A PLEA FOR NATURAL HISTORY MU SEUMS.

BY PROP. 8. H. TROWDRIDGE.

in museums and manageries are. And even circus managers are shrawd enough to antici

the Greeks were instituted for a similar pur what organisms belong there and can get a intended to accomplish a similar end there, pose. Heathen culture of past ages ought not good idea of the country without going to see and such a commission or department in our to shame the intelligence of the present day. The committee appointed to establish a memorial to the late Prof. Louis Agassiz decided scientific material is a matter for very serious that "The most fitting memorial must be the consideration. This unintentional, though not that "The most fitting memorial must be the consideration. This unintentional, though not completion of his life's work. The completion less impoverishing vandalism, is lamentably of the museum in accordance with his plans frequent and prevailing. Skeletons, pottery, and its liberal endowment, would be of infinite stone and flint implements, and other remains. value to the educational interests of the whole of our pre historic inhabitants are frequently couraging and fostering original investigation country." Dr. Newberry, State Geologist of plowed up in the fields. They attract a mode As the question of evolution or of creation is Ohio and Professor in Columbia College, New ment's notice, perhaps, are picked up then racking the whole scientific and religious world. York, says in regard to natural history collectiand and controved by the plant till they broken carries of all life in chronological order. tions: "To the public at large they arrest at are crushed and scattered by the plow till they broken series of all life in chronological order tention and excite interest, the first step to are rendered unterly worthless. Mastodon and for examination, the vast importance of exten ward scientific education in the individual or other remains often share the same fate. It is community" The late Joseph Henry, of the exceedingly trying to the sensibilities of a love Smithsonian Institution, also says: "They are er of nature to see the almost criminal carewell calculated to arrest attention and give lessness of the unappreciating possessors of definite impressions." Dr. Winchell, of Michi these instructive objects. Sometimes they are gan University, says: "A donation of natural held, from some indefinable fancy, with a ten history specimens is a monument not only acity which might argue a love of nature, and acre perennius but acre utilius Would that yet the way the precious things are abused and our people might learn like the Germans, to ruined dispels at once this charitable delusion, place less faith in brick and mortar, and more and is often enough to stir up the righteous in in books and the materials of science." Seeing dignation of a saint. May not the lover of

cators because they call attention to natural men for him as a curator of a growing museum,

equally potent in the same direction. A com- whole ruined by the nocks and kicks it receive To the increasing number of those who give especial attention to the study of science, the tribution and grouping in different localities, could readily command valuable returns to effort to impress the importance of natural history collections may seem superfluous. Not tained in any other taxts which can hardly be obtained possessing them, and at the same time tory collections may seem superfluous. Not tained in any other way. In short, it gives am-twould contribute very greatly to the interest of so, however, to those who teach it. And while ple illustration of all that science has thus far people in science and, hence, to its rapid at there is a more or less vague idea in the deciphered of the plan of creation. The Agas: vancement. These are held as curiosities or minds of many that the study of pours has in size memorial committee say: "The Museum given to children for their any agreement and there is a more or less vague idea in the deciphered of the plan of creation. The Agast vancement. These are held as curiosities or minds of many that the study of nature has in siz memorial committee say: "The Museum given to children for their amusement; and it somewhat of interest and a little of profit, he labored for is a presentation of the animal whether held by young or old, if they elicit no something more is needed to give its value kingdom—fossil and living—arranged so as to thought or study, and create no knowledge or greater prominence and make more real and picture the creative thought. The study of inquiry concerning their history, they are mere tangible its interest. There are too much such a subject is the highest to which the hurly children's loys, affording no profit—simply pleasure and profit in it to be lost for the mere, man mind can aspire." A good museum should idle amusement. A child can be amused with lack of a little appreciation, when this can be show, first, as full a representation as practice either a watch or a jumping jack to play with so readily acquired. The fact that the State of able of all the quadrupeds, birds, fishes, insects, but the latter is more economical and equally Massachusetts and the friends of the Museum plants and fossils which together constitute effectual. These valuable historic objects, as of Comparative Zoology have contributed over the complete fauna and there, as soon as possible, are virtually watches for children's playthings, struction, that a vast amount has been devot-tof the whole territory represented by its instead of jumping jacks. It may be of inter struction, that a rast amount has been devoted the whole territory represented by its instead of jumping jacks. It may be of intered to the Museum of Natural History in Cen., friends and patrons. Its collections in botany test to such delighted owners to know that all tral Park, New York, and also to the National should illustrate every obtainable peculiarity scientific material has a certain money value—Museum at Washington; that museums of valio fvegetable structure, in wood, bark, root, leaf, "a value which," says a dealer in this material, rying size and value are accessible to the pub flower and fruit. In the line of zoology there "can be as surely and as speedily realized as blic in all the best universities and colleges of should be a full showing of the whole animal that of any description of property." Holders the land; and that zoological gardens, at great kingdom. In agricultural sections especial at of such specimens can also exchange them, expense, are founded, maintained and well partention should be given to entomology, than with any well-stocked museum, to mutual ad tronized, in most of our large cities, shows that which nothing can be of more interest to grain, wantege, for others not so easily obtained in there is some popular appreciation of such fruit and vegetable cultivators, who lose mil-their vicinity and thus, in time, form a collection of such fruit and vegetable cultivators. collections. Showmen, like Barnum and oth- lions of dollars annually by the ravages of in- tion, while not less amusing and attractive, ers, know, from the popular interest in an sects. The cabinet should associate with the much more varied and instructive. Material ers, know, from the popular interest in an sects. The caonet should associate with thus received can easily be accompanied with in museums and manageries are. And even several stages, the tood on which they live, instructive facts concerning its position, rela circus managers are shrewd enough to antici their purasites and victims, so as to present to tions, habits, etc., which will be doubly value pate the public taste and provide for its gratification in the cyc an instructive history of each, such as able because they stimulate thought as well as cation by attaching menageries to their per every farmer's son to say the least, should be furnish pastime and amusement.

formances, in order to attract those who crave familiar with. The mineral and fossil collect. National and State governments make laws something more profitable and instructive than toos should show the characteristics of every to protect fish, birds, etc., at certain seasons of more amusements, as well as to give moral group of rocks in that section of the country, the year for a greater public benefit at other weight to a business saddy in need of it. The safety of our land is in the education of order of creation, could see where coal may or of preventing the destruction and misapplica its people. But interest and attention must may not be found, and also determine the probation of archaeological and other scientific mate first be excited before the mind can receive able presence or absence of iron, lead, zinc, ba rial, so it may be legitimately employed for the and comprehend valuable information. One's ryta, ochres, clays, etc. A complete museum advancement of science and for the increase of interest in any object is just in proportion to would also show the plants, animals, fruits, and popular intelligence. The Danish government what he knows of it and does for it. Ancient other products from every quarter of the globe, requires that scientific collections made on its what he kno- s of it and does for it. Ancient other products from every quarter of the globe, Rome had her baths and gymnasia for the ben | so one in reading about different countries, or esit of her people, and the national games of who has a special interest in some one, can see

The wanton destruction or waste of valuable a thing impresses the mind more forcibly than a science under these circumstances obey the reading or hearing about it.

Ward a gigaptic restored mammoth, as large not." Among several somewhat similar examples a house of moderate size, and his casts of periences, the writer distinctly remembers one monstrous animals of ages past, are grand edu: in which a student solicited a value they call attention to natural men for him as a curston of a graning museum.

plote series of natural history specimens gives | ed by being tumbled about in a dingy out build an ordinarily thoughtful speciator, or even a ling. In nearly every home, or about it, objects casual observer, many ideas in regard to the of scientific value are to be found lying about

territory shall be deposited in the national mu seums. A scientific commission in England is governmet is a consummation devoutly to be wished, and one which the growing intelligence of our people will doubtless, at no far distant day, demand and then supply. May friends of science and of national progress speed the

day.

Museums are also of great advantage for en-It is sive collections of fossils can hardly be over exceedingly trying to the sensibilities of a lovestimated. A writer in the Advance, some or of nature to see the almost criminal care time ago, said: "The science of geology, deal lessness of the unappreciating possessors of ing as it does with the only visible record of any considerable age, in regard to the history of life upon our planet, must settle the vexed questions-if they are ever to be settled-of the origin of species, the antiquity and per-haps the unity of man. To many, the acceptance of the new theories on these points is equivalent to legislating God out of the universe. If so many are wrecked upon these questions, the correct understanding of themis a matter of no little importance." Mr. Agassii has said. "The question of the geographical distribution of a primela lice at the year better distribution of animals lies at the very bottom of the question as to their origin." This must objects and excited desire to know their his and was indignantly refused with the state be shown by complete faunal collections from tory. None can look upon them without as ment that the owner thought more of the all localities, which can be seen only in large tonishment and increased mental activity. specimen than of the curator. Yet its beautimuseums. Museums are valuable, too, for Less striking specimens are, in their degree, ful angles and faces were destroyed and the studying the life history of various animals.