

error on p. 75, which I beg leave to acknowledge. By neglecting differential refraction in the determination of the value of a revolution of a micrometer screw (in the second of the three methods proposed) an error of about one part in 3,600 is introduced. That is, if the value of a revolution is  $18''$ , the effect of neglected refraction is  $0''.005$ .

Again, by a slip of the pen, p. 43, the author is made to say that "*In all cases* the refraction must be applied first." There is one exception that, in altitudes measured from the sea horizon, the correction for dip should be applied previous to the correction for refraction.

My statement concerning the surveyor's transit, that the time, latitude and azimuth "can easily be determined to an accuracy within the least readings of the circle" is the literal truth, so far as the methods given by me are concerned. I have not attempted to get everything possible out of the surveyor's transit, and why should I? If great accuracy is required, instruments and methods specially adapted to the solution of the problem, and described in the earlier chapters of the book, will be employed. Why should an astronomer make a fad of a surveyor's transit when he has an observatory full of instruments which will do his work better? No further explanation is needed for the reviewer's remark that the surveyor's transit 'has been strangely neglected by astronomers.'

W. W. CAMPBELL.

The reviewer, after careful consideration of Professor Campbell's remarks printed above, finds no reason to modify any of the opinions expressed in the review.

G. C. C.

#### FOEHN WINDS.

TO THE EDITOR OF SCIENCE: In connection with Professor Wilson's communication on Foehn Winds in SCIENCE for August 18th, I beg to say that the word *foehn* was misspelled *foehm* in the proof sent me from the publication office of this JOURNAL. I made the necessary corrections in the proof, but for some reason the final *m* was left standing, instead of being replaced by the *n*. Being away from Cambridge at the time, I did not notice the mistake in the final printing of my note (in SCIENCE for July 21st) until a few days ago, and hence it happened that

Professor Wilson anticipated me in making the necessary correction.

R. DEC. WARD.

HARVARD UNIVERSITY, DEPARTMENT OF  
GEOLOGY AND GEOGRAPHY.

#### SCIENTIFIC NOTES AND NEWS.

THE University of Mississippi has conferred the degree of LL.D. on Dr. Eugene A. Smith, of the University of Alabama.

THE following appointments under the Department of Agriculture are announced: Mr. W. A. Orton, of the University of Vermont, Assistant in the Division of Vegetable Physiology and Pathology, and Mr. Hermann von Schrenk, Special Agent in this division: Messrs. C. R. Ball, E. D. Merrell and P. B. Kennedy Assistants in the Division of Agrostology.

DR. W. PFEFFER and Dr. Zirkel, professors of botany and of mineralogy, respectively, at Leipzig, have been elected foreign members of the Accademia dei Lincei, of Rome.

THE Académie Internationale de Géographie Botanique has conferred its international scientific medal upon Professor John M. Coulter, of the University of Chicago.

PROFESSOR G. H. HOWISON, of the department of philosophy of the University of California, and Professor Irving S. Stringham, of the department of mathematics, will spend the coming academic year abroad.

PROFESSOR A. C. ARMSTRONG, JR., who holds the chair of philosophy in Wesleyan University, will be abroad during the coming year.

PROFESSOR J. MARK BALDWIN has been given a half year's leave of absence from Princeton University to see the *Dictionary of Philosophy and Psychology* through the press in England. He intends to sail on September 19th and wishes all the American contributions, proofs, etc., to be in his hands in the first week of September. His London address is care Messrs. Macmillan & Co. His courses at Princeton will be in the hands of Professor H. C. Warren.

THE funeral of Sir Edward Frankland took place at Reigate on August 22, the services being conducted by the eminent geologist Professor Bonney. Among those present were Lord Lister, Sir Frederick Bramwell, Sir Henry