

now much greater than at the higher ages. "Until recently, very little encouragement was given to females to keep up their previously acquired knowledge after marriage, and many soon forgot what they had learned at school. But the main reason no doubt is that at the present time education is spreading very rapidly amongst them, and the number which is being taught in the schools is very much larger than even a decade ago." Female education is checked by the seclusion of women in the higher classes and by the early age of marriage. The results of this prevailing ignorance are shown in the high death-rate among young women, due to want of fresh air, inefficient midwifery, hard work at the critical period of life, and neglect of girl babies due to hypergamy. As Miss Boyd, the secretary of the Women's University Settlement, Bombay, pointed out, the Indian woman in childbirth has less chance of life than a soldier on the battlefield. Lord Sydenham remarked that nothing had touched the Indian soldiers in France and Belgium more than seeing how the women helped the men in those countries. More active sympathy between English ladies in India towards their native sisters, leading to the establishment of women's clubs, zenana visiting, employment of Indian women in the medical and nursing professions, etc., is greatly to be desired. At the present time the way is open, without any violent disturbance of existing social conditions, to ameliorate the condition of women and children in our Indian Empire.

SOCIETIES AND ACADEMIES.

PARIS.

Academy of Sciences, September 24.—M. Camille Jordan in the chair.—G. SIZES: Practical modifications of the "law of resonance of sonorous bodies" and correction to the note on Chinese gongs.—M. Travers: A new separation of tin and tungsten in wolframs containing tin. The mineral is fused with sodium sulphite, the aqueous solution slightly acidified, and the impure stannous sulphide, which is free from tungsten, filtered off. The tungsten is determined in a separate sample, opening up with sodium sulphite fusion as before.—M. Baudouin: A new disease of *Clupea spratta*, caused by a parasitic Copepod, *Lernoeenicus sardinae*.—P. Wintrebert: The gastrula of *Scyllium canicula*.—L. Lapicque: The separation of bran and the food yield of wheat. The calorific value, and hence the food value, of bread increase with the amount of bran extracted in the process of milling, so that white bread is more nutritious than wholemeal bread. It is pointed out, however, that, taking into account the percentage of white flour obtained for a given weight of wheat, a higher nutritive value is obtained with a wholemeal bread, since white flour rejects about 28 per cent. of the wheat. The 85 per cent. extraction now practised in France appears to be beneficial.—G. A. Le Roy: The use of glucosates of lime in bread-making. Glucosates of lime may be employed with advantage from the points of view of taste and keeping power in the place of lime-water, for improving bread made from flour containing a high proportion of bran, such as the 85 per cent. extraction in current use.

BOOKS RECEIVED.

Histology of Medicinal Plants. By Prof. W. Mansfield. Pp. xi+305. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 13s. 6d. net.

Manual for the Essence Industry. By E. Walter. Pp. iii+427. (New York: J. Wiley and Sons, Inc.; London: Chapman and Hall, Ltd.) 18s. 6d. net.

NO. 2502, VOL. 100]

Practical Cheesemaking. By C. W. Walker-Tisdale and W. E. Woodnutt. Pp. 182. (London: Headley Bros., Ltd.) 4s. 6d. net.

Through Lapland with Skis and Reindeer, with some Account of Ancient Lapland and the Murman Coast. By F. H. Butler. Pp. xii+286+4 maps and illustrations. (London: T. Fisher Unwin, Ltd.) 12s. 6d. net.

Mémoires de la Société de Physique et d'Histoire Naturelle de Genève. Vol. xxxviii., fasc. 6. (Genève: Georg et Cie.) 25 francs.

The Road and the Inn. By J. J. Hissey. Pp. xviii+435+32 illustrations. (London: Macmillan and Co., Ltd.) 10s. net.

About Winchester College. By A. K. Cook. To which is prefixed *De Collegio Wintoniensi*. By R. Mathew. Pp. xvii+583. (London: Macmillan and Co., Ltd.) 18s. net.

DIARY OF SOCIETIES.

THURSDAY, OCTOBER 11

OPTICAL SOCIETY, at 8.—The Grading of Carborundum for Optical Purposes: J. W. French.

TUESDAY, OCTOBER 16.

INSTITUTION OF PETROLEUM TECHNOLOGISTS, at 8.—Testing and Standardisation of Motor Fuel: E. L. Lomax.

WEDNESDAY, OCTOBER 17.

ROYAL MICROSCOPICAL SOCIETY, at 8.—Report on the Recent Foraminifera Dredged off the East Coast of Australia by W. B. Thornhill, H.M.S. *Dart*, Station 19 (May 14, 1895): H. Sidebottom.—Mounting and Preserving Marine Biological Specimens: F. Martin Duncan.

ENTOMOLOGICAL SOCIETY, at 8.

FRIDAY, OCTOBER 19.

INSTITUTION OF MECHANICAL ENGINEERS, at 6.—A Comparison of the Working Costs of the Principal Prime Movers: O. Wans.

CONTENTS.

	PAGE
Marshall's "Explosives"	101
The Car and its Design	102
Our Bookshelf	103
Letters to the Editor:—	
The Modern Range-finder.—James Weir French ;	
Prof. C. V. Boys, F.R.S.	104
A Plea for the Fuller Utilisation of Coal.—Prof.	
K. C. Browning ; Major Arthur J. Martin	104
The Harvest Moon.—C. T. Whitmill	105
Folk-lore and Local Names of Woodlice.—Dr.	
Walter E. Collinge	105
The Convolvulus Hawk-moth.—J. Laker	105
Organisation of Chemical Industry after the War	106
The Stellenbosch Meeting of the South African	
Association	107
The Physique of Recruits	109
Prof. Charles Latham	110
Notes	110
Our Astronomical Column:—	
Ephemeris of Encke's Comet	115
The New Star in N.G.C. 6946	115
Work-hardened Metals. By H. C. H. C.	115
Brilliant Fireball of October 1. By W. F. Denning	116
The Task of British Agriculture	116
Chemical Laboratory Porcelain. By Henry Watkin	117
University and Educational Intelligence	118
Societies and Academies	120
Books Received	120
Diary of Societies	120

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