

ORIGINAL PAPERS

Physics.— The virial theorem for nonholonomic systems. R.J. Seeger	461
Chemistry.— 5-Chloroveratralippuric acid and some of its derivatives. Raymond M. Hann. Communicated by R.E. Gibson	464
Botany.— Additional Costa Rican Mosses, III. Edwin B. Bartram	467
Botany.— Two new grasses, one from Tennessee, one from Argentina. A.S. Hitchcock	480
Zoology.— New experimental hosts for <i>Brachylaemus virginianus</i> (Dickerson) Krull. Wendell H. Krull	483

PROCEEDINGS

Geological Society	486
SCIENTIFIC NOTES AND NEWS	495
NEWS BRIEFS	499
PERSONAL ITEMS	499