

EARLY SPOTTING OF DISEASE NEEDED

Cancer Detection Problem: Not Enough Doctors for Job

Portsmouth, N. H., Sept. 13 (AP)—It would take all the nation's doctors, doing nothing else, just to check everyone each year for cancer.

Such checkups would find almost all cancers, and find them early enough when most could be cured. But our doctors wouldn't have time to treat anyone for cancer or anything else.

This is the dilemma of cancer detection as presented to 60 national experts today by the American Cancer society.

The experts today are attending a three-day conference to determine the most effective methods of finding cancer early and surely.

It is estimated that 22,000,000 Americans now alive will die of cancer unless present detection methods are improved or new treatments for cancer discovered.

The biggest need now is for some simple test to spot cancer early, even in hidden, hard-to-find sites. This conference opening today will discuss the value of many proposed or possible methods of doing this.

Right now detection centers can't be anything more than part of the answer of finding cancer early, society officials said. A thorough examination of one person takes about an hour's time.

Cancer authorities say that to play safe every person should



troubles and are referred to their own physicians for treatment of these disorders.

Boy, 12, Asks Question of Interest to Star Gazers

By J. HUGH PRUETT

Astronomer, Extension Division, Oregon Higher Education System

A 12-year-old boy who reads astronomy avidly asks if the newly-announced asteroid which gets nearer the sun than Mercury may not be the recovery of the planet Vulcan, supposedly discovered and lost during the latter part of last century, and about which much was then written.

Mercury had long been considered the innermost of the solar retinue of worlds. In 1857 however, a mysterious black object somewhat unlike a real sunspot was reported moving across the sun's face by the French amateur astronomer, Rev. Le Carabault. It was later decided that a new planet inside Mercury's orbit had passed between us and the solar disk. This was a fascinating idea, and others soon thought they glimpsed the same or similar bodies.

The problem was taken up by the great French mathematician Le Verrier of Neptune fame. He concluded that a certain irregularity in the orbital motion of Mercury required a planet still nearer the sun for its explanation. Mercury encircles the sun in 88 days. Le Verrier calculated that the new planet must make the round trip in 20 days, surely a short year. Someone named it Vulcan after the old Roman god of devouring flame, for anything so near the fiery sun was subjected to terrific heat.

Finally on July 29, 1878, while the sun was completely blacked out by an eclipse, the astronomers Watson, Paine and Swift were sure they saw not far from the darkened sun, a shining body which was definitely not any known star. It seemed that Vulcan had been discovered in a position which removed it from the category of "mistaken sunspots." In fact, they believed they saw two Vulcans.

Many astronomers became certain of Vulcan's existence. At the various eclipse camps in

Hawaiian Dock Strike Talks Begin—Trying to find a solution for the paralyzing prolonged Hawaiian dock strike, union officials, representatives of management and U. S. conciliation and mediation service, have begun talks in New York City. (Left to right, seated) are: William Glazier, Washington representative of International Longshoremen and Warehousemen's Union; Harry Bridges, head of the union; William Margolis, assistant director of the U. S. mediation board; Cyrus S. Ching, head of the U. S. board; George L. Hillenbrand, of San Francisco, commissioner for U. S. mediation service; W. Russell Starr, chairman for management negotiators. Standing (left to right) are: H. M. Robinson, Ralph Van Orsdel, Howard C. Babbitt and John Murphy, management negotiators. (AP Wirephoto)

yon Mars. This round trip requires 13 1/2 months. Is this the Vulcan of last century rediscovered? To the present writer it does not seem at all probable.

Hailstones are made of layers of compact snow and ice, which are built up through the freezing of rain drops and successive gatherings of coatings of snow and frost.

California for the total solar event of January 1, 1889, attempts were made again to see Vulcan, but without success. Then the belief grew that the earlier observers were mistaken. Finally Prof. Young of Princeton wrote, "It seems practically certain there is no Vulcan." It has escaped detection during the present century.

The recently discovered asteroid, known so far as Baade's object, or 1949 M A, moves not on a circular orbit but on a long narrow oval. From the calculations of Dr. Leland E. Cunningham of the University of California, recognized the world over as an expert computer of planetary and cometary paths, Baade's object when nearest the sun is only about 17,000,000 miles from it. (Mercury never gets nearer than 28,600,000 miles.) After swinging around the sun, it starts outward, passing near the orbits of Mercury, Venus, Earth and Mars, and does not turn sunward again until well out be-

Justices to Be Pallbearers

Washington, Sept. 13 (AP)—Justices of the supreme court will serve as honorary pallbearers tomorrow at the funeral of their former colleague, Wiley B. Rutledge.

The services will be held at All Soul's Unitarian church here with the Rev. A. Powell Davies officiating.

Rutledge died of a cerebral hemorrhage Saturday night at York, Me.

The court's newest member, Tom C. Clark, will fly to Washington for the funeral from California where he has been vacationing. Justice Felix Frankfurter will come here from Maine. Only Justices Stanley F. Reed

and William O. Douglas have indicated they will be unable to attend the services.

British Health Plan Studied by Solons

London, Sept. 13 (AP)—Britain's socialized medicine program has been getting the attention of 16 U.S. congressmen.

The group came here to study the British and other Euro-

pean health plans in the light of President Truman's proposed federal health service. They spent yesterday talking to Health Minister Aneurin Bevan and other top officials.

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Snappy Discovery — Dave Eakin, 10, (left) and Stanley Sharp, 8, both of Berkeley, Calif., display cartons containing 15,000 balls of bubble gum which they found while playing in a vacant lot. The supply would probably last David and Stanley several years had not their parents called the police who are investigating. (AP Wirephoto)



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