

CONTENTS

ORIGINAL PAPERS

Oceanography.— On the temperature of the water below the 500-fathom line on the west coast of South and North America. AUSTIN H. CLARK	413
Physics.— Constants of spectral radiation of a uniformly heated inclosure or so-called black body, II. W.W. COBLENTZ	418
Physics.— A study of the inductance of four-terminal resistance standards. FRANCIS B. SILSBEY	419
Chemistry.— The determination of aluminium as oxide. WILLIAM BLUM	421
Paleontology.— Oligocene fossil eggs. EDWARD L. TROXELL	422
Botany.— Pleiospermium, a new genus related to Citrus, from India, Cey- lon, and Java. WALTER T. SWINGLE	426
Physiology.— Studies on the mineral elements in ;animal nutrition. E.B. FORBES	431

ABSTRACTS

Physics	447
Photometry	447
Geology	449
Mineralogy	453
Botany	454

REFERENCES

Paleontology	455
Botany	455
Forestry	457
Phytopathology	457
Plant Physiology	458
Evolution	459
Entomology	450
Physiology	463
Pathology	453
Technology	463