chemicals on growth in protozoa at the agronomist, U. S. Military Government in Korea, vice-chairman. Branch societies, one each in Kyonggi Do and Kang Won Do provinces, were organized earlier and have been holding regular meetings.

The New York Academy of Medicine has recently organized a Section on Microbiology. The main objectives of this section will be the encouragement of the exchange of information among microbiologists and the promotion of ready contacts between clinical and laboratory investigators. The Fellowship of the section will be broad, including not only those who have a direct interest in microbiology, but also those who deal with microbiology in their primary functions as clinicians or scientists in other branches. The officers of the new section are: Gregory Shwartzman, Mount Sinai Hospital, chairman; Harry Most, New York University College of Medicine. secretary; and René J. Dubos, Rockefeller Institute for Medical Research, Frank L. Horsfall, Jr., Rockefeller Institute for Medical Research, Colin M. MacLeod, New York University College of Medicine, Ralph S. Muckenfuss, Research Laboratories, New York City Health Department, and John G. Kidd, Cornell Medical College, advisory committee.

has acquired a large and important collection of plants from Ecuador, assembled and presented by M. Acosta Solis of that country. According to Julian A. Stevermark, assistant curator of the herbarium, this is the largest collection from Ecuador so far received by any institution. It is also one of the largest from a South American country to have reached the Museum.

Make Plans for-

Fifth International Pediatrics Congress, July 14-17, Waldorf-Astoria Hotel, New York City.

Symposium on Sound, July 21-22, University of Utah, Salt Lake City.

Conference on Algebra, July 25-28, University of Michigan, Ann Arbor.

American Association for the Advancement of Science, 114th Meeting, December 26-31, Chicago, Illinois.

COMMENTS by Readers

used incorrectly by systematists and their of Masticophis bilineatus Jan 1863, and colleagues than availability and validity. Coluber arizonae Boulenger 1894 is a The words are often erroneously used nomenclatural synonym of Arizona eleinterchangeably and even with still a gans Kennicott 1859. Only an available third meaning. Actually, three clear-cut name whose "title" to a species is clear concepts are involved: (1) simple pro- (i.e. which is neither a synonym nor a posals of names, whether in compliance homonym of an earlier name) can be with "legal" requirements or not; (2) valid. "legally" acceptable proposals; and (3) 'legally" acceptable proposals which can there can be only one valid name for a be recognized. An understanding of these species, although there may be several concepts and the proper expression for available names and even more occupied each would greatly simplify and clarify names. Likewise, it is apparent that while nomenclatural discussions. The frequency with which they are inadequately distinguished has led to almost endless con- M. SMITH, Department of Zoology, Univerfusion.

For example, all of the following are occubied: Scincus americanus Petiver 1711, Henicognathus annulata cyclura Physiol., 1947, 22, 77-87) observed that Cope 1886, Coluber novae Hispaniae the invertase of bottom fermentation Gmelin 1788, Bascanium semilineatum yeast differed markedly from that of top Cope 1891, Coluber arizonae Boulenger yeast in the effectiveness with which it 1894, and Salvadora grahamiae Baird hydrolyzed the levulins in the residue and Girard 1853. All have been published of the 89 per cent ethanol extract of Chicago Natural History Museum in journals or books generally available to guayule plants, Parthenium argentatum the public. Accordingly, any name, once A. Gray. It is of interest to compare this published, is occupied; it may be avail- observation on the hydrolysis of levulins able and/or valid or not.

> 1711, Henicognathus annulata cyclura hydrolysis of inulin $[\beta$ -D-furanofructosi-Cope 1886, and Coluber novae Hispaniae dase activity] was an aspect of the in-Gmelin 1788 are not available (and there-vertase (sucrase or saccharase) of autofore cannot be valid), since each violates lyzed yeast (Lindner. Wschr. Braeu., at least one requirement of the Inter- 1900, 17, 713-716, 762-765; Kuhn. In national Rules of Zoological Nomen- Hoppe-Seyler's Z. physiol. Chem., 1923, clature. The first name is pre-Linnaean 129, 59-63; and especially Weidenhagen, (acceptable names must have been pro- as cited by Bamann and Myrbraeck in posed after January 1, 1758); the second Die Methoden der Fermentforschung, 1940, is a nomen nudum (no diagnosis or defi- p. 1900). Weidenhagen identified inulase nition accompanied the name); and the as β -h-fructosidase, although he found third is not binomial (acceptable names that his preparation hydrolyzed sucrose must be proposed in a binomial system 5,000 times as actively as it did inulin. of nomenclature, although they may be trinomial). Any name published in accordance with the International Rules of Zoological Nomenclature is both occupied and available, whether valid or not.

> grahamiae Baird and Girard 1853 is valid; ratio of the two kinds of activity in init was properly proposed and is a synonym vertase preparations from top fermentaof no other name. Bascanium semilin- tion yeast differed from the analogous

Perhaps no words are more often eatum Cope 1891 is a zoological synonym

It is obvious that, at any one time, all available names are occupied, not all occupied names are available. (HOBART sity of Illinois, Urbana.)

Recently, Traub and Slattery (Plant with reports of earlier work with inulin However, Scincus americanus Petiver in which it had been stated that enzymic

The data presented by Traub and Slattery show that under the experimental conditions top invertase hydrolyzed from 30 to 65 per cent more of the levulins present than were similarly Of the remaining names, only Salvadora hydrolyzed by bottom invertase. The