

bird it contained, as I could not afford to buy even a text-book of ornithology. I also copied with my own hand, having no means of purchasing the work, two volumes of Lamarck's '*Animaux sans Vertèbres*,' and my dear brother copied another half volume for me. I finally learned that the study of the things themselves was far more attractive than the books I so much coveted; and when, at last, large libraries became accessible to me, I usually contented myself with turning over the leaves of the volumes on natural history, looking at the illustrations, and recording the titles of the works, that I might readily consult them for identification of such objects as I should have an opportunity of examining in nature.

"After spending in this way two years in Zurich, I was attracted to Heidelberg by the great reputation of its celebrated teachers, Tiedemann, Leuckart, Bronn, and others. It is true that I was still obliged to give up a part of my time to the study of medicine, but while advancing in my professional course by a steady application to anatomy and physiology, I attended the lectures of Leuckart in zoölogy, and those of Bronn in paleontology. The publication of Goldfuss's great work on the fossils