



**STRATOSPHERE WEATHER STATION**

*This is the apparatus that rises into the stratosphere sending temperature and pressure information back to earth by radio. L. T. Samuels, assistant chief of the U. S. Weather Bureau, is shown examining the meteorograph and the balloon and parachute that go up with it. When in use, the meteorograph and parachute are suspended about 75 feet below the balloon, and the balloon is blown up much larger than it is in the picture.*

Carnegie Institution of Washington, Alaska Agricultural College and School of Mines, U. S. Naval Research Laboratory, U. S. Weather Bureau, U. S. Bureau of Standards, Signal Corps of the War Department and U. S. Coast and Geodetic Survey, which has administrative charge of the expedition.

The Meteorological Service of Canada considers the Coppermine station an important post because it is in the path of winds from the Arctic, which influence the climate of North America.

The Alaska Agricultural College and School of Mines has been issuing an aurora report through Science Service.

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SOCIAL HYGIENE

# How to Have a Good Time Is Adolescents' Chief Worry

## Health Authorities Also Hear Returning Physicians Say Best Nourished Children of Europe Are in Soviet Union

**T**HE CHIEF problem worrying most adolescents is how to have a good time. Boys and girls of the teen age are not interested in what their parents and teachers consider the big problems of adolescence, Prof. Maurice A. Bigelow, director of the School of Practical Arts, Columbia University, told members of the American Social Hygiene Association at a conference in Washington.

Long study of high school and college students has convinced Prof. Bigelow that adolescence is not a great cataclysm nor a revolutionary period. He said that 985 out of 1,000 boys and girls grow into, through and out of this period as naturally as they breathe. The so-called high school problems which worry parents and teachers, such as too much introspection and day-dreaming, may be found beginning as early as the eighth or ninth year. The only uniform characteristic of adolescence is the natural awakening of the sex instinct and of social interests. All other alleged characteristics of adolescence complained of by parents and teachers may be found earlier and later in the individual's life and are individual characteristics.

The three big problems which Prof. Bigelow found most adolescents concerned over are how to enjoy themselves, how to get enough money for necessities and luxuries, and how to get ahead in their study or work. He found that most boys between 15 and 19 years think of what they are going to do when they grow up, what trade or profession they will follow. Also, nearly all of them occasionally think of the time when they will be grown up and have wives and children.

### Few Feel Cares

Only the very rare boy or girl feels the "cares of the world on his shoulders." Few of them are even worried about their own families.

Most parents think disobedience is the biggest problem of adolescence. They forget how complex the world

has become, and that they are asking the young people to live according to very complex standards which the young people themselves cannot understand or find reasonable. Parents would find they had the same problem if they tried to make people between 30 and 40 years conform to a standard they did not find reasonable. Prohibition, for example, is a post-adolescent problem, in Prof. Bigelow's opinion.

### Russia's Children Best Nourished

The best nourished children in all Europe are to be found in Russia, in the opinion of a group of physicians who have just visited the various countries, studying health conditions. Dr. John Sundwall, professor of public health and hygiene at the University of Michigan, attributes the splendid health condition which he observed in Russian children to health-promoting activities of the government.

"I don't know any country in which the government has more interest in watching the health of the individual right through his life," Dr. Sundwall said at the American Public Health Association meeting in Washington.

More important than the economic and industrial undertakings of the five year plan is what Dr. Sundwall termed the "spiritual side" of the plan. This takes in such factors as health, education, hospitals, medical service and sickness insurance. In the cities, such as Karkov, Leningrad and Moscow, each industry has its health centers, while the public schools have their own medical service.

The future belongs to the country that produces the greatest number of children and sees that they grow up normal and free from physical defects. Russia is putting that maxim into practice, and Dr. Sundwall foresees a great future for the country. Even the overcrowding, which exists in the cities at present, shows the growth and as such is an indication of the health of the country, he said.

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