

HOW

SCIENCE HAS COME TO AID OF FOGBOUND VESSELS.—On December 12, 1924, occurred the most extensive fog within living memory. Over northwestern Europe it spread a huge clammy blanket for half a million square miles.

In the winter of 1879-80 fogs were unusually prevalent. For three months, with few intermissions, London was enveloped in a dark, choking pall.

More recently, during the Christmas of 1904, a disastrous fog mantled Britain for five days. All the transport services were disorganized. Apart from the increased mortality, the loss to the country was computed at \$50,000,000.

At sea fog is among the most dreaded perils. All sense of direction goes when it descends upon the vast trackless expanse of water. In olden days ships went forward blindfolded.

But science has come to the aid of the navigator, although "slow down" and blaring foghorns still play leading parts in the "safety first" campaign at sea. Submarine bells, wireless, and electricity are now used in the liner's fight against fog.

One of the new wireless light-houses, an odd-looking structure of steel lattice-work, has been erected on Inchkeith, in the Firth of Forth. Fitted with special apparatus, a ship overtaken by fog, but in touch with wireless lighthouses, can have her exact position ascertained.

How Native Eskimos**Get Fire by Friction**

In their native state the Eskimos use the same method of making a fire as was used by most of the Indian tribes. This is by wood friction and the method was general throughout the American continents at the time of Columbus' first voyage. By rubbing two sticks together sufficient heat can be produced to set fire to inflammable material such as dry grass. The most improved method was to twirl a dry stick in a hole in another piece of dry wood. The other way of making a fire among the natives of North and South America was by rubbing flints and pyrites together. This method was limited to a few tribes in Canada and Patagonia. Most of the Eskimos of today are supplied with matches through their trade with civilized nations.—Pathfinder Magazine.

How Hunters Signal

A sportsman and big-game hunter, J. Allen Barrett, of Lykens, Pa., has just copyrighted a unique idea for a national code of distress signals for persons who may be lost, injured or in need of assistance while traveling or hunting in sparsely settled regions.

Revolver shots should be used for the signals, but the victim should shout, call or whistle them. The chief requisite would be to have the code widely understood. The code follows: To signify "lost," two shots quick; wait; one shot. "Injured," three shots quick; wait; one shot. "Sick," four shots quick; wait; one shot. "Help," two shots quick; wait; two shots. Rescuers answer, using the same number of shots, but in reverse order. One shot; wait; two shots quick.

How Language Is Made

Glancing over a list of some of the old-time inns and hostleries, one is compelled to wonder how such peculiar combinations originated. At these times any title but the simplest was quickly assimilated to the vernacular often with amusing results. Thus "The Bacchanals" became the Bag o' Nails, the "Bellerophon" the Bully Ruffian, and the "Capture of Bologne Mouth," or harbor, the Bull and Mouth; while the text, "God Encompasseth Us," displayed over private doorways, readily lent itself to signboard embellishment as the goat and compasses. The list could be stretched out almost indefinitely.

How Coal Was Formed

Coal is one of the most important economic minerals, and is of vegetable origin. When vegetable matter accumulates under water it undergoes a slow process of decomposition, gradually giving off its nitrogen, hydrogen, oxygen and some carbon, the result of which if carried far enough is the formation of a mass of carbon. The general theory regarding the formation of coal is that it results from the decomposition under tremendous pressure at a high temperature of vegetation in swamps. The first stage is peat; second, lignite; third, bituminous coal; fourth, anthracite, and the final stage is graphite.

How Sound Travels

Sound is a series of waves in the air, and the shorter the distance between these waves the higher the

pitch. The bell, vibrating at a constant rate, sends out a constant number of waves per second, which travel toward the observer with constant velocity, relative to the air. But if the bell is approaching the observer the waves are closer together, hence the pitch is higher.

How to Cut a Cork

The best way to cut a cork is to damp it slightly and then use a sharp knife. If the cork is not damped there is a danger that it may slip and the fingers be cut.

Mr. and Mrs. K. W. Beebe and Mr. and Mrs. C. W. Hopper and daughter motored to Crater Lake today.

Mr. and Mrs. M. M. Kindle left for Eugene late this morning to attend the Trail to Rail celebration.

House for Sale—New 4-room house, strictly modern, close in, corner lot, at a bargain. Inquire at this office.

Mr. Richard and Miss Evelyn Cameron of Gold Hill were visiting friends in this city yesterday.

Paul McKinnis and Geo. McDonough, two good boosters of the Sam's valley vicinity, were in town Monday looking after business matters.

Martin Zanon, John Brenner and P. D. Lofland were business visitors at this office this week to have honey labels printed.

WILL EXCHANGE—A small tract of land, with live paying business close to good market; will exchange for small acreage near Central Point. For particulars see W. G. Trill.

J. B. Stevens was a Tuesday caller to renew the American. J. B. has been very busy this summer taking care of his truck farm near Central Point beside helping the neighbors through the haying season.

FOR RENT OR SALE—Modern 4-room dwelling, garage and woodshed, unfurnished, will sell at a bargain, or rent for the winter. See W. G. Trill.

Mr. Crane, local resident, representing the circulation department of the Oregon Journal, is in Klamath Falls this week-end to meet the first official train to come over the Natron cut-off Saturday from Eugene, where the Trail to Rail celebration starts today.

Residence for Sale—4-room bungalow with sleeping porch, wood shed, garage, lights and water. Terms to suit purchaser. Inquire at this office.

Included among the local residents enjoying the evening of dancing at the Oriental Gardens last night are, M. O. Gleason, Roy Weaver, Earl Weaver, Wilda Richmond, Mrs. Dorothy Wilcox, Mrs. D. M. Hoagland, and Mrs. Guy Eddie. The Oriental Gardens under new management this summer, has continued to make a hit with the public and is still featuring Tillotson's musicians from Portland.

Mrs. Etta Lunt, Mr. and Mrs. R. T. Myers and Miss Welch of Corvallis, Oregon, were visiting at the J. E. Weaver home in this city Tuesday. They will also visit Diamond Lake, Crater Lake, Klamath Falls country and other points in southern Oregon before returning home. Mrs. Lunt and the Weavers are old friends having lived at Talent at the same time.

TOLO ITEMS

Mr. and Mrs. Wm. Howard of Medford, Mr. and Mrs. Pete Fick and son Lawrence of Jacksonville, spent Sunday with Mr. and Mrs. H. F. Whetstone.

We are sorry to report Mrs. Hanson has been on the sick list for the past week.

Last Thursday the club was entertained at the Helman park at Ashland by the Valley View club, after about an hour of sport in the bath house all returned to the park and were served with ice cream, cake and coffee. All report having a most delightful afternoon.

Mr. and Mrs. Harold Waltermeyer spent Wednesday at Klamath Falls.

Brick Ice Cream at Damon Cafe.

Mr. and Mrs. Victor Bursell motored to Diamond Lake Tuesday.

Follow the crowd to the Old Time Dance, Central Point, Friday Nite. Visit the "Country Store."

State Fire District Warden P. B. Lowd was among the business visitors in the city Tuesday.

The American does all kinds of printing. If it can be printed—we can do it.

Mrs. Frank Denton and Delbert, formerly of this city, now of Fort Klamath, were here this week.

For Sale or Will Trade for Central Point property, residence in Ashland, furnished, two lots. Write 163 Auburn St., Ashland.

Miss Kathleen Smith, Junior in Reed College and resident of Portland, is visiting in the valley.

FOR QUICK SALE—Eight room house in Central Point, close in, two lots, good repair, garage, wood shed. Priced low to sell at once. Inquire at the American office.

Ernest Rhoades, wife and children arrived here by auto Sunday from Los Angeles, California, for a short visit at the Jack Southwell home. Mr. Rhoades and Jack served on the vessel "Charleston" for four years during the Spanish-American war. He is now fire chief in Los Angeles and is on his annual vacation.

The family will visit Crater and Diamond Lake, Oregon Caves, and other points in southern Oregon before returning home.

Piano for Sale Near Central Point
Beautiful high grade piano to be sold at once. Big saving and terms \$10 monthly. If interested in particulars write Cline Piano Co., 66 Front St., Portland, Ore.

House for Sale
Close in, large lot, \$200 cash; \$300 terms, if taken at once. Inquire at this office.

Miss Lorna Hamrick has gone for a week's visit with her sister Erna, who is taking a Nurse's Training Course in the Good Samaritan hospital in Portland. Miss Lorna is 4th grade teacher in a school at Fellows, California, and will return to that point later in the fall.

FOR SALE—Four lots, close in, sewer and taxes all paid, lumber sufficient to build small dwelling, will sell at the regular price of the lots. See W. G. Trill for further information.

RETURNS FROM NORTHERN VISIT

Mrs. L. Hatfield returned Sunday from a visit in Seattle with her son Clifford and wife. She also visited friends in Victoria and Portland.

The pleasure trip was combined with business. She attended "Buyers Week" in Seattle; at the luncheon hour each day, style shows exhibited the latest models in dresses, coats and hats.

The Baxley Frocks, which Mrs. Hatfield features, proved to be the most popular.

The wholesale houses were visited and a fine line of new merchandise was selected.

HOMER MYERS HURT

Homer Myers, 7-year old son of Jake Myers, while playing in the barn at his home Monday, fell and broke his leg near the hip. The little fellow is getting along as well as could be expected.

UNION CHURCH

Title of Sunday School lesson, "The Helpless Sinner," John 5.

In the morning service the pastor will preach on the same theme announced last week. "Growing in Grace." Last Sunday the thought of the "planting" was considered. After the planting comes the growth. Hear this sermon. In the evening service the subject will be a continuance of the story of Gideon. This wonderful character of the old days was able to do great things because the needs were great, and God was with him. Can we have help now? Hear the discussion of the subject.

J. M. JOHNSON, Minister.

WINS FROM GRANTS PASS

Three members of the Central Point horseshoe club, James Watkins, Charlie Snarley, and Mr. McDonald, took the valley horseshoe tossing title from Grants Pass, when they defeated the crack team of that city there Sunday afternoon.

The local tossers are practicing steadily, and the clang of horseshoes behind the postoffice can be heard up to 10 p. m. almost every night. The club has one of the finest pitching courts in the valley being equipped with electric lights.

They are getting games every Sunday, in preparation for the tournament at the Jackson County Fair, at which they will be contenders.

"Tex for Pro-TEX-ion" for all kinds of Insurance.

Geo. Wright and wife visited relatives in the Applegate Tuesday.

Charles E. Grey, a peach grower of the Gold Hill district, was in the city today.

Mrs. P. E. Sandoz of Trail, was doing shopping with our merchants last Thursday.

Louis Gay of Seattle, is spending a few days with his father, J. H. Gay.

Mr. and Mrs. E. L. Farza visited relatives on the Applegate last Sunday.

Donald Faber, Rafael Benson, Miss Eula Benson and Miss Grace Flemming of Grants Pass left Tuesday for Diamond Lake where they will stay until Friday.

James Watkins has accepted a position "pitching" pears in the Clark orchards, east of town. Jim sent word to his friends that he is open for games of horseshoe during the noon hour.

Mr. and Mrs. Kenneth Beebe are enjoying a visit from Mr. and Mrs. C. W. Hopper and daughter from Kennett, California.

W. E. Alexander, while attempting to repair a spray rig at the rear of the Freeman-Wiley store, was unfortunate in cutting the first joint of the small finger of the left hand completely off and mangling the finger next to the small one. Medical aid was summoned and being naturally ambitious, Mr. Alexander has not lost any time from his work. His friends are glad the accident was no worse.

"Tex for Pro-TEX-ion" for all kinds of Insurance.

Miss Gwendolyn Houston of Trail was shopping in our city Friday.

Word from Grandma Stidham announces her safe arrival at Soda Creek, Canada.

Mrs. J. L. Burger, who was ill the first of the week, is reported as much improved.

Mr. and Mrs. Morton attended the wedding of a niece in Ashland on Tuesday of this week.

Mrs. G. W. Myers was called to Klamath Falls the last of last week, due to the illness of a daughter, who is now improved.

Mervin (Sonny) Gleason, a noted racing driver who won recognition in the spring races at the Jackson county fair speedway was a Medford visitor Saturday.

Mr. and Mrs. Vestal, who have been for the past year in Porterville, California, have arrived here for a few weeks' stay in Southern Oregon.

Following a vacation spent at the Crater Lake National Park where her husband is ranger, Mrs. Ray Henderson returned to Central Point Tuesday.

R. H. Paxson is home from several days' visit at the Grieves Hotel in Prospect. Mr. Paxson is feeling rested and he speaks well of his treatment there in the way of good air, good rooms, good eats, etc.

Little Paul Morton left Sunday night for Portland where he will be in a hospital for a short time and will receive treatment for the palate. As Paul has made the trip several times he went unaccompanied, and he, as well as his friends, is anxious that he shall receive permanent benefit.

J. O. and Mrs. Isaacson returned Sunday from an auto trip into Canada. They visited Victoria and Vancouver, B. C., as well as many other places of interest. While in Portland they met Mr. and Mrs. L. F. Pickett, who are visiting a son.

Mr. and Mrs. F. E. Jones in company with Mr. and Mrs. Root, drove to Medford Wednesday evening to attend a lecture given by a missionary who was in Japan at the time of the great earthquake. Mr. Jones reports the talk as highly interesting and instructive.

Sportsmen Attention!

Deer Season opens September 10th. We have Hunter's Supplies--Guns both second hand and new--

Ammunition
Pack Sacks
Knives
Gun Sights
Flashlights
Coleman Lanterns, etc.

John Ross is adjusting and targeting rifles this week and next. Bring Old "Bacon Saver" in and have her fixed up.

ROSS and ROSS

"Hunt and Feel Fit"