

expected. A very late October full moon is the least promising of all, for then only one prominent peak occurs in the fishery. The period of good fishing is therefore very short, and if it should happen that the activities of the fishing fleet be restricted by adverse weather conditions at this time, the chances of a successful fishery in that season are extremely slight.

The occurrence of these peaks in the curves of landings during the weeks of full moon is held to be more than coincidence, and the data certainly appear adequately to support this view. The authors are at a loss, however, to suggest an explanation for this correlation between the yield of the East Anglian herring fishery and a phase of the moon. This task is made all the more difficult by the fact that the same correlation is not exhibited by the herring fisheries in other localities. Either there is no obvious correlation at all between the landings and the moon's phase—as in the Scottish fisheries—or the peaks occur during a different phase of the moon—as at North Shields, where the maxima occur during the 'first quarter'.

It should be emphasised, however, that failure to find an explanation of the influence exerted by the moon on the great East Anglian fishery in no way detracts from the value of the observations which have demonstrated its existence. The authors are therefore to be congratulated upon having fully achieved the two-fold object of their investigations. In a notable advance towards the making of more accurate forecasts of fluctuations in the yield of an important fishery, they have succeeded also in adding materially to the sum of our knowledge concerning lunar periodicity in the behaviour of animals.

G. A. S.

University and Educational Intelligence

CAMBRIDGE.—The Vice-Chancellor announces a further gift from Dr. G. P. Bidder, of Trinity College, for the benefit of occupants of the Cambridge table at the Zoological Station in Naples. For three years Dr. Bidder has made annual payments of 5,000 lire into a Naples bank for the maintenance of occupants of the table during their sojourn in Naples. He now offers to deposit in that bank securities which, by the use of principal and interest, will provide 5,000 lire annually for the same purpose, for a further period of ten years. The professor of zoology will have discretionary powers over the fund.

The Goldsmiths' Company has made a grant of £5,500 for defraying the expenses of an investigation of the alloys of silver, to be carried out in the Metallurgy Laboratory under the guidance of Prof. R. S. Hutton, professor of metallurgy at Cambridge. The grant is to be spread over three years.

AN American "Educational Review" published as a supplement to *School and Society* of December 1 conveys the impression that school teachers in the United States are to-day very much on the defensive. Awakened from a dream of heaven-ordained security, they recognise that they have lost much of the unquestioning popular reverence they and their predecessors enjoyed for generations, and are no longer taken seriously as oracles of civic wisdom. If the President's 'new deal' is to provide old-age pensions and unemployment insurance, there will, it is felt, be a danger of these social services being financed in part by encroaching on school budgets. The same review comments on the progress of adult

education with special reference to an 'alumni education' movement which is peculiar to America. Among its manifestations are mentioned a three-day conference at Seattle on present-day economic and political problems, in which a thousand alumni of the University of Washington participated, similar conferences of alumni of other universities and an annual two-week Institute of Public Affairs organised by the University of Virginia.

Science News a Century Ago

The Entomological Society

The anniversary meeting of the Entomological Society was held on January 26, 1835, J. G. Children, Sec. R.S., the president, being in the chair. After the passing of the minutes and accounts, the president delivered an address in the course of which he congratulated the Society on the progress of entomology and the favourable report which had just been read, while the secretary followed with a sketch of the progress of the science at home and abroad. The officers elected for 1835 were: *President*, Rev. F. W. Hope; *Treasurer*, Mr. Yarrell; *Curator*, Mr. Pickering; and *Secretary*, Mr. Westwood.

Royal College of Physicians

The president of the Royal College of Physicians from 1820 until 1844 was Sir Henry Halford (1766–1844), who was physician in turn to George IV, William IV and Queen Victoria. On January 26, 1835, according to *The Times*, the evening meetings of the Society were commenced at the College in Pall Mall. Sir Henry Halford was in the chair and the meeting was attended by about seven hundred persons including many distinguished statesmen, lawyers and others. The meeting began at 9 o'clock and the company dispersed at 11 o'clock. The president, said *The Times*, read a very interesting paper containing some observations on the treatment adopted by medical men from a very early period, in the care of various complaints, and related many amusing anecdotes of the remedies they applied. He described the different complaints which terminated the lives of the monarchs who governed Great Britain, and also explained the circumstances attending the deaths of Addison, Dryden, Dean Swift and other distinguished characters.

Steam Navigation upon the Danube

Under the above heading, the *Athenaeum* on January 31, 1835, said: "Very gratifying accounts have recently been received of the progress of steam navigation upon this noble river. Under the auspices of the Austrian government, the whole region from Presburg to the Black Sea, and even to Constantinople, a distance of fifteen hundred miles, has lately been opened to the influence of steam. This project was first undertaken by Count Czechengi, a Hungarian nobleman of great fortune and very enlightened mind, who in quest of mechanical information, has made several journies to this country. Unlike the majority of the Hungarian nobles the Count has exhibited the most enthusiastic devotion to the improvement of his country, by the introduction of the useful arts, and his operations for improving the navigation of the Danube have been upon a scale so vast, as to entitle him to the appellation of the Bridgewater of the German States. . . ."