Is That So! By Eugene Burns

EVER NOTICE the winey tas. of air after a passing thunderstorm? Or gotten a good whiff the tart "electric' air around dynamo? That's ozone, a deep bluish gas. In moderate amounts it is bracing; in stronger concentrations it irritates the nose and eyes and can be downright poisonous.

Percentage-wise, ozone is infinitesimal. Roughly, it consists of but one part to every ten million parts so of the earth's atmosphere. Gathered and subjected to the pressure and temperature of the earth's surface, it would occupy about one-tenth of one inch in thickness!

Yet this tiny fraction of our atmosphere has an effect upon our life altogether out of proportion to its bulk, which varies. In fact, it makes life on earth possible and it is so well proportioned in volume that should it be halved life on earth would disappear; doubled, life could not continue.

At the very bottom of the deep ocean of air in which we walk and breathe, precious little of this beneficent gas exists. Most of it is concentrated in a shell-like protective layer about 25 miles above the earth's crust—although from there on up, another 400 miles or so of atmosphere remain.

TO APPRECIATE ozone's value to life, one must first consider the sun's light. The sun, which has an area 12,000 times that of our earth, has a temperature of over 6,000 degrees—so hot that solids or liquids cannot exist upon it—and the amount of energy it radiates is fantastic. Within 16.6 minutes, it could melt a sphere of ice the size of our earth!

Because we whirl some 93 million miles away from this tremendous source of energy, we intercept only an infinitesimal portion of it but still it is claimed that the average amount received at our earth's surface is 646,000 horsepower per square mile!

Light, a form of this tremendous solor energy, bombards our earth constantly—and light is made up of rays which are both beneficial and harmful—harmful, that is, unless gentled. And this "gentling" is the life-saving property of ozone.

Most of the harmful rays seem be short, high-frequency ones, commonly known as the ultraviolet rays —and ozone, fortunately is a powerful absorber of them, stopping most. But yet, though of the ultraviolet waves trickle through to give us a sunburn and help manufacture Vitamin D which is so essential to health. As for the beneficial longer rays, ozone pays them little attention, passing them along freely.

The amount of ozone fluctuates from season to season and from latitude to latitude. That is because it is produced through the absorption of ultraviolet sunlight by oxygen and hence the heavier the bombardment, the greater the concentration of ozone.

THUS WHEN the sun's position is directly overhead (summer), and bombarding us with a maximum of rays, there is a deeper protective layer of ozone, and when the sun's rays slant down upon us and we get a smaller proportion of them, the ozone is less, as in winter. Also, as to be expected, the ozone is more massively concentrated over the equator than over the poles which get a smaller U-V bombardment.

The working principle is this: ozone consists of three atoms of oxygen which make up one molecule whereas oxygen consists of only two. Now, in this ozone layer, the air absorbs most of the U-V radiations and in doing so, it heats up to about 170 degrees. The bombardment together with the heat converts much of the two-atom oxygen molecules into three-atom ozone molecules. (Flashes of lightning, too, convert some oxygen into ozone—that is why the air often has that fresh electric smell after a thunderstorm.) In ozone, however, the third atom is embraced rather loosely by the other two and when the U-V bombardment ceases the two let the third go off and once again oxygen results.

Should you be thinking of making a space trip to Mars better take heed of the hazardous ultraviolet waves beyond the 25-mile ozone layer! A heavy coat of tan, of course, would help screen out some of the damaging rays but not nearly enough of them. After all, your tissues have developed beneath a sheltering air blanket and would probably not be able to take it—and there, poof, would go your return trip!

NOMINATION APPROVED

WASHINGTON (AP) — A Seante judiciary subcommittee Thursday approved the nomination of James Alger Fee, Portland, Ore., to Ninth Circuit Court of Appeals.

The nomination now goes to the full committee and then to the Senate.

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Charges Against Priest Brought By Girl Dropped

MACON, Ga. (AP) — Charges against a white Catholic priest of assault with intent to rape a 17-year-old girl are being dropped, Solicitor General William M. West reports.

The girl's father made the charges in a warrant March 4 against the Rev. Charles R. Vanavan of St. Peter Claver Catholic Church for Negroes. The girl told police the priest made improper advances while he was instructing her preparatory to her marriage.

West said he was dismissing the charges after conducting a full investigation and at the request of the girl and her parents.

He said that "from my investigation, I will say that apparently reliable persons have stated they were present in the house and the incident could not have happened."

He said the girl, whose identity is withheld by law, still insisted on the truth of her statement. But he said her parents told him she had a record of past conduct which would be brought out in any trial and probably would make a jury doubt her story.

ICC Overrules Protest Against Rail Rate Drop

WASHINGTON (AP) — Rep. Westland (R-Wash) said Thursday the Interstate Commerce Commission has overruled protests by various motor carriers against a reduction in rail freight rates for frozen food products.

He said the announcement of the commission's decision will be made formally later.

The reduced rates, which vary according to type of tariffs, go into effect Thursday, he said.

The reduction was agreed to by the commission last month, effective Thursday, but had been protested by the motor carrier industry.

Newport Radio Station On Air Following Fire

NEWPORT, Ore. (AP) — Radio station KNPT went back on the air at 6 a.m. Thursday, only 48 hours after it had been burned out.

But its return was with borrowed equipment which limited it to 250 watts of power.

Stations from throughout Oregon offered both equipment and technicians to aid in speedy restoration of service, Tom Becker, station manager, said. The transmitter now in use came from Albany.

Work of restoring the burned-out building is under way while operations are carried out temporarily in a small building nearby.

State Highway Commission Holding Out New Bate To Lure Tourists To Oregon

By PAUL W. HARVEY JR.

SALEM (AP) — Oregon's Travel Information Division, the branch of the State Highway Commission which campaigns to lure tourists to Oregon, is holding out new bait for these visitors.

Not content merely to tell the tourists that Oregon has the best scenery in the world, the travel Bureau is trying to prove there always is something to do in Oregon.

It has compiled a list of shows, fairs, sports events, local celebrations, conventions, and other kinds of entertainment.

This last contains the surprisingly high total of 323 events from April through September. So there is no reason why a tourist should get bored in Oregon.

The summary is of interest to Oregonians, too. The Travel Bureau hopes it might influence the natives to spend their vacations in their home state.

The highlights for April are the Medford Pear Blossom Festival and Portland Boy Scout Circus, both on the 24th, and the White Water parade on the rapids of the McKenzie River on the 25th. There also are several golf and ski meets.

May brings good news to fishermen. The trout season opens in streams on May 1, and in the high lakes on the 29th. The month also sees the start of a long series of rodeos. The first one is the Eastern Oregon Junior Rodeo at John Day May 15-16, and the All-Indian Rodeo and Wild Horse Auction at Tygh Valley May 22-23.

State high school baseball, tennis and golf championships will be held in Albany, Corvallis and Salem respectively, on the weekend of May 27-29.

Other top events are the Rhododendron Festival at Florence May 15-16, and the Fleet of Flowers at Depoe Bay May 30.

The Rose Festival in Portland June 9-13 is a main event of the year. There's a state trapshoot tournament at Medford June 10-13, followed a week later by a state amateur golf meet in the same city.

An interesting meal should be the buffalo breakfast at Sisters June 20. The menu: buffalo steaks, bacon and eggs, pan bread, potatoes and coffee.

Persons who like bugs might drop in on the Pacific Coast convention of the Entomolological Society of America in Bend June 22-24.

The July calendar is loaded with local events. Over the July 4 weekend, these are scheduled: Bend Water Pageant, Molalla Buckeroo, Klamath Basin Rodeo, Fort Dalles Frolics, Columbia County Centennial, St. Paul Rodeo, Rogue Rod and Gun Club Jamboree at Grants Pass, Ashland celebration, Enterprise Junior Rodeo, Paulina Amateur Rodeo, Burns Junior Rodeo, Rogue River Aqua Carnival at Gold Beach, and various fireworks celebrations.

The Astoria Regatta and Coos Bay Timberoo are scheduled for July 23-25. Stayton's Bean Festival is listed for July 27-31, and the Chief Joseph Days at Joseph will be held July 20-Aug. 1. If anybody's interested in Oregon's prettiest girls, he (or she) can go to the Miss Oregon Pageant at Seaside July 16-18.

August presents a fine opportunity to get some culture at the Shakespearean Festival at Ashland during the entire month.

Those whose cultural standards are somewhat lower can go to "Ten Nights in a Barroom" at the Panorama Playhouse at Bend Aug. 16-20. This playhouse runs most of the summer.

Grants Pass holds its annual Gladiolus Festival and Show Aug. 11-12, and the salmon derbies at Astoria and Warrenton being Aug. 30. Many county fairs run during August and September.

September brings two top events —the Oregon State Fair at Salem Sept. 4-11, and the Pendleton Round-Up Sept. 16-18.

And then there's the Pacific Flyway championship duck calling contest at Dayton on Sept. 18.

Nevada Judge Disqualifies Self In Editor's Case

LAS VEGAS, Nev. (AP) —Nevada's only federal judge has disqualified himself from hearing the case of a publisher accused of inciting "murder or assassination" of Sen. Joseph McCarthy (R.-Wis.).

Herman M Greenspun, who publishes the Las Vegas Sun, was indicted by a federal grand jury on a charge of mailing copies of his newspaper containing a column which, the indictment said, tended to "incite murder or assassination."

Greenspun appeared for arraignment Wednesday with his lawyer, Tom Foley, before Federal Judge Roger T. Foley.

"Tom Foley is, of course, my son," said the judge, "and all proceedings should be carried on by another judge."

He then granted his son's motion for an indefinite continuance. Greenspun is at liberty on his own recognizance.

Atomic Physics Used In Bark Beetle Study

SALEM (AP) — The Oregon Forestry Department is using atomic physics to study the habits of the destructive Douglas fir bark beetle, which causes more damage to trees than forest fires.

The beetles will be fed radioactive isotopes in a glucose solution. This will make it possible to follow their wanderings through the trees by use of Geiger counters.

The object of the study is to find out how far the beetles fly, how they disperse to attack other trees, and their other life habits.

After being fed their atomic meals, the beetles will be released in the center of 400-foot check plots in the timber country. Each plot will contain all kinds of felled and burned trees, logs, and other kinds of wood which tickles the insects' palates.

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GARDEN VALLEY ROAD AT THE VETS ENTRANCE

Author Sentenced For Defamation

MILAN, Italy (AP) — Giovanni Guareschi well-known author of "Don Camillo" stories, was sentenced Thursday to a one-year jail term for defaming ex-Premier Alcide de Gasperi in his satirical magazine.

Guareschi printed in his weekly "Candido" what he claimed was a photostatic copy of a letter written by De Gasperi in 1944, asking the Allies to bomb Rome to promote an anti-German uprising.

De Gasperi said the letter was faked and sued the mustachioed author-editor for defamation. He asked one lire damages.

The tribunal in addition to sentencing Guareschi to jail, ordered him to pay 100,000 lire ($160) fine, 200,000 lire ($320) court sentencing Guareschi to jail, ordered him to pay 100,000 lire ($160) fine, 200,000 lire ($320) court costs and the one-lire damages.

Guareschi was expected to appeal the sentence.

The editor's two books of short stories about the anti-Communist priest Don Camillo and the Red mayor of his town have brought him a wide audience in Italy and abroad. A movie made from the stories, starring the French comedian Fernandel, now is playing in the United States.

Spectator At House Turns Over Artillery

WASHINGTON (AP) — "I guess I better check my artillery here," said the visitor to the spectators' gallery of the House of Representatives.

"I think you should," said the startled guard, W. F. Bryson, "you might create a little excitement if you went in there with that thing."

With that, nine-year-old Roy Palmer handed over a toy wood pistol—with five notches on it. Then the Cleveland, Ohio, boy went into the House chamber—where five congressmen were wounded March 1 by a wild outburst of pistol fire from Puerto Rican fanatics.

EXECUTED

TUNIS, Tunisia (AP) — Hedi Ben Brahim Djeridi was executed Wednesday for the assassination of Prince Azzedine Bey, heir to the throne of this French North African protectorate. The prince was shot dead July 1, 1953. A French military tribunal convicted Djeridi last Sept. 28 and sentenced him to death.

WRESTLING
SATURDAY NIGHT AT THE ARMORY
NEVER BEFORE in Roseburg Wrestling History—
Best 2 of 3 falls or 1 hour limit
Six Man Australian Tag Team Match—
Luther Lindsey, Pepper Gomez and John Henning
vs.
Kurt von Poppenheim, "Killer" Kameroff and Buck Weaver
The fans feel that Gomez and Henning deserve another chance. Promoter Owen decided to make it a six man tag match—don't miss it.
There will be two prelims on this card.
Matches under supervision of Roseburg Wrestling Comm.
FIRST MATCH STARTS 8:30 P.M.

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KODAK PONY 828 Was 31.15		29.50
KODAK BROWNIE HOLIDAY Was 4.75		3.95
BROWNIE MOVIE 8 CAMERA 2.7 lens	was 39.50	37.50
BROWNIE MOVIE 8 CAMERA 1.9 lens	was 49.50	46.75
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It's the thrill of this month or any month—and we cordially invite you to try it, at the wheel of a Buick CENTURY.

Whether or not you are ready right now for a new car, we'll be happy to have you join the Thrill Of The Month Club—just by taking a demonstration drive in a 1954 CENTURY.

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