Dr. John K. Small read his announced paper: 'Notes on the Flora of Yadkin Valley, N. C.' He spoke of the character of the Yadkin River and the geology between Salisbury, N. C., and the district where the Yadkin becomes the great Pedee. He discussed the great similarity of Dunn's Mountain, N. C., and Stone Mountain, Ga., the fact strongly emphasized by the local species common to both localities. He then gave a running account of the general floral features of the Yadkin Valley and summarized the phenomena as follows:

I. Several new species have lately been discovered in that region, viz: *Acer leucoderma. Solidago Yadkinensis* and *Quercus Phellos* ×=*Q. digitata.*

II. Several typical members of the prairie or *plains* flora are perfectly at home there, as *Scutellaria campestris* and *Solidago radula.*

III. Plants thought to be confined to the granite outcrop of Georgia are common, viz: *Arenaria brevifolia* and *Diamorpha pusilla.*

IV. Alleghenian or subalpine species as *Waldsteinia fragarioides* and *Anemone trifolia* occur there.

V. One species, *Lotus Helleri*, is *endemic.*

VI. A typically northern and very local species *Solidago Purshii* reaches a greater development, and is more abundant than elsewhere.

VII. A normally tropical species *Portulaca pilosa* abounds in certain places.

VIII. Generally local plants are represented by *Clematis ochroleuca, Verbena riparia, Oxalis recurva* and *Aster ptarmicoides Georgianus.*

Remarks were made and a discussion followed on the growth of plants in regions which for long periods at a time are devoid of rain.

A number of cut flowers of *Arethusa bulbosa* were presented to the members by Miss Rachel Farrington, of Lakewood, N. J.

W. A. BASTEDO,
Secretary pro tem.

KANSAS UNIVERSITY SCIENCE CLUB.

AT the twelfth annual meeting, held at Snow Hall on June 4th, the following program was presented:

On *Hesperornis*, S. W. Williston; The Groups of Motive in the Plane, H. B. Newson; The Motion of a Semispherical Shell on a Horizontal Plane, A. Emch; New Methods of Demonstration in Botany, M. A. Barber; Theory of the Satellites of the Earth and Mars, E. Miller; Stratigraphy of the Fort Benton, W. N. Logan; Construction and Use of an Interference Refractometer, M. E. Rice; A New Species of Sabre-toothed Cat, E. S. Riggs; On Double Sulfates, H. P. Cady; Further Investigations regarding the Constituents of the Dandelion Root, L. E. Sayre; Analysis of a Gypsum from Marshall County, L. Page; Analysis of House Paints, W. R. Mason and E. L. McCoy; Certain Principles in the Construction of Disruptive Discharge Coils, A. St.C. Dunstan; Some Conditions Governing the Deposition of the Lead and Zinc Ores in Southeast Kansas, E. Haworth; Variable Constitution of a Fresh Egg, James Lear and L. E. Sayre; Comparative Chaetotaxy of Diptera, H. W. Menke; Analysis of 'Natural Plaster' from Reno County, L. Page.

NEW BOOKS.

Thirteenth Annual Report of the Bureau of Ethnology. J. W. POWELL. 1891–2. Washington, Government Printing Office. 1896. Pp. lix+462.

Year Book of the United States Department of Agriculture, 1895. Washington, Government Printing Office. 1896. Pp. 656.

Report of Work of Agricultural Experiment Stations of the University of California for the Year 1894–95. Sacramento. 1896. Pp. xii+481.

Lehrbuch der vergleichenden Mikroskopischen Anatomie der Wirbeltiere. ALBERT OPPEL. Erster Teil. Der Magen. Jena, Gustav Fischer. 1896. Pp. viii+543.

Anleitung zur Microchemischen Analyse. H. BEHRENS. Heft III. Hamburg and Leipzig, Leopold Voss. 1896. Pp. vii+135.

Official Year Book of the Scientific and Learned Societies of Great Britain and Ireland. London, Charles Griffin & Co., Lt'd. 1896. Pp. iv+262. 7s. 2d.

Long Life. Volume III. C. A. STEPHENS. The Laboratory, Norway Lake, Maine. 1896. Pp. 218.

The Oswego Normal Method of Teaching Geography. AMOS W. FARNHAM. Syracuse, N. Y., C. W. Bardeen. 1896. Pp, 127. 50 cts.