

**Indian Chemical Society:**

September 1939.—SHARIFUDDIN WARSII AND SALIMUZZAMAN SIDDIQUI: The constituents of *Didymocarpus Pedicellata*—Part III. Isolation of a sesquiterpene and two polyterpene products and examination of the fatty matter. K. P. BASU AND M. C. MALAKAR: Calorific values of Indian foodstuffs. PANCHANAN NEOGI AND KANAI LAL MANDOL: Co-ordinated copper compounds with propylenediamine. N. L. VIDYARTHI AND C. J. DASA RAO: Fatty acids and glycerides of the fat from the seeds of *Garcinia Indica* (kokum butter). N. L. VIDYARTHI AND M. VENKATESH MALLA: Fatty acids and glycerides of the oil from *Sapota* seeds (*Achras Sapota*). K. P. BASU AND K. GUPTA: The role of vitamins and calcium in the diet in the utilisation of proteins. PHULDEO SAHAY VARMA, N. B. PAREKH AND V. K. SUBRAMANIAM: Halogenation—Part XXI. Direct replacement of aromatic sulphonic groups by chlorine and bromine atoms. N. R. DHAR AND E. V. SESHACHARYULU: New aspects of nitrogen fixation and conservation in the soil—Part III. Influence of light on bacterial numbers and nitrogen fixation. PHULDEO SAHAY VARMA AND (MISS) K. M. YASHODA: A note on the iodination of a few halogenated phenols. N. L. VIDYARTHI AND M. VENKATESH MALLA: A note on the occurrence of an isomer of ricinoleic acid in the fatty oil from the seeds of *Vernonia Anthelmenitica*.

**Indian Botanical Society:**

September 1939.—SAYEEDUDDIN, M., AND MOINUDDIN, M.: Anatomical study of *Holmskioldia sanguinea* Retz. (Verbenaceae). KRISHNA IYENGAR, C. V.: Development of embryo-sac and endosperm-haustoria in some members of *Scrophulariaceae*—III. *Limnophila heterophylla* Benth. and *Stemodia viscosa*, Roxb. FOTIDAR, A. N.: The primary vascular system of the stem of *Nyctanthes arborescens* L. SULTAN AHMAD: Higher fungi of the Punjab plains—I. The

*Gasteromycetaceae*. FOTIDAR, A. N.: An example of a naked ovule in *Galphimia gracilis*. PARIJA, P. AND SAMANTARAI, E.: March of transpiration of a leaf since its measurable stage to its fall. SÂNE, Y. K.: A contribution to the embryology of the *Aponogetonaceae*.

**The Geological, Mining and Metallurgical Society of India:**

The recent numbers (Vol. XI, Nos. 1 and 2) of the quarterly journal of the above Society contain several papers of geological and metallurgical interest. Of these the following may be mentioned: *Geology of the area around Phonda and parts of Bauda Jahgir (Ratnagiri Dt., Bombay)* by R. D. GODBOLE, and *Geology and petrology of the iron ore deposits of Mandi State, Punjab*, by S. K. ROY AND A. N. MUKHERJEE. A paper by D. SWARUP AND T. V. N. KIDAO records certain valuable observations on the "Heat treatment of high carbon stainless steels".

The Society has also recently published a Bulletin on "The uses and applications of sheet and waste mica" by the well-known mica specialist Ramani Ranjan Chowdhury, in which quite a lot of useful information has been condensed, which is sure to be of great value to those interested in the development of the mica industry in India.

**Meteorological Office Colloquium, Poona:**

October 12, 1939.—A. K. MALLIK: *Sorption with special reference to the exchange of moisture between the air layers near the ground and soil and plant materials*.

October 19, 1939.—DR. N. K. SUR: *A discussion of some sounding balloon ascents during a depression in July 1937*.

October 27.—C. RAMASWAMY: *Petterssen's paper on some aspects of formation and dissipation of fog*.

**Errata**

1. Vol. 8, No. 10, October 1939, page 470:—  
Column 1, last line of the first paragraph: for "Kamai Lal Mandal" read "Kanai Lal Mandal".

2. Vol. 8, No. 11, November 1939, page 512:—  
Note entitled "Condensation of Chalkones with Flavanones":

Column 1, line 4, for  $\text{Ph} \cdot \text{CO} \cdot \text{CH} = \text{CO} \cdot \text{Ph}$  read  $\text{Ph} \cdot \text{CO} \cdot \text{CH} = \text{CH} \cdot \text{Ph}$ .

Column 2, line 1, for "pulverisodium" read "pulverised sodium".

Column 2, line 2, for "the last two being" read "the last two reagents being".