

The PILOT

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Ray Pisarek, Joe Murphy

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Our Reactions To Morse

Our reactions to the controversial senator Wayne Morse? We had heard about him many times back in the middlewest, and there, of course he is equally controversial. He is a national figure in the truest sense of the word.

Morse is a fine politician, and as such will be difficult to unseat this coming election year. Nobody has ever claimed, in all their anti-Morse remarks, that the man is not intelligent. He knows the issues, and knows how to explain them easily and clearly to an audience.

He is a fine politician because he is smooth as silk. He can remember names, and is easy to talk to. He is a fine politician because he can talk on both sides of a question and be equally convincing.

We don't agree with Morse very often on his policies or his methods. And frankly, we think changing his political affiliations in mid-term was unfair to the voters who elected him. However, he does have plenty of support, and it will take a good man, a lot of work, and a lot of money to unseat him.

Friday morning the fog was just about as thick as it can get, even in London. At times visibility was cut down to a hundred yards or less and it hung low all day with almost no visibility for over a quarter of a mile at any time.

Edward Grootendorst, having finished postgraduate work at the Palmer School of Chiropractic, is now looking about for a likely place to start using his knowledge. His twin, Henry is an advanced student Naval aviator.

John and Ethel Molino also vacationed in eastern Oregon.

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Savings Bond Sales Still On Increase

Sales of E and H United States Savings Bonds in Oregon according to Ted Gamble, Oregon Savings Bonds Committee Chairman, continue at a high level. The increase in sales or the first nine months of this year is 29.5% over 1954, continuing to lead the nation in sales increase.

September were \$3,294,272 and for the January-September period, \$35,147,865, which is a 10-year high for total Bonds sold in the first nine months of this year. According to the Curry County Savings Bonds Committee, sales in this county in September amounted to \$13,952. In 1954 sales were \$8,389 for the same month. For the nine months, Curry County sales were \$126,320.

Mr. Gamble said that sales for

Due to the atomic and molecular structure of the surface, of objects, part of the light which strikes an object, is absorbed, while the remainder is reflected in all directions. If red is absorbed from the light, we perceive the object as being green, as green is the complement of red, etc. If all of the light is reflected, the object looks white, as the true color of unfiltered light is white. On the other hand, if the surface traps all of the light, none is reflected to the eye, and we naturally perceive the object as being black. Objects have no color of their own. The color which we assign to an object, is light which has been reflected.

The "light particle theory" has been used, in these articles, as it is the most useful one, for explaining visual perception. However it should be realized, that the "wave theory" is equally valid.

From all parts, of the visible surfaces of an object, a few scattered light particles are reflected into the pupil of the eye. Since these light particles are coming from many directions, and converge at the pupil, their paths naturally cross, as they enter the interior of the eye ball. This accounts for the image being reversed, on the posterior surface of the eye. The process is similar to the image, which is formed on the ground glass of a studio camera. In a camera, the paths of light cross, as they pass through the small opening of the lens, so that

the image is upside down and reversed. Light particles which enter the eye, have enough energy to ignite chemical deposits, which are attached to the light cells of the retina. The burning of these chemicals, generates an electric current. This current passes through the optic nerve to the brain.

In the visual lobe of the brain, which is located at the back of the skull, the electrical impulses create a pattern. This pattern establishes the image, but it has no meaning, until the impulses have also filtered through the cortical (cortex) processes, which are related to the various sense organs. When the image has been integrated with all of the senses, and memory processes, one experiences conscious perception. This of course, all happens in a fraction of a second.

As stated earlier, we can never be sure as to just how close our perception corresponds to reality. The brain which creates the conscious perception, is entirely closed off from any direct contact with the material world. It is comparable to a person being born and spending his entire life in a mine and whose only knowledge of the world, depended on what he was able to gather by watching television. He could never be sure, that the image represented reality, and was not an optical illusion.

As man uncovers illusions which conceal reality, he is faced with a new and strange world. He soon discovers, however, that this new

world is evasive and more confusing than the last. It is as though reality is all an illusion. To penetrate this illusion, is like a child breaking a soap bubble to find out what it concealed.

Though the probing hands of science may never uncover ultimate reality, the world of today would be lost without. Because of man's nature to defy the validity of accepted tenants, in search of truth, a new age of "cancer cure" may not be too far away.

The greatest achievement of all will be, when man finds a way for the people of the earth, to live together in peace and harmony, where the world will be permeated with love instead of war. When all men will learn to accept truth as he sees it, instead of blind acceptance of prejudices the world will have a better chance of establishing permanent peace.

A nice lady came bursting into this office, last weekend, much perturbed. Seems a croney of hers in an outlying village, had been to Brookings, rented a house, and went home to pack up the family pa, ma and two sprats, renting a van to move their chattels. Then somehow, the nice lady found the rented domicile had been sold but didn't come by the fact until it was too late to head off the would be newcomers. Unfortunately, we don't know any more about this.



VISUAL PERCEPTION—Part 15

This week's article is devoted to summing up the material covered this far, plus an attempt to tie in the loose ends, which were left dangling.

Next week we will start the final articles of this series, which deals with Gestalt Psychology. Before leaving this part of the series, it seems necessary to telescope the material, which has been

covered in order to see it in proper perspective.

Going back to the beginning, it was stated that the sun or artificial illumination, gives off energy. A small part of this energy is perceived as light. The light which enters the eye, is either direct or reflected. Direct light is only seen, when looking directly at the source. Most of the light, however, which we see, has been reflected from one or more objects.



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