

that the tetanus poison reaches the ganglia of the central nervous system, not by way of the circulation, but along the peripheral nerves.

YANDELL HENDERSON.

YALE UNIVERSITY.

SCIENTIFIC JOURNALS AND ARTICLES.

THE *Botanical Gazette* for November contains the following leading articles: G. T. Moore has published, with three plates, his second paper entitled 'New or Little Known Unicellular Algæ,' giving a detailed account of the life history of *Eremosphæra viridis*, and coming to the conclusion that for the present, at least, the genus should be classed with the Protococcoideæ; and also describing as a new genus a form which has been confused heretofore with *Eremosphæra*, and naming it *Excentrosphæra*. T. C. Frye has published, with one plate, an account of the development of the pollen in certain Asclepiadaceæ, his investigation having been suggested by the record that in certain members of this family there is no tetrad division. The development of the sporangium was found to be of the general type, the primary sporogenous cells passing over directly into pollen-mother cells; these latter divide in the usual tetrad manner, but subsequently through mutual adjustment the four spores are arranged in a linear series. Miss F. Grace Smith has published the results of a large number of observations upon the distribution of red color in vegetative parts in the New England flora. A general conclusion is reached that the statistical observations obtained fit no one theory of color in all particulars. Mr. George A. Shull has published, with illustrations, the results of observations upon 'Some Plant Abnormalities.' He records instances of fasciation in *Erigeron canadense* and *Echium vulgare*; abnormal foliage leaves in *Pelargonium* and *Hicoria*, and abnormal floral organs in *Lathyrus odoratus*, as well as in certain species of *Clematis*. Under the head of 'Briefer Articles,' E. B. Copeland has discussed Meissner's paper on evergreen needles, answering certain criticisms of the author, and presenting new observations; M. L. Fernald publishes a final paper upon the instability of the Rochester nomenclature, being an answer to papers of Messrs. C. L. Pollard, L. M.

Underwood and N. L. Britton; and Charles Robertson has published a third set of observations of flower visits of oligotrophic bees.

ANNOUNCEMENT has been received of the establishment of a new scientific journal entitled *Archivio Italiano di Anatomia e di Embriologia*, under the editorship of Professor Chiarugi, of Florence, already favorably known as the editor of the excellent little journal, the *Monitore Zoologico*. It is published with the cooperation of the professors of anatomy of Pisa, Padua, Sienna, Perugia, Ferrara, Genoa, Catania and Bologna. There has been a great awakening of anatomical and embryological study in Italy, but it has long been a matter of regret that although many important investigations have been published they have appeared in the proceedings of societies or in journals of very limited circulation, so that it has been very difficult for foreigners to secure access to this Italian work, much of which is extremely valuable. We shall, therefore, welcome a journal which will gather together and render more thoroughly accessible the results of anatomical and embryological research in Italy. The list of supporters of the new enterprise is a guarantee of its high character so that we may reasonably expect the new journal to rank as the equal of the best French and German journals. The subscription price for America is 31 francs, 50 centimes. The publisher is Luigi Niccolai, Via Faenza 44, Florence, Italy.

SOCIETIES AND ACADEMIES.

THE ANTHROPOLOGICAL SOCIETY OF WASHINGTON.

THE 322d meeting was held November 19. Dr. Walter Hough occupied the session with an account of the explorations among the ancient pueblos of northeastern Arizona, carried on by him last season. The paper was illustrated with maps and selections of artifacts from the two thousand specimens secured during the work. The paper was discussed by F. W. Hodge, J. D. McGuire, Hon. H. M. Baker, Mrs. Matilda C. Stevenson, and President W. H. Holmes.

The 323d regular meeting was held December 3. Mr. S. P. Langley presented a paper on 'The Fire Walk of the Tahitians.' Mr. Langley