

CONTENTS

ORIGINAL PAPERS

Physics. The relation between color temperature, apparent temperature, true temperature, and monochromatic emissivity of radiating materials. PAUL D. FOOTE	317
Physics.— Luminosity and temperature of metals. PAUL D. FOOTE	323
Crystallography.— Crystals and crystal forces. F.E. WRIGHT	326
Mineralogy.— Xanthophyllite in crystalline limestone. ARTHUR S. EAKLE	332
Botany.— Pamburus, a new genus related to Cirrus, from India. WALTER T. SWINGLE	335
Ethnobotany.— Polynesian names of sweet potatoes. O.F. COOK and ROBERT CARTER COOK	339
Physiology.— The basal energy requirement of man. EUGENE F. DUBoIS	347

ABSTRACTS

Terrestrial Magnetism	358
Physics	358
Radiotelegraphy	359
Geology	360
Botany	360

PROCEEDINGS

The Philosophical Society	361
The Biological Society	362