

Prof Answers Comet Gazers

Answers to numerous inquirers regarding the recent meteor shower are given here by J. Hugh Pruet, State Astronomer and Astronomer with the General Extension Division.

1. Were the meteors regular "shooting stars" or something quite different?

Yes, they were of the same nature as the so-called "shooting stars" seen occasionally on any clear night. But any of these are stars in name only. Real stars are huge suns at inconceivably great distances from us.

2. Were they exploding masses of gas?

No. They entered the upper

limits of our atmosphere (perhaps 300 miles above the earth) as small, cold pieces of stone or metal at speeds relative to the earth of 14 miles per second. By the time they got down to the 80-mile level, the friction with the relatively denser air made them so hot that they began burning violently and producing a great light.

Around the 50-mile height, most of them were entirely consumed and their ashes began sifting earthward. Some of the very large ones doubtless came much lower. The height while luminous can be determined fairly accurately by trigonometric methods.

Comets Seem Stationary

3. Were they comets?
No. Comets are very extensive bodies with tail sometimes millions of miles in length and at distances from us usually of millions of miles. A comet seems as stationary in the sky as does the moon and often can be seen from night to night for many months. A meteor when visible is a small body less than 100 miles above the earth.

4. Where did the meteors come from originally?

The solid particles were debris from the partial disintegration of comet Giacobini-Zinner. They are scattered out at a considerable distance behind the comet and over quite a width on all sides of its orbit. The earth, moving 18½ miles a second on its path around the sun, finally ran into the region where the particles were located.

Comet Miles Away

5. Where was the comet and why didn't we see it?

We came within only 132,000 miles of the orbit where the comet had passed eight days earlier, but the meteors were so scattered out on all sides from the central path, as they moved after the comet, that we reached the region of space where they were. On October 9, the comet's head was over 30,000,000 miles from us. The comet was never bright enough to be seen without optical aid.

6. Will we see these meteors every October 9?

Not at all likely. Thirteen years from now is probably the first possible chance.

Meteor Natural Phenomenon

7. Does a meteor shower foretell trouble to the world?

Astronomers consider a meteor display purely a natural phenomenon, with much less effect on human lives than the rays of the sun. There were no bright comets nor striking meteor displays immediately before or during the recent war.

Gehrke, Lewis Get ISA Appointments

Donna Gehrke and Bob Lewis were elected by independent students to the freshman representative positions on the ISA executive council Wednesday.

Miss Gehrke is a member of Orides, off-campus women's organization, and Lewis is from the vet's dorm. Both are freshmen in business administration.

ROTC Team Warms Up For Rifle Range Firing

"Dry run" preliminaries to actual range firing began this week for 37 prospective rifle team members of the ROTC. The amateur riflemen have signed up for two practice hours a week on the 50-foot rifle range upstairs in the ROTC hut.

They are being coached by Col. J. E. McCammon, Capt. R. B. Roche, F-Sgt. M. D. Mudd, and M-Sgt. B. F. Emerson, all of the military science department. Scheduled practice periods are from 3 to 5 p.m. daily.

World Affairs Club Organized at UO

Approximately 28 students attended an organizational meeting of the International Relations club at the YMCA Thursday evening. The purpose of the club is to formulate better understanding and discussion of international affairs.

Chairman pro tem Gale Deardorf conducted the meeting. Paul Dull, assistant professor of political science, will act as faculty adviser. Guest speakers will be presented by the club at various future meetings.

As the first activity of the club, representatives from the University will attend the Northwest International Relations clubs conference at Marylhurst college in Portland on November 15 and 16. Any student wishing to attend this conference is asked to contact Mr. Dull for information.

Reports on the conference will be given at the next meeting of the club on November 21 at 7 p.m. in the YMCA. Election of officers for the year will also be held at this time. All students wishing to become members are asked to attend this meeting.

Ex-GI Magazine Sponsors Contest

The ex-GI magazine, Salute, is sponsoring a letter writing contest open to all veterans going to school under the GI Bill of Rights, the letter to be on the subject of, "Problems of the College Veteran."

Salute is edited and published by former editors and writers of the Stars and Stripes and Yank magazine. It states that these letters are a chance for ex-GI's to sound off, on the current educational set-up, and generally let off steam.

Cash prizes in the amount of \$750 are being offered to the writers of the ten most outstanding letters. The first prize will amount to \$250; second \$100 and the eight additional awards will be \$50.00 apiece.

Length of the letters should not exceed 250 words and should be addressed to the Contest Editor, Salute, 19 Park Place, New York 7, N. Y. The contest will close on January 10, 1947 and letters post-marked later than midnight of that date will not be accepted.

Vets Forum

By JOHN JENSEN and DALE HARLAN

Bachelor Wanted: large room for one veteran, study desk, peaceful surroundings, preferably a veteran with a car. Residence is on River road. If interested, contact Glenn F. Sweeny, veteran adviser, room 3, Johnson hall.

Men asked to contact the VA in the physical education immediately: Ed Barthlemy, Gordon L. Boice, James B. Meek, James G. Miller, Charles B. Herring, Louis Kenneth Busch, Donald A. Simpson, John H. McDonald, Ralph W. Rensik, Dean Sheldon, and Richard D. Sawyer.

You can, as a veteran of World War II, obtain detailed information on "how, what and where" you can buy surplus government property, from an illustrated booklet just issued by the War Assets administration. The booklet explains to veterans how they can use their priority in purchasing for personal use many items now in short supply.

SDX to Sponsor Radio Roundtable

Tuesday evening's American Veterans Committee roundtable discussion over station KUGN will be sponsored by Sigma Delta Chi, national journalism professional professional fraternity.

Topic of discussion on the half-hour broadcast is "Responsibility of the Press in Slanting News." Participating will be Dean George S. Turnbull of the school of journalism; Dr. Howard R. Taylor, head of the psychology department and newly appointed dean of the graduate school; Jack Billings, managing editor of the Emerald, and Ted Goodwin. Moderator is Steve Worth, Oregon law student.

The KUGN roundtable discussion program begins at 8:15 p.m.

Dean to Attend Meeting

Dean George S. Turnbull of the school of journalism will attend the Saturday meeting of directors of the Oregon Newspaper Publishers association in Portland, returning to the campus Saturday evening.

Carl C. Webb, professor of journalism and manager of the newspaper association is also attending the meeting, having left the campus yesterday to attend both Friday and Saturday sessions.



SIDE PATTERN BOB WHITELEY

Somebody in yesterday's Emerald evidently got his card punched! The edition carried as much about "the boys" as news of Pearl Harbor, VE and VJ days, Eleanor Roosevelt's travels and the current report on General Stillwell's illness. The statement that former editor Lyle Nelson carried a "persuader" is the wrong answer to the \$64 question. Another Emeraldite had a big sag in his bag, not pore ole Lyle. Bank vaults . . . safety deposit boxes . . . secreted keys . . . the names of the members which supposedly are engraved on metal tablets, are probably a combination of Sanskrit and a little known Upper Ubungeese hieroglyphics, so that no one knows who is who . . . clandestine meetings in hotel rooms with secret scratches on the door make the Hesse Crown jewel subterfuge read like an Uncle Remus bedtime story by comparison. Today the freshmen are obviously confused, the co-eds are biting the Chen-Yu off their nails worrying if they will have a date in Portland after the game, and the old characters on the campus blew their morning cup all over the Side when they picked up the Emerald. Rollcall is probably taken on the patter of the tobacco auctioneer who goes LS-MFT . . . LS-MFT . . . Hi Ho Blmumneemegumnummum—at which everyone yells "present" and then takes a bite of cough syrup. Herb Penny's new theme song is "Cement Mixer." The genial proprietors of the Side, Jim and John, want to pass the word along to the stay at homes this weekend that the local hangout will be closed on Saturday. They like football too, and you can't work all the time. Miss O. Yevtich who shows lots of pom pom and boogar around the campus has ruined many a budding friendship when she put asterisks in front of the married men's names in the piggers' guide. Some of the campus gals had better get back in the Sadie Hawkins Day race . . . they've been chasing the wrong men. Remember your coffee and . . . it's always tops at the Side. You can saucer and blow it if you want to . . . they don't care. Spike those Stan Kenton at Jantzen rumors. He won't be there. Pd. Adv.

LET'S GO Dancing

After The Game
Gary Nottingham
And His Orchestra



"Breakfast in Hollywood" with Tom Breneman and Bonita Granville also "Faithful in My Fashion"



The Renegades with Evelyn Keys Plus

"Whistle Stop" George Raft



DANGER WOMAN BRENDA JOYCE

MY PAL TRIGGER with ROY ROGERS



Ernest Hemmingway's

THE KILLERS

with BERT LANCASTER



IN SPRINGFIELD

Make Mine Music

Walt Disney's



—Plus—

COURAGE OF LASSIE



"GAME OF DEATH" and "OVERLAND RIDERS"

DANCING
FRIDAY & SATURDAY NIGHTS
DANCING STARTS AT 9 P.M.
MUSIC BY ART HOLMAN AND HIS ORCHESTRA
WILLAMETTE PARK
• For Table Reservations—Springfield 326 •

Dancing 
ED CHENEY'S PALAIS ROYAL
W. BURNSIDE AT 21ST. AVE.

U of O and UCLA Football Dance
FORMERLY THE UPTOWN

★ MCKENZIE
IN SPRINGFIELD
Make Mine Music
Walt Disney's
—Plus—
COURAGE OF LASSIE
STATE THEATRE
"GAME OF DEATH" and "OVERLAND RIDERS"