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The need to preserve our air resources challenges our understanding of the atmosphere's capacities.

Imprinting in Birds: E. H. Hess
Research has borne out the concept of imprinting as a type of learning different from association learning.

Politics and Higher Education: E. Hutchison
The relation between government and the universities is close and should be formally recognized.

Surveying Russian Technical Publications: A Brief Course: J. G. Tolpin
In eight to sixteen lessons scientists can learn to identify the subject matter of Russian publications.

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Science Goes to Lunch—Fermi Award: Rickover Named

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Fluid Flow in Porous Media Studied by a Nuclear Magnetic Resonance Technique: A. Timur and I. Fatt

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Mayfly Distribution Indicates Water Quality on the Upper Mississippi River: C. R. Fremling

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COVER
This aerial photograph of an industrial complex illustrates, on a small scale, how many individual sources 
combine to create a single volume of polluted air. The gradual loss of buoyancy of a heated effluent and the 
leveling off of plumes from single sources is depicted by the black and white plumes (upper center). These 
also show the gradual diffusion of single-source pollution as the result of atmospheric turbulence. See page 
1119. [U.S. Public Health Service]
Editor's Summary

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