How the Body is How the Collapse of the Former Vol-Nourished.

is better to know less than to this when you inquire how bone, flesh and living tissue.

what happens to a simple taining 249 square miles, was established in May, 1902. when it arrives in the human of answers, but how many will be correct? How many will tell you that the bread, if it is made of bolted flour, contains about as much nourishment as a paper collar and that its principal good is to put the butter on.

How many can explain why they are so fond of butterlike it by itself? Who of them will remember that the stomach can do almost nothdigested further on?

Ask what the liver does to it. How many will tell you that the liver gives it special treatment and that all fat cut than ordinary food? How many in the class or out of it have any fair idea of what fat is really good for in the human body?

fat foods are good only to make heavy and useless flesh. Few realize that fat is one of the chief elements in sustain-Scott's Emulsion is so effectstrength and mental as well as bodily vigor.

It combines the nourishing properties of the whole cod liver oil, emulsified, with hypophosphites of lime and soda, which makes the oil easy to digest and at the same time . greatly increases and re-inforces its good effect.

Scott's Emulsion is known to be one of the richest preparations (food product or medicine) in the materials most needed to make good blood and repair living tissue.

It is agreeable to the taste and the stomach, puts almost no work on the digestive powers and enters the blood with great readiness. builds up the body tissues rapidly and is a true food where nourishment is needed.

Its value has been well proven in 25 years' experience by the public and the doctors and it is widely recommended by the medical profession throughout the world.

Shall we send you a small sample

SCOTT & BOWNE, 409 Pearl St. New York

SUBSCRIBERS TO MAGAZINES, IF YOU want to subscribe to magazines or newspapers in the United States or Europe, remit by postal note, check, or send to the EAST OHEGONIAN the net publisher's price of the publication you desire, and we will have it sent you and assume all the risk of the money being lost in the maile. It will save you both trouble and risk. If you are a subscriber to the East Oregonian, in resulting you can deduct 10 per cant from the publisher's price. Address EAST OREGONIAN PUB. CO-Pendicton, Oregon.

AN OREGON WONDER

INTERESTING DESCRIPTION OF CRATER LAKE.

cano Mt. Mazama Created the Lake. Twenty years ago, says Mr. Diller, of the United States geological sur-Josh Billings once said, "It vey, Crater Lake was unknown to better to know less than to in the summit of the Cuskade range. know so much that ain't so," about 65 miles north of the California You can't help thinking of Klamath county, Oregon, 17 miles a little north of Fort Klamath, 16 miles the human body transforms Klamath Indian reservation, about 12 food into blood, and blood into

bone, fiesh and living tissue.

miles east of north of Fort Scott, and
a like distance due south of Mount
Thielson. The remnant of the great Ask a class in physiology named Mount Mazama in 1896; and the Crater Lake National Park, con-

The Neocene Period.

The geological record of this counstomach. You will get plenty try from the earliest epochs to the present time is replete with volcanic phenomena but the climax appears to have been reached in the earlier portion of the Neocene period, when one of the largest known fields of the world was vigorously active in our northwest states. This area of vol-canic activity to the Pacific, embracing a large part of Wyoming, Mon-tana, Idaho. Washington, Oregon and California. The western limit of the great volcanic field is likewise the western border of the Cascade range. The wrecking of Mount Mazama and the development of the great pit of calders, which for beauty and gran-deur rivals anything of its kind in the with other things, but never world, was the crowning event in the volcanic history of the Cascade range.

20 Miles of Cliffs.

The rim encircling Crater lake appears, seen from a distance, as a road cluster of gently sloping peaks. ing whatever with butter ex-tept pass it along to be be described by the road at the crest of the rim the last its majority beauty appears and only majestic beauty, appears suddenly on the scene and is profoundly im-pressive. The eye beholds 20 miles of unbroken cliffs, the remnant of Mount Mazama, ranging from over 500 to nearly 2000 feet in height, encircling a deep, blue sheet of placid water, in which the mirrored walls vie with the original slopes in brilgets into the blood in a dif-liancy and greatly enhance the depth o fthe prospect. The lake is about ferent way and by a shorter four and one-half miles wide and six and one-quarter mlies long, with an area of nearly 201/2 miles.

Mount Mazama.

There can be no reasonable doubt as to the former existence of Mount Maxama, but its shape and size are more difficult to determine. Mount Mazama is composed largely of lavas. Many people imagine that similar to those of Mount Shasta, and from the slopes of that famous peak we may draw inference as to those of Mount Mazama. Mount Shasta, unlike Mount Mazama, does not stand on an elevated platform. It rises with a majestic sweep of 11,000 feet from of the mountain before the hardening gentle slopes about its hase, gradual. of this lava, which thereupon flowed ing the nerve centers and brain and supplying the fuel for muscular power and vitality. This is one reason why The prominence of Mount Mazama as lower surface of the mountain, if such a drainage center is quite equal to effusion ever occurred, has not yet ive in restoring not only the that of Mount Shasta, but its slopes been found, fleshy tissues but active from ten degrees to 15 degrees, are scarcely as great as those of Mount the summer, when there is rapid evap-Shasta at a corresponding elevation oration and little or no precipitation. On the other hand, the canyons of the surface of the lake subsides; but zama are more profound and have The oscillation is limited to about been much more deeply glaciated than four feet. The lake appears to be any of those on Mount Shasta. It therefore appears reasonable to suppose that Mount Mazamas had an altipose that Mount Mazamas had a magnification of the mount tude at least as great, and possibly inside. The annual precipitation of greater than that of Mount Shasta the region is estimated at between

2000 Feet Deep.

There were eruptive flows of lava from Mount Mazama, and also great explosive eruptions of pumice, the greatest eruptions perhaps, of the Cascade range, and then came the revolution which removed the large cone and the upper 6000 feet of Mount Mazama, and gave rise to the caldera. The evidence seems to be against

the view that this destruction of the mountain was by an explosion which blew the upper part off and out. A large number (168) of soundings large number (168) of soundings made under the direction of Major Dutton, U. S. A., show that the inferred bottom of Crater lake may be con ceived of as a nearly plane surface for the most part, upon which stand three abruptly rising prominences, one Wizard island, rising high over the water, the other two being sub-merged. The depth of the floor upon which these prominences stand varies from 1900 to 2000 feet, probably the deepest fresh water in the United The solid contents of the area of the caldera containing this lake is about 12 cubic miles; the contents of the area of the mountain top above the caldera was probably five cubic miles-17 cubic miles of material in all. There is nothing on or around the present mountain to ac

count for all this material. Column of Lava.

The evidence does seem to show that during the final activity of Mount rected to make application to the di-Mazama there must have been within it a column of lava rising to a height over 8000 feet above the base of the Cascade range. It is possible that erly represent the educational inter-this great pressure, aided, perhaps, ests of our great state. by some other forces, made an open ing formed low down upon the mountain slope which allowed the lava to escape. The subsidence of the lava within the mountain left it unsupported and caused it to collapse. Phenomena of this sort are well known in connection with the Hawaiian volcanoes. The peculiar reversed flow of lava at Rugged crest seems to point to the collapse and subsidence. Cuts. wounds, corns, sore feet and stiff joints. Bucklen's Arnica Saive is the best in the world. Same for burns, scalds, boils, ulcers, skin eruptions and piles. It cures or no pay. Only point to the collapse and subsidence.

W. J. CLARKE & COMPANY, Hardware, Stoves and Plumbing

LET US SAVE YOU

Money On Your Stove

A second shipment of Celebrated Acorn Stoves and Steel Ranges has arrived and area display at our store. Come and select the style that pleases your fancy, and note the m points of superiority it has over other makes and learn how much you can save in the price to first shipment of Acorn Stoves and Steel Ranges, which we had expected to supply the trace the season, sold so rapidly that the stock was soon exhausted and a second order was placed the stoves are now here. Those who examine the Acorn Stoves and Steel Ranges, which sold in Pendleton only by us, were so highly pleased when they learned the low price at a this superior stove is sold by us that they readily became purchasers, and are now advert our stoves by their complimentary words.



\$11 and \$13



SIL



Three sizes



All sizes \$30 to \$65

W. J. Clarke & Company

HARDWARE, STOVES and PLUMBING.

Court Street

Level Changes,

Sun and Sand creeks on Mount Ma- during the rainy winter it rises again. 70 and 80 inches. Crater lake has no visible outlet, nor any visible reaching the surface directly within a few miles. But the walls of the caldera enclosing the lake are made up of alternating sheets of lava, dipping away from the lake practically in all MILWAUKEE FAMOUS. directions, and they are so porous a to afford easy pasage for much water Springs are on the mountain side which probabl yaffords an outlet

EDUCATION AT THE FAIR.

Oregon Teachers Resolve in Favor of an Educational Exhibit at the Lewis and Clark Fair.

La Grande, Nov. 29.-The Teachers' Association just closed adopted the following resolution:

We, as teachers representing the esources of Eastern Oregon, realizing that the better class of visitors will be interested in learning of our educational facilities and school work, and believing that the exhibit will be incomplete without an educational exhibit, do hereby resolve that it is one sense of this convention that a committee of three b appointed from this division of the Oregon State Teaches' Association to confer with a similar committee to be appointed by the Western division of the O. S. T. A., and further be it resolved, that these committees be rectors having in charge the management of the fair to arrange for an educational exhibit which will prop-

The Pride of Heroes.

Many soldiers in the last war wrote to say that for scratches, bruises cuts, wounds, corns, sore feet and stiff





THE BEER THAT MADE

UNEQUALLED FOR TABLE USE. All kinds of imported lunches,

much of the water that percolates hot wiener witst, sauerkrant and through that portion of the rim, miss feet at pigs feet at

KOHLER & GO'S

Main Streets near Postoffice



CONNUBIAL JOYS

are greatly enhanced by finely laundried linens. We can add to the sum of domestic happiness in this respect. Can't be beat at laundry work Do up your shirts and collars in At style. And you'll then have a "bosom friend" that'll give you comfort and pleasure. Special attention to collars and cuffs. Finest work, Lowest prices. Satisfactory service

THE DOMESTIC LAUNDRY

1. F. Robinson, Prop.

I have bargained with a competent Timber Cruiser to locate

Valuable Timber Claims

On the line o. 2 railroad now under construction. This means a big chance for first-comers. See

N.Berkeley

Have some good farms for

Come To Us

For your lumber and building material of all descriptions and you will save money and get first-class stock. We can supply you with

Doors, Windows

Screen doors and windows, building paper, lime, cement, brick and sand.

gutters for barns and dwellings.

Alta St., opp. Court House.



1900 Wash Machine

30 days

Saves labor and produces clean clothes . . Cash Price \$10

W. J. CLARKE & CO.

From us always connect highest appreciation for in judges because it is the ray market affords Tie un equally true of or lost and veni-always to be A trial orderad an to prove that semula in Pendleton.

Otto Miesch Houser's Old S

men, do you wish to insta

If so, do as others bare around you and see who s to-do men in the commare those who have in We make a specialty of wood estate, and on time in However small your real estate. Commence sell on small partial part cash, the following proj

A house with 5 room and lot ... pretty cottage at house and two lots A dwelling, stable and in A dwelling, stable and 1 is Vacant lots from \$150 A block of 14 lots A half block, 7 lots A plat of 4 lots

A plat of 2 lots Will sell for each or ments.

E. D. BOYD, ORLAN CLYDE CL

COUNSELLORATIL REGISTERED ATI