

Team of Scientists Announce Discovery Of Element 102

Chicago—A team of scientists proposed that the new element be named Nobellium, after the Swedish institute where the actual work was performed.

The institute is named in honor of the Swedish chemist, the late Alfred Nobel.

Argonne provided the rare isotopes of curium used in the experiments. The curium was sent to Harwell where British scientists prepared the material for the experiments.

Carbon 13 Provided

Harwell also provided a rare isotope of carbon—carbon 13—which was used to bombard the curium particles.

The Nobel institute provided the cyclotron in which the discovery was made. In addition to some special equipment and a staff of physicists, chemists and technicians.

The research team said discovery of the element and a study of its properties has extended science's fundamental knowledge of matter.

Winston M. Manning, director of Argonne's chemistry division, said this was the first time any of the artificially-created elements had been discovered by an international research team. American and British scientists.

Three Accidents Reported in City

Three traffic accidents were reported in Medford Monday, according to city police. No injuries were reported in any of the accidents.

A car operated by Samuel Gene Bell, Ashland, struck a parked car registered to the Dairy Queen, 450 South Central ave., Medford, on South Riverside ave. between Main and Eighth sts., police said.

An accident occurred at North Riverside ave. and Jackson st. involving a log truck operated by Clifford Lee Maddox, Ashland, and a car operated by Howard Warren Mather, 609 North Riverside ave., officers reported.

A car operated by Stanley Carlton Schoen, 101 Crater Lake ave., Medford, struck a parking meter on North Grape st. between Fifth and Sixth sts., police said.

County Court Displays Visitors Register

The county court this week is displaying the official visitor's register which was a feature of Jackson county's exhibit at the Lewis and Clark Centennial Exposition held in Portland in 1905.

Contained in the large volume are names of numerous Jackson county residents as well as residents elsewhere in the northwest. The book was supervised at the exposition by David H. Jackson, who was sheriff here at that time.

On July 4, the register was presented to the county court by Charles W. Koyl, administrator in the estate of Minnie Berice Jackson Koyl of Ashland. Mrs. Koyl was Jackson's daughter and once was owner of the book.

Late this week the court plans to turn the register over to the Jacksonville museum.

Two Grass Fires Are Reported in CP

Central Point—Two grass fires were reported today by Central Point firemen. Neither of them was serious.

The most recent occurred at 6:10 p.m. yesterday on Glenn Way within the city limits. Police Chief Wallace Bowen said this morning. Two trucks were sent from the fire department. The fire was extinguished before much damage resulted. Cause was attributed possibly to children playing with matches, Bowen said.

An earlier fire occurred Sunday on the Snowy Butte road at the south city limits of Central Point. Little damage resulted. Bowen said children playing with matches may have been the cause.

Bowen added that none of the fires occurring so far this fire season have been serious. However, he cautioned Central Point residents to be careful of trash burning and to keep matches away from small children.

Gov. Holmes Signs Mining Resolution

Salem—Gov. Robert D. Holmes today signed a western governors' resolution calling for a national policy on minerals aimed at keeping the domestic mining industry economically healthy.

The resolution is based on recommendations of the governors' mining advisory council at the Western governors' conference in Reno last April.

It asks Congress to "rectify the errors in past tariff reductions by the imposition of import control, so that the ratio of domestic production to domestic consumption shall not fall."

"Unless the United States producer is assured of a fair share of the domestic market, he cannot justify continued operation," the resolution reads.

Antares Thought by Some To Be Largest of Stars

By FAY BENTLEY

"What is the name of that beautiful red star in the southeastern sky?" a friend inquired recently. "I've seen it every clear night for several weeks."

The star which had engaged the speaker's attention is Antares, thought by some astronomers to be one of the largest stars ever measured. Its diameter is approximately 330 times that of our sun, or about 285 million miles.

Red Antares, twinkling madly, low in the southeastern heavens, is the Alpha or brightest star in Scorpio the Scorpion, most magnificent of all the summer constellations and second in magnitude to brilliant Orion of the winter skies.

Antares, a double star, marks the heart of the Scorpion. Because of its color ancient people chose for this celestial beauty a name meaning "rival of Mars." But although the reddish hues of the planet Mars and the star, Antares, are similar, the scintillating light rays from this giant sun could never be mistaken for the steady glow of the "god of war."

Mars may now be seen low in the west for a short time after sunset as an inconspicuous second magnitude object. By the middle of August the red planet will be too low on the horizon for easy observation.

During the last half of July all five "naked eye" planets will be observable in the twilight sky. Venus, Mars and Mercury will adorn the western horizon for about an hour after sundown. Jupiter, in the southwest is higher in the sky than the three mentioned above, and will be visible for three hours after sunset. Saturn, just above the red Antares, sets shortly after midnight.

In order of brightness these five planets will be: Venus, Jupiter, Mercury, Saturn and Mars. Venus, of course, leads in magnitude. The non-twinkling light of the planets will distinguish them from the stars.

The Scorpion is unique among the sky pictures in that it truly suggests the object for which it is named. It is a very old constellation; carvings of the Stone Age show that it was known during that era.

According to one legend this is the scorpion that frightened the horses hitched to the sun chariot which Phaethon was trying to drive across the sky. The high spirited animals had become almost crazed with fear while passing the Bears, the Bull and the Lion. To see a scorpion lashing its terrible tail was the "last straw." Completely unmanageable, they overturned the chariot and Phaethon fell into the River Eridanus.

Scorpion Stings Orion
Another myth tells us that the Scorpion stung Orion the Mighty Hunter to death and for this reason these two beautiful constellations cannot be seen in the heavens at the same time. To prevent further trouble, Juno wife of Jupiter, placed Orion in the winter sky, while Scorpion is visible during the weeks of summer.

To find this brightest of summer constellations look to the southeast as soon as it is dark. Not far above the horizon the madly twinkling red Antares will attract your attention. As mentioned before, this is the "heart" of the Scorpion. About

equally distant on each side of Antares lies a yellow star. The line of three "celestial candles" is easily distinguished.

A line of five yellow stars to the right or west of Antares, lying nearly at right angles to the three mentioned above, represent the giant front claws of the creature. This part of the Scorpion is much the shape of a fan.

On the left or east of Antares the back of the scorpion curves downward towards the bottom, then up to form the arrow-shaped sting. It is often difficult to see this portion because of cloudiness or haze near the skyline, but the fan-shaped part of this sky picture is visible on any clear night during the weeks of summer.

Bobcat Disrupts Power

Klamath Falls—An electrical service along about 25 miles of Copco lines was disrupted early today when a bobcat climbed a power pole on a ranch and stuck its paw into a switch designed to cause a cutout in case of emergency. The bobcat lost its life.

Weed Plywood Plant Fire Causes Damage

Weed, Calif.—An early morning fire at the plywood plant of the International Paper Company's Long Bell division today caused an undetermined amount of damage.

The blaze broke out about 5:15 a.m. and was under control by 7 a.m. It was confined to the number two dryer, unfinished plywood products and nearby motors.

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