

Does Moon Come Up In West?

By J. HUGH PRUETT
Astronomer, General Extension
Division, Univ. of Oregon
Answers to questions, "various
answers to questions," are at-
tempted here.
"Does the moon rise in the
east or west?" From our latitudes
always rises somewhere along
the eastern horizon although some-
times this varies almost from
north to southeast. The first
appearance of the thin new moon

in the western twilight certainly
gives the impression that it rose
over that horizon. But actually
it came up in the east and all
day trailed the sun across the sky.
2. "What is this about the
moon's changing its distance from
the earth during a month?" The
moon's path around the earth
is not a circle but an oval, or
ellipse. At times it is as far
as 253,000 miles from us; at
others, only 221,000.
3. "When will Mercury again be
in a good position for observing
as it was Sept. 23 when so near
Jupiter in the dawn sky?" Not
until its appearance in the west-
ern twilight around March 26,
1945. It may be seen—but less
easily—in the twilight around
Dec. 4, 1944, and in the dawn
around Jan. 13, 1945.
4. "Not being sure of the north
star, can I determine true north
by noting the direction opposite
that of the noon position of the
sun?" Because of war time and
the "equation of time," the sun
at this time of year is about due
south at 12:45 p. m. by the clock,

for those who observe from a
standard time meridian (90, 105,
or 120 degrees west longitude).
For each degree west of such a
meridian add four minutes to
12:45; for each degree east, sub-
tract four minutes.
5. "On any certain day does
sunrise occur at the same time at
Vancouver, B. C. and at the same
longitude 1000 miles due south
near San Francisco?" Only on
March 21 and Sept. 23, the times
of the equinoxes, when it occurs
at very nearly 6 a. m. (local time)
the world over. For Jan. 1, 1944,
at times of sunrise on standard
time meridians were as follows:
At equator, 6 a. m.; at 20 degrees
north latitude, 6:35; at 40 degrees,
7:22; at 60 degrees, 9:03.
6. "We read that the earth's
rotation produces a centrifugal
force which tends to make objects
fly off into space, especially at
the equator where the surface
speed is over 1000 miles per hour.
But they don't fly off. How
come?" Gravitation downward is
far greater than centrifugal force.
Rotation reduces the weight of a
289 pound man in northern Brazil
by 1-289th, or to 288 lbs. If
rotational speed should become
17 times greater, he would weigh
nothing; if increased much more,
he would be hurled from the lap
of old Mother Earth and likely
start for the moon.

HARDY DOUBLE CARNATIONS

GET NOW for best bloom next
year. COLORS—Blood red,
dark pink, cardinal red, crimson,
yellow, rose pink, salmon rose,
white and mixed. Cultural sheet
a feature.

4 FOR \$1.50 — 12 FOR \$2.50
SEEDS \$1.00 per packet.

HARROLD'S

P. O. Box 192 Grants Pass, Ore.

LOVE'S GIFT

For the Fall Engagement

No symbol speaks so eloquently of love as a
genuine registered Keepsake Diamond Ring. The Keepsake Certificate of Guar-
antee and Registration is part of your purchase. See the new Keepsake Matched Sets in a wide
range of styles and prices.

a Keepsake

DIAMOND RING



★ Budget terms at no extra cost.
★ S. & H. Green Stamps on cash
purchases, fair trade items ex-
cepted.

SKEL'S

Jewelry Store

Phone 411 927 Willamette

AUTHORIZED KEEPSAKE JEWELER

Sigma Xi Will Hear Talk By Dr. Larsell

Dr. Olaf Larsell, professor of
anatomy at the University of Oregon
medical school in Portland, will
speak to Sigma Xi members at
a meeting here Nov. 6.
Topic for the lecture as an-
nounced by Dr. J. M. McGee,
president of the science honorary,
will be "Development of the Coch-
lea in Relation to the Incep-
tion of Hearing."

One of the oldest official build-
ings in Washington, D. C., is the
home of the U. S. Marine Corps
commandant, built in 1803.

AT SHEDD

Mac Dotson from
Stevens City, Wash., was a recent
caller at the home of Mr. and
Mrs. J. A. Blankenship. Mr. Dot-
son and the Blankenships, who
are old friends, had not seen each
other for 35 years.

Mr. and Mrs. R. C. McCormick
and son, Marvin, of Oregon City
and Mrs. Bertram Blount and son,
Jackie, and little Jim Michael Mc-
Cormick of Portland visited rela-
tives here recently.

The Oakville community meet-
ing was held in the community
hall. The following program was
given: vocal solo, Mrs. Taylor;
talk on the war chest drive by
Clarence Eagy; saxophone num-
ber by Mrs. Leo Beach; duet,
Ronald Zabriske and Floyd Bul-
man; duet, Norman and Vernon
Coon. A straw vote resulted in a
majority for Dewey. The follow-
ing club officers were elected:
president, M. S. Coon, vice presi-
dent, Dick Davis; treasurer, Rob-
ert Cale; pianist, Marguerite
Coon; secretary, Marjorie Davis;
sergeant-at-arms, Floyd Lamb;
news reporter, Mrs. Flossie Lind-
say.

At a football game played here
recently the Shedd high school
team defeated the Harrisburg high
school team 57 to 33.

Margaret Lotine Starnes, 7th
grade student in the Shedd school
has received notification of win-
ning a second prize (a choice be-
tween \$25 early value in war
bonds and savings stamps or \$25
order on a clothing or sporting
goods store), in the Oregon Green
Guard essay and achievement
contest. She chose the bond and
savings stamps.

The United Presbyterian mis-
sionary society met on Friday af-
ternoon at the home of Mrs. Her-
bert McDonald. There were 16
present. Miss Tempa Brock led
the customary prayer cycle and
Mrs. Emma Gregory was in
charge of the devotions. The busi-
ness discussion was led by Mrs.
Rohrbough. Refreshments were
served by Mrs. McDonald and
Mrs. Vera Duncan.

Plane Whisks Blanket From Sleeping Child

CHARLESTON, R. I., Oct.—18
UPI.—While two-year-old Mar-
garet Morton lay sleeping in her
groton, Conn., home early today,
a navy plane ploughed through
her bedroom and whisked the
blanket off her bed without
touching her. The blanket was
found in the plane wreckage.

The pilot suffered a sprained
back when his craft crashed into
an unoccupied schoolhouse.

MUSIC PROFESSOR TALKS

Speaker at the Whitaker school
Parent-Teacher association sup-
per and meeting Friday night was
Miss Maude Garnett, associate
professor of public school music
at the University of Oregon. Fol-
lowing the supper Miss Garnett
led the meeting in group singing.

MUSIC TALK GIVEN

Miss Maude Garnett, associate
professor of public school music
at the University of Oregon, was
speaker at a Saturday luncheon
in the Del Rey cafe attended by
Lane county intermediate grade
teachers. Miss Garnett spoke on
music in the intermediate grades.

Dr. Elliott

Ophthalmologist
Eyeglass Specialist

- Numont
• Glasses
• Bifocals
• Trifocals
• Zenith
• Hearing Aids

LO.O.F. Bldg.,
Broadway & Oak

Lane County Grange News

LOWELL—Lowell grange will observe booster night Thursday evening, Oct. 26. Grange ladies are to bring pumpkin pies, dough- nuts, and coffee cream. All in- terested are invited.

Creswell—The regular meeting of Creswell grange will be held Thursday evening, with Mr. and Mrs. F. E. Vick, Mr. and Mrs. Robert Franklin, Mr. and Mrs. Roy Vincent, and Mr. and Mrs. W. De La Vergne serving on the refreshments committee.

Mohawk-McKenzie—Mohawk- McKenzie grange members will hold their regular meeting at the grange hall, Thursday evening at 8. Ellen Lammers, lecturer, will have charge of the lecture hour. Refreshments will be served at the end of the meeting.

The Home Economics club of
Mohawk-McKenzie grange will be
entertained Wednesday afternoon
at the home of Carrie Hill. At
this meeting plans will be made
for the penny supper and pro-
gram to be given at the grange
hall, Saturday, Oct. 28.

West Point—West Point grange met at Coburg in the grange hall last week. During the business meeting, it was voted for the group to sponsor a Girl Scout organization here in Coburg. Plans were made for the annual booster night observance which will be held Friday evening, Oct. 27 at 8 o'clock. A program will be presented. Each family is re- quested to bring a pumpkin pie. The public is invited to attend.

Franklin—Franklin Home Eco- nomics club met last week for a business meeting. Plans were made to serve lunch of sand- wiches, chili beans, coffee and pie in the hall kitchen on election day, each grange lady to fur- nish one pie. A small charge will be made. H. E. members are to visit Long Tom H. E. Oct. 26.

Booster night program was held
at the hall by the grange the past
week with about 65 present. El-
mer McClure, district deputy
from Milwaukie, was guest speak-
er of the evening, speaking on
the grange past, present, and fu-
ture. Other features of the pro-
gram included singing; presenta-
tion of the flag; reading, National
Master's Address, Ruth Hodson;
welcome by Maurice Johnson,
Franklin master; skit, "The Buga-
boo," Mary Jane Wilkerson, Ellen
Akerson; group singing; reading,
"Mom's Shingle," Billy Snyder;
two readings by Nadine West;
song; play, "Mrs. Smelrose Buys
a Hat," by six young folks; clos-
ing song; games. Lunch was
served.

Four applications for member-
ship were received and three
more are yet to come.

Santa Clara—The Santa Clara grange met last week. Mr. and Mrs. Allen Wheeler were guests and Mr. Wheeler was the speaker of the evening. The grange voted to postpone the next grange meet- ing on account of it being general election, Nov. 7. The grange will meet Nov. 21 with a Thanksgiving dinner to be held at 6:30 o'clock. Committee in charge includes Mrs. O. K. Baldwin, Mrs. M. K. Emmons, Mrs. Roy Overgard, and Mrs. Mary Sederlin. Nov. 21 also will be annual election for the grange. The Home Economic club met Friday afternoon at the home of

New Type Extension Class To Be Opened

Klamath Falls will be the prov-
ing ground for a new kind of
extension class the state system
of higher education is trying out,
according to Dr. Henry Stevens,
assistant director of the general
extension division.

A class on the handicapped
child, designed for the general
public and dealing with problems
encountered in daily life, is
scheduled to open in Klamath
Falls on Oct. 30. It will meet
twice a week for seven weeks.

Feature of the course is the
group of outstanding authorities
who will teach it. Men of state-
wide importance, no group west
of the Mississippi could be found
to equal them, Dr. Stevens says.

The class will attempt to cover,
in as non-technical a way as pos-
sible, all the primary fields of
disability for the handicapped
child and is a combination of the
state's adult education and in-
service program. It is to be held
in the Klamath Falls Union High
school.

Instructing will be the follow-
ing: V. D. Bain, assistant super-
intendent of the state department
of education and director of han-
dicapped education in the state;
Mrs. Ethel Fortner, state super-
visor of the visually handicapped;
John E. Taylor, state supervisor
of the hard of hearing; Dr. Lewis
D. Clark, director of crippled
children's division, University of
Oregon medical school; Dr. Lewis
C. Martin, director of child study
and special education in the Port-
land public schools; Kenneth Scott
Wood, University of Oregon
speech department; Dr. Leon Las-
sers, state supervisor of speech
correction, and Dr. Claude E.
Kantner, speech correctionist at
the University of Oregon medical
school.

New Beauty with CREME-OIL WANDA Cold Wave

Soft, natural looking
waves by the newest type
of permanent.



Now on our staff
ELSIE BLACK
FLORENCE MARTIN
ADELINE POTTER
Experienced in all lines of beauty work.

OPEN EVENINGS UNTIL
9:00 BY APPOINTMENT

The ALTA-BEA

BEAUTY SALON

60 West Tenth • Alta and Bea • Phone 4444

HADLEY'S... THE LITTLE SHOP ON THE CORNER... McDONALD THEATER BLDG.

Dressmaker Cardigans

A Collegebred
Creation
Trade Mark



Softer, more feminine version of
the tailored cardigan suit that has won your heart... now done
by Collegebred in fine all-wool gabardine with double darts at the
shoulder and waistline and antiqued gold or silver buttons... 49.95

CORDE... the aristocrat of handbags
... in rich black... 12.95 to 16.95.
plus federal tax. BLACK PATENT, pouchy
envelope, or shoulder styles...
4.95 to 8.95, plus federal tax.

Hadley's

CHARGE AND BUDGET ACCOUNTS... BEAUTY SALON ON THE BALCONY

THE ARMY NEEDS 11 EUGENE WOMEN TO CARE FOR OUR WAR WOUNDED!



Serve as a
MEDICAL
TECHNICIAN
in the WAC



A Wac surgical assistant is an important cog in the surgical team

Good soldiers...

the WAC

Because thousands of casualties
are being returned to the United
States constantly, the need for
Wacs to serve in the Medical De-
partment in scores of jobs is ur-
gent. These men have fought for
YOU—it's your DUTY to help
them now.

One of the 11 Laboratory Tech-
nician Jobs is Waiting for You.

WOMEN'S ARMY CORPS

U.S. ARMY RECRUITING STATION
16 POST OFFICE BLDG.
EUGENE, OREGON
PHONE 4831

Please send me, without any obligation on my part, the
new illustrated booklet about the Wacs... telling
about the jobs they do, how they live, their training, pay,
officer selection, etc.

NAME _____
ADDRESS _____
CITY _____
STATE _____ PHONE NO. _____

Please answer "yes"
or "no" to each of
the following ques-
tions:
Are you between
20 and 56? _____
Have you any chil-
dren under 14? _____
Have you had at
least 2 years of
high school? _____

THIS APPEAL SPONSORED BY

EUGENE WATER BOARD

AS ANOTHER WAR SERVICE