

Comet Arend-Roland Will Be Visible In Early March

By FAY BENTLEY
 Would you like to see a comet? Well, you will see one in the early part of March there is just such a treat in store for sky-minded individuals, when Comet Arend-Roland will be observable low in the southwestern sky soon after sunset.

Of course, we will be able to distinguish the individual rocks which will revolutionize the present. In appearance the comet will resemble a small moon with a general appearance of being out behind it.

Zooming in from the outer space to encircle our earth, this comet will be a different sized solid material and gases will arrive at perihelion on the point of its orbit opposite the sun. At 8, 1897, the proximity to Old Sol, 29.7 million miles on April 8, will cause the lesser light of the comet to be submerged in the sun's blinding glare during the greater portion of the month of April.

Exploration Tunnel Completed in Coos County Coal Field

Portland — (U.P.) — Another exploration tunnel has been completed in the Eden Ridge coal field of Coos county where Pacific Power and Light company has a combined steam-electric and hydro-electric under study, the firm said Saturday.

The company said the work of mapping the extent of the coal field and initial sampling of two seams of coal under investigation would be stepped up in the spring. Core-drilling and tunneling work was centered on the more accessible east and south slopes during winter months.

PP&L said two drilling rigs had started field work on the east side of the proposed structure. A survey crew also has been assigned to map the reservoir area of the dam and topography in preparation for design of the dam.

Samples of the sub-bituminous coal removed from the latest tunnel have been sent to laboratories for analysis.

The firm said its exploration covered more than 5000 acres. The proposed development would combine a 100,000 kilowatt or larger steam electric plant, to be located near the mine-mouth, and a hydro plant of at least 67,800 kilowatt capacity. Site of the dam on the South Fork of the Coquille river would be about 23 miles south of powers. The hydro-electric power plant would be located on the opposite side of Eden Ridge from the dam and would be fed by a tunnel through the mountain.

leaves a trail of smoke behind it. These gaseous tails, many millions of miles in length, are always on the opposite side of the comet's head from the sun, thus causing the tail to sometimes be behind and sometimes in front of the head.

Ancient people were filled with fear of the approach of a comet and the more spectacular the comet the greater their fright.

"Lord, save us from the Devil, the Turk, and the Comet," was a prayer added to the service of European churches during the 15th century when Halley's Comet was in the sky.

Feeding the Family

By IOLA VINCENT
 Food Editor

Baked Tomatoes with Cheese
 Fresh tomatoes may not be exactly a bargain right now, but a very good dish which will bear repeating many times:
 2 cups cut-up tomatoes
 1 green pepper
 1 thin slice white enriched bread
 1/4 pound processed American cheese cut into slices
 1/4 cup sour cream
 1/2 teaspoon butter or margarine
 1 teaspoon Roux
 Salt
 Chopped parsley or dill
 Shred the pepper; blend sour cream with the flour. In a greased baking dish place two slices bread; then a layer of tomatoes and pepper; sprinkle with salt and parsley or dill; then a layer of cheese. Repeat creaming top layer bread. Pour cooking mixture over top; dot with butter; bake uncovered in moderate oven, 350 degrees, about 30 minutes.

Consommé with Omelette
 This salad dressing first appeared as a western favorite five or six years ago; has been gaining in popularity right along. Good on any mixture of greens, it is really superb with fresh tomato salad and on aspic.
 1 1/2 ounce jar Roquefort-type cheese spread
 1 3-ounce package cream cheese
 1 cup commercial sour cream
 1/4 cup California sherry wine
 1 tablespoon grated onion
 Grated garlic or garlic powder to taste
 1/2 teaspoon paprika
 Salt to taste
 Combine all ingredients, beating until smooth. Cover and chill several hours to blend flavors. Makes about two cups dressing. Will keep well, but is not likely to last long because family will keep sampling it on crackers every time they pass the refrigerator.

Spiced Mocha Chocolate Milk Drink
 "Hot chocolate" fans both young and old will soon make this a favored beverage.
 For 2 1/2 quarts heat two quarts bottled or carton chocolate milk. Add four teaspoons instant coffee powder and stir until dissolved. Beat one cup heavy cream until slightly thickened; add one tablespoon sugar, one-fourth teaspoon each of cinnamon and nutmeg, and beat until stiff. Pour hot chocolate mixture into serving cups; top with whipped cream mixture. Jellied Fruit Compote Distinctive Light Dessert

Such a delightful combination of fruit flavors in this fruit compote using quick-frozen mixed fruits in combination with black cherry-flavored gelatin.
 1 package black-cherry-flavored gelatin
 1-1/3 cups hot water
 1 package quick-frozen mixed fruit
 Dissolve gelatin in hot water. Take fruit from freezer (do not thaw before using) and add to gelatin; stir until fruit thaws. Pour into mold and chill; stir two or three times until gelatin begins to set in order to distribute the fruit. Chill until firm. Unmold. Serve plain or with sweetened whipped cream. Makes four to six servings.

Branded Fruit Sauce A delightful and exotic fruit sauce comes into being when you add one or two tablespoons of brandy or Cointreau to a package of quick-frozen mixed fruit which has been thawed. Spoon over rich vanilla ice cream for a real treat.

Two-Tone Brownies
 These two-toned two-flavored, candy-like cookies are chewy and wonderful.
 2/3 cup sifted flour
 1/2 teaspoon double-acting baking powder
 1/4 teaspoon salt
 1 cup sugar
 2 eggs, well-beaten
 1/3 cup melted butter or other shortening
 1 1/2 squares unsweetened chocolate, melted
 1/3 cup tender-thin flaked coconut
 1/2 teaspoon almond extract
 Sift flour once, measure, add baking powder and salt; sift again. Add sugar gradually to eggs, beating thoroughly. Add shortening and blend. Add flour mixture. Turn one-fourth of batter into a small bowl. Add chocolate to remaining three-fourths batter and spread evenly in a greased 8x8x2-inch pan. To remaining batter, add coconut and almond extract. Drop by teaspoons over batter in pan; then spread carefully to form a thin, even layer. Bake in moderate oven, 350 degrees, 35 minutes, or until done. Cut in squares. Remove from pan and cool on cake rack. Makes two dozen brownies.

Suggestion: If desired, increase coconut to three-fourth cup and stir into batter before dividing.

Hothouse Rhubarb, Asparagus, Lamb Harbinger of Spring
 It may seem cold and dreary, but "spring is just around the corner" from the looks of the hothouses rhubarb and fresh asparagus appearing in our markets. Not exactly inexpensive, we'll admit, but so good! Botanically speaking, rhubarb is a vegetable, but we use it as a fruit. Select rhubarb that is crisp, fresh appearing and of

Is That So?

By EUGENE BURNS
 Ranger-Naturalist

The mammalian mother's responsibility does not end with bearing the offspring. In addition she must protect her helpless young.

Apparently she does this today because in times past she has done a more dependable job than the carefree male. And so, she has been added with this additional task.

In a sense, saddling the mammalian female with this added responsibility of protecting the helpless young seems rather curious. As with all females, she has lost weight and strength in the process of giving birth. Besides, she is usually smaller, weaker, and less well equipped with protective devices such as horns and antlers than the stalwart male. Yet, with few exceptions, the male father goes about his carefree way, seldom even recognizing his offspring and more than ready to devour them should the opportunity offer.

Even in the exceptional cases where fathers may help mothers protect the young, the major share devolves upon the female.

When danger threatens the brood, some otherwise extremely timid mammalian mothers will fight as though possessed. Even mice. Other females like the dove may resort to cunning, luring the intruder away. Should a dog get on a mother raccoon's trail, she will deposit her brood in the nearest tree, and then, even though wounded, dash away. Only after she has thrown the enemy off will she return to her family.

While nursing, some mothers elect to remain close by their helpless young even if they themselves must go without food. Among these are the big horn and mountain goat. Despite the paucity of food, they usually go into the vastnesses

of the higher mountains to give birth, for here they can keep their young safe from predators. It is not unusual for these nannies to go without water and food for several days until their charges are mature enough to join up with the group.

Uses Art of Decey
 Not only will she sometimes fight against terrifying odds to protect her brood, but she will also at times use the art of decoy, leading the enemy away. At Yellowstone, an elk cow was observed working on a pair of grizzlies who had approached dangerously near to her hidden calves. Despite the fact that the bears were much heavier and considerably more powerful, she gave a sharp bark of distress which warned her youngsters. Dutifully, they "froze." Then, after waiting until the grizzlies were within 30 feet, she dashed away leading them off. Almost an hour later, the wily mother returned from another direction to feed her twins.

Although it is rather rare, some mammalian mothers summon the herd when danger threatens. Should a polar bear appear, the mother walrus screams for help and the whole herd of clumsy giants may respond. Another far-north mammal, the musk ox, will fight in a group to the death to protect young, or themselves.

Will Answer Call
 Many mammalian mothers will come to the aid of their young should they give a call of distress. The timid flying squirrel is one of these, even if the intruder should be a human. On one occasion, a lumberjack took the young from a tree which he had felled. To retrieve them, the flying squirrel mother climbed up the human kidnapper's clothing and one roller offering away one by one. Rolling each baby into a ball, she grasped it in her teeth gently by the slack skin of its belly, and climbed a nearby tree. From this she glided for a few hundred feet to another tree where a cavity offered her family a new home.

Extremely rare among mammalian mothers is the ringed seal who will deliberately abandon her young whenever danger threatens—in fact, she may be



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Forecasting Uncertain
 People "in the know" feelled us that forecasting a comet's brightness is a notoriously uncertain piece of business and that many examples can be cited of "Great Comets" which failed to make an outstanding appearance in the sky. However, at the present time the Comet Arend-Roland gives every evidence of being a great astronomical show.

Should it continue to follow the normal pattern of development the comet may again be visible by the middle of April but this is doubtful as it may be too near the sun for easy observation. But though it proves to be unobservable in April, we can count on its reappearance during the first part of May when it will be low in the northeastern sky at the end of evening twilight.

As the comet travels away from the sun its magnitude diminishes and during May is expected to be about third magnitude or somewhat less bright than the North Star which is a second magnitude star. The comet's period of naked-eye visibility may last for approximately three months.

Discovered in 1899
 Comet 1899 was discovered by Mr. S. Arend and Mr. M. Roland of Uccle Observatory in Belgium, on Nov. 8, 1939, by means of photographs. Since that date astronomers in observatories located in Great Britain, Greece, Spain, China, Czechoslovakia, Denmark, Finland, Germany and the United States have been taking position measurements of its track.

Different astronomers, working independently, have used the results of the position measurements to calculate the path which Comet Arend-Roland will follow, and find that they agree surprisingly well in the results obtained.

Where do comets come from?
 That is really a sixty-four dollar question!

"They are the results of eruptions thrown out by the sun," states one theory. Other similar theories are advanced, but they all add up to one conclusion; no earth-dweller actually knows.

Very Greatly in Size
 Though they are the largest units in the solar system, comets vary greatly in size. The diameter of the head may measure from 18 thousand to more than a million miles. The solid particles or nucleus contained in the gaseous head may occupy a space from 400 yards to a thousand miles in diameter.

As a comet speeds towards the sun the pressure of the sunlight causes a tail to extend out from the head much as a locomotive

Great Decisions Voters Propose Policies for U. S.

Voters in the Great Decisions program in Jackson county were evenly divided on how U. S. policy in Europe should be guided, results of the second Great Decisions balloting here indicated.

Of the 44 Great Decisions groups submitting opinion ballots on U. S. policies of all-out war is remote. Therefore if East and West can reach agreement on military problems it may be easier to reach a political settlement.

Other Votes
 An equal number voted for the following philosophy: "If we deal with Russia from a position of strength and are willing to compromise on some things and hold out on others, we can eventually reach an understanding with Russia."

Second question appearing on the ballot asked what the U. S. should do in its relations with Britain and France.

Of the total ballots submitted, 47 per cent favored realizing that Britain, France and the U. S. have the same basic objectives; but we should consult closer on methods (through NATO). A vote of 45.5 per cent favored no change in U. S. policy against use of force, but try to patch up our differences with Britain and France as fast as possible.

Third Question
 The third question asked what the U. S. should do to meet any Russian military threat.

Of the total ballots, 58.9 per cent said, "Recognize that the West can not match communism strength man-for-man but that NATO and U. S. power of retaliation will keep Russia from attacking us. Continue to build NATO and keep the door open for negotiation with Russia."

On the question of German rearmament, 35.5 per cent favored following the present policy; insist on all-German elections and a united Germany's right to join NATO or stay out.

Offering to negotiate with Russia on a reunited neutral Germany was favored by 31.2 per cent.

WEATHER By United Press
 Northern California: Partly cloudy Sunday; scattered light showers or snow flurries in Sierra and near Oregon border. Little change in temperature.

THEFT FROM RESTAURANT REPORTED TO POLICE

Theft of about \$47.16 from Jack's Drive-Up restaurant, 211 North Riverside ave., Medford, was reported Friday by Myron Edward Shafer, 16, an employe at the restaurant, according to city police.

Officers said the building was entered by a window which was broken near a rear door where the lock could be released. The cash register was forced by a sharp object, police said.

Carl Herman Wiltmeyer, owner of the restaurant, said the theft occurred sometime between 4 and 4:30 a.m. Friday, police reported.

The only mother to give birth to a cub, the cub's mother is so terrified that she will push off at the first sign of danger, leaving her helpless young behind her. And so, there are other closely related species, such as the horned owl, which will fight to the death to protect their offspring. This is the rule.

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The human body comprises a system of 206 bones which are held together and moved by 600 muscles.

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