In 1941, there appeared from the National Cancer Institute the multilithed "Survey of Compounds Which Have Been Tested for Carcinogenic Activity," by Jonathan L. Hartwell. This compilation of 696 compounds indicated 169 as active. The survey was expanded for a second edition in 1951, which was reprinted in 1963 (Washington, D.C.: Government Printing Office, Public Health Service Publication No. 149, 1951). In it, Hartwell tabulated data on 1329 compounds, of which 322 were reported as having carcinogenic activity.

The third and fourth editions, listed as Supplements 1 and 2, were prepared by Philippe Shubik and Hartwell and were printed in 1957 and 1969. Three subsequent updates were prepared for the National Cancer Institute under contracts and appeared as volumes "1961-1967," "1970-1971," under the same title and printer, retaining the identification of Public Health Service Publication No. 149. The latest volume contains 1667 pages. These surveys are an important resource for investigators and other workers concerned with chemical carcinogens.

Jonathan L. Hartwell was born in Boston in 1906 and obtained his doctorate in chemistry from Harvard in 1935. He was with the National Cancer Institute from 1938 until his retirement in 1975. He is shown holding the 1969 volume.

Philippe Shubik was born in London in 1921 and received his doctorate in medicine from Oxford in 1949. He was Professor of Oncology at the Chicago Medical School, 1950-1968 and has been since 1968 Director of the Eppley Institute and Eppley Professor of Oncology and Pathology, of the College of Medicine of the University of Nebraska, Omaha.

We are indebted to Dr. Hartwell (right) and Dr. Shubik (left) for their contributions and for the photographs they provided.

M.B.S.