

FELLOWSHIPS AND SCHOLARSHIPS

Recalling the arguments of the late President Eliot of Harvard University, we are of the opinion that the arguments applied by him to medical education are applicable to-day to the higher education of biologists. It is, we believe, necessary to regard graduate students seriously preparing themselves for the profession of teaching as working apprentices; that is to say, they should be studying not only their subject but should also be participating in teaching and receiving pedagogical training by way of preparing them for development in the field of teaching. We accordingly emphasize the acceptance of this principle, in which case it becomes evident that such students should receive a modest compensation for their work. This is the more important in view of the fact that it is very rarely that a man who is going forward to the higher degrees in biology has any resources of his own. If the principle is not admitted, it must be seen that the preparation for teaching and research in biology occupies the long period of at least seven years, and more probably eight or nine years. That a man should be unable to earn a modest living after he has completed his bachelor's course seems to us unreasonable.

The practical inference is that there should be provided a reasonable number of teaching fellowships for those proceeding to the Ph.D. degree and small scholarships for those proceeding to the M.Sc. degree. Having due regard to the economic outlet this department should at the present have not more than three such teaching fellowships and two or three scholarships. The teaching fellowships should be worth \$1,000.00 apiece, assuming that the summer is to be devoted to research work -- an important consideration in the field of botany. The scholarships for those proceeding to the master's degree should be from \$250.00 to \$500.00 according to circumstances, namely, the standard of scholarship already attained and ability to take part in demonstrating and in the other work of the department.

We further believe that such appointments should be made with the same sort of care as is used in making other appointments in the department -- only the very best candidates should be appointed, people of that type of mind and character who would make academic persons of a high order.