

The Bend Bulletin
DAILY EDITION

Published Every Afternoon Except Sunday,
BEND, OREGON.
Entered as Second Class matter, January
8 1917, at the Post Office at Bend, Oregon,
under Act of March 3, 1879.

GEORGE PALMER PUTNAM, Publisher
ROBERT W. SAWYER, Editor-Manager
LUCILE F. SAUNDERS, Associate Editor
FLOYD C. WESTERFIELD, Assistant Mgr.
RALPH SPENCER, Mechanical Supt.

An Independent Newspaper, standing for
the square deal, clean business, clean politics
and the best interests of Bend and Central
Oregon.

SUBSCRIPTION RATES

One Year	By Mail	\$5.00
Six Months	By Mail	\$2.75
Three Months	By Mail	\$1.50
One Year	By Carrier	\$4.50
Six Months	By Carrier	\$2.50
Three Months	By Carrier	\$1.50

All subscriptions are due and PAYABLE IN
ADVANCE. Notices of expiration are mailed
subscribers and if renewal is not made within
reasonable time the paper will be discontinued.
Please notify us promptly of any change of
address, or of failure to receive the paper regu-
larly. Otherwise we will not be responsible for
copies missed.
Make all checks and orders payable to The
Bend Bulletin.

SATURDAY, JANUARY 12, 1918

KNIGHTS OF COLUMBUS.

(Oregon Voter.)

This Catholic organization has or-
ganized work in our army camps sim-
ilar to that conducted by the Y. M. C. A.
There is need for both organiza-
tions. While the Y. M. C. A. con-
ducts its work along the broadest
lines, and includes Catholics and Jews
among its workers as well as among
those to whom it extends the hospi-
tality of its huts and service, there
are unquestionably many soldiers
who will be comforted and cheered
if their needs are ministered to by a
Catholic organization.

The Knights of Columbus have ac-
cepted responsibility for this work
and like the Y. M. C. A. have opened
their huts to all the boys in the ser-
vice, no distinction being made as to
creed or any other affiliation. This
is a noble spirit. There is more than
enough work for both organizations.

For the Knights of Columbus war
fund, the Oregon quota is \$50,000.
Next week has been designated by the
State Council of Defense as the time
for the subscription drive to raise this
amount. Everyone should contrib-
ute, irrespective of religious affilia-
tion. The work is authorized and ap-
proved by the national government.
Already the government has autho-
rized construction of 73 buildings in
the army camps and navy stations.
Think of the good it will do our boys
to have these huts as social headquar-
ters. Let us all back up the Knights
of Columbus as we have all the other
patriotic war funds.

The Salem Capitol Journal says that
peace "settings" are to be resumed
at Brest-Litovsk. Hatching some-
thing, probably.

WORK OF MOTHER NATURE

Formation of Cubes and Patterns, Per-
fectly Symmetrical, Character-
istic of Gem-Stones.

The original geometrician was Mother
Nature. Observe her work in the
making of crystals. Each kind of gem-
stone crystallizes on a certain pattern
of its own, perfectly symmetrical; it
is the same way with metals when
they form crystals, says a writer.

If a cupful of salt and water be al-
lowed to evaporate slowly in a cool
place, the salt will take the form of
ever so many cubes, each one of them
perfect.

One mineral in crystallizing will in-
variably take the shape of an octa-
hedron, another of a dodecahedron.
Yet another will assume the form of
a multitude of cubes, perhaps half an
inch on an edge, with a chip accurate-
ly cut off of each corner. It seems
like a joke.

Gold and silver crystallize as cubes.
A crystal of iron sulphide resembles
in shape a wild rose. Water has its
own crystalline forms, like any other
mineral. Ice, of course, is a kind of
rock—as much a rock as granite—but
is remarkable for its low melting
point. This is lucky for us, because
this rock, in a molten condition, fur-
nishes us with drink.

Homage Paid Joan of Arc.

Old and new were reunited when
Orleans and New Orleans met in the
fiftieth century hotel de ville of the
city on the Loire at the heart of France
recently, says a Paris correspondent.
The bicentenary of the new world city
was the occasion of the United States
delegates' visit. Homage was paid to
Joan of Arc, the champion of the me-
dieval struggle for freedom. She was
the subject of French and American
speeches, and flowers and a bronze
palm leaf were laid at the foot of
her statue. A pilgrimage, too, was
made to the fort of Tourelles, so fa-
mous in the defense of the city by the
maid. The events of those far-gone
centuries served as a distant romantic
background to the present struggle, in
which the most recent figures to ap-
pear on a crowded canvas are those
of the United States soldiers on the
Flanders front. Side by side with the
mention of medieval names and events
were heard, in the old halls of Orleans,
those of President Wilson and the
battle of the Marne.

12:30 to 1:30 Sunday, Goose Din-
ner at the Allamont, 50 cents. 31c

**More Specimens Added To
Forest Service Herbarium**

As an aid in the formulation of
plans for the more economic utiliza-
tion of the forage on the Deschutes
national forest, additions are being
made to the herbarium of the Bend
office. This now contains approxi-
mately the following specimens: Thirty-
seven different species of trees,
38 shrubs, 155 weeds or non-grass
like plants, 10 grass-like, such as
sedges and rushes, and 26 specimens
of grasses. Each of these specimens
have been identified by the Wash-
ington, D. C., office of the forest ser-
vice and are mounted on large card-
board sheets with notes regarding
their abundance, forage value, flow-
ering period, locality of collection,
common and scientific names and ad-
ditional data as to their relative for-
age value or economic use.

W. J. Sproat has recently complet-
ed a report on "The Flora of the Des-
chutes National Forest," in which he
has listed approximately 281 plants.
This number will soon be supplu-
mented by 160 plants collected by
J. C. Kuhns. When complete, the
herbarium will contain information as
to the vegetative cover on the forest,
and it will also be made possible
to recognize poisonous plants, in or-
der that proper steps may be taken
to prevent loss among the livestock
on the range.

The value of a complete knowl-
edge of the vegetation in the forest
range is easily seen when it is
realized that an area of approxi-
mately 2,176,200 acres is af-
fected, which furnishes summer feed
for approximately 40,000 sheep and
4000 cattle.

A knowledge of the principal forage
plants and their relative values as
forage will aid in the making of plans
whereby proper utilization of the

range may be secured and past abuses
corrected. Abuse does not necessar-
ily mean grazing at the wrong season,
for instance, light grazing during the
flowering period may do more dam-
age than heavy grazing after seed
maturity. Again, some plants pro-
duce crops of seed with low viability,
that is, few of them will grow. Hence
range composed of this sort of plant
must receive special attention if it
is to continue producing a maximum
amount of feed.

Improper grazing may cause an
area of good forage to be replaced by
plants of inferior feeding value. This
is what has happened on some of the
higher ranges in the Cascades. Much
of the original stand of grass was
(Festuca viridula) mountain bunch
grass. This original stand in many
places has been destroyed and is now
naturally being supplanted by infer-
ior species of plants which have a
very much lower feeding value.

The protection of the watersheds
is another important point which
may be more intelligently handled by
knowing the vegetation which will
effectively hold back the melting
snow in the spring. Considerable
damage may result from the denuda-
tion of a watershed and thus allow-
ing the flood water of the spring to
rush down the steep hill sides. It
has been demonstrated that a water-
shed covered with a dense vegetation
acts as a sort of reservoir which al-
lows the water from the melting snow
to run off slowly, and hence does no
damage, but keeps up the stream flow
until late in the summer when it is
needed for irrigation.

The herbarium is open for the use
of anyone interested, and the local
office of the forest service will glad-
ly give any available information in
regard to it.

AGRICULTURAL ANT OF TEXAS

Creatures Are Regular Farmers and
Their Homes Are Marvels of
Skill and Strength.

Texas has many varieties of the ant
family. Out on the "Llano Estacado,"
or Staked Plain, they are so numerous
that their hills look like the billows
of a rolling sea.

One of the most powerful and for-
midable insects in the Southwest is the
agricultural ant of Texas, observes a
naturalist. These busy creatures are
regular farmers, and their homes are
marvels of architectural skill and
strength.

Think of a house from 12 to 15 feet
high, built by a little ant, and which
is so strong and well supported that
cattle and buffaloes can walk over it
and yet not crush in this wonderful
dome.

It is said that if a horse, in propo-
tion to his size, could leap as far as
a flea, that in one jump he would
go clear around the world. Now, if
a man constructed a house according
to the same proportions of an ant's
domicile, it would be more than a mile
high.

These agricultural ants, next to a
bee, are the most industrious crea-
tures on earth. They sow, reap and
gather just like farmers, and during
the warm season lay by sufficient store
for winter's use.

Glass Eye That Moves.

Capt. J. L. Aymard, a British army
surgeon, describes in the Lancet an
improved glass eye which can move.
The chief drawbacks to the ordinary
glass eye are that, being simply a con-
vex shell of glass, it tends to sink
back into the socket and is fixed in a
stony stare. Captain Aymard gets
over these difficulties by placing in
the socket of the eye a sphere of liv-
ing cartilage or gristle taken without
risk from the patient's ribs. It is all
one operation. While one surgeon re-
moves the destroyed eye, another sur-
geon removes the pieces of cartilage
from near the patient's breastbone.
Two pieces are made into a little
globe, which is placed in the socket,
and the thin outer covering of the eye,
the conjunctiva, is sewn over to hold
it in place. The ordinary glass eye
shell is inserted over this and is pre-
vented from sinking backwards. Some
movement of the eye by the wearer is
said to be possible.

Maize From Venezuela.

As a result of a suggestion from
the American consulate, based upon
the higher prices for maize in the New
York market than in Venezuela, ship-
ments of maize from Venezuela to the
United States have been undertaken
for the first time on record, and al-
ready 80 tons have been sent. If present
New York prices hold until the new
crop of maize comes in there may
be large shipments, as the crop is ex-
traordinarily good.

TO AID THEIR MEN

British Women Disregard Former
High Social Positions.

Female Population May Be Found Any
Place Doing Such Work as Will
Help the Cause.

"By Jove, I never felt more like an
ass in my life, old chap." It was an
old British colonel speaking. He had
just returned from a government mis-
sion to the colonies, and seated before
a great open fire of his London club,
he was relating to a crony some of
his experiences while away. "It was
while I was in Sidney. Knew a chap
out there and thought I'd drop in on
him. Walked up to the house and
rang the bell. Deucedly pretty maid
answered, and, by Jove, so strong was
the force of habit, don't you know, I
up and kissed her before I realized
she was my own niece."

And don't think for a minute that
the old colonel's experience was
unique, except in a few minor details.
Others may not have developed such
oscillatory habits, but many an officer
has come back from the front and
found his women folk working as do-
mestics in London. The pretty young
woman one sees polishing the wood-
work of the hospital waiting room or
busily dusting the furniture of the
club parlor may be a duchess or coun-
tess or the daughter of a millionaire
wine merchant. There's no telling
these days, and the English public is
so accustomed to being waited upon
by its gentlemen that it has come to
accept it as a matter of course.

Not so with the Sammy, though,
says an exchange. He'd be the first to
resent the charge of being undemocrat-
ic, but still the thought of being
served by one of the "400" is almost
too much for him. He was a pretty
fresh young man when he first hit
England. He had a reputation for
breeziness to uphold, and by the spike
of Heine's hat, he was going to live
up to it. But when he learned that
the young woman servant was the
daughter of one of the peers of the
realm he wilted.

For one may find the English gen-
tlewoman any place and doing any
kind of menial labor. She isn't the
petted and pampered hothouse prod-
uct popular novelists would have you
believe her once to have been. Instead,
she's a mighty sensible, industrious,
patriotic person. Her brothers and
sweethearts are "out there" doing
their bit and she is "carrying on" back
home. It's no longer a novel sight to
see her manipulating the intricate ma-
chinery of the munitions plant or
skillfully guiding a taxi through the
fog-shrouded streets of London. In a
white uniform she wears the red cross
in the hospitals of France and her na-
tive island. And now she is plying
the dust cloth and the mop, washing
dishes, answering doors and doing the
thousand and one other things that
have to be done.

Nothing is too menial for her to at-
tempt if it adds to the comfort of the
men who have given their all for Brit-
tannia. There's Lady Evelyn King,
eldest daughter of the earl and count-
ess of Lovelace, who is a housemaid
at a Weymouth hospital. She was a
debutante just a few years ago and
at the time she was presented to King
George she was expected to become
one of the leaders of London society.
She is tall, with dark brown hair and
eyes of the same hue, and is consid-
ered one of the most beautiful women
in London. When war was declared
she was rapidly fulfilling the predic-
tions made for her popularity at the
time of her coming out. But now she
is a servant in one of the many hos-
pitals in England.

Plume Hunters.

Florida once upon a time was alive
with wild birds, says the Florida
Times Union. According to William
T. Honaday, author of American Na-
tural History, no other state in Amer-
ica, except possibly California, ever
possessed a bird fauna quite compar-
able with Florida. Florida bird life
was one of the wonders of America.
But the gunners began to shoot and
shoot.

The plume hunters have practically
exterminated the roseate spoonbill,
the flamingo, the scarlet ibis, and the
Carolina parakeet, and the limpkin
and ivory-billed woodpecker have
about disappeared, largely in the in-
terest of the millinery business to or-
nament fashionable hats. The robin
and other song and insect-destroying birds
are fast going. Unless a stand is
taken by well enforced laws the wild
bird life of the state will eventually
disappear and the multiplicity of in-
sects must imperil or destroy agricul-
tural interests.

Legless Mountain Climber.

Snow-capped Mt. Hood, a difficult,
exhausting climb for the seasoned
sportsman, has been scaled by a leg-
less newsboy. A few weeks ago, ac-
companied by two guides, a forest
ranger, and his wife, the newsboy's de-
termination won out, according to
Popular Mechanics' Magazine. Part
of the trip was made on horseback, but
when the steep grades were encount-
ered it was every man for himself.
The newsboy was equipped with an im-
provised sled and blocks studded with
heavy spikes. These implements, how-
ever, proved more of a hindrance
than help and were discarded. Haul-
ing himself on his abnormally strong
arms he flung his body up the incline
several feet at a time and often made
better progress than others of the
party.



CONDENSED REPORT OF THE CONDITION OF

Central Oregon Bank
BEND, OREGON

At the Close of Business, December 31, 1918

OFFICERS:

D. E. HUNTER, President
CARLETON B. SWIFT, Vice-President
E. P. MAHAFFEY, Vice-President,
H. M. STEPHENS, Cashier

DIRECTORS:

D. E. Hunter W. L. O'Donnell Carleton B. Swift
E. P. Mahaffey H. M. Stephens

RESOURCES.

Loans and Discounts	\$29,038.43	Capital Stock	\$ 25,000.00
Bonds and Warrants	12,148.86	Surplus and Undivided Prof.	2,146.57
Furniture and Fixtures	4,571.40	Its	298,439.09
Cash and Exchange	79,528.40	Deposits	298,439.09
Total	\$125,286.60	Total	\$125,286.60

You really appreciate the
kind of Roast we give you.

CASH MARKET
148 OREGON STREET

"LET FOX DO IT"

Transfer---Phone 221

LIGHT AND HEAVY HAULING

You can rely on our service for we know how to handle
your work. We are prompt.

PIONEER AUTO STAGE & TRUCK CO.

BY THE PINT

BY THE QUART

BY THE HALF GALLON

(We deliver milk and cream in any quantity)

Phone Black 1531

JONES DAIRY

AUTOMOBILE ELECTRIC REPAIR SHOP

STORAGE BATTERIES CHARGED
OVERHAULED AND REBUILT

Don't throw away your old battery, as we may be able to renew
it at half the cost of a new one.

**GENERATOR, STARTING MOTOR
& MAGNETO WORK A SPECIALTY**

All Work Guaranteed. Shop located in Kenwood. Cross the bridge
at Pilot Butte Inn and go four blocks west.

SALTZMAN & COLLINS

The United Warehouse Company

WHOLESALE DISTRIBUTORS
FOR CENTRAL OREGON OF

OIL, GASOLENE, FLOUR, SALT,
MEATS, HAM, BACON, LARD, Etc.

Fertilizers for Lawns and Farm Lands

GENERAL COMMISSION MERCHANTS

We Buy Hides

THE UNITED WAREHOUSE COMPANY

Phone 241

A. M. Pringle, Manager



You Can Make one of Our Soldiers in France Happy by Sending Him
a Bulletin Tobacco Kit, 25c