

Hawaiian Race Being Reborn

Infusion of Foreign Blood Reinvigorates Inhabitants of the Island.

KOREANS REFUSE TO MIX

Analysis of 14,550 Marriages in the Islands Reveals Some Surprises to Science—Japanese Not Most Prolific Race on Island.

Honolulu, T. H.—The Hawaiian race, which with the Polynesians in general has been regarded as a dying people, is being reborn and reinvigorated by infusion of alien blood, according to statistics just compiled by Louis R. Sullivan of the New York Museum of Natural History now attached to the Bishop museum in Honolulu.

Mr. Sullivan has just completed analysis of 14,550 marriages in the islands, selected at random, and his findings in some cases have been surprises to science.

According to the tables, more American men in the territory marry women of blood foreign to their own than marry American or British women. The Japanese are not, as has been supposed, the most prolific race in the islands, but are surpassed in this regard by Portuguese, Porto Ricans, part-Hawaiians and Spanish. Of American women, more than one in every six living in the islands marry Hawaiians, part-Hawaiians and others of blood strange to their ancestry. Of all the racial groups the Korean women represent the only one which refuses to mix blood, not a single case of a Korean woman marrying a man other than a Korean having been discovered.

A New Racial Group.
As a whole, the tables indicate, the part-Hawaiian group has a tendency to consolidate, rather than scatter, since of Caucasian-Hawaiian unions who marry, 32.7 per cent marry back into the full-blooded Hawaiian strain, while only 15.8 per cent take white wives, and the remainder, either inbred among their own kind or marry

at large. Of Asiatic-Hawaiian mates, 43.9 per cent marry back into the Hawaiian strain, only 1.3 into the Asiatic strain and a negligible proportion into the Caucasian strain.

The result, so far as the Hawaiian race is concerned, is said to be a new racial group, formed to a high degree, still abnormally susceptible to civilization's diseases, but with much higher resistant powers than the old Hawaiian stock and visibly adding to its numbers.

While the women of Korea read all other males and females of the islands in marrying within their own race, there are other groups which are a class second in this respect. Only 0.3 of one per cent of Japanese women contract out marriages, or unions with men of other races, while 0.7 of one

per cent of Japanese men so pick their mates. The percentage for the Chinese is 6 per cent for the women and 41.5 per cent for the men; American, 17.9 for the women and 51.7 for the men; Portuguese, 32.3 women, 13.9 men; Hawaiian, 40.5 women, 19.5 men.

Pure Stock Dies Fast.
The pure Hawaiian death rate is the highest in the islands, 13.48 per thousand annually, although the pure Hawaiian birth rate is nearly twice as high as American, British and other whites.

Scientists recognize that susceptibility to diseases of civilization is responsible for the disappearance of the pure Hawaiian race, but the figures just made public by Mr. Sullivan are the first to show that the intermarriage is rebuilding the old race into a stronger, more hardy people.

One Bullet Hits Two Deer.
Sweeney, N. H.—After Marshal Hill had fired at a large buck deer and had supposed he had released, he learned he had killed two deer with a bullet which passed through the body of a buck and entered the head of a doe.

"Gold" Alchemy Hoax of Bacon

For 600 Years His Writings Have Been Studied in Hope of Finding Secret.

ONLY NONSENSICAL JARGON

Science Might Have Been Much Farther Advanced Today If Roger Bacon Had Not Hidden His Knowledge in Cipher.

Philadelphia, Pa.—Alchemists who for 600 years sought to find in Roger Bacon's cipher writings the secret of turning base metals into gold were the victims of a hoax, declared William Brewster Newbold, professor of intellectual and moral philosophy at the University of Pennsylvania, before the general meeting of the American Philosophical society here.

Bacon, he contended, hid under a nonsensical jargon of alchemists'

terms a marvelous storehouse of scientific knowledge.

Doctor Newbold told of his two years' labor to decipher the code Bacon used.

As a result of the revelations made by the 800,000 word manuscript, scientists have declared Bacon had remarkable knowledge of mathematical systems conceived today, and had not the discoveries made by him remained unknown to others until rediscovered hundreds of years after his death, science would have been just so much in advance of its present state.

Explanation of the Cipher.
"Bacon conceived the idea of expressing every letter of a word which he wanted to write in cipher by a syllable and building the syllable into a new word," he said. "For example, if the letter 'A' is represented by 'GIL' 'A' by 'ALD' and 'E' by 'ED' the word 'Gerald' would spell 'Cat'."

"The principle cannot be used in this way because, first, every word will be represented in cipher by twice as many letters, and second, no words can be used in cipher except those of an even number of letters. To test these difficulties Bacon lays down the rule that successive syllables must end and begin with the same letters, doubled letters being dropped. Thus 'Cat' may be spelled in the Bacon cipher as follows: 'G-o-o-l-d'; dropping the double letters, one gets the word 'Gold'."

No Wonder Secret Was Kept.
"In reading the cipher you double every letter except the first and last and thus discover the syllables which spell the word. But it is seldom possible to find syllables which fulfill these conditions and yet spell a new word when arranged in the order of letters of the original word like 'cat', for example. 'Cat' may also be spelled 'sre-ld-a', and the syllables may be rearranged into the word 'dark', but when 'dark' is translated the word 'cat' will reappear as 'tea', the order of the letters being disarranged. These are the principles Bacon used."

"There are 484 possible combinations of the letters of two 22-letter alphabets, taken two by two. Bacon makes every one of the 484 represent a letter of his alphabet and with them spells his words in Latin in the way indicated above. He disarranges the underlying text as little as possible and it usually is still recognizable, but frequently it is disarranged so much that scholars probably never will agree as to how it should be reconstructed."

THREE YEAR OLD WASHED ASHORE

Mrs. Dingman Tells of Adventure of Childhood When Father's Ship Was Wrecked.

RELATES LATER EXPERIENCE

Declares That the Way Tanlac Restored Her Health is More Remarkable Than Anything She Has Ever Had Happen to Her.

"You had some remarkable experiences in my life, but none more wonderful than the way Tanlac overcame my troubles and made me gain twenty pounds," was the statement of Mrs. Christian K. Dingman, 1216 Allee St., Oakland, Calif. One of the experiences to which Mrs. Dingman refers is well known to her friends. When a child of three years, accompanying her father, a noted sea captain, on an ocean trip, the vessel was wrecked, but she was almost miraculously saved, the small box into which she was put being washed ashore. According to her statement, Mrs. Dingman enjoyed the best of health until three years ago when she began to suffer from a bad form of stomach trouble and later from rheumatism. How she was completely restored to health is best told in her own words:

"Nobody knows how I suffered for the past three years. No matter how carefully I ate I would endure agonies afterwards from smothering and stinking spells. Sometimes they were so severe I would fall to the floor and would have to be carried to bed. I went for days at a time without eating, as I dreaded the misery I knew would follow, no matter what I ate. Then rheumatism set in and my shoulders and arms hurt me so I couldn't comb my hair. My back felt like it was breaking in two."

"I was almost in the depths of despair when I began on Tanlac, but this great medicine has made me a well and happy woman. I'm not even troubled with constipation now, thanks to the Laxative Tablets, which are far superior to anything of the kind I ever tried. It seems almost too good to be true, but here I am in the best of health and spirits after I had given up hope, and I'll always praise Tanlac for it."

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Actor—Don't make any difference to me; I'm a vegetarian.

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Catarrh is a local disease greatly influenced by constitutional conditions. HALL'S CATARRH MEDICINE is a Tonic and Blood Purifier. By cleansing the blood and building up the system, HALL'S CATARRH MEDICINE restores normal conditions and allows Nature to do its work.
All Druggists. Circulars free.
P. J. Cheney & Co., Toledo, Ohio.

More oil has run to waste in the United States than ever reached the refineries.

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Dead Shot Roach and Ant Powder

Kills Roaches and Ants by Contact
For sale by all Grocers and Druggists in 25c, 50c and \$1.00 sizes.
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well groomed is an attractive sight.
Red Cross Ball Blue
if used in the laundry will give that clean, dainty appearance that everyone admires. All good grocers sell it; 5 cents a package.

Renew your health by purifying your system with



Quick and delightful relief for biliousness, colds, constipation, headaches, and stomach, liver and blood troubles.
The genuine are sold only in 35c packages. Avoid imitations.

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Positively REMOVED by Dr. Barry's Freckle Ointment—Free trial given by mail. Dr. C. W. Barry Co., 2075 Michigan Avenue, Chicago

Getting Ready for Bombing Tests



The officers and men at the U. S. naval air station, Rockaway Point, Long Island, are busy these days preparing themselves and their equipment for the big test next June, which they hope will prove the airplane more destructive than the battleship. The illustration shows an aviator adjusting the bombing sight on a plane.

Women Ignore Sheik

Go on Stage in Defiance of Order of Vicar of Sultan.

Turkish Women Find New Freedom as Result of Conditions Following the World War.

Constantinople.—The command of the Sheik-ul-Islam, vicar of the sultan, ordering Turkish women not to appear on the stage, is being ignored by them. The German-Austrian and allies' occupations of the city, with the loss of husbands, fathers and brothers, and the press of poverty, has brought a new freedom to Turkish women. This is daily seen by their clothing. They wear their veils still, instead of a hat, but turned back and tied in a pretty knot, after the manner of their Russian refugee sisters.

Because of the high price of cloth, Turkish women no longer wear a mul-

titude of garments, designed in old time to hide the outlines of their figures. Both veil and dresses are a deep sea blue, instead of the dull conventional black once the custom. Some affect the homely brown dress, the becoming garment designed by Halide Hanum, the nationalist woman leader.

These changes have dispelled the mystery which once enveloped the Turkish woman, and Americans here find that she does not differ in looks very much from others. On an average, they are not so good-looking as the American women. The difference may be said to lie in their timidity. Even this quality is dispelled quickly when they come in contact with foreigners, as is the case in the mixed receptions given at the Constantinople college for girls, maintained here by Americans. At such receptions the Turkish girls and women talk brightly and cleverly with American naval officers and other guests.

Pressed Boy's Trousers While They Were on Him

Tony Volpona, twenty-two years old, a tailor of Covington, Ky., was fined \$50 and costs by Judge Munson on a charge of assault and disorderly conduct preferred by the mother of Howard Barber, twelve years old. The testimony showed that the boy entered Volpona's place of business and asked to have his trousers pressed.

Volpona said he caught the boy and laid him across the ironing board and proceeded to use the iron, which was warmer than he thought, causing the boy to cry with pain. In passing sentence, Judge Munson said he felt sure there was nothing malicious in the conduct of the tailor but that he was careless. The case has been appealed.

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