Editorial
A Matter of Perspective .......................... 1883

Articles
Economic Potential of Communication Satellites: W. Meckling .......................... 1885
Satellites promise quantum jumps in overseas capacity at low cost if commercial traffic jumps too.

Dilemma of Academic Biology in Europe: W. V. Consolazio .......................... 1892
University customs steeped in the past make difficult the development and retention of creative scientists.

The Humoral Regulation of Breathing: B. W. Armstrong et al. ......................... 1897
A concept based on the physicochemical composition of mixed venous and arterial blood is presented.

Science in the News
Hanford and Stanford: $100 Million Project Approved; The PRDC Case: Private Safety and Public Power .......................... 1907

Book Reviews
Communist Manipulation of Behavior: L. E. Hinkle, Jr. .......................... 1912
The Russians use confession to convict and condemn, the Chinese to rehabilitate and reform.

H. E. Driver's Indians of North America, reviewed by C. H. Fairbanks; other reviews 1914

Reports
Sound Production in Scorpions: R. Rosin and A. Shulov .......................... 1918
Theory of Oxygen Transport through Hemoglobin Solutions: I. Fatt and R. C. La Force .......................... 1919
Effects of Plant Nutrients on Uptake of Radiostrontium by Thatcher Wheat: C. C. Lee .......................... 1921
Vitamin B: Requirement of a Marine Blue-Green Alga: C. Van Baalen .......................... 1922
Synthesis of Uracil under Conditions of a Thermal Model of Prebiological Chemistry: S. W. Fox and K. Harada .......................... 1923
Quantal and Graded Analysis of Dosage-Effect Relations: L. J. Cronbach and G. C. Gleser; S. Loewe .......................... 1924
Chromosomes of Lemurine Lemurs: E. H. Y. Chu and B. A. Swomley .......................... 1925
Evoked Cortical Activity from Auditory Cortex in Anesthetized and Unanesthetized Cats: N. Y. S. Kiang, J. H. Neame, L. F. Clark .......................... 1927
Clay Mineral Composition of Sediments in Some Desert Lakes in Nevada, California, and Oregon: J. B. Droste .......................... 1928

Departments
New Products; Plant Physiologists; Forthcoming Events .......................... 1947

Cover
Capillary network at the juncture between vertical and longitudinal muscle bundles in the tongue of the rat. The blood vessels are revealed by their specific reactivity for alkaline phosphatase (× 420). [Richard A. Ellis, Brown University]
Science 133 (3468), 1883-1965.