

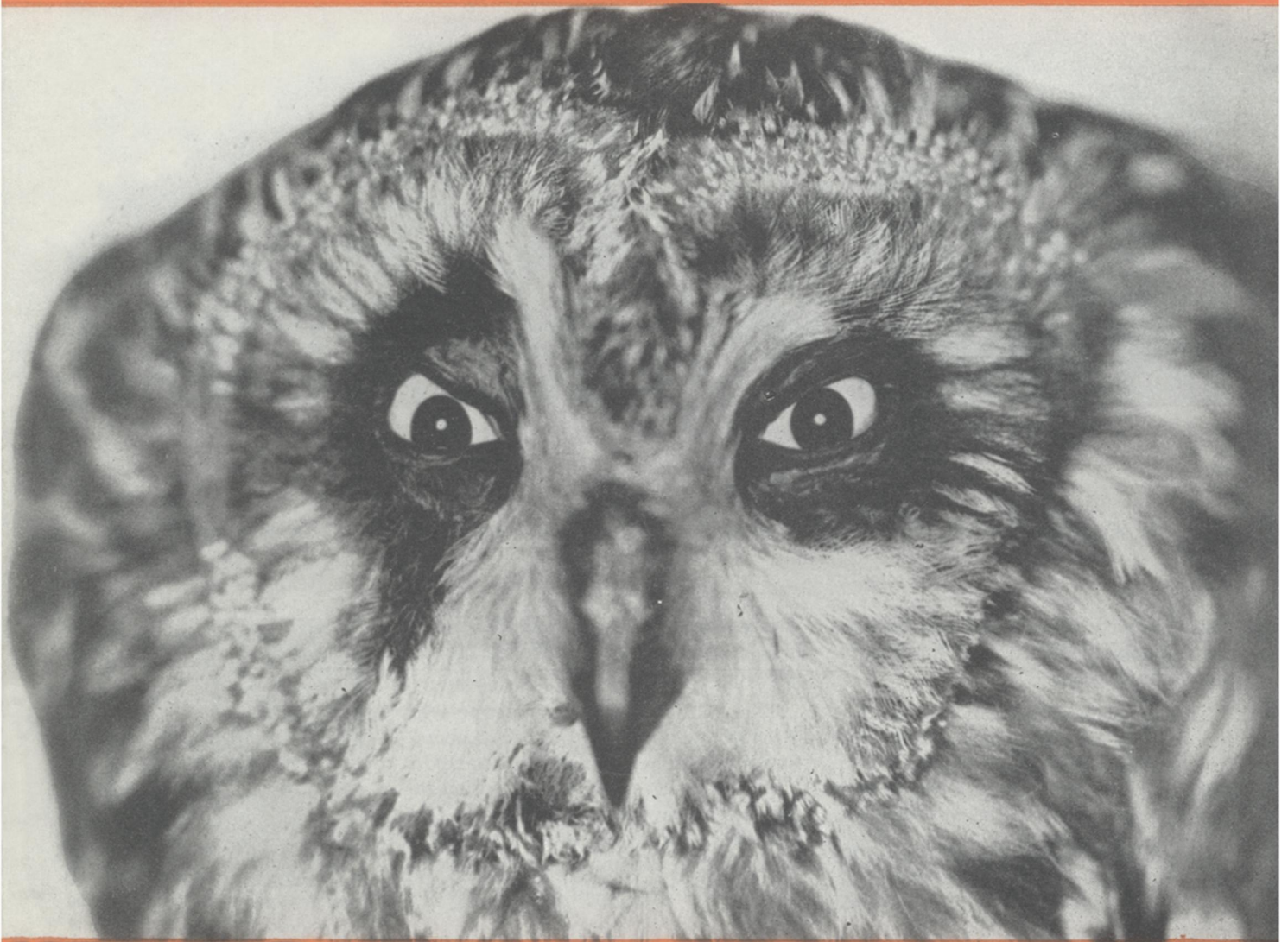
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SCIENCE NEWS LETTER

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Not of Evil Omen

See Page 261

A SCIENCE SERVICE PUBLICATION

1921

TWENTY-FIFTH ANNIVERSARY

1946



The RCA Electron Microscope's magnifying power is now doubled—from 100,000 to more than 200,000 times!

A new weapon "pointed at the heart" of tuberculosis!

This improved RCA Electron Microscope can recognize 50,000 distinct particles in the width of a hair!

Through such magnification, never before possible, science can now examine the structure of the tuberculosis bacillus (shown above)—in its vital search to learn why these organisms behave the way they do.

Until the electron microscope came to the aid of disease fighters, scientists had seen this bacillus only as pin-point specks in optical microscopes. Today they can examine the membrane, body structure and details of this killer.

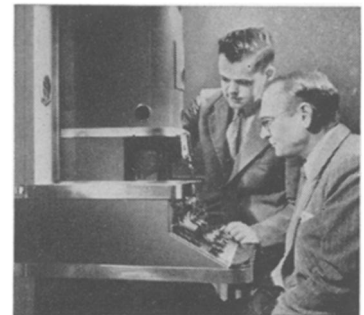
New knowledge of the fine structure of

viruses and living cells will also be of inestimable value in the battle against still unconquered diseases.

The RCA Electron Microscope was developed and perfected at RCA Laboratories. And whenever you see an RCA Victor Victrola* or radio or television receiver you know that the pioneering and research of these same RCA Laboratories are behind it, making it one of the finest instruments of its kind science has yet achieved.

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Radio Corporation of America, RCA Building, Radio City, New York 20 . . . Listen to The RCA Victor Show, Sunday, 2:00 P. M., Eastern Standard Time, over the NBC Network.

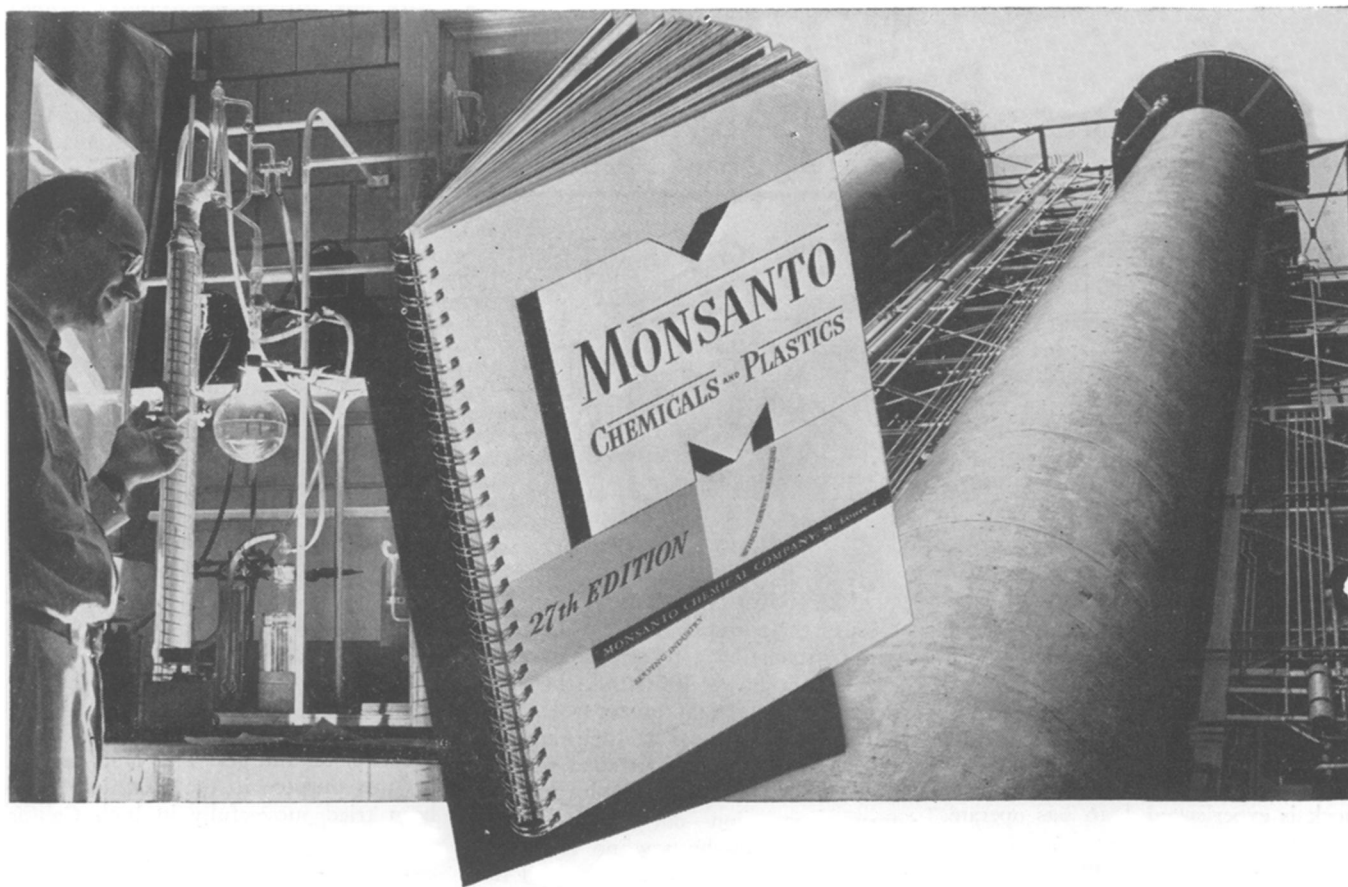


THE RCA ELECTRON MICROSCOPE is now essential equipment in many hospitals, universities, research laboratories and industrial plants. For further details, write to RCA Victor Division, Camden, N. J.

*Victrola T. M. Reg. U. S. Pat. Off.



RADIO CORPORATION of AMERICA



Meet the Future...through Chemistry

To help industry meet the expanding future and still further improve the welfare of mankind, Monsanto is progressively active in many directions.

In terms of physical capacity, for instance, Monsanto has already started a \$48,000,000 plant expansion program. As this work is completed, it will not only enable Monsanto to produce in larger quantities its many hundreds of chemicals and plastics—it will also help Monsanto contribute many new products still in the development stages.

Research facilities and activities, too, are constantly stepped up and broadened. Within the past few months, Monsanto has set aside \$2,500,000 to be de-

voted solely to exploring the peacetime possibilities of the atom as a source of constructive power. This research will be centered at Oak Ridge, Tennessee . . . Also, Monsanto has recently inaugurated a research policy which provides academic leave for outstanding Monsanto industrial scientists, who may continue their studies at universities of their choice, for a full year at full salary.

This is but a glimpse of Monsanto's preparations to meet the future of industry. It is related primarily as an invitation to consult Monsanto on any aspect of your immediate or long-range developments.

MONSANTO CHEMICAL Co.
St. Louis 4



S E R V I N G I N D U S T R Y . . . W H I C H S E R V E S M A N K I N D