

one wishes to root rapidly and vigorously.

Hormone application has reference to certain cases where it is not practical to propagate a plant from seed. Such varieties are of course commonly grafted or budded upon robust seedling plants. Unfortunately the graft junction often seems

to constitute at least a partial barrier to growth hormones which should be passing regularly from root to tree-top. As a result many grafted plants are somewhat dwarfed. Artificial application of hormones thus provides the remedy, assuring adequate growth.

*Science News Letter, November 6, 1937*

Japan is a small, dynamic, psychopathic personality with marked temper outbursts and ideas of grandeur.

Russia is physically a strong young man who has just passed through the throes of puberty.

China reminds Dr. Kraines of a middle-aged, bald-headed man who once was very fat but now has become gaunt and has large hanging folds of skin. He is becoming very irritable at the persistent stings given him by the irascible, small, psychopathic neighbor.

England is viewed as a solid, settled business man who has just gone through a depression and has "taken it like a man." He has become "too set in his ways" and needs to change. He has many grown-up sons, some stable, some unstable, but practically all wilful.

*Science News Letter, November 6, 1937*

PSYCHIATRY

## Madness of Nations of World Diagnosed by Psychiatrist

United States Rated as Manic-Depressive; Russia Adolescent; Germany Paranoid; Only a Few Are Normal

THE United States is declared to be suffering from a "typical manic-depressive psychosis" and most of the other great nations of the world are diagnosed as suffering from various kinds of madness in a scientific discussion published in *Science* (Oct. 22).

The psychiatrist diagnosing is Dr. S. H. Kraines of London's National Hospital for Diseases of the Nervous System, who last year was on the staff of the University of Illinois Psychiatric Institute.

The manic attack of Uncle Sam's insanity reached its climax in years before 1929, Dr. Kraines writes. In its manic phase, just as in the manic patient, the United States is happy, elated, very active, dreaming great dreams, doing many things beyond its capacity and speaking loudly of the success which it is achieving.

"Following the crash in 1929 came the depressive episode," Dr. Kraines continues, "and here again the analogy between this depression and the manic-depressive depression is striking. In both instances is there a marked retardation, marked ebbing of energy, many complaints, inability to think through clearly, insomnia, bad dreams, fears, a poor appetite and a decline in the birth rate. He needs to learn to smooth out his swings."

The only really normal countries in this world today, in Dr. Kraines' diagnosis, are Norway, Sweden, Denmark, Holland and Switzerland.

France reminds him of an elderly, fearful spinster, gingerly treading her way, holding her skirts high, suffering from an excessive emotionalism and apprehensiveness.

Germany is going through a depressive phase with marked paranoid symp-

oms. The depression has been chronic, the paranoid ideas have been coming on gradually in the last few years. Persons with such symptoms are potentially very dangerous, because they possess reason and great energy.

Italy is really a feeble-minded person who has seen others grow great, who envies them and feels that he too can become a great person.

Bark of the western hemlock tree has been found a promising source of tanning, for use in tanning heavy leathers.

A new kind of rubber road-joint strip is expected to make driving smoother on concrete roads, because the rubber filling at road joints will not bulge above the surface.

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