

| Date | Intensity of shock | Time of origin I.S.T. | Epicentral distance from Bombay | Co-ordinates of epicentre (tentative) | Depth of focus |
|------|--------------------|-----------------------|---------------------------------|--|----------------|
| 1 | Great | H. M. | (Miles) | | (Miles) |
| 5 | Moderate | 20 48 | 2970 | Lat. 41° N., Long. 72° 5 E., near Samar- khand. | .. |
| 6 | Great | 8 26 | 1490 | Lat. 33° 5 S., Long. 73° 5 W., near Valparaiso South America. | .. |
| 9 | Moderate | 22 37 | 10120 | Lat. 8° 5 S., Long. 138° E., near New Guinea. | 100 |
| 11 | Moderate | 15 19 | 4810 | .. | .. |
| 12 | Slight | 21 16 | 4490 | .. | .. |
| 13 | Slight | 10 44 | 3190 | .. | .. |
| 15 | Slight | 02 13 | 4290 | .. | .. |
| | | 18 05 | 10070 | .. | .. |

ANNOUNCEMENT

Dr. S. S. Aiyar.—We are glad to announce that Dr. Swaminath Subrahmanya Aiyar, B.A. (Madras), M.Sc., Ph.D. (Wisconsin, U.S.A.), F.I.C., C.R.E.S., formerly for many years Chemical Examiner at the Custom House, Bombay, and recently Chemical Examiner at the Central Revenues Chemical Laboratory, has succeeded Dr. H. B. Dunnicliff, C.I.E., M.A. (Cantab.), sc.D. (Dublin), F.I.C., I.E.S., as Chief Chemist, Central Revenues Chemical Service.

We wish to offer our heartiest felicitations to him on this occasion. We should like to add that the Central Revenues Chemical Service now has an entirely Indian personnel, the first service in India to have this distinction.

Dr. H. B. Dunnicliff.—We are happy to announce that Dr. H. B. Dunnicliff has been entertained as Director in the Chemicals Directorate of the Directorate-General of Supply. The Government of India deserve praise for their foresight in requisitioning the services of such an experienced scientist and an able administrator for promoting the war effort.

Agra University.—Mr. R. Prasada, M.Sc., Assistant Mycologist in the Scheme of Investigations on Cereal Rusts under the auspices of the Imperial Council of Agricultural Research, has been awarded the D.Sc. degree on a thesis entitled "Morphological and Physiological Studies in Rusts".

We acknowledge with thanks the receipt of the following:—

"Journal of the Royal Society of Arts," Vol. 90, No. 4624; and Vol. 91, Nos. 4627, 4629, 4631 and 4632.

"Journal of Agricultural Research," Vol. 65, No. 11.

"Agricultural Gazette of New South Wales," Vol. 54, Pt. 2.

"Annals of Biochemistry and Experimental Science," Vol. 2, No. 4.

"Journal of the Indian Chemical Society," Vol. 20, No. 2.

"Journal of Chemical Physics," Vol. 10, No. 12; and Vol. 11, Nos. 1 and 2.

"Chemical Products and the Chemical News," Vol. 6, Nos. 3-4.

"Experiment Station Record," Vol. 87, Nos. 5 and 6.

"Transactions of the Faraday Society," Vol. 39, Pt. 1.

"The Review of Applied Mycology," Vol. 22, No. 1.

"Nature," Vol. 150, Nos. 3807, 3813, 3814, 3816, and 3817; and Vol. 151, Nos. 3820, 3821 and 3823.

"American Museum of Natural History," Vol. 51, No. 2.

"Journal of Research of the National Bureau of Standards," Vol. 29, No. 5.

"Canadian Journal of Research," Vol. 20, No. 12.

"Science," Vol. 96, No. 2500; and Vol. 97, Nos. 2505, 2506 and 2508.

"Indian Trade Journal," Vol. 149, Nos. 1921-24.

BOOKS

Radio Receiver Design, Part I.—Radio Frequency Amplification and Detection. By K. R. Sturley. (Chapman and Hall, London), 1943. Pp. xii + 435. Price 28sh.

High Frequency Thermionic Tubes. By A. F. Harvey. (Chapman and Hall, London), 1943. Pp. viii + 235. Price 18sh.

A Treatise on Physical Chemistry, Vol. I.—Atomistics and Thermodynamics. Edited by H. S. Taylor and S. Glasstone. (Macmillan & Co., Ltd., London), 1942. Pp. vii + 679. Price 42sh.

Marriage and Family in Mysore. By M. N. Srinivas. (New Book Co., Hornby Road, Bombay), 1942. Pp. 218. Price Rs. 7-8-0.

The Economic Background. By K. T. Shah, P. J. Thomas; J. C. Kumarappa, Sir Datar Singh and Sir Jehangir Coyajee. (Oxford University Press, Madras), 1942. Pp. 64. Price As. 8.

Prism and Lens Making, A Text-Book for Optical Glassworkers. By F. Twyman. (Adam Hilger, Ltd., London), 1942. Pp. iii + 178. Price 15sh. Postage 5d. extra.

ERRATUM

Vol. 12, p. 119, note entitled "Synthesis of Sulphanilamide Derivatives of Thianthrene", para 2, line 6: The melting point of the diamine should be 102° C. and not 120° C. as printed.