

Cannot Grade Races

(6) Physical anthropologists, as yet, are unable precisely to grade existing human races upon an evolutionary scale, upon the basis of the sum total of their anatomical deviations from apes and lower animals. Each race displays a mixture of advanced and primitive characteristics. A definitive rating of the evolutionary rank of each human race presupposes the completion of many anthropological and physiological researches, which, as yet, have not even begun.

(7) A "pure" race is little more than an anthropological abstraction; no pure race can be found in any civilized country. Racial purity is restricted, at best, to remnants of savage groups in isolated wildernesses. The present races of man have intermingled and interbred for many thousands of years, so that their genealogical lines have become inextricably confused. Physical classifications of race merely attempt to delimit groups of approximate physical uniformity, with a restricted assumption of similar heredity.

(8) The composite origin of most of the existing races of man is demonstrable. Thus the Polynesian represents a stabilized blend of White, Negroid and Mongoloid elements. The so-called Nordic race is probably a hybrid derivative of several strains present in Europe during the glacial period, to which have been added in historic times Alpine, Mongoloid and other racial elements (carried by Lapps, Finns, Slavs and other peoples who have mixed with

the inhabitants of the "Nordic" area).

(9) The study of the results of hybridization between the most physically diverse of modern races—such as the Negro and the Nordic, or the Mongoloid and the brunet Mediterranean White—has not demonstrated that fertility is decreased, or vitality diminished, by such crossings. The hybrids exhibit a wide range of combinations of features inherited from both parental races, but no degeneracy, provided that both parental stocks are normal. It is probable that racial susceptibilities and immunities to certain diseases are different in hybrids from those obtaining in the parental races, but this subject has been insufficiently studied.

Great Individual Variation

(10) Within each and every race there is great individual variation in physical features and in mental capacity, but no close correlation between physique and mentality has been scientifically demonstrated. Knowledge of human heredity is still far from perfect, and altogether inadequate as a basis for attempts to secure specific combinations of physical and mental features by selective breeding. A scientifically valid program of eugenics, at the present, must be limited to the restriction of breeding among the insane, diseased and criminal, and to the encouragement of reproduction in individual families with sound physiques, good mental endowments and demonstrable social and economic capability.

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WHITE-BLACK-YELLOW

This famous monument by Malvina Hoffman in Chicago's Field Museum hall of the living races typifies the ideas of anthropologists toward races. This official photograph from the Field Museum shows the three human types portrayed: left, white man; center, black man; right, yellow man.

PSYCHIATRY

Psychiatric Treatment for Nerve Diseases Is Urged

PSYCHIATRIC treatment, usually employed for mental diseases, can be of great aid in certain nerve diseases such as encephalitis lethargica, popularly known as "sleeping sickness," multiple sclerosis and some of the nerve ailments accompanied by convulsions.

This use for psychiatric methods of treating disease was pointed out to neurologists by Dr. O. L. Forel of Prangins, Switzerland, at the meeting of the American Neurological Association in Atlantic City.

"Cooperation between neurologists and psychotherapists is of unquestionable value," he declared.

How X-ray pictures of the brain taken after air has been injected into its cavities aids in the diagnosis and location of brain tumors was described by Dr. Walter E. Dandy of Baltimore, who first devised this method known as ventriculography. This same method is valuable in cases of hydrocephalus, a condition characterized by enlargement of the head and bulging forehead. There is an increased amount of fluid on the surface or in the ventricles, or cavities, of the brain, which has given the condition its popular name of water on the brain. It may be caused by various factors, among them a tumor press-

ing on certain veins or a block which keeps the brain fluid from reaching one of the brain cavities. X-ray pictures taken after air injection show the presence and location of such tumor or block, Dr. Dandy has found. The procedure consists, briefly, in drilling a tiny hole through the skull, inserting a needle through this hole into the brain, withdrawing the brain fluid and injecting the same or a slightly less amount of air and then taking an X-ray picture.

A somewhat similar diagnostic procedure in which fluid is withdrawn by spinal puncture and air injected into the spinal canal before taking X-ray pictures was described by Drs. Cornelius G. Dyke and Leo M. Davidoff of New York City.

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Canadian miners trained in rescue work are called Draegermen after Bernhard Draeger, who invented an oxygen helmet for rescue work.