Prehistoric Use of Fur Seals: Evidence from the Olympic Coast of Washington:
C. E. Gustafson ............................................... 49
Band Gap of Forsterite: T. J. Shankland .................. 51
Cyanovinyl Phosphate: A Prebiological Phosphorylating Agent?: J. P. Ferris .......... 53
Transplantation of Marrow to Extramedullary Sites: M. Tavassoli and
W. H. Crosby ............................................... 54
Falciparum Malaria Transmissible from Monkey to Man by Mosquito Bite:
P. G. Contacos and W. E. Collins ............................. 56
Cyclic 3',5'-Adenosine Monophosphate Phosphodiesterase Produced by the Slime
Mold Dictyostelium discoideum: Y.-Y. Chang ....................... 57
Rat Mammary Gland Differentiation in vitro in the Absence of Steroids:
W. G. Dilley and S. Nandi ........................................ 59
5-Diazo-4-Oxo-L-Norvaline: Reactive Asparagine Analog with Biological Specificity:
R. E. Handschuhamer et al. ..................................... 62
Prebiotic Synthesis: Phosphorylation in Aqueous Solution: R. Lohmann and
L. E. Orgel ..................................................... 64
Culex nigripalpus: Seasonal Shift in the Bird-Mammal Feeding Ratio in a Mosquito
Vector of Human Encephalitis: J. D. Edman and D. J. Taylor ......................... 67
Raman Spectra of Crystalline Lysozyme, Pepsin, and Alpha Chymotrypsin: M. C. Tobin
Charge-Mosaic Membranes: Enhanced Permeability and Negative Osmosis with a
Symmetrical Salt: J. N. Weinstein and S. R. Caplan .................................. 70
Genetic Control of Drug Levels in Man: Antipyrine: E. S. Vesell and J. G. Page ........ 72
Retrograde Amnesia Produced by Hippocampal Spreading Depression: H. H. Avis and
P. L. Carlson .................................................. 73
Technical Comments: Premature Citations of Zoological Nomina: G. G. Simpson;
I. G. Sohn; Ethyl Alcohol Consumption: Valid Measurement in Albino Rats:
R. D. Myers; K. Eriksson ...................................... 75

MEETINGS
Systematic Entomology: Distribution of Insects in the Pacific: P. Oman and
K. V. Krombein; Photosynthesis: R. G. S. Bidwell; Calendar of Events (Courses) ......... 78

LEONARD M. RIESER
H. BURR STEINBACH
KENNETH V. THIMANN
JOHN A. WHEELER
PAUL E. KLOPSTEG
DAEL WOLFLE
Treasurer
Executive Officer

GEOLOGY AND GEOGRAPHY (E)
Claude C. Albritton, Jr.
Richard H. Mahard

ZOOLOGICAL SCIENCES (F)
Vincent Deblieker
David E. Davis

ENGINEERING (M)
Paul Rosenberg
Newman A. Hall

MEDICAL SCIENCES (N)
Shields Warren

INFORMATION AND COMMUNICATION (T)
Ileen E. Stewart

ZOOLOGICAL SCIENCES (F)
Vincent Deblieker
David E. Davis

DENTISTRY (Nd)
Barrie M. Levy
Richard S. Manly

STATISTICS (U)
Chester I. Bliss
Rosedith Sitgreaves

The American Association for the Advancement of Science was founded in 1848 and incorporated in
1874. Its objects are to further the work of scientists, to facilitate cooperation among them, to
improve the effectiveness of science in the promotion of human welfare, and to increase public under-
standing and appreciation of the importance and promise of the methods of science in human progress.

COVERAGE
Painted wood kachina doll made in the 19th century by a Hopi Indian of the southwestern United States. Such
dolls are carved and decorated to repre-

sented supernatural beings. See review of American Indian Painting of the
Southwest and Plains Area, page 35.
[The Brooklyn Museum, Brooklyn, New York]