

Rear Children Like Plants

LUTHER BURBANK'S PLAN TO IMPROVE MANKIND

California's Horticultural Wizard Would Not Tarry Little Ones With the Fear of Ill, but Would Have Their Environment Healthy and Pleasant—Put the Best in Them by Contact With the Best Outside. Let Nature Teach Lesson of Good and Proper Living

Americans of the Future to Be "Morally Beautiful and Intellectually Fit." Characteristics of Race That Make You an Indian Will Show in the Composite With Many Evil Traits Removed. Finished Product to Be Race of the Future

LUTHER BURBANK, the famous naturalist of Santa Rosa, Cal., whose extraordinary achievements in improving fruits, flowers, trees and vegetables have made him famous, recently made the following statement to the New York World's staff correspondent in San Francisco who had asked him if it was possible to cultivate the human race by methods similar to those with which he has transformed the plants:

In my work with flowers and plants and trees I have been led naturally to analogous problems. Man has always figured in my calculations, and as the human species is the highest type of life I could not escape the conclusion that as long as plant life could be controlled by human hands mankind might likewise be subjected to similar influences and the race similarly improved. I did not go out of my way to form these deductions. They came sharply and quickly and naturally and are as much a part of my study today as the production of rare fruits and flowers.

If we hope for improvement of the human race we must begin with the child, as the child responds more readily to environment than any creature in existence. The change may come in the first generation, and it may not. It may not show at all for many generations, but patience and constant at-

that the change wrought in the child from the influences without becomes constitutional and ingrained. A child absorbs environment. It is the most susceptible thing in the world to influence, and if that force be applied rightly and constantly when the child is in its greatest receptive condition the effect will be spontaneous and immediate and permanent.

Surroundings Change Children.

There is no doubt that if a child with a vicious temper be placed in an environment of peace and quiet the temper will change. Put a boy born of gentle and kind parents among Indians, and he will grow up like an Indian. Let the child born of criminal parents have a setting of morality and decency, and the chances are that he will not grow into a criminal, but an upright man. Take the girl whose mother is wayward and wanton and change her surroundings while she is still young enough to be affected by the forces of environment, and she will develop into a virtuous and moral young woman. I do not say that heredity will not sometimes assert itself to some extent, of course. When the criminal instinct crops out in an individual it might appear as if environment were leveled to the ground. But in succeeding generations the effect of constant higher environment will become fixed.

We in America form a nation with the bloods of half the peoples of the

world within our veins. We are more crossed than any other nation in the history of the world. All the necessary crossing has been done, and now comes the work of elimination, the work of refining, until we get an ultimate product that will be the finest human race known. It is no doubt this is the country which will produce that specimen. Many years will be consumed before the finished work is attained, but it is sure to come. The characteristics of the many peoples that live in the country will show in the composite with many of the evil characteristics removed, and the finished product will be the race of the future.

In my work with plants and flowers I introduce color here, shape there, size or perfume, according to the product desired. In such processes the seedlings of nature are followed. Its great forces only are eliminated. All that has been done for plants and flowers nature has already accomplished for the American people. By the crossing of bloods strength has in one instance been secured, in another form, tenability, in still another moral force. Nature alone could do this. The work of man's hand and hand could not be summoned to prescribe for the development of a race.

A preconceived and mapped out crossing of bloods finds no place in the making of peoples and nations. But when nature has already done its duty and the crossing leaves a product which in the rough displays the best human attributes all that is left to be done falls to environment.

Greatest in Man Not Yet Attained. Man has by no means reached the ultimate. The fittest has not yet survived. In the process of elimination the weaker will fall. The fittest of the future is not the fittest of the past. With proper rearing and education of the child a race will evolve which will be the morally beautiful and the intellectually fit. I do not think that man today has attained the greatest that is in him. We have what are popularly known as five senses, but there are men of strong minds whose reasoning has rarely been at fault and who are coldly scientific in their methods, who attest to the possibility of yet developing a sixth sense. Who is to be that man? Can we not develop new senses as evolution advances? Psychology is studied in the public schools through-

out the country, and that study will lead to new knowledge in psychic thought. The men of the future age may prove a somewhat different order of being from that of the present. He may look upon us as we today look upon our forefathers.

Sometimes I am appalled when I read of the increase of insanity, suicide, murder, the ills of the flesh. Statistics show many things that make us pause with regret, proper point of view is that of the optimist. The time will come when insanity will be reduced, suicides and murders will be fewer and man will become a being of few ills and bodily troubles.

Finest Human Product Ever Known. Wherever you have a union in which there is no variation there is comparatively little insanity or crime or excited morality or genius. Here in America, where the variation is greatest, the statistics show a greater percentage of insanity and all other variations. As time goes on in its endless and ceaseless course environment will crystallize the American nation. Its varying elements will become unified, and the weeding out process will probably leave the finest human product ever known.

The color, the perfume, the size, the shape, that were transmitted in plants will have their analogies in the composite, the American of the future.

And how that will hasten this development none can tell! The proper rearing of children. Don't feed the child on dogmatic religion; give him nature. Let his soul drink in all that is pure and best, man or woman. Put the best in him by a contact with the best outside. He or she will absorb it as a plant does the sunshine and the dew.



LUTHER BURBANK.

with a soul groping in darkness let him see and feel the light. Don't terrify him in early life with the fear of an after world. There never was a child that was made noble and good by the fear of a hell. Let nature teach him the lessons of good and proper living, combined with a well balanced nourishment. That child will grow to be the best man or woman. Put the best in him by a contact with the best outside. He or she will absorb it as a plant does the sunshine and the dew.

JAPAN'S FIVE ARMIES.

How Russia Estimates Her Own Strength in the Field.

According to the Hakkai Inland, the Japanese armies in the field number between 550,000 to 600,000 men. That is the Russian official estimate. This force consists of nineteen divisions, six of which are newly formed, and twenty-two reserve brigades. The battalions number from 288 to 404, giving a total of from 430,000 to 450,000 bayonets. Leaving out the reserve and depot forces, the cavalry numbers at least seven regiments.

General Kuraki of the First army has from 104 to 108 battalions, equal to 115,000 to 120,000 bayonets. General Oku of the Second army has 100 battalions, numbering 110,000 to 115,000 bayonets. General Nogi of the Third army has 75 to 80 battalions, comprising 85,000 to 90,000 bayonets. General Nodzu, Fourth army, occupies the center of the Japanese armies with 40 battalions and 45,000 bayonets. General Kawamura, Fifth army, closes the list with 36 to 40 battalions, comprising 33,000 to 38,000 bayonets.

All these five armies have telephonic connection and are so placed that they can act in quick conjunction with each other. In addition an army is mobilized for the maritime province.

The Test Cure in Kansas.

A stranger in Paola, Kan., is impressed by the great number of tents in all parts of the town and is naturally curious until he is told that there is a bad fever for sleeping outdoors, says the Kansas Dispatch. It started early last summer and has been steadily on for some one who has tried it tells of the benefits he has received from sleeping outdoors. "Since I began to sleep in a tent, said the follower of the fad, "I feel much better. Before I began to sleep outdoors I never felt refreshed when I got up in the morning. Now I feel bright and am able to do my work much better."

Apples Kept For a Year in Icehouse.

Alonso Wolfe, a well to do farmer in Lake township, Linn county, Pa., has been trying to study out how to keep apples for a year or more, says the Wilkes-Barre Record. Last September he put two bushels of his selected Northern Spy apples in his icehouse and kept them at a certain temperature. The other day he carted them to Wilkes-Barre, where they brought a high price. They had not a speck or blemish on them and were as hard as a rock. They were simply the best and the only year old apples to be had in this valley.

The Dodging Period

of a woman's life is the name often given to "change of life." Your menses come at long intervals, and grow scantier until they stop. The change lasts three or four years, and causes much pain and suffering, which can, however, be cured, by taking

WINE CARDUI

Woman's Refuge in Distress. It quickly relieves the pain, nervousness, irritability, miserableness, fainting, dizziness, hot and cold flashes, weakness, head feeling, etc. Cardui will bring you safely through this "dodging period," and build up your strength for the rest of your life. Try it. You can get it at all druggists in \$1.00 bottles.

"EVERYTHING BUT DEATH I suffered," writes Virginia Robson, of East-Cleveland, Ohio, "which cured me so quickly I surprised my doctor, who didn't know I was taking it."

A CITY'S FARM COLONY

Municipal Project of Cleveland to Help the Needy.

VAST TRACT OF LAND PURCHASED. On Thirteen Hundred Acres a Number of Suitable Buildings Will Be Erected For the Poor of the City—When Desirable, Each Individual Will Be Given a Small Plot For Cultivation.

The city of Cleveland, O., has undertaken a municipal experiment which if successful will have much to do with revolutionizing its general attitude toward the treatment of the criminal, dependent and defective classes, says a Cleveland dispatch. This vast tract of fifty acres of land here has been purchased, which, with an adjoining 400 acres recently bought for cemetery purposes, makes a total area of 4,200 acres, or two square miles. This vast tract of land, ten miles from the public square, will furnish advantageous locations for the various institutions which the municipality finds necessary and useful in its department of charities and correction. It will be known as the Cleveland farm colony.

The administration building will be located on the summit of a ridge which traverses the center of the tract, from which is an extended view over the farm and many miles beyond. Located distant from one another will be the house of correction, the detention hospital, a tuberculosis sanitarium, a general hospital for convalescent and chronic cases, a hospital for the treatment of the drunk and drug habits, a home for aged poor, a home for cripples and a home for wayward girls. A municipal hospital car with beds and attendant nurses will be run over the suburban line from the city to the different hospitals on the farm. Special cars will also be employed for the other departments of the colony. The industrial or home for aged and defective poor will be one of the first institutions to be removed to the new site. While there will be larger wards, the more helpless as far as possible, the residents will be grouped in cottages. Here separate groups will be made according to nationality and occupational tastes. Men and wives will occupy a part of a cottage by themselves. Each cottage or when desirable each individual will be given a small plot of ground for cultivation. Here will be located not a monumental institution, but a

Japa-Lac for touching up lineoleum and oil cloths at Lamey & Co's. It will make them look better than new

Very low rates to Richmond, Va., via the North-Western Line. Excursion rates to Richmond, Va., \$10 to \$11, inclusive, with favorable return limits; on account of Farmers' National Congress. Apply to agents of Chicago & Northwestern R'y.

\$20.00, Colorado and return, Chicago, Union Pacific, and North-Western Line, from Chicago daily August 30 to September 4, account G. A. R. Encampment at Denver. Correspondingly low rates from all points. Only one night to Denver from Chicago. Two fast trains daily. Special excursion only conducted G. A. R. trains leave Chicago September 2d. Through without change. From Denver, numerous inexpensive personally conducted side trips afford opportunity to visit some of the most wonderful mountain scenery in the world. For itinerary of special trains, list of Colorado hotels and boarding houses, and rates of sleeping car reservations and full information, address W. B. Kistner, P. T. M., Chicago.

village of unfortunate, with homelike surroundings, sufficient activity to foster a feeling of independence, some room for individual whims and caprices and all in the midst of the green country, towers, trees and gardens.

To the residents of the other institutions will be given freedom from city temptations, the privilege of outdoor life and of regaining the normal physical condition, which are important in open country, trees and gardens. Because of mental and bodily defects many of these people have been crowded out of the ranks of the regular industries in shops and factories. With every industrial depression a larger number of them are forced into the ranks of the criminal and dependent classes. Unlike the crowded factories, the land always furnishes opportunities for the weak and defective to do some work according to their abilities. The men past their prime, the crippled, the feeble minded, who can give only partial fragments of their labor, will here have a fair chance to use their limited talents.

In two square miles of land, with its wooded hills, rolling meadows and plowed fields, with its walks, drives and gardens, with its cottages, shops and barns, with its cattle, sheep and cow, this farm colony will offer large opportunities for useful, happier lives for the weak, unfortunate and poor of a great city.

A "SUPERMARINE" BOAT.

Novel High Speed Craft Devised by French Engineer. A novel form of high speed boat has recently been devised by a French engineer, M. de Lambert, which involves a radical departure from all previous designs of hull, says Harper's Weekly. It is termed a "skating," or "supermarine" boat; it is constructed to glide along the surface of the water rather than experience resistance by being immersed and passing through.

This is accomplished by means of five inclined planes, which are fixed on the bottom of the hull and which when the boat is at rest are a few inches in the water. When the engine is started the hull is raised, so that the boat runs with less resistance on the inclined planes, which then rest on a mixture of air and water.

With a twelve horsepower petroleum motor it is reported that a speed of from twenty-six to twenty-eight knots an hour can be made, a rate not always attained by motor boats with eighty horsepower engines. The new boat is also capable of being hauled with considerable facility and stopped readily.

The attainment of high speed by motor boats which run on the surface of the water rather than through it has attracted some attention lately, and an English high speed boat was built where this idea was considered in designing the hull, but the use of the inclined planes to diminish the resistance as successfully carried out is quite novel and will be tried further.

New Harbors For Manila. Manila is to have two new harbors, one 600 feet long by 70 feet wide, the other 620 feet by 100.

Unreasonable. First Shoe Store Clerk—Women are so unreasonable. Second Ditto—That's right. A woman came in yesterday and said she wanted a shoe that was both comfortable and stylish. Philadelphia Record.

Before Hairpins Were Invented. Mr. Blings—I see by this paper that hairpins were invented in 1815 and—Mrs. Blings—Dear me! How do you suppose women buttoned their shoes and unlocked trunks before that?

Action is eloquence. The eyes of the ignorant are more learned than their ears.—Shakespeare.

MAPLE CITY SELF-WASHING SOAP, gives that snow white finish so pleasing to good housewives.

Subscribe for **The Review** A Home Paper.

MILES T. LAMEY, INSURANCE AGENT. Represent five of the leading fire insurance companies of the world. Notary Public. BARRINGTON, ILL.

LAMEY & COMPANY Dealers in **Building Material, Paints, Oils, Glass, Tile and Cement.** Barrington, - - Illinois.

HALL'S VEGETABLE SICILIAN Hair Renewer Renews the hair, makes it new again, restores the freshness. Just what you need if your hair is faded or turning gray, for it always restores the color. Stops falling hair, also.

—"Yes!" —"Yes!" —"Very enjoyable; I saw an interesting account of it in last evening's Post." —"Didn't you? Well, why don't you read The Chicago Evening Post?"



LUTHER BURBANK'S HOME AT SANTA ROSA, CAL., WHERE HE WORKS WONDERS IN HORTICULTURE.