IN THIS ISSUE

ON THE COVER

The young man on this month's cover is a very tender freshman. He has just stepped off the bus into the sharp sunlight of Camp Radford, in the San Bernardino Mountains—the Institute's new student camp. At first glance he may merely seem to be heading for the cabin to which he has been assigned for the next three days, so he can unload his bedding and gear. Actually, he is doing a good deal more than this—he is beginning his college career.

On pages 11-15 of this issue you'll find some pictures of the early days of the class of '54—some of the things they did at freshman camp, and some of the things that were done to them, back on campus, as they went through their initiation by the class of '53.

SCIENCE AND FREEDOM

President DuBridge's article on page 5, "Science and the Spirit of Freedom," was adapted from a speech delivered at the inauguration of Gordon Gray as President of the University of North Carolina (the pioneer state university of America, by the way) on October 9.

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PICTURE CREDITS

Cover Wm. V. Wright
p. 2 Cartoon by Carl Rose
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BOOKS

In This Issue

Science and the Spirit of Freedom
An essential element in the strength of America is a strong science. But to be strong, science must be free—and the freedom of science is in present danger.
by L. A. DuBridge

The Theory of Games
The study of games is tantamount to a study of human behavior in a given economic situation. Here, in simplified form, are some of the basic principles on which the theory of games is based.
by H. Frederic Boisen

The Early Days of the Class of '54

The Month at Caltech

Caricatures of Men of Science
by E. C. Watson

The Beaver
Some notes on student life
by Bob Madden '51

Alumni News

Personal

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Last month and the month before we acceded to the superior wisdom of the famous Chinese philosopher who contended that one picture can whip mere yakity-yak in straight falls.

Consequently we substituted full pages of pictures of our newest two trains—the great new Sunset Limited between Los Angeles and New Orleans, and the swank all-room Cascade between Portland and San Francisco—for our customary column of chit-chat. Now we’re back in business at the same old stand.

Streamliners Galore

It has reached the point where streamliners, to us, are like measles to other people. At any rate, we’re “all broke out” with them now. With the new Sunset Limited and Cascade climaxing the passenger end of our great $316,000,000 improvement program, we can take you all over the place in modern, luxurious comfort.

Just look at this streamliner line-up!

For romping up and down the Pacific Coast: Between Los Angeles and San Francisco take your pick of the luxurious, all-Pullman San Francisco. Between Los Angeles and New Orleans, and the swank all-room Cascade between Portland and San Francisco—for our customary column of chit-chat. Now we’re back in business at the same old stand.

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