

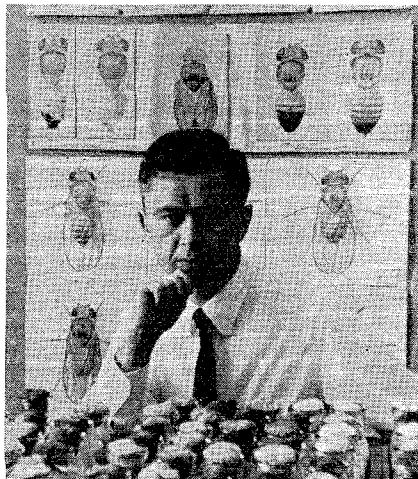
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ON OUR COVER this month is Edward B. Lewis, professor of biology, and author of the article on page 19, "Two Wings or Four," describing genetic experiment at Caltech which has provided biologists with a working model for picturing the genetic control of development.

From this working model, Dr. Lewis, developed a four-winged fly—the fruit fly, *Drosophila*, which is such an ideal tool for genetic studies. background of our cover picture. *Drosophila*, you will note, form th They take up the foreground, too, as a matter of fact; each of those bottles contains a family of them (two parents and—after just a few days—their hundreds of offspring).

Dr. Lewis was graduated from the University of Minnesota in 1939, came to Caltech as a teaching fellow and received his PhD here in 1942. After wartime service as a meteorologist with the Air Force in the Pacific he joined the Caltech faculty in 1946.

PICTURE CREDITS

Cover Nolan Patterson
pps. 22, 23, 24 Thomas W. Harvey
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