

WE OWE OUR SANITY TO GREEN

NO OTHER COLOR SO
SOOTHING TO NERVES

Red Causes Irritation—Science Has
Demonstrated Effect of Green on
the Human Race—This Is Why a
Stay in the Country Is Beneficial.

If it were not for the subtle harmonies and soothing influences of green rays in the light of the sun we would all become raving lunatics and would soon destroy each other and the human race would become extinct.

Science declares this to be true. The light of the sun is composed of rays of various colors, which, combined together, form light. The three primary colors are red, blue and green. The older idea was that they were red, blue and yellow, but this was based on experiments with color pigments.

Science has discovered that the red and violet, or actinic rays in sunlight, are exceedingly irritating to the nerves of the retina of the eye. And it has discovered that green rays are soothing and restful.

That is why there is more crime in summer than in winter. The hotter the sun's rays the more murders, fights, suicides and quarrels there are, because in summer the violet rays predominate in sunlight.

Shut a man up in a room where he will see nothing but red, and no green at all, and he will in time become a lunatic, says science. The reason is that the constant irritation caused by the red rays will eventually be more than the mind can stand. First, the man will become nervous, then his manner will become irritable and he will be cross and peevish and finally he will break down.

But take this man from his room of red and its irritating influence and put him in the country where everything he sees is green and he will quickly recover because the green rays will soothe and rest him.

Everyone knows how beneficial a stay in the country is to a man who has broken down in the city. The majority of doctors think, when they prescribe for a patient a rest in the country, that the benefit is to come from the peace and quiet there.

But science now says that it comes partly from the green light rays that everywhere greet the eye.

If the grass and foliage were red instead of green we would all be lunatics, says science.

The reason why so many city persons break down, and the reason there are more crimes of violence in the city than there are in the country in proportion to the population is because in the city there is a preponderance of red rays reflected from the red brick houses and pavements and the eye constantly encountering these is constantly irritated until at last the whole nervous system is shattered by it.

Experiments have been made to show the influence of the violet and red rays of the sun upon animals and insects. In London a scientist shut some ants in a box and put a prismatic glass over it so that the rays of the sun passing through it were broken up and only the ultra violet and red rays entered the box.

The ants immediately began to scamper to get out of the rays. They would huddle in a corner where there was green or blue, but as soon as the red rays were thrown there they would scamper away. It was the same with guinea pigs and mice. They tried to escape from the irritating influence of the red rays.

These are the rays which cause sunstroke and heat. It has been demonstrated that these rays will pierce the skull and that they have an irritating influence on the brain.

The effect of red and violet rays upon animals is again demonstrated in the madness of bulls when confronted with a mass of that color. To scientists color is simply the irritation of the nerves of the eye by the waves of light. Different wave lengths give different color sensations.

Daniel Burleigh Parkhurst, lecturer on art in Dickinson college, says in his work, "The Painter in Oils:"

"It is the generally accepted theory now that there are three primary sensations; that is, that the eye is sensitive to three kinds of color, and that all other shades and varieties of color are the results of mingling or overlapping of the waves which produce those three colors and irritating more or less the nerves sensitive to each color simultaneously.

"These three primary colors are now stated to be red, blue and green. The older idea was that they were

red, blue and yellow. Pigments do give these results; for a mixture of blue and yellow pigment will give green, and a mixture of red and green pigment will not give yellow, while the reverse is the fact with light.

"Pigment simply reflects the light rays which fall upon it; that is, pigment has the power of absorbing, and so rendering invisible, certain of the rays which, combined, make up the white light which illumines them and of transmitting others to the eye by reflection. We see, that is, our nerves of sight are irritated by those rays which are not absorbed, but which are reflected. The pigment is named according to those rays which it reflects."

The red bricks of the city, then, are not red; they simply absorb all rays of the light falling upon them except the red rays and the bricks reflect these. And they reflect these irritating red rays better and with more fierceness in summer than in winter, hence the increase of crime in summer.

But, although we do not see them, there are green rays in all sunlight, and it is the presence of these green rays that saves us from madness.

ROW OVER BILL.

Brewer Busch and Doctor Disagree.

St. Louis, Sept. 8.—A trifling little difference of \$20,000 in a doctor's bill for professional services may possibly result in a lawsuit against Adolphus Busch, the millionaire brewer. The widow and the son-in-law of Dr. Robert Luedeking, in settling that affair of state, discovered that the doctor had not sent Mr. Busch a bill for several years prior to the former's death, so they sent Mr. Busch a bill for \$55,000.

Mr. Busch thought that a little high, and offered \$35,000 in settlement. "This offer was declined, and the demand for the larger amount was again made. Mr. Busch went to Europe before the case was settled, and now those interested in Dr. Luedeking's estate are wondering if the bill will be paid before they have to sue for it.

NIGHT OF DANCING EQUALS HALF OF MARATHON

Berlin, Sept. 8.—According to statistics compiled by a leading dancing teacher dancing is the hardest work in the world. He says it requires tense control of the muscles. In fact, he asserts that an evening of dancing is equal to walking all day. Here are his figures as they appear in the Berliner Tageblatt:

An ordinary waltz causes a dancer to cover 1200 meters. A quadrille with its four turns causes each of those engaged in it to travel two kilometers. In a mazurka the dancer covers a distance of 20 kilometers, or 12.5 miles.

"No wonder, then," he adds, "that when Li Hung Chang saw people in England dance and perspire he observed:

"If it is such hard work, why do they not order their servants to do it for them?"

Texas Boosters Meet.

Fort Worth, Tex., Sept. 8.—Town boomers from all over Texas, with a considerable contingent from surrounding states, met this morning in the annual convention of the Texas Secretaries' association. Three hundred commercial clubs are represented at the session, which will be one of the most important of its kind ever held in the southwest.

Perhaps no other state of the union is so extensively and persistently advertised as Texas, and a discussion of publicity projects for spreading the fame of the Lone Star state and its municipalities throughout the world will be an important feature of the three-day conference.

Other matters slated for consideration include the science of city building, the duties of commercial secretaries, good roads, county fairs, rural relations, public parks, railroad construction and immigration.

To Open Rosebud Lands.

Washington, Sept. 9.—Arrangements have been completed for the opening on October 19 of the lands in the Rosebud Indian reservation, in the southern part of South Dakota. It is expected that over 100,000 persons will register. War veterans will be allowed to register through an agent, but applications from others will be required to be sworn to in one of several specified towns.

Drainage Convention.

Newbern, N. C., Sept. 9.—Reclamation of state swamp lands in the eastern part of North Carolina is under consideration at a drainage convention opened here today under the auspices of the state geological board.

All the news all the time in the East Oregonian.

TO THE INVESTOR IMPORTANT

On April 1, 1908, we placed on the market for sale about 7000 acres of dry wheat land and 5000 acres of irrigated land, at prices ranging from \$5 to \$150 per acre, and notwithstanding a partially strained financial condition, resultant from the recent panic, we are happy to report that we have sold 1200 acres of the irrigated land and 4000 acres of the dry wheat land.

Of the land sold over 720 acres are under cultivation, and this Fall will mark the liveliest season for development in the Eastern end of the County, when 500 additional acres will be cleared and planted.

This is the result of our first five months' effort, and, with the additional improvement this Fall, it does not require much imagination to calculate the effect of this development on the value of the land. The majority of the sales have been in five and ten acre tracts, which assures an intensely farmed country as well as a rapid progress.

It is IMPORTANT that you keep in touch with this condition and bear in mind that every acre improved is a stepping stone to enhance values. The wisdom of this investment at this time, WHEN PRICES ARE LOW, is proved by the experience in Yakima, Kennewick and Wenatchee, where undeveloped land today cannot be bought for three and four times more than what we are now asking.

During the Summer the Furnish Ditch Co. has been working on the reconstruction of the ditch under the personal supervision of Mr. Marble, of Yakima, the work on which will be entirely completed within three weeks, when we will have, without question, as good a ditch as can be found anywhere. No money has been spared to make the work absolutely perfect.

As an investment, purely on the basis of a land proposition, the Furnish-Coe lands should double in value within one year. This increase will not be artificially brought about, as we are not creating market prices, but will be solely dependent upon the development and improvement of the country. For the purpose of insuring this progress we will improve and farm the land of any purchaser at cost, plus 5 per cent. for supervision.

My time is at your disposal.

Columbia Land Company

D. B. Costuma, Mgr.

E. O. Bld'g., Main & Webb Sts.

Pendleton, Oregon

Write For Information
Regarding the One-Way
COLONIST FARES
VIA THE
NORTHERN PACIFIC RAILWAY
FROM THE EAST TO THE NORTHWEST
IN EFFECT DURING SEPTEMBER AND OCTOBER.



APPLY TO

W. ADAMS, AGENT, PENDLETON, OREGON

or to any passenger representative of the company for full information. Ticket deliveries arranged at any point in the East.

A. D. CHARLTON,
Asst. Gen. Pass. Agent, Portland, Oregon

Pendleton's Passenger Time Card

Arriving Pendleton O. R. & N. Leaving Pendleton

Portland Passenger 4:10 p. m.	Portland Passenger 8:00 a. m.
Chicago-Portland Special 4:40 p. m.	Chicago-Portland Special 12:30 p. m.
Portland-Chicago Express 2:55 a. m.	Portland-Chicago Express 1:05 a. m.

O. R. & N. WASHINGTON DIVISION

Spokane Passenger 4:30 p. m.	Spokane Passenger 12:30 p. m.
Walla Walla Passenger 10:50 a. m.	Walla Walla Passenger 4:50 p. m.

NORTHERN PACIFIC

Pasco Passenger 11:30 a. m. and 2:00 p. m.	Pasco Passenger. 4:30 p. m.
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UMATILLA CENTRAL

Pilot Rock Passenger 3:15 p. m.	Pilot Rock Passenger 8:45 a. m.
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