

Regular Troops From Vancouver Barracks Preparing to Embark for San Francisco.—Photo by Journal Staff Photographer.

# CAUSES OF EARTHQUAKES ARE TOLD BY PROF. SHERWOOD

### Cooling of Earth's Crust One of the Chief Occasions of Disturbances.

### WATER FORCED INTO SUBTERRANEAN DEPTHS

### Many Theories as to the Reasons for Such Catastrophes as That at San Francisco—Whether Vesuvius Is Responsible Is a Question.

By H. M. Sherwood, Principal Fulton Park School.

Earthquakes are not all produced by one cause, but are the result of various natural conditions, taken either separately or together. Some of the more recent investigations have led to the supposition that some are caused by hydraulic pressure, resulting from columns of water extending into fissures in the earth's crust to profound depths. Physical tests tend to give argument to this supposition.

Another theory which appears to have some foundation in the upsetting of the earth's equilibrium as the result of the great tension upon the crust caused by the accumulation of millions of tons of sediment deposited at the mouths of the great rivers during a period of ages, representing an enormous weight transferred from other points and accumulated in one place.

A common cause of earthquakes is the cooling and consequent contraction of the earth's crust, producing thereby a tremendous grinding of the strata upon strata of the earth's structure. Geological formation in certain localities are full of faults and slinkens indicative of convulsion and disturbances in past ages. In places the strata has fallen more than 1,000 feet, and is that much out of line, so to speak.

### Only Slight Displacement.

Disturbances of so extensive a nature took place before the advent of history, but it takes but slight displacement of the rocks, when multiplied by the great mass of the earth's structure, to produce the destructive results at San Francisco and along the coast. We have evidence that a cooling and contraction of the crust is still going on in the fact that the coast of Norway and Sweden is gradually rising above the sea level, and the coasts of New Jersey and Greenland are slowly sinking, almost imperceptibly, but nevertheless sinking.

Earthquakes are also produced by the pressure and escape of highly heated gases and vapors in subterranean cavities and fissures, and for this reason earthquakes frequently occur along the ocean shores, which, like some of the mountain ranges, mark the trends of greatest fracture and consequent weakness of the crust, and where the water from the ocean is most liable to seep through fissures to highly heated regions beneath.

### May Occur Anywhere.

Seismic convulsions sometimes take place in regions remote from volcanic activity, but more generally take place, and with greatest severity, in the regions of volcanic activity.

## Your Children

Whose Thin, Peaked Faces Show Lack of Vital Strength, May Be Built Up By Proper Feeding with

# Ozumulsion

The Cod Liver Oil Emulsion "Par Excellence."

What Mother, Father or child-lover but feels a tightening of the heart strings at sight of some of the poor, thin, peaked young ones to be found in the families of many of our friends. The race of life is to the Strong. The Weaklings have little chance. And yet, every weak child, if properly cared for, and its body nourished with Building, Vitalizing Food like Ozumulsion, can be helped to grow up into a Strong, Successful, Happy, Useful member of society.

Ozumulsion is a Life-food. It is a scientific preparation of selected Cod Liver Oil, containing the germicidal liquid Purin, Gaiacol; the soothing, healing emulsion of Glycerine, and the tonic "salts of life," the Hypophosphites of Lime and Soda.

Physicians not only prescribe Ozumulsion, but use it in their own families to build up their own and their children's strength.

For sale by druggists.

**OZUMULSION LABORATORIES**  
215 Pine St., New York.

### One Man Carries His Bed With Him and Another Wears Three Derby Hats.

### NEGROES THINK IT IS THE DAY OF JUDGMENT

### Hysterical Darkies Shout "Prepare to Meet Your God, the Hour of Judgment Is at Hand"—Story of Witness.

(Special Dispatch to The Journal.)  
Los Angeles, April 21.—One of the most accurate and complete accounts of the earthquake given by an eye-witness is that of Dr. George H. Kress, one of the editors of the Southern California Practitioner, who went to San Francisco to officially report the proceedings of the State Medical society Tuesday morning, the day before the earthquake occurred. Dr. Kress returned home today and gave the following account of what he saw and heard:

### Story of Disaster.

Together with Dr. Frank Bullard and wife of Los Angeles and Dr. J. C. King and wife of Banning, I stopped at the Hotel Walton, on Ellis street. I was awakened at dawn Wednesday by the shock and the swaying of the building. My first feeling was not one of fear. I realized that it was an earthquake shock, but as no plaster fell in my room I felt no special alarm. I arose, however, dressed and went down Ellis street.

I passed the Y. M. C. A. building, where our society had held its meeting, and noticed that a large mass of debris filled the street. I went on to Market street, down on Third street. A few blocks below Market two buildings were burning, and south of Market fires showed on Fifth, Sixth and Seventh streets.

"These fires quickly grew in proportion and spread rapidly with no water to quench them. They steadily ate their way toward Market and Third streets and by noon the Call building was a mass of flame. In Union Square park, opposite the St. Francis Hotel, had congregated several members of our southern Californian delegation. Drs. Frank and Rose Bullard, Dr. Herbert Ellis of Los Angeles, Dr. F. C. E. Mattison, Los King and Hibbard of Pasadena, Mrs. Leonard, wife of the proprietor of the Hotel Maryland of Pasadena; Dr. and Mrs. John C. King of Banning, and I joined them.

### Many Not Scared.

"Individual experiences varied. Those who were throwing out their bed and plaster and furniture topple over and were scared into a realization of the danger, while those of us who felt only the shock regarded it at first merely as a quake of unusual severity.

"Only here and there could one see the dead and injured. The visiting physicians from the south offered their services wherever possible, but it early became evident that their brother practitioners were unable to handle the situation. We early realized that there must be a food and perhaps a water famine. Our unfamiliarity with the city made it desirable for us to get across the bay if possible. As we stood there, scenes and beyond description passed before our eyes.

### Humorous Scenes.

"Four people were hauling trunks and boxes. One man carried his bed with him and another wore three derby hats on his head. Chinamen flew wildly past and two hysterical negroes with fear in their faces passed through the park and shouted: 'Prepare to meet your God; the hour of judgment is at hand!'

"The Los Angeles party decided to go out to Golden Gate park. One hackman wanted \$20 for the use of his carriage. We hired an expressman and clambered in, when Dr. Mattison's uncle of Alameda told us he thought he could get us to the waterfront, where we could charter a launch and get across the bay. Drs. Mattison, Lee, King, Hibbard, Mrs. Leonard and myself decided to take the chance, while Dr. Bullard and his wife and Dr. and Mrs. L. King decided to try Golden Gate park.

### San Jose in Ruins.

"We were fortunate in getting a boat at Crow's boathouse and crossed to Oakland pier, where we met Dr. Viescher of Los Angeles. I went to San Jose to try to catch the cross line, but failing remained over night, being joined by Thomas M. McCoy of Los Angeles, Dr. Von Swallenbury of Riverside and Dr. Malaby of Pasadena. San Jose was in ruins, although the first reports of loss of life were much exaggerated. We returned next morning to Oakland and were fortunate enough to get out of the Pullman accommodations Thursday morning.

### Her Answer.

From the Princeton Tiger.  
On headed knee I sought her love;  
I tried, this, maid to woo;  
But all she deigned to say to me  
Was: "Twenty-three! Skidoo!"

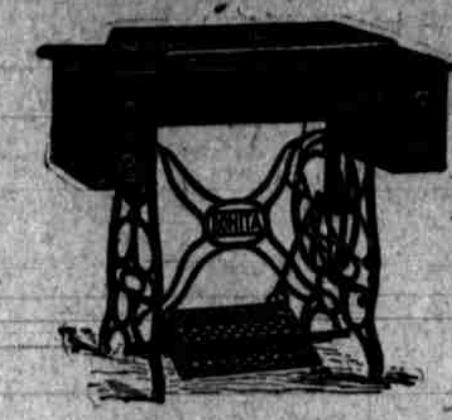
### VALUABLE ANIMAL DROPS DEAD AT HORSE FAIR

(Special Dispatch to The Journal.)  
Enterprise, Or., April 21.—At the horse fair held here this week among the number of valuable exhibits was a jack, owned by M. Elliott of this place. Without a minute's notice or any signs of illness the jack dropped dead. It is rumored that the animal was poisoned by one of Elliott's enemies. It was but recently shipped here, and was valued at \$2,000.

### Weds Kentucky Congressman.

(Journal Special Service.)  
New York, April 21.—Another romance grew out of the visit of the Taft party to the Philippines last summer culminated in a wedding today when Miss Mignon Crittten became the bride of Representative Swager Sherley of Louisville, Kentucky. Both bride and bridegroom were members of the Taft party, and their engagement was announced shortly after that of Miss Roosevelt and Mr. Longworth.

# THIS IS THE BONITA



DROP HEAD SEWING MACHINE WHICH WE SELL—With All Attachments—at \$25.00

And there is no better Machine sold on the face of the earth. No better is made, or ever will be made. It is absolutely

## THE EQUAL OF ANY \$75 MACHINE

Sold by the regular dealers, but we sell it at \$25.00 because we do the business in our store and save the expense of hiring a man to drive a horse and wagon around the country hunting up some one desiring to buy it. We handle the Machine merely as a side line, and it does not cost us a penny to do it.

Telephone Main 1382 **J. J. KADDERLY** Odd Fellows Temple First and Alder Sts.  
DEALER IN ALL KINDS OF HARDWARE, GARDEN AND CARPENTERS' TOOLS AND CUTLERY.

# ORINO Laxative Fruit Syrup

Pleasant to take and does not gripe or nauseate Cures Chronic Constipation, Stomach and Liver Trouble

### Stimulation Without Irritation.

ORINO Laxative Fruit Syrup is a new laxative syrup combined with the delicious flavor of fruits, and is very pleasant to take. It will not gripe or sicken. It is much more pleasant and effective than Pills, Tablets and Saline Waters, as it does not derange the Stomach, or irritate the Kidneys, Liver or Bowels.

### Constipation.

ORINO Laxative Fruit Syrup will positively cure chronic constipation as it restores the natural action of the intestinal tract. Ordinary cathartics may give temporary relief but the stomach is upset and the bowels are irritated without any permanent benefit having been derived.

The condition of the patient remains unchanged. The Stomach, Liver and Bowels have not been stimulated and in a few days a stronger purgative may have to be taken. This is why Pills and Aperient Waters never give permanent relief. Their violent action results in an unnatural movement of the bowels and it is necessary to keep taking them indefinitely.

### Why ORINO is different.

ORINO Laxative Fruit Syrup is the only preparation that really acts upon all of the digestive organs. Other preparations act upon the lower bowel only and do not touch the Liver. It can very readily be seen that a preparation that does not act upon all of the digestive organs

can not cure Chronic Constipation, Torpid Liver, Indigestion, Sour Stomach, etc.

### For Biliousness and Sick Headache.

Take ORINO Laxative Fruit Syrup. It sweetens the stomach, aids digestion and acts as a gentle stimulant on the liver and bowels without irritating these organs.

### Clears the Complexion.

ORINO Laxative Fruit Syrup stimulates the liver and thoroughly cleanses the system and clears the complexion of pimples and blotches. It is the best laxative for women and children as it is mild and pleasant, and does not gripe or sicken. Refuse substitutes.

## OUR GUARANTEE

Take ORINO Laxative Fruit Syrup and if you are not satisfied your money will be refunded.

Prepared only by FOLEY & CO., Chicago, Ill.  
SOLD AND RECOMMENDED BY  
WOODARD, CLARKE & CO. AND S. G. SKIDMORE & CO.

## TELLS OF HORROR HE WITNESSED

### A. L. Mumford and Family Arrive at Medford From Scene of Devastation in San Francisco.

### WILD SCENES ENACTED BY FRIGHTENED PEOPLE

### Orders to Keep Prices Down Were Not Heeded and Big Sums Paid for Handling Trunks—Many Hauled Bedsteads Away.

(Special Dispatch to The Journal.)  
Ashland, Or., April 21.—A. L. Mumford, a newspaper man, formerly of the San Francisco Bulletin, on train No. 15 with his family en route to Medford, gives graphic details of the earthquake horror. Mumford with his wife and three children resided on California street, near Van Ness avenue. He stated:

"At 5 o'clock Wednesday morning the house began to tremble and then shake, until with a sudden spasm it seemed it must be lifted and torn asunder. Then the trembling subsided gradually, the whole lasting some 60 seconds, at the end of which time we were all in the street. Within five minutes fires were

seen bursting forth in the region of Market street in a dozen places.

"When daylight arrived it was seen that the street in many places had opened and then closed with such impact as to force a ridge from one to two feet high along the line of cleavage. By night a wall of fire a mile long showed the line of Market street. Though our home was one mile away we could have read ordinary print from the back fire and against the wind.

"We packed a few things together and awaited results. When the flames were on three sides of us the soldiers ordered us out. The two little boys dragged the trunk a mile with a rope while my wife and I carried what things we could. We encountered many people rolling from bedsteads or vehicles loaded with baggage.

"Transportation could not be had. The orders to keep down prices were not effective and some gladly paid \$75 for a wagon to move some baggage and one man gave \$50 for a ride of a mile in an automobile. Some grocery stores in our neighborhood were thrown wide open to the people and without cost.

"The roaring of the approaching fire and the crash of dynamite explosions were awful in the extreme. It is asserted that not a single chimney of stone or brick was left standing.

"Some diverting incidents, under other circumstances quite humorous, came to notice. A man and his wife came out of an elegant mansion, the wife carrying in her arms the poodle dog, the husband the parrot.

"In another instance a wife was seen carrying a large bundle on her shoulders, while her husband had under his arm a little box containing the canary bird.

The doctrine of the survival of the fittest doesn't appeal to those who get left.

## There is but One Real Soda Cracker because there is but one that comes to you just as it comes from the oven.

Others lose their value by being exposed to the air, absorbing moisture and collecting dust.

The real soda cracker is Uneda Biscuit kept fresh and clean by the protecting package

# 5¢

NATIONAL BISCUIT COMPANY

## STOP

FOOLING WITH "TO LET" PLACARDS—A JOURNAL WANT AD WILL FIND A TENANT FOR YOU.

## SAN JOSE WRITER TELLS OF THE TERROR

City is Badly Damaged and Wild Rumors Frighten the Town.

Letters from friends in San Jose were received by Portland people this morning, containing meagre descriptions of the results of the earthquake shock in that city. San Jose was in the center of the greatest disturbance. Since Wednesday the city containing 35,000 inhabitants has been cut off from all communication with the outside world. A score or more are dead in the city, and hundreds injured. The place is under martial law. Following is an excerpt from one of the letters written about noon on Wednesday:

"We are having a reign of terror here today. Every little while an earthquake comes and creates a panic. We had a frightful one a little after 5 o'clock this morning. Our house is a wreck. The plaster and chimneys are all down. Here's another shake.

"The city is ruined. Buildings collapsed like eggshells and hardly one remains standing; those that do are wrecked. The Auerbach building on Santa Clara street, one of the finest in the city, is a pile of broken timbers, iron and brick. It is impossible to describe the scenes. One has to witness it to realize the awfulness of it all.

"It is difficult to estimate the loss of life, as reports come in great variety. The end isn't yet. I fear that all we can do is to wait. It's a dreadful sensation to be isolated from the whole world, never knowing what moment you will be killed.

"The house is swinging a little too lively for me, and I am going out of doors as it is risky to remain inside. Another hard shock will cause it to collapse."

It may be possible to love two women at the same time, but not if they know it.

## POND'S EXTRACT

THE OLD FAMILY DOCTOR

# Burns

no matter how severe are relieved almost instantly by the prompt application of Pond's Extract. Cover the parts affected with a piece of soft linen saturated with Pond's Extract. It will soothe the pain, cool the skin, relieve the swelling and hasten the growth of new skin as will nothing else.

Witch Hazel is not the same thing. An analysis of seventy samples of Witch Hazel—offered as "the same thing"—fifty-two were shown to contain wood alcohol or formaldehyde or both. Avoid danger of poisoning by using

## POND'S EXTRACT

THE OLD FAMILY DOCTOR

# BLOOD POISON

FOR MORE THAN TWENTY YEARS we have made the cure of blood poison a specialty. Primary, Secondary or Tertiary Blood Poison Permanently Cured. You can be treated at home under same guaranty. Capital \$500,000. We solicit the most obstinate cases. If you have exhausted the old methods of treatment, and still have sores and pains, Measles Patches in Mouth, Sore Throat, Pimples, Copper-Colored Spots, Ulcers on any part of the body, Elic or Erebrows falling out, write for proofs of cures. 100-page Book Free.

**COOK REMEDY CO.,**  
1265 MASSING TEMPLE, Chicago, U. S. A.

## Dr. William Austin Cox

Room 37, Lafayette Bldg.  
215 1/2 WASHINGTON ST.

Expert Crown and Bridge Work a Specialty.

## BASSETT'S NATIVE HERBS

"BEST BY 20 YEARS TEST" For Stomach and Bowel troubles, Liver and Kidneys, and all diseases due to impure blood or weak nerves. Small size (tablets) 25c. Large size, \$1.00. At Drug stores (in black boxes), if not, send for FREE trial box to Bassett's Native Herbs Company, Columbus, Ohio, or San Francisco, Cal.