

life. It should be emphasised here that the economic outlet for graduates trained in botany in other countries has been found in this direction.

#### 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 emphasise 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