove to be a sensation in the amusement line.

WASN'T SPECIFIC.

"You say he made his wealth by honest toil?"

"Every cent of it."

"I never knew him to do a day's work in his life."

"Well, I didn't say whose toil it was, did I?"

GOES AFTER PRISONER.

Deputy Sheriff Hughes left yesterday for Chippewa Falls to bring back to Superior Oscar Olson, who is wanted here on a charge of larceny. Olson is said to have purloined a $20 bill and an $8 watch from Nafton Johnson in this city two weeks ago. The prisoner will probably be arraigned in court here this morning.

HEALTH AND HARMONY BY RATIONAL METHODS

Human Physiology as Taught and Inculated in the Chiropractic School.

Fully Explained by Leading Member of the Profession in Duluth.

Continbution No. 2 of the Series.
THE NERVOUS SYSTEM.

The nervous system may be defined as a wonderfully constructed apparatus, designed to unite and cordinate the powers and functions of every organ and tissue of the body, and thus enable the individual to maintain a healthful and harmonious relationship to the external world.

Its Main Divisions.

This marvelous instrumentality is a two-fold combination. One is known as the cerebro-spinal system, and consists of (1) the brain and spinal cord; and (2) the cranial and spinal nerves. The other is known as the sympathetic system, and consists of (1) a chain of ganglia connected by longitudinal nerve filaments, extending on each side of the spinal column, from the base of the skull to the most rudimentary part of the vertebral column, a bone called the coccyx and (2) the collection of ganglia situated in the head, face, thorax, abdomen and pelvis, and to which are united a system of inter-communicating nerves, many of which are connected with the cerebro-spinal system.

Officers and Functions.

The whole is a very complex arrangement, and to be methodical I shall discuss each system separately; but, as possibly contributing to an easier understanding of so elaborate a subject, let me say in a general way, that the cerebro-spinal system is that which controls or produces all the motions and activities of the body and limbs that are subject to the will and commonly called voluntary action, and the sympathetic system is the motive power which gives enuergy, direction and activity to those bodily organs and functions that work independent of our will, and commonly known as involuntary action. There are stages in which the line of demarkation between the two functions is not very easy to locate, by reason of intercommunicating nerves, but the distinction is germane nevertheless.

The Spinal Nerves.

Referring to the cerebo spinal system, and more particularly to the spinal nerves, these are thirty-one in number on each side of the spinal cord. Each nerve emerges from the cord by two roots, called, respectively the ventral and the dorsal roots. The ventral roots are also called anterior and the dorsal roots posterior, names determined by the aspect of the cord from which they arise.

Near their emergence from the cord the dorsal or posterior roots presents an enlargement called a ganglion. This is a knot or bundle of nerve fibers embedded in a capsule of connective tissue. Beyond this ganglion the two roots unite, and become bound together to form a main trunk, which with its innumerable tributary branches connects the brain and spinal cord with all the remaining structures of the body.

Functional Classification.

A nerve is really a bundle or aggregation of an infinite number of fibers, each of which is histologically distinct and independent. The class of nerves that carry messages or transmit enrvous energy from the brain or spinal cord to all parts of the body are called efferent, motor, or centrifugal nerves; and those which serve for the transmission of messages to the brain and spinal cord and give rise to sensations are called afferent, sensory or centrpital nerves.

It has been ascertained by undoubted experiments that the ventral or anterior root of a nerve contains all the efferent or motor fibers, and that the dorsal or posterior root contains all the afferent or sensory fibers, and that these fibers do not loose their characteristic functions by the union of the roots into one bundle or main trunk.

Source of Energy.

The spinal cord is but a continuation or extension of the substance of the brain, and the motor fibers which conduct volitional impulses from the brain arise in the motor centers of the cerebrum. By a process of the motor tract called "decussation," and too intricate for discussion here, each half of the brain governs the muscular movement of the opposite side of the body, and through a similar process in the sensory tract, each half of the brain governs the sensibility of the opposite side of the body.

Distribution of Nerves.

The motor nerves or those of voluntary motion are distributed mainly to the muscles and enable us to govern them at will. We move our hands, feet head and body in accordance with the determinations of the will. The sensor or involuntary nerves are mostly upon the surface of the body, "situated as sentinels upon the outer walls to warn against the approach of all enemies to life and health." So minute are their ramifications that the point of the finest needle thrust through any part of the surface will not escape their detection. Nature is as infinite in her littleness as in her greatness. The miscroscope gives us some idea of the former the telescope of the latter.

Constituent of Nerves.

When a portion of a nerve is placed beneath a miscroscope it is found to be shut up in a smooth shining sheath. When this sheath is broken into the true nerve fibers are revealed, which consist of infinitesimal tubes made of a white substance, and the axis cylinder made of a gray substance. The gray substance is the essential part of the nerve, the actual wire in this telegraph system, all else are but like the wrapping of a telephone or telegraph cacle.

We don't know what electricity is, but we know how to harness it and use it. In like manner, we don't know what nervous energy or force is. We do know that it is transmitted from the brain and spinal cord to all the organs and structures of the body by means of these nerves, and is indispensable to health and every bodily activity.

Effects of Obstruction.

To enable these nerves to perform their functions of conducting nervous energy or impulse from the centers to the periphery, and from the periphory to the centers, they must retain a state of physical and chemic integrity; they must not from pressure, inhibition, obstruction or other cause, undergo any change in structure or chemic composition. If they do and their capacity or voltage-carrying power be inhibited, derangement and disease of the organ, muscle or tissue they were designed to supply will be the inevitable consequence.

Methods of Cure.

All such derangements and diseases readily yield to chiropractic methods of treatment, because our methods remove the cause or causes and kind nature, the most capable of all healers, expeditiously does the rest.

Consideration of the sympathetic nervous system will have to be postponed for my next article.

DR. A. GRAHAM,
Chiropractor,
500 Burrows Bldg, Duluth.
New phone 1736-Y.

LOCAL LABOR NOTES.

President Mahoney Here.

Acting President Mahoney of the Western Federation of Miners arrived in Duluth Wednesday, and has opened headquarters in the Manhattan building. He has engaged a stenographer and expects to be kept busy for several weeks. Mr. Mahoney is making a favorable impression with those who come in contact with him here. He is a man of calm manners, deliberate in his conversation, and exceedingly thoughtful in his utterances.

Gordon O'Neill Returns.

Gordon O'Neill, vice president of the I. L. M. & T. A., arrived home Wednesday, and immediately set to work to perfect the organization of ore dock workers at the head of the lakes. He reports a most successful convention of his organization at Detroit recently.

Unions Are Affliating.

Secretary Ernest Peters of the Trades Assembly reports that the iron molders will make application to affiliate with that body at its next meeting. Mr. Peters expects to have every union in the city with the assembly before his term of office expires.

Haywood Acquittal Pleases.

The verdict of the Haywood jury last Sunday morning of acquittal was received with pleasure and satisfaction by all of the members of organized labor. Few in Duluth believed that the jury would believe the story told by Orchard.

WOMEN AND FINES

From the New York Sun:

The agent from the fire insurance company came to investigate the claim for damages. He listened to the little woman's tale of how the fire commenced and how she put it out.

"Yes, yes, I know," he nodded appreciatively. "In this business we get to know what tremendous courage and presence of mind you women have. Nearly every fire in New York that does not attain great proportions is put out by a woman. There are little fires every day that never spread farther than one room of the flat because the woman at home face the danger promptly and put them out. In the poorer quarters where both the father and mother are at work it is very often a girl of 12 or 13 who smothers the flames and carries a few scars as the result through life. and in every instance it is because there are little brothers and sisters to be saved. In the last place I visited it was a girl of 12 who first carried two little ones safely to the hallway and then rush back to pull down the flaming curtains. By the time help came she had the fire almost extinguished.

ANTI-CLERICAL OUTBREAK.

SPEZIA, Italy, July 31.—A violent anti-Clerical demonstration occurred here tonight, the rioters breaking the door of a church and pillaging it. They piled the chairs and sacred vessels in the public square and set fire to the pile. The police were beaten back by the mob, and were obliged to call to their aid the troops who were forced to flee before order was restored. Ten persons were wounded.

LESSON FROM THE PAST.

President Lincoln laid down the newspaper he was reading and took a turn about the room.

"I reckon," he said, with his whimsical smile, "they call me 'Honest Abe' to distinguish me from the other Abes."

Even then, however, with his accustomed gentleness and consideration, he refrained from specifying whether it was the New York Abe or the San Francisco Abe he had in mind.

DIVIDED AMONG HEIRS.

CLEVELAND, O., July 31.—After years of litigation the estate of Alva Bradley, valued at about $5,000,000, was divided equally among each of ten heirs today. Alva Bradley, who was a wealthy vessel and real estate owner, died over 20 years ago and left his estate in trust for 20 years before it was to be divided.

JUST CALLERS.

From Puck:

"You don't have many visitors out here," said Citiman, "do you?"

"Oh, yes," replied Subbubs, "coming and going nearly every day."

"Mostly women, I suppose?"

"Yes; servant girls."

ORE DOCK STRIKE.

(Continued from page 1.)

of the matter, and assuring you of our personal regard, believe us,

"Very respectfully yours,
"W. J. OLCOTT, President."

Strikers Reply to Olcott's Letter.

Duluth, Minn., July 31, 1907.

Hon. M. B. Cullum, Mayor City of Duluth:

Dear Sir:—We beg leave to acknowledge the receipt of Mr. Olcott's letter to you, in answer to our offer to submit the matters at issue between the ore dock workers and the Duluth, Missabe & Northern railway to arbitration.

While the company did not see its way clear to accept our offer, we agreed, by unanimous vote, to accept the proposition of the company, with the verbal assurance given by you that the men at Two Harbors and Allouez would be treated in the same manner as the officials of the D., M. & N. railway agree to reinstate the men at the Duluth ore docks, and with the additional assurance that all would entertain committees from their employes to take up matters from time to time involving their welfare.

The men also insisted that the boarding cars and armed guards be removed from the docks. We presume there would be no objection to the presence of special police, who might be armed with the usual weapons of a police officer.

We desire to assure you that the men have the kindliest feelings towards the officials of the company, and we are pleased to note that they appreciate our behavior during the unpleasant controversy which is just meeting a most happy end. We desire to assure them, through you, that our attitude in the future shall be in accordance with every rule of propriety, which should mark the relations between employers and employes.

We have unanimously voted to report for work at 7 a. m. tomorrow, provided the conditions above referred to are acceptable to the companies involved.

Thanking you again for your untiring and patriotic efforts in behalf of our cause, and with reassurance of our kindly feelings towards our employers, we beg leave to remain,

Yours very truly,
ORE DOCK WORKERS' UNION OF DULUTH.
By (Signed) J. Thoresen, Wm. O. Perry, Theo. Lyons, Nelson Perry, J. W. Comer, Committee.

Lives and Property to Be Protected.

Duluth, Minn., July 31, 1907.

To Mr. W. J. Olcott, President D., M. & N. Railway Company, Duluth, Minn.

My Dear Sir:—As an outcome of the strike matters in the city of Duluth, the responsibility, not only of protecting the property of the company, but the lives of the individuals, devolves upon me, and I have to request that you maintain, at your own expense, a sufficient number of police guards, not only to protect the property of your company, but the lives of the men who have returned to work, having in mind the possible depredations of unreliable individuals, not responsible from this strike at all, but because of the possible influx of vicious characters, made desperate from one cause or another, that might commit some vicious act, not only endangering the lives of men that have returned to work, but make it appear that they have been responsible.

For this purpose, I will deputize a sufficient number of men to carry out the idea, at your expense, as stated above.

There is absolutely no occasion to fear any malicious purpose from those who have so willingly returned to work, but from outside influences.

Very truly yours,
(Signed) M. B. CULLUM,
Mayor.

President Olcott's Reply.

Duluth, Minn., July 31, 1907.

Hon. M. B. Cullum, Mayor City of Duluth:

Dear Sir:—In reply to the communication addressed to you from the dock workers' committee, and submitted for our consideration, we have to say that this is entirely satisfactory, and that we will comply with their request and remove all men other than your special police. As we are public carriers, we must take every precaution for the protection of life and property against the acts of irresponsible parties, and we will be advised by you as to the measure of such precautions and a reasonable compliance with the request of the men. We are absolutely satisfied that no act of violence would be even countenanced by our old employes, but the situation on the iron ranges is, as you know, very aggravated, and we would not be doing our duty, either to ourselves, our employes, or the public, if proper precautions were not taken.

Our feeling towards our employes is in no way affected by this recent difficulty, and we will take the same interest in their welfare in the future as we have in the past.

Sincerely yours,
W. J. OLCOTT,
President.

Mr. Union Man:—Notify your retail liquor dealer that the Bell 'Phone is Unfair.

HAND GRENADES OF 1812

Old Time Ordnance Found at Fort McHenry.

From the Baltimore American:

While examining the contents of the ordinance storehouse at Fort McHenry, Lient. J. L. Holcombe of the One Hundred and Twenty-eighth Coast Artillery discovered several boxes of old hand grenades which are supposed to be more than 100 years old.

The missiles are of the earliest make used by the United States government, and were probably placed at the historic old fort when it was first erected in 1812. Owing to the way in which they were packed the grenades had only the slightest trace of rust upon them.

The discovery of the weapons recalls a bit of the ancient history of the country. In explaining their use Lieut. Holcombe said that the grenades were handled only by the grenadiers of the ship, who, walking out upon the yardarms of the old fashioned fighting vessels threw them into the ranks of the enemy. An explosion followed which created havoc.

They weight about four pounds and are shaped after the fashion of the bombs used by Anarchists, and are iron and loaded with gunpowder.

Several days after the discovery one of the new recruits at the fort was found trying to dry the powder in one of the missiles by roasting it on the fire. A report was made to Lieut. Watson, in command of the post, who said that he intended to write to the authorities and ask permission to dump them in the middle of Chesapeake bay, as they were so old fashioned that they would be of practically no use whatever in modern warfare.

STILLWATER BOY DROWNED

Young Wilberg Falls Into St. Croix While Picking Berries on Bluff.

STILLWATER, Minn., July 31.—While picking berries today along the bluff of the St. Croix, just above the Atwood A sawmill, Leonard, an 8-year-old son of Martin Wilberg, fell off the dyke and was drowned in 20 feet of water. The body was recovered by George Ratican, one of the searching party, an hour later. The father works at night in the Mackey mill and lives on South Fourth avenue.

The county commissioners will meet tomorrow to award a contract for two new heating boilers for use in the court house.

CONFESSES KNOWLEDGE OF CLOW'S MURDER

BUTTE, Mont., July 31.—George Tower, under arrest here for complicity in the hold-up of the North Coast Limited on the Northern Pacific May 17, and the murderer of Engineer Clow, today confessed knowing of the crime. He lays the murder to a suspect held at Columbia, River, Ore.

WILL KEEP MAGAZINES COOL ON BRITISH WARSHIPS

LONDON, July 31.—As a result of explosions on warships of various navies of the world, attributed to the overheating of magazines, the British admiralty has decided to equip the magazines of all ships in the British navy with refrigerating machinery to keep down the temperature.