

Pseudo-neuroptera, 979; Neuroptera, 454; Hymenoptera, 523; Galls, 171; Spiders, 644; Parasites, 208; Hemiptera, 57; Orthoptera, 14 (the last two orders are not arranged, and the rich biological material of the alcoholic collection of the Museum is not placed in vials); besides a large number not yet arranged in the boxes of the different orders. There are about 7,800 vials in use. The larger part of the collection presented by Mr. F. G. Schanpp, and the very large collection of the Peabody Academy, are not included in the above enumeration. For want of space, they have been stored provisionally in large glass jars filled with alcohol, in which the small vials with cork stoppers are placed.

Of the 7,800 vials with rubber stoppers, perhaps two-thirds were filled and labelled 10 and 12 years ago, the others in the successive years, half of them three years ago. More than half are of a size needing stoppers of 8 to 12 m. m. at the smaller end; two-thirds of the rest of 14 to 18 m. m.; the rest with larger ones 30 to 37 m. m. (milk stoppers), and a few as large as 42 m. m. Some vials, at times a large number, were opened for identification and study of the contents. A very small number had to be changed every year, and these were closed with pieces of rubber rope (of 6, 10, 12, 16, 25 m. m. diameter), which was used as an experiment, but proved to be unsuccessful. In addition to these, in each year during late years three or four of a certain size needed to be changed. These vials, 65 m. m. long by 8 m. m. broad, were closed by stoppers, which had to be forced 16 m. m. into the vials. The alcohol began to evaporate, the vials turned easily on the corks, which is never the case in well closing vials; the part of the stopper in the vial was somewhat smeared, and had lost its elasticity. Indeed these stoppers would have served probably longer by re-filling, but for greater safety they have been always changed. All these vials were closed twelve years ago, and they began to give out during the last few years. The part of the stopper outside of the vial always bulged out considerably, so that by this mark alone the vials to be changed were easily noticed. A part of these stoppers were not well made; when cut they are not solid throughout, but filled with numerous holes, representing a kind of fibrous tissue. The strong depression in the rubber trade during late years has caused the use of poorer material in vulcanizing; some numbers of the smaller sizes are now decidedly bad. Nevertheless, of all stoppers in use, less than one per mille gives out every year after twelve years' use, and in the first six years probably only one per two mille. Stoppers of the larger size keep