

HOW THE SUN CHANGES WITH THE SEASON'S SHIFT

The sun does not climb straight up in the sky but obliquely. What is more his rising point in the sky on two succeeding days. As spring merges into summer the rising point shifts to the north. After June 21, he shifts south, so that on each day he begins his climbing a little more to the south. By December 22 he has reached his southern limit and turns back again.

Since there is a defined region on the eastern horizon along which the sun's rising point shifts in regular order and beyond which it never strays, the daily paths of the sun through the sky in the year form an unswerving unchanging band of even width—the same band from year to year.

As you go north the sun's path slopes more and more. The band remains the same; it merely swerves up or down in the sky. Hence in the arctic regions the sun during the spring and summer months appears above the horizon, and stays there, traveling in a circle, and becomes the "Midnight Sun."

AMERICAN CRAFT ON SEAS

How the War Has Put Back the Stars and Stripes on the Waters of the World.

For the first time since the days of the famous clipper ships American merchant craft are now plying the seven seas. The shipping board announced that the American merchant marine fleet, built up under the spur of war's necessity, now represented nearly one-fifth of the entire sea-going tonnage of the world, and comprised 40 per cent of all ships clearing from United States ports, as compared with 17 per cent before the great war.

Trade routes not traversed by American craft for more than fifty years once more are invaded with new routes established to China, Australia, New Zealand, India, the Dutch East Indies, the west coast of Africa and ports on the Mediterranean. Ships flying the Stars and Stripes also are running regularly to South America, Great Britain and continental Europe, as well as to Canada and Mexico.

The fleet now engaged in overseas commerce consists of 351 freighters, 84 freight and passenger vessels, 71 oil tankers, 230 sailing vessels and 15 miscellaneous ships, aggregating 1,901,230 gross tons. Of this 313,925 tons are in Transatlantic trade, 492,721 tons in South American trade, 731,252 tons in Caribbean and Mexican trade, and 70,014 tons in Alaska and Canadian trade.

When the army and navy return to the shipping board 333 ships which they are operating the commercial fleet under the American flag will be increased by 1,873,251 gross tons, making the total 3,834,750 gross tons, with many hundreds of thousands of tons building or under contract.

How Dog Saved Master's Life. Dragged by his collar dog for 17 miles through a snow-covered region on the desert and mountains, Clint Crawford, a cattle puncher, known among his associates as "Doc," is still alive. Thrown by his horse Crawford's shoulder was shattered. He was delirious and remembers only intervals of the struggle against death as he staggered along through the snow. Being exhausted, he would have frozen to death in a few hours but was aroused by his dog. Time after time Crawford sank down in his delirium and was giving up the fight. Each time the collar rescued him with scratches from his paws and by biting him, and then led the way across the unmarked snow toward help. After several hours the dog took Crawford to the place where he was found.

Why Onions May Be Fewer. One of those who has seen the effect of a famine on the onion crop in the steamship industry. It was that the onion crop of 1917 was the best in years, but it was not until February 15. The onion crop was said to have suffered some but the lilies were not. Lilies were brought here from Bermuda last year because there was no ship to carry them, the war having taken the vessels. Watch for a rise in onions and an ascension in lilies.—New York World.

How Bird Fired Own Nest. A sparrow, though not supposed to be a "snipe shooter," picked up a burning cigarette stub thrown down by a man and flew away with it to its nest in the eaves of a lath house, Ohio, shoe store. The owner of the store, C. J. Roosting, saw smoke curl up from the nest a few minutes later. He reached up and pulled down a burning nest just as the flames were about to ignite the building.

Why Nerve Is a Requisite. War balloon observers are instructed to be parachute jumpers, for if their balloons are attacked they can not defend themselves, but must seek safety by jumping to the earth, carrying their maps and photographs and other data with them. Usually they land safely, and it takes nerve of the finest quality to do the work of a member of the balloon corps.

WHY

One's Walk Gives Indication of Character

No two people walk alike and by their gait persons as they move about are a fair estimate of their character and nature.

The man who walks easily and naturally is the successful man but the easy but careless walker is easy going, but not, and cares nothing for public opinion or appearances.

People who walk easily but ungracefully are efficient, and possess strength of character but are lacking in polish. A springing step denotes an alert mind and a dragging step the opposite temperament.

A halting walk shows a retiring nature. It is the walk of the self-satisfied, artificial person who rarely accomplishes anything. A short quick step, however, denotes businesslike qualities, and an active mind which looks originality while a long, quick step means a big head and an ability to "make good." A long slow step, on the other hand, shows a certain slow method.

A rolling gait denotes the uncertain mind of the person ruled by circumstantial, while those who walk stiffly and ungracefully are firm to obstinacy.

FORCED TO BECOME MEXICAN

How Freak of the Rio Grande Caused Texan Farmer to Move into Carranza's Land.

One of the most remarkable cases of kidnapping ever known in the lower border region of Texas has come to the attention of the United States and Mexican authorities.

Jose Cantu, a peaceful land owner and valley farmer, who has lived all his life in Texas, was bodily transferred to Mexico by a recent rise in the Rio Grande. Along with him went 400 acres of his most productive land and many head of live stock.

Under past decisions of the international boundary commission the center of the bed of the Rio Grande is the dividing line between the United States and Mexico. This shifting of the course of the erratic river places Mr. Cantu and much of his property on the Mexican side of the stream and, according to the Mexican authorities, he is now amenable to the laws and taxes of that country. Upon Mr. Cantu's transplanted farm are a number of homes of employees who were also American voters until the river changed its course.

For several years the Rio Grande had been threatening to divert its bed to a new route. With each succeeding flood it cut a deeper channel until it has now practically abandoned its old bed and is flowing through the farm of Mr. Cantu, with more than 400 acres of his cultivated land on the Mexican side.

To further complicate matters the Mexican customs authorities are insisting that Mr. Cantu shall pay duty on his live stock and other property that have found their way to that country by no consent of his.

A P. Corbin, consulting engineer of the international boundary commission, has found that the stream changed its bed at other places but without involving the transfer of much real estate from one country to the other.—Hidalgo (Tex.) Correspondence in New York Sun.

How "Flu" Destroys Game.

Governor Riggs of Alaska says that all the Eskimos round Nome City are dead of the "flu." Why? And is it to be true that even the wild game is to suffer? A dispatch of January 6, from Big River, Saskatchewan, says: "Hunters returning from the wild regions in northern Saskatchewan report that influenza is decimating big game and that for some time smaller animals in the district have shown marked symptoms of the disease. Investigation has disclosed diseased game among the herds that has not yet been quickly and properly disposed of. After staying in the region around Polaris Pass and White Lake, in the big game country, Inspector Naylor of Big River reported that he has seen among the animals several that he supposed were dead."

How Music Affects Cows.

The music of the orchestra has become a regular milk-making feature in the dairy farm on a large stock farm in Ohio. Commercial, rather than artistic, reasons have prompted the introduction of this feature, it having been found after repeated tests that the yield of the cows is greater when milked to the tune of some soft, melodious selection. On several occasions an orchestra has played for the cows with the same result, namely, an increase over the previous normal yield of milk.

How Scrap Iron Is Recovered.

Magnetic separators are now being used for the recovery of scrap iron from many kinds of waste material and rubbish. By the aid of such apparatus a great deal of refuse commonly discarded in the neighborhood of steel and iron works can be made to yield a considerable amount of iron—as much as 50 per cent, being obtained from refuse from steel works in some cases. Cupola furnace slag is said to give 5 to 15 per cent, and ordinary workshop rubbish from 2 to 10 per cent.

Why Nickname Is Disliked.

Nonflyers among the officers of the air service are called kiwis. The kiwi is an Australian bird whose wings are so rudimentary that it cannot fly. The nickname is not loved by those who bear it.

ST. MONICA.

The funeral of Motorcycle Policeman William A. O'Brien, of the University avenue precinct, station, who was killed last Friday in the discharge of his duty, took place Tuesday morning from the home, No. 17 Barton street, and later in this Church, where a solemn requiem mass was celebrated, with Rev. John P. Brophy officiating, Rev. Francis T. Moffet acted as deacon and Rev. Raymond Quigley as subdeacon. Rev. J. Ernest Brophy was master of ceremonies.

City officials and friends of the dead man, policemen from every precinct of the city and members of the Rochester Fire Department, crowded the church. A delegation from the Police Department was headed by Chief Joseph M. Quigley and Deputy Chief Michael Zimmerman.

The policeman bearers were Harold J. Burns, Leo F. Renaud, Frank X. Huhn, Michael J. Devaney, Frank W. Matterson and Robert H. Strong. Captain Slinker, headed the following corps of honorary bearers from the Fire Department: Joe Culligan, John McPartlin, Thomas Coates, Emmett Connaughton and Frank Sweeney.

Several football players from the Jefferson team had a place in the funeral procession. Floral offerings were in profusion and included a piece from members of the University avenue station and another from the Jefferson football team. Other floral pieces covered the casket.

The body was taken to Holy Sepulchre cemetery and the interment rites were conducted by Rev. John Baier.

St. Francis Xavier.

The masses on Sunday will be at 7.8, 9:15 and 10:30 o'clock.

The requiem masses this week were for Nellie Reiter, Eugene Schwartz and Mathias Simons.

Sunday is communion day for the Children of Mary, Young Ladies' Sodality and the school girls.

May devotions will take place on Tuesday and Friday evenings at 7:45 o'clock. On the remaining days of the week May devotions will be held after the 8 o'clock mass.

St. Boniface Club News.

The bowling season closed with "Chink" Zimmer's Majors in first place. Most of the other teams looked like minors next to "Chinks" Majors. Old reliable, John Hart led the pinpickers in individual averages, proving to be the steadiest throughout the season. Wendell Mader was second and also had high game.

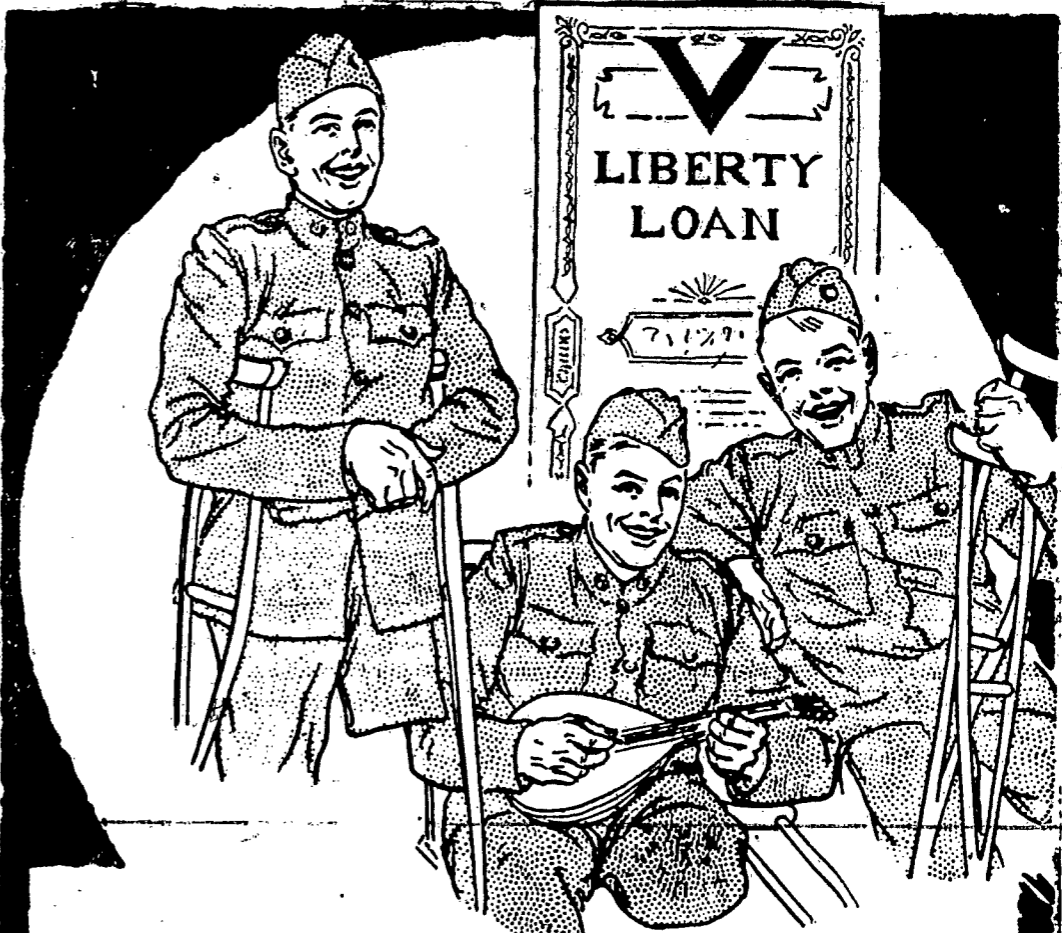
A two-man tournament was completed last week. Joe Frank, the antique athlete of the middle ages won first prize. Much credit is due to his partner Irving Simmons, the rapid calculator, who always has the pins and bowlers figured correctly.

The single tourney is going on this week and up to the present time, President Frank is leading. It is proper of course that the president should be a leader but Joe claims this is his first lucky year in tourney matches. O. W. Amaker, the popular war-chest chairman is in second place, having rolled some attractive scores.

A social and pedro party will be held next Tuesday evening, May 13th. The public is invited. Our billiard shark, Frank Schenk, has arranged another billiard tourney for next week. Our manager of sports wishes to announce that he has gloves, clubs and many other relics which were once used by a popular ball player of our club, which he would gladly dispose of to any ball team.

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Knights of Columbus Club News For Month of May.

The Fourth Degree Assembly will tender a reception to Archbishop Edward J. Hanna of San Francisco, on Thursday, May 15, in the K. of C. rooms.

Memorial services for the deceased members will be held at the Cathedral on Memorial Day, Friday, May 30th, at 8 a. m. Rt. Rev. Bishop Hickey will be celebrant of the mass.

Rochester Council are making arrangements to take part in a parade Monday evening, May 26, in Geneva, at the opening of the State Convention of the Knights of Columbus.

Two informal dances are announced for May, to be held in their rooms, the first Friday, the 9th and the other Friday, 23rd. Columbus Club will have a series of dances at the Windsor Hotel during the summer. The proceeds will be used to furnish the new clubhouse.

WEEKLY CHURCH CALENDAR

- Third Sunday after Easter Gospel, St. John xvi.16-22: Joy after sorrow. S. 11, St. Francis Jerome, C. M. 12, SS. Nereus and Comp., M.M. T. 13, St. Sevatus, B. W. 14, Conversion of St. Augustine. Th. 15, St. John Baptist de la Salle, C. F. 16, St. Ubaldus, B. C. S. 17, St. Paschal Baylon, C.

Investing is Economy.

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A Notable Proposal.

The musician knelt at the feet of his adored one. "Adelaide," he said, "if you will marry me I will live in harmony forever. Life will be one long hymn of love, for always I will play second fiddle to you and will mark time gladly at your command. Will you?" The girl smiled. "Your selection is a bit out of date," she gently scolded him. "I realize that you are in earnest, but you don't strike the proper note. The man I will wed must buy me Victory Notes."

Turn About Is Fair Play.

It is true that many loans, money as well as cups of sugar, are forgotten or unpaid. Our Uncle Samuel, however, gives us a bond for our little loan—"Lest We Forget" he even pays interest on it to make it interesting. We used to borrow from our Uncle, now our Uncle is borrowing from us.—Bolton Hall in "Thrill."

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