Editorial

Perkin Centennial .................................................... 465

Articles

Nature and Mode of Action of Oxidation Enzymes: H. Theorell ........ 467
Osmotic Pressure: F. P. Chirard and T. Enns ....................... 472
World-Wide Travel of Atomic Debris: L. Machta, R. J. List, L. F. Hubert ... 474
A. O. Weese, Ecologist: A. Richards ............................... 477
H. H. De Jong, Experimental Neurophysiologist: H. Barak ............. 478

News of Science

Physicians from Abroad and Medical Competence; U.S.-Australian Submarine Cruise; Brain of Birds; Galapagos Research Station; U.S. Physician and Laos; Radioactive Reserpine; Arctic Flora Study; Nuclear Energy Notes; News Briefs; Scientists in the News; Recent Deaths; Education; Grants, Fellowships, and Awards; In the Laboratories; Miscellaneous ..................... 479

Reports

Space-Time Relationships in Somesthetic Localization: F. N. Jones ....... 484
Enzymatic Deficiency in Primaquine-Sensitive Erythrocytes:
  P. E. Carson et al. ............................................. 484
Relation between Weight-Lifting Totals and Body Weight: M. H. Lietzke .... 486
Surface Studies Using Ion-Exchange Autochromatography:
  R. E. Krehbiel and J. W. T. Spinks ........................................ 487
Influence of Invasiveness, Hormones, and Amphenone on Steroids in Adrenal Carcinoma: T. F. Gallagher et al. ............................... 487
Partial Inactivation of Lipoprotein Lipase by Bacterial "Heparinase":
  E. D. Korn ........................................................................... 489

Book Reviews

The Moon; Handbuch der Laplace-Transformation; Topological Dynamics;
Histologie und Mikroskopische Anatomie des Menschen; Science and Information Theory; Atoms and Energy; Automata Studies; Fluid Models in Geophysics; Gmelins Handbuch der Anorganischen Chemie; Advances in Catalysis and Related Subjects; New Books; Miscellaneous Publications ........ 490

Meetings and Societies

Molecules in Heavenly Bodies; Venereal Diseases and Treponematoses; American Physical Society; Animal Reproduction; Meeting Notes; Society Elections; Forthcoming Events ........................................ 496