



Teachers' Traits Subject of Study By Californian

Los Angeles—(Science Service) — The significant personality traits of teachers are probed in an eight-year study just published by the American Council on Education entitled "Characteristics of Teachers."

The author, David G. Ryans, collected information on the traits of 6,000 teachers in 1,700 elementary and secondary schools while professor of education at the University of California, Los Angeles.

In one of the major studies, Ryans, who now heads the department of educational psychology at the University of Texas, found that teachers who rated highly in their classroom performance, generally thought well of other people's behavior and motives. Interest in literature.

They also showed strong interest in literature and the arts, participated in school and outside activities, and considered themselves ambitious and initiators.

By contrast, teachers rated low were on the average more critical of others, emphasized exactness and "practical things," and preferred activities which did not involve close personal contact.

Comparing the characteristics of women and men teachers in secondary schools, Ryans found that women tended to be more friendly and responsible, stimulating and democratic, while the men were more stable emotionally.

Single teachers, both men and women, rated higher in responsible, business-like classroom behavior and verbal intelligence than their married colleagues, but lower in emotional stability and stimulating teaching.

First Investigation Ryans' study is the first comprehensive investigation of teacher behavior. But, he warns, the results apply mainly to groups of teachers rather than individuals and must be taken with a large dose of caution.

Whether a teacher is considered good or poor depends not only on his classroom behavior, Ryans insists, but also on the student's objectives and attitude, the expectations of the particular community, and on the grade level and subject matter taught.

Electronic Larynx Developed By Bell Telephone Available

A new voice for the voiceless has been introduced by Bell Telephone, according to Medford Pacific Telephone-Northwest Manager J. H. Creager.

Some 20,000 persons in the United States are without the power of speech as a result of paralysis or surgical removal of the larynx and must depend on esophageal speech or an artificial larynx in order to talk.

The new device, an electronic larynx, will be made available on a non-profit basis by Pacific Telephone-Northwest. It resembles a streamlined electric shaver, contoured to fit the hand and designed to be held against the outside of the throat while being operated. It transmits sound waves into the throat cavity replacing those normally produced by air passing over the vocal cords.

Speech Produced Speech is produced by forming words with the lips and tongue just as in normal conversation. Persons with speech handicaps have learned to use the instrument with a minimum of training and difficulty.

The electronic larynx is produced in two models, one high-pitched to simulate the female voice and the other with a lower pitch for men. Both are provided with a finger control which enables the user to vary the pitch of his voice over a half-octave range in order to produce more natural inflections of speech and emphasis on words or phrases.

Employers Transistors The device uses Bell transistors and is powered by self-contained mercury batteries of a type obtainable at any radio store. Battery life ranges up to several months depending on the amount of use.

The instrument was developed by Bell Telephone Laboratories. Suggestions were contributed by medical authorities, particularly the National Hospital for Speech Disorders, and by artificial larynx users themselves. It is made by Western Electric company, manufacturing and supply unit of the Bell system. Manufacturing cost is \$43 which also is the cost to the customer.

Information regarding the new larynx may be obtained through the local Pacific Telephone-Northwest business office. It will be made available to the public on a first-come, first-served basis.

Machen Murder Trial Under Way Portland—(UPI)—The murder trial of Paul Arnold Machen, 21, Portland opened here Wednesday with the selection of jurors and charges against Machen reduced to second degree murder.

Machen was charged in connection with the fatal slugging of Edward St. George, 44, a farm worker, on April 3. Charles Ivan Patterson, 21, was sentenced to four and one-half years in the Oregon State Penitentiary earlier in the month after pleading guilty to a manslaughter charge in connection with the beating.

Fund Drive Passes \$1 Million Mark Portland—(UPI)—The United Good Neighbors fund drive in Multnomah, Clackamas and Washington counties has reached \$1,345,180 of its goal of \$3,300,775.

TIDES OF FORTUNE Saco, Me.—(UPI)—A little girl tossed a bottle containing an appeal for foreign pen pals into the ocean here. Some weeks later she received a reply. The finder lives in Ocean Park Beach, three miles away.

EASY ON THE EYES Dallas, Tex.—(UPI)—If city Councilman R. A. Self has his way, Dallas will soon have white highway underpasses. Self told City Manager Elgin Crull that he had seen white underpasses in Colorado, and "They were easy on the eyes."

CASTRO NOT TO BE WELCOME AGAIN AT HARLEM HOTEL New York—(UPI)—There'll be no room at still another New York hotel when Cuban Premier Fidel Castro returns to address the U.N. General Assembly.

Owner-manager Love B. Woods of the Theresa Hotel, "The Waldorf-Astoria of Harlem," breathed a weary sigh of relief when Castro checked out Wednesday and said the bearded revolutionary ought to look elsewhere for lodging when he returns here in about 10 days.

Castro and his party of 64 moved out of the Theresa with 300 pieces of luggage, part of a case of whiskey, two containers of white mice, several three-foot-high teddy bears, Castro's personal refrigerator and hot plate, and some chickens he never got around to eating.

Left behind in the 40 rooms the Cubans rented at \$900 a day were cigar butts ground into the floors, rice, potatoes, onions, and part of a pumpkin.

Woods said he wouldn't take Castro in again unless ordered to by the U.S. State Department.

"Compulsorily, yes; voluntarily, no," Woods said. "This is the greatest country in the world and I don't agree with any guests who lambast our country."

Woods thus joined another hotelman, owner Edward Spatz of Manhattan's Shelburne Hotel, in slamming the door on the Castro party.

"Spatz' brush with Castro at the start of the Cuban's 10-day New York stay was so harrowing the hotelier had to retire to a hospital for treatment of his ulcer."

Chicago—(Science Service) — More autopsies should be performed if accurate studies are to be made of the causes of heart disease.

Reporting a ten-year study in the Journal of the American Medical Association, Drs. David M. Spain and Victoria A. Bradess, with Charles N. Mohr, all of Brooklyn, N.Y., emphasize the importance of increased accuracy in studies being made of atherosclerotic heart disease. They reported findings on autopsies performed on 1,329 men and women over 30 years of age in Westchester County, New York.

Coronary artery disease (atherosclerosis) caused 91 per cent of the sudden deaths of 483 white men in Westchester county, who died within an hour after symptoms began. The study showed that only 52 per cent, or 32 of 66 white women died of this cause.

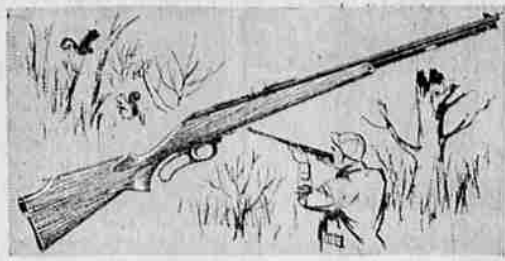
Only 14 of 584 sudden deaths of persons on whom autopsies were performed were caused by cerebral hemorrhage.

Depend on Definition The researchers show that in any community the relative frequency of the various causes of sudden death will depend on the definition of sudden death used by the physician.

The proper interpretation of the cause of death in sudden, unexplained and unexpected fatalities in adults, they say, has assumed added significance in view of the many geographical, population and other studies being made in connection with atherosclerotic heart disease.

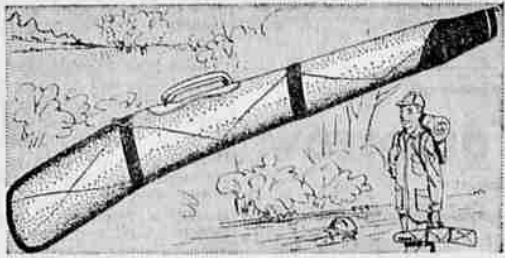
In many cases, studies have to be discarded because no autopsies were performed.

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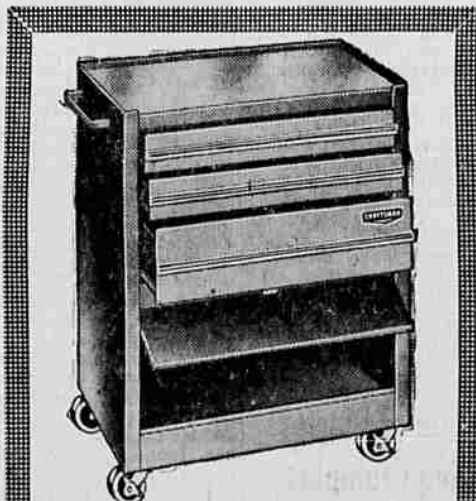
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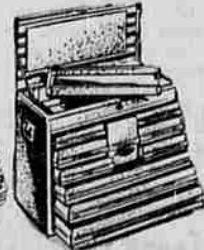
56⁹⁵

\$5 Down Delivers



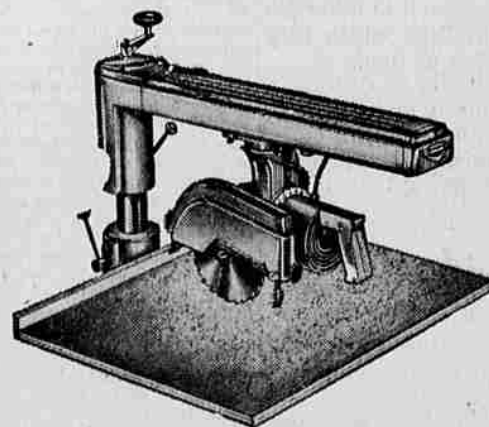
6-Drawer Welded Steel Tool Chest **49.95**

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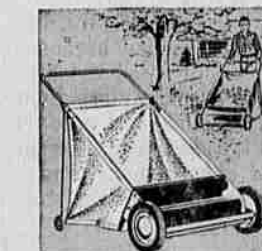
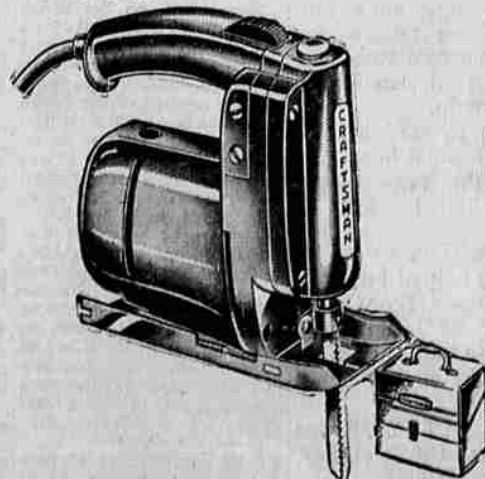
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