

Music is Manly Science, Bandmaster Demonstrates

New York — (U.P.) — A mathematical equation becomes a musical composition when bandmaster and composer Paul LaValle starts demonstrating how music is a manly science as well as a fine art.

As conductor of the Cities Service Band of America and the nation's leading bandmaster, LaValle talks each year to thousands of young people who are taking part in the biggest revival of the brass band in history.

He explains the revival as part of "the nostalgic era" in America today, as compared to the jazz era of the Twenties and the swing era that followed the depression.

The musical mathematics LaValle explains as a sure fire fascination to students who regard practicing an instrument as "sisy" compared to following the footsteps of Albert Einstein.

"There are eight million young people playing in school bands in this country," LaValle said with obvious satisfaction. "This is the highest figure in history. Anything that can be done to encourage more to take part is worthwhile."

Besides getting musical training, those students have a wonderful hobby to keep them busy after school. The teenagers who join those hysterical stage door mobs for romantic singers or who become juvenile delinquents are the ones who have nothing to do when school is out.

With that he began writing a series of figures on a pad in his Rockefeller Center office, which is filled with stacks of band music and pictures of student bands

LaValle has conducted in almost every state.

"Bach was one of the world's greatest mathematicians," the bandmaster commented. "The basis of any art is mathematics. In fact, the study of the universe is based on mathematics."

He finished writing the algebraic ratio of four to three, then quickly drew a musical scale to show how the series of numbers in the ratio could be translated into musical rhythm.

The numbers first became a rhythm, then were used to measure up the scale in semi-tones to make the melody. When he was finished, LaValle then quickly hummed the melody.

"I don't say that music is composed this way," explained the musicians, who has composed much music himself, by the un-mathematical method. "But it is possible to create very interesting effects this way."

LaValle's own compositions are extremely varied, including "Symphonic Rumba"; "U. S. Overture"; "Band of America March," and a musical satire called "Concerto Piquante for Licorice Stick." The latter was composed while he was conducting the "Chamber Music Society

Seven Communicable Disease Cases Listed

Only seven cases of communicable disease were reported to the Jackson county health department for the week ending June 28, according to the department's weekly bulletin.

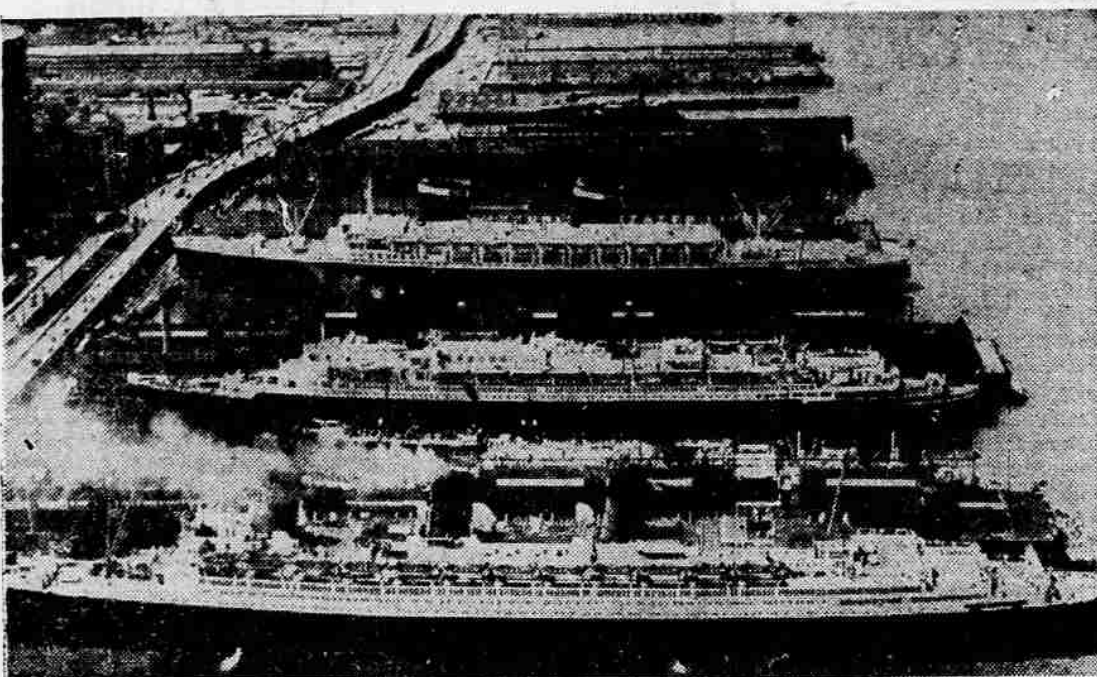
The cases reported, all of which were in Medford, included six of German measles, and one of trench mouth.

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THE WORLD'S LARGEST—Three queens of the sea find themselves docked side by side in New York's North River. Representing the maritime prides of three nations, the vessels (bottom to top): Queen Mary, England's largest ship; the France, France's biggest, and America's newest and largest, the United States. The United States will start her maiden voyage across the Atlantic July 3.

A Nichols' Worth of Comment On This and That

BY HARMON W. NICHOLS
United Press Feature Writer



Harmon Nichols

Washington — (U.P.) — A smart back it goes, and she'll give you the day of the week.

Before she left India for a two-year trip through Europe, she had finished her sophomore year in college. She specialized in physics, chemistry, and mathematics. She failed in English, twice.

Shakuntala Devi, a mathematical wizard from India, took one look at the big figure and said:

"That's easy, Mister. The answer is 71."

The 21-year-old Indian girl has just returned from a tour of Europe where she astonished many minds with her genius. The other day, before she held her first press conference in this country, she stumped university mathematics experts in the Washington area.

She extracted cube roots of eight and 10 numbers in less than a second, and performed unusual multiplication feats—all without pencil or paper.

Tell her your birthday and the year—no matter how far

back it goes, and she'll give you the day of the week.

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Many 4-H Members Eligible for Camp

All 4-H club members in Jackson county who have their work up to date are eligible to attend the club's summer camp Greyback which will be held from July 28 to August 2, according to County 4-H Agent, R. H. Cate Jr.

Cards have been sent out to members, according to Cate, and must be filled out and returned to the county agent's office by July 16. He pointed out that the camp is primarily geared for club members in the nine to 14 years age bracket.

Camp activities this year will include swimming, hiking, natural crafts, cookouts, a sleepout and other activities, the agent pointed out.

The camp is located 10 miles southeast of Cave Junction on the Oregon Caves highway.

County Road Oiling Delayed, To Resume

Light oiling of Jackson county roads, which has been held up by rainy weather for a week, was resumed yesterday, according to County Engineer Paul Rynning. The work is expected to be completed by tonight.

Heavy oiling will be started right after the Fourth of July, the engineer added. Work has been continuing, despite the rain, on the ditching and grading of the Old Stage road from Scenic drive to near Gold Hill, he said.

Giant Burro Derby To Feature Jubilee

Jacksonville — A feature of the annual Jacksonville Gold Rush Jubilee, scheduled for August 2 and 3, will be a "Giant Burro Derby," Ed Rooney, who is in charge of the event, stated today.

Special prizes will be awarded to winners of running, harness and packing races, Rooney said. He urged owners of pack or stock animals to enter the event well in advance of the start of the jubilee.

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NO QUORUM

Lincoln, Neb. — (U.P.) — A Republican Party farm council meeting of the eastern half of the first congressional district was adjourned quickly here when only one man showed up. He was Paar Young of Nehawka, Neb., which isn't in the district.

NEED WHAT TO QUALIFY?

Chicago — (U.P.) — Three major constitutional requirements for presidential and vice presidential candidates: natural born citizen; must be at least 35 years of age and a resident of the United

States for 14 years.

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Excavation Reveals New Indian Culture

Mexico City — (U.P.) — Excavation for a water system has led to the discovery of a new Teotihuacan Indian culture, entirely separate from the ancient Toltec temples and pyramids north of here at San Juan Teotihuacan.

The Mexican national school of anthropology said the "important discovery" has been made in one of Mexico City's residential suburbs and indicates the Toltec Indians at one time inhabited the lower lake region which engulfed the present site of this capital.

A small shrine and several small buildings were uncovered in the underground parts of the structures 30 bodies and Toltec pottery were found.

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