

The Santiam News

PUBLISHED EVERY THURSDAY BY
L. W. CHARLES

Politically Independent

ALL HOME PRINT

Entered at the postoffice at Scio, Ore.,
as second-class mail matter.

SUBSCRIPTION RATES:

One year in advance \$1.25
One year, at end of year 1.50
Six months in advance75
Three months in advance50
Single copy in wrapper05

ADVERTISING RATES:

Card of thanks 50
Special obituary notices, per line 60
Extended wedding comments,
per line 60
Display ads, to be changed weekly
if desired, one column wide
each insertion, per inch 15
Business locals per line 60
Long time standing ads, contracts
made on application.

PLAIN TALK by a NON-ADVERTISER

When the publisher asks you to purchase space in his paper promptly inform him that advertising doesn't pay. Assume a self-satisfied air and assure him that you are entirely satisfied with your volume of business. If this does not satisfy the caller, recall to mind some date on which you paid the publisher or his predecessor, seventy cents for advertising space which never brought you a cent's worth of business. It is always considered in good form to assure the publisher that bill boards or some other form of advertising pays better than newspapers. The publisher won't believe you, but it is immaterial what a newspaperman thinks of your judgment anyway.

To earn a place among the progressive and public spirited business men of your community confine your advertising exclusively to hotel registers, theatre curtains, bill boards and hand bills. "Fali" for every fake advertising scheme which is presented to you by a stranger, but never spend a nickel with the local publisher. That's the way to build a greater Albany and make a metropolitan newspaper. When you desire to spend money for advertising purposes immediately get in touch with the bill poster, the job printer, or the moving picture proprietor. Pay their price and never complain about their rates. When you move to larger and more commodious quarters, add a new department to the store and desire real publicity for your business or for some worthy public enterprise, call up the editor. He doesn't charge for this service and is invariably good natured.

If a publisher is putting out a paper that is really a credit to the city, don't tell him that his efforts are appreciated. You might spoil him. A newspaper man always expects you to complain about the service and is disappointed if you don't.

It is always considered good form to complain about the advertising rates charged by the press. These rates should be regulated by the legislature the same as any other public service corporation. The columns of a newspaper should be like a public drinking fountain—open to everybody without charge.—Albany Democrat.

MASS OF THE EARTH.

It is About Twice as Rigid as if Composed of Steel.

From refined researches in the transmission of earthquake waves through the earth's strata, from computations made by high mathematicians upon data secured by swinging delicate pendulums in north and south and east and west planes and from the motions of horizontal pendulums in subterranean chambers it has been deduced that all these movements can be explained by the properties of the earth's mass if it, as a whole, is about twice as rigid as if composed of steel.

The little scratchings made by man on the surface reveal rocks, but none approach steel in rigidity. The specific gravity of the earth is 5.66—that is, it is that many times denser than if composed of water.

Pendulum experiments and recalcitrant studies of variation of latitudes and of tides in the solid materials of the earth all indicate that the globe as a whole is very rigid. But the material within is unknown.

It is not absolutely rigid, however, because the pendulums were deflected only two-thirds the amount they would be with an earth whose rigidity is absolute.

Changes in latitude of places show that the equator moves, but this cannot move unless the axis moves slightly in reference to the principal axis of rotation. Thus the earth actually wobbles like a top. And from this fact it appears that its rigidity is greater than that of steel.

We have no clue as to what the materials of the earth's center may be to have this great rigidity. But tides in the globe, as revealed by pendulums, wave velocities that are propagated by earthquakes and real changes in latitudes agree that the earth is more rigid than if the interior were made of steel.

Nothing is known as to the thermal state of the central regions. White hot lava certainly pours forth, but we do not know from what depths. Heat increases with depth of mines, but we do not know if this increase continues. If it does, then any substance known would be melted.

If the center is melted, then the crust, to be so rigid, must be composed of materials whose nature is unknown. If absolutely rigid, then no attraction of the moon nor any other body or combination of bodies could cause the earth to bend. But it does rise and fall in minute tides, and these are about the same as they would be in a sphere of nearly double the rigidity of steel.—New York American.

Up to the Deer.

The colonel was boasting of his native south.

"Wonderful country down in Texas, seh, and pow'ful fertile too. Yes, I know many a spot down there where the trees grow so close together that you all couldn't shove your hand between their trunks. And as for game, seh, why, I've seen deer with antlers eight feet spread! Yes, seh!"

"But colonel, how can such deer manage to get their antlers between such tree trunks?"

The colonel drew himself up with great dignity.

"That, seh," he replied, "is their business."—Portland Press.

Money-making.

Your dog will chase his thousandth and even his millionth rabbit just as though it were the first he had ever seen. He'll strive and strain in pursuit of it to the point of heartbreak. One might suppose his soul's life depended upon its capture. And yet should he overtake it he will cast it aside when killed and will begin quattering the ground to start another. To the last gasp of his breath that dog will chase his rabbit. When you tell me why that dog wants another rabbit I will tell you why I want more money.—James R. Keene.

The Decay of Glass.

Few persons who admire the iridescence of ancient glassware know that the prismatic hues displayed are a result of the decay of glass. When disintegration sets in, the substance of the glass splits into exceedingly thin laminae, which, as the sunlight traverses them, give rise to a splendid play of colors. Like the leaves of a forest, these

delicate glasses signalize their approaching dissolution by becoming more beautiful.—Harper's Weekly.

Troubles of an Amateur.

"I thought you had gone to raising bees," said the man from the city. "I don't see any sign of them around here."

"I had half a dozen colonies of the finest bees I could get," answered the suburbanite, "and a whole library on bee raising, but they swarmed one day, and while I was looking through my books to find out what was the proper thing to do when bees swarmed the damned things flew away, and I've never seen 'em since."—Chicago Tribune.

R. SHELTON

Real Estate Notary Public

Administrator of Estates

Joint Negotiated, Abstracts

Obtained and Examined

SCIO - - - - - OREGON

OFFICERS
PRESIDENT, W. F. GILL
SECRETARY, C. A. WARDER

DIRECTORS
J. J. Barnes, W. F. Gill,
A. Bilyeu, J. R. Barnes,
C. A. Warner.

Scio Milling Company

SUCCESSOR TO
SCIO ROLLER MILLS

INCORPORATED DECEMBER 28, 1904

We do a General Custom Milling Business. Flour and Feed on Sale. Wheat Bought and Exchanged for Flour. We are in the Field for Business and Will Treat You Right.

POLK'S

OREGON AND WASHINGTON
Business Directory

A Directory of each City, Town and Village, giving descriptive sketch of each place, location, population, telegraph, shipping and banking points; also Classified Directory, compiled by business and profession.

H. E. POLK & CO., SEATTLE

DR. T. K. SANDERSON
DENTIST

Telephone: 27-7

SCIO - - - - - OREGON

Trespass notices for sale at the News office.

Big Value Bargain Clubs

A Year's Reading Matter for the Whole Family

For the Fruitman
The Fruit Grower and Farmer

For the Poultry Raiser
The Weekly Inter Ocean and Farmer

For the Dairyman
Kimball's Dairy Farmer

You Save One Half

Send Your Order Today

Each Magazine the Best of Its Class

Don't Wait Do It Now

Your Choice of Three Clubs

The Chicago Weekly Inter Ocean and Farmer is a great newspaper that gives you the best news and features from the Sunday and Daily Inter Ocean. A world-wide news service, market reports, etc., makes this paper second to none. Every issue contains a sermon by some noted evangelist, and a story by a distinguished author. Published weekly. Regular yearly subscription price \$1.

The Family Magazine contains clean, wholesome fiction, stories of more than ordinary interest and engaging account of our own and foreign events. A meeting ground for the housekeeper. Good editing. Published monthly. Regular yearly subscription price 50c.

The Fruit Grower and Farmer. A magazine that has helped its readers improve their fruit, no matter whether they have a big orchard, or just a few trees in the yard. It is the largest fruit grower in the United States and contains more helpful matter for people who grow fruit for profit or pleasure than all other magazines put together. Published monthly. Regular yearly subscription price \$1.

Successful Poultry Journal. A subscription to this magazine is a year's course of instruction in poultry culture from the foremost experts and practical breeders. Contains special services on all branches of poultry raising, that will save you money and teach you how to get the results that insure pleasure and profit to the amateur or the expert. Published monthly. Regular yearly subscription price 50c.

Kimball's Dairy Farmer. A magazine that appeals to the big breeder of cattle and the general farmer who wants to increase the production of his cows. Edited by practical men who breed good dairy cattle, hogs, horses and poultry and give their readers the benefit of their work and experience. Published twice a month. Regular yearly subscription price 50c.

THREE BIG VALUE BARGAIN CLUBS

Either of these combinations means a saving of at least one half, and in addition you do not have to bother writing each publisher direct. They comprise a variety of publications that will appeal to those who want the best in their respective fields at a price within reach of all.

CLUB No. 1	CLUB No. 2	CLUB No. 3
FRUIT GROWER AND FARMER	SUCCESSFUL POULTRY JOURNAL	KIMBALL'S DAIRY FARMER
WEEKLY INTER OCEAN	WEEKLY INTER OCEAN	WEEKLY INTER OCEAN
FAMILY MAGAZINE	FAMILY MAGAZINE	FAMILY MAGAZINE
HOME LIFE	HOME LIFE	HOME LIFE
Regular Price \$1.50	Regular Price \$1.50	Regular Price \$1.50

ANY ONE of the above Clubs, No. 1, 2 or 3, and a Year's Subscription to The Santiam News, all SIX papers ONE YEAR \$1.50

Be sure to specify which club you desire. Order by Number, Club No. 1, 2 or 3. Address all orders to

THE SANTIAM NEWS, SCIO, OREGON