

# NUMBER OF HIGH SCHOOLS INCREASE

At Least One a Day Has Been Added During the Last 28 Years.

## STATISTICS COMPILED

The Largest High School in the Country is Located at Los Angeles, Calif., and Has an Enormous Attendance.

By Associated Press. WASHINGTON, Sept. 20.—New high schools have been added to the American educational system at the rate of at least one a day for the last 28 years.

Statistics compiled by the Federal Bureau of Education show that there are more than 17,000 such schools, an increase of 452 percent over the number in 1890. Attendance figures from 14,990 of the schools give a total of 17,356,119 scholars, indicating that one tenth of the population is getting high school education, the bureau states.

Only 622 of the schools enroll 500 students each and 273 enroll over 1,000, while one half of the 13,951 schools tabulated have an enrollment of between 27 and 100 students. City high schools constitute less than 10 percent of the total. They enroll 52 percent of all the students. Almost 85 percent of the schools are rural with 46 percent of the students.

As 65 percent of the schools offering a four year course have terms of only 180 days, a longer school term is "unmistakably foreshadowed" according to bureau officials. The schools cost thousands of dollars

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to erect, and to utilize the property for only 180 days a year is "bad judgment" the statement said.

The state of Texas leads in percentage of high school graduates who continue their studies in preparatory school, or college. North Carolina and Kentucky are second and third respectively.

The average high school principal the statistics show, receives \$1,272 a year, or about \$100 a month for the entire year. Principals of the District of Columbia, California, Arizona, Massachusetts and New York receive the highest salaries in the order named, while Nebraska pays the lowest average salary.

In 1918 there were 81,634 high school teachers, as compared with 1120 in 1890. Since 1902 there has been a steady increase of women entering the profession and today only 14 percent of all high school teachers are men.

The largest high school in the United States is the Polytechnic Evening High School, Los Angeles, Calif., with an enrollment of 8,140.

WATER TANKS FOR WAR LONDON, Eng., Sept. 20.—General Estienne propounds a scheme for the construction of under water tanks. This machine, he says, will weigh twice as much as its own volume of water, and will be a much more practical engine in modern war than the present pontoon bridge which are easily located and destroyed by the enemy. It will bring afloat out of date and permit a return of fighting at close quarters.

SENATOR CALDER Senator Calder of New York is chairman of the United States senate committee on reconstruction and production which is making an inquiry into the unsatisfactory conditions of the construction industry.

ERNEST GRANVILLE THEODORE Ernest Granville Theodore has the distinction of being the youngest of the 20 odd premiers accredited to the British crown. Mr. Theodore, who is premier of Queensland, is now in London endeavoring to raise a loan of \$15,000,000 to establish great steel mills in his dominion. He is thirty-five years old.

# MOVIE CLOSE-UPS

Bookings at the theatres up until September 30th 1929. At the Antlers, Today, William Farnum in "The Adventurer."

Wednesday, Sept. 25—Anita Stewart in "Mary Reegan." Thursday, Sept. 26—Charles Ray in "Alarm Clock Andy."

Friday, Sept. 27—An all star cast in "Scratch My Back" by Rupert Hughes. Saturday, Sept. 28—"The Silver Horde" by Rex Beach.

Sunday, Sept. 29—Elsie Ferguson in "Her House in Order." Monday, Sept. 30—May Allison in "The Cheat."

Tuesday, Sept. 23—Harry Carey in "Blue Streak McCoy." Wednesday, Sept. 24—"The Beauty Market" with an all star cast. Frederick in "The Bonded Slave."

At the Liberty theatre—Today—Billie Rhodes in "The Blue Bonnet" Wednesday and Thursday, Sept. 22 and 23—Louise Glauin in "Sex." Friday and Saturday, Sept. 24—25—"Sherry" from the book by Geo. Barr McCutcheon.

Sunday, Sept. 26—Dolores Costello in "The Web of Deceit." Monday and Tuesday, Sept. 27—28—J. Warren Kerrigan in "The Green Flame." Wednesday and Thursday Sept. 29—30—"As a Man Thinks."

Announcement is made by the management of the Antlers Theatre that beginning tonight William Fox will present William Farnum in a romantic drama of the days when knights were bold, entitled "The Adventurer." It was written by E. Lloyd Sheldon, and is based upon the adventures of an impetuous youth who lived in Spain at the time when noblemen waged everything on the treasures of Mexico and Peru.

In those days duelling was popular and the man who would not draw his sword to avenge an insult or to protect a woman was a cad.

The hero is of the rollicking type of romantic lover that suits admirably the great actor, who is seen as Don Caesar de Baza. William Farnum is at his best in such a role and he will win new laurels if people who have seen him in his latest production are correct in their judgment.

Estelle Taylor is his leading woman and she will make her screen debut in this city in the Fox photoplay. A strong cast will assist the star in "The Adventurer" and the direction by J. Gordon Edwards recalls the fact that this director has been responsible for many Farnum successes.

William Parsons, president of the National Film Corporation of America, spared no expense and in several other ways "went the limit" in the filming of "The Blue Bonnet." Billie Rhodes' first production for W. W. Hodkinson distribution which comes to the Liberty Theatre again tonight.

The first example of "going the limit" became evident when Billie Rhodes and an entire company of 50 players, including a complete technical organization, arrived in New

York from California and began to work immediately in the metropolis on a powerful story by E. Margus Ingleton.

"The Blue Bonnet" is a story of the Salvation Army and "over here" Without question it gives Billie Rhodes the finest opportunity she has ever had in motion pictures.

The production was directed by Louis William Chaudet, an imaginative artist. Among the members of the organization who made the trip with the star are Ben Wilson, long prominent as a featured screen player, Stanhope Wheatcroft, Lloyd Bacon and Irene Rich, the technical staff from the coast including Scott R. Beal assistant director and Ross Fisher, cameraman.

Billie Rhodes is today one of the few ingenue comedienne of the screen and at the present time is usually without a rival. From her days of splendid work in more than 150 of the lively Christie Comedies, Miss Rhodes has been a favorite with the picture devotees in every part of the country, and it was their liking that caused William Parsons to sign up starring contracts with her that resulted in the production of "The Girl of My Dreams," her first long feature production, followed by "Hoop-La" and "The Love Call" and "The Lamb and the Lion" the popularity of which has never been questioned.

Viola Dana, the star of the Metro production, "Dangerous to Men" now showing at the Majestic theatre has been a star since she was 16 years old when she appeared on the legitimate stage in "The Poor Little Rich Girl." It was for this appearance too, that she took the name by which she is known to the public, her real name being Viola Flugrath.

She is the daughter of Mr. and Mrs. Emil Flugrath and was born in the city of Brooklyn two-and-a-half years ago. She made her debut as a child of five with Peter B. Kelly in "The Newport Girl" and for three years after that she played with Thomas Jefferson in "Rip Van Winkle" and then in "When We Went to Sleep."

Her first appearance in motion pictures was with Edna G. in "The Girl of the Year" and she did not return to Edna until after her success in "The Poor Little Rich Girl." Her first picture, "Molly the Drummer Boy," won for her a long term contract. She then joined Metro and played in a long series of successes.

Her most recent productions have been "Please Get Married," a screen version of the Broadway farce by Jess Cullen and Lewis Allen Brown, and "The Willow Tree," a Cuban and Harris play by Benjie and Rhodes, wherein she scored a great triumph for her impersonation of the wistfully poetic little Japanese girl.

In "Dangerous to Men" adapted by A. P. Younger from H. V. Esmond's drama, "Ethan Comes to Stay," she returns to the kind of a role in which she has won widest popularity, playing a roving, vivacious young woman full of spirit and charm.

# POINTS ALWAYS TO NORTH

Lodestone, Which Really is a Mineral, Can Not Be Induced to Act Otherwise.

The lodestone is considered the most wonderful stone in the world, but it is really just a stone at all, but rightly belongs to the mineral family. If it is suspended by a silken thread or floated on mercury, or on a circular raft in water, the same end of the stone will always point to the "Lodestar," or North star; that fact is where it got its name.

The lodestone is a natural compass, such as the Vikings of old used to make centuries before America was discovered. By rubbing a needle or thin steel bar on a lodestone it becomes magnetized, and will float on water and always point to the north.

The most powerful lodestones come from Sweden, and hunters tell stories of not being able to pick up their guns from the ground after laying them near lodestones.

Galileo's original lodestone, with which he made so many experiments, weighs only six ounces, yet it is 300 years old and holds as firmly now as it ever did. It is exhibited in the Tribune de Galileo, Florence, Italy. The iron weight at the bottom is made in the form of a sepulchre, probably suggested by the legend that Galileo's coffin was supported in midair by lodestones.

A sea chart of the South Sea Islands made of sticks, which served as an accurate and authoritative guide for the daring navigators of the Marshall Islands just as modern maps do, is one of the exhibits to be seen in the South Sea Island hall of the American Museum of Natural History in New York. The strange sea chart is the gift of Robert Louis Stevenson, who lived on the island of Samoa four years before his death.

Distances between the islands were measured by hours, not miles. These charts are but little used now, but there was a time when each young chief was compelled to pass his examination in the charts, knowing them by heart, as they never were taken to sea. Some students say the sticks represent currents, as there are four distinct sets of swells from four quarters of the seas at various seasons of navigation, which were closely studied by the natives.

The Dickcissel. The dickcissel is a small migratory bird, about six and one-fourth inches long, the male beautifully blended with yellow, white and gray, and with a black throat patch and brown shoulders. The female is duller. These birds are very numerous in the middle portions of the United States, frequenting dry, bushy fields or prairies. The dickcissel is a persistent songster, although its song is weak and has little melody. In July and August, when many birds are silent, dickcissels continue their plaintive chant, even on the most sultry days. Their chanting is a simple "chip, chip, chee-chee."

They build their nests of weeds, grasses, rootlets, corn husks and the like. They build on the ground, in bushes and thistles, and sometimes in trees. The eggs of the dickcissel are four or five in number. They are a plain, bluish white, hardly distinguishable from those of the bluebird.

Beads in the Levant. Beads are more necessary than bread to the Levantine. Men, women and children wear and carry beads to ward off ill luck. Even the horses and donkeys have strands of beads about their necks "to baffle the evil eye" and the long horns of the work oxen are decorated with blue and white beads to keep them from falling prey to disease.

In Athens, Constantinople, Tiflis, Smyrna and other cities of the Levant men of all classes carry short strands of fidget beads which they play with while walking in the street, riding in sweet cars and trains, just as nervous men in the West finger their watch chains. Bead shops abound everywhere in the larger cities and general stores and market stalls sell them in the smaller places. Peddlers hawk them in the streets everywhere.

Wallpaper. Old wallpaper will often look like new if a new border is put at the top of the room. This will change the color scheme also if desired. If one of the up-to-date cut-out borders is used the average person can put it on. If a paperhanger is employed a saving is made by cutting out the border one's self, thus saving the paperhanger's time. A good sticking paste for heavy papers can be made of eight parts of eye flour to one part water, adding three more parts of boiling water and a little powdered resin. It pays to patch a soiled or torn bit of wallpaper, as a neat patch is not noticeable.

Lucky Woman. Mrs. Gasway—The Judge's wife is the most fortunate woman in the world. Mrs. Lissen—What's the reason for all the envy? Mrs. Gasway—Her husband sentences all the tramps that come under his notice to beat her carpets and help with the cleaning.

# "Just Between You and Me" says the Good Judge



Here's genuine chewing satisfaction for you, hooked up with real economy. A small chew of this class of tobacco lasts much longer than a big chew of the ordinary kind—that's because the full, rich, real tobacco taste lasts so long. Any man who uses the Real Tobacco Chew will tell you that.

Put up in two styles W-B CUT is a long fine-cut tobacco RIGHT CUT is a short-cut tobacco

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MRS. ALFRED O. CORBIN Mrs. Alfred O. Corbin of Ocamock, Va., is a real helpmeet for her husband. She has returned to New York after a business tour in Holland for her husband, a member of the Wall Street firm of Joseph & Co. When they were married, each liked Mrs. Corbin's old Virginia name so well that they decided to assume that, instead of the husband's name.

New Rigid Airship is Speedy. In the latest rigid airship, R-80, as developed by the Vickers people, particular attention was given to the elimination of unnecessary dead resistance and the cutting down of weight, and the builders have produced in R-80 a ship of only 1 1/2 million cubic feet capacity, whose performance in speed and endurance is equal to that of R-30 and R-34, which have a capacity of two million cubic feet. The overall length of R-80 is 500 feet, its diameter is 70 feet and its height 85 feet. The total gross lift is 385 tons at sea level, and the disposable lift is 175 tons. At full power the estimated speed is over six miles per hour and the cruising radius at this speed is four thousand miles and sixty-five hundred miles at fifty miles an hour—Scientific American.

Artificial Milk on Board Ship. The milk problem on the hospital ships of the United States navy is solved in a different and highly ingenious fashion. On board the Mercury and Comstar there is now a machine which manufactures milk in any desired quantity, although the ship may have been at sea for weeks. The "mechanical cow" needs to be fed with a combination of sterilized butter and skimmed milk powder, and it will give milk with any degree of butter fat which is required. It also produces cream that will whip and the fluid which it yields tastes like the best quality of dairy milk and cream that can be produced ashore.

Eruptions on the Sun. Not long ago at the Yerkes observatory an eruption was observed (and photographed) on the rim of the sun which threw up material to a height of 500,000 miles. One cloud of it, which appeared as if floating detached, was reasoned to have some thousands of times the volume of the earth. We are accustomed to regard great volcanic explosions on the earth as the most appalling of natural phenomena, but they are feeble and trifling disturbances compared with the outbursts which are continually taking place all over the body of the sun.

The Remedy. "I am sorry I can no longer offer my friends a good bumper." "Oh, yes, you can when you take them out to your flivver."

GROWERS having WHEAT, OATS and other grains to sell should submit samples and get prices from us before selling their grain. Remember we have handled your grain in the past and have never failed to get satisfactory results. EVERYBODY'S EXCHANGE, Inc.

PROFESSIONAL CARDS MRS. F. D. OWEN—Cut Flowers, Plants 240, 403 W. Com. DR. M. H. PLYLER—Chiropractic Physician, 222 W. Lane St. RUTH WILCOX—Piano, Theatrical Kindergarten, 3084 West First St. Phone 129-L.

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# The Symbol of Merit

In ancient Assyria, stone jars marked with certain seals were known to contain wine of the highest quality. In modern times articles stamped with certain trade marks are recognized as supreme in their field. The Bosch trade mark is a notable symbol of merit—a mark which for more than a score of years has designated supreme quality, and proved this meaning to more than 4,000,000 users of Bosch High Tension Magneto Ignition. Through the world it designates America's Supreme Ignition system—the highest of manufacturing ideals, zealously guarded and scrupulously maintained. To seek this merit "A-I" trade mark, to find it and to make use of the automotive electrical products it identifies, is to be positively satisfied.

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JUDD & McMILLIN ROSEBURG, OREGON.

# ENCOURAGE BIRDS TO NEST

Only Through Them Can the Many Insect Pests Be Kept Within the Bounds of Safety.

Of all the ways of ridding our gardens, parks and farms of the insect pests that destroy fruit, grain, and even trees, none is so effective as the encouragement of birds. Most birds are naturally insect eaters and it is really amazing to count the number of beetles, bugs, caterpillars and grubs that a small bird will devour in a day.

Andre Godard, a French naturalist, remarks in a recent number of La Nature (Paris) that agricultural plagues invariably follow the disappearance of birds, and he notes that the forests of Hungary were saved by the placing of many artificial nests to attract the feathered enemies of the grubs that were destroying the trees.

It is true that a few birds eat fruit and grain, but even these prefer insects, and it is probably true in ninety-nine cases out of a hundred that the bird which seems to be eating the fruit is really pecking at an insect inside it.

Many Film Pictures Per Second. Taking motion pictures at the rate of some 15,000 a second with a camera and lens is the recent achievement of a French scientist. High-speed photography is not new, but heretofore has depended upon electric-park stroboscopes without lenses, and lacking sufficient illumination for clear definition. The mechanism of the camera consists of an aluminum reel electrically driven at 5,000 r. p. m. and rotating film at 104 feet a second. At this rate pictures 2 inches high are made about 10,000 times a second, larger and smaller surfaces being exposed at respectively slower and faster speeds, says the August Popular Mechanics Magazine in an article carrying a full-page illustration.

The filament in a stream of high-tension electric sparks with a frequency of about 50,000 a second produced at the focal point of a concave reflector, and kept from flaming by a current of air.

Q AND A. The Watkins extracts, spices and colorings are famous, not only for quality, but also for quantity. Give them a trial. If they are not as represented, return them and get your money back. To be had from the retail dealers for Watkins' products, J. M. Ashcraft, 124 W. Lane St., Phone 137-L.

Wildroot keeps my hair healthy. "By using Wildroot regularly, I keep my scalp entirely free from the itching crust of dandruff, the cause of most hair troubles. I never use any other hair treatment—the envy of my friends—to this guaranteed dandruff remedy."

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HEN REEVEY PUNTS. PERSTON, Eng., Sept. 20.—For about a month a hen at the De Trost Arms has taken a part in the rearing of a litter of pups. The mother feeds them regularly, but after each meal the hen sits on the pups.

NOTICE TO PUBLIC. The Winchester Hospital for the cure of Tuberculosis has taken over all the interests of the Rutter Sanatorium. All those indebted to the old concern will please call and settle at the office of sanitarium. Those holding accounts against institution will present same.

REPTER SANITARIUM. NOTICE OF MEETING OF BOARD OF EQUALIZATION. Sutherlin, Ore., Sept. 7, 1929. Notice is hereby given that on the first Tuesday in October, 1929, at one o'clock p. m., the Sutherlin Valley Irrigation District will meet as a Board of Equalization to hear and determine any objection by any interested persons to the assessments and apportionment thereof, and any other matters connected therewith, that may come before them.

Board will meet at their office in the Frank Greenway building in Sutherlin, Oregon, on the date given above for each meeting. W. J. LADD, President. A. P. SLACK, Secretary.