variations of life, liabit and characters, are ac cessible for comparative study. Here the in regular gradation of similar forms and are real ly the same. A large series is often necessary to enable the investigator, who is studying new or rare forms of which perfect specimens are soldom seen, to determine the species, relation of parts, size, shape, etc., of the complete ani mal. One fragment will supplement another, throwing new light in various ways, and thus furnish material for the restoration of the com plete animal.

Questions of practical importance are contin ually arising in regard to one or another of na ture's products which for lack of sufficient data at home, have to be sent at considerable ex pense of time and money, to distant museums for investigation. Because of this necessity many facts of vast financial importance are never gained. Men will not take the trouble to send to a distance for knowledge whose val ue is not adequately comprehended on account of its very distance. Dr. Dana, of St. Paul, says: "It is utterly chimerical to think that Western men can look to Eastern institutions for higher education. The latter is the vital function of every commonwealth, and can no more be transferred than its political responsi bilities. For the West to rely upon the East for liberal education, would put her, according to Dr. Post, 'in the attitude of France in rela tion to Paris; of vast and inert provinces feebly feeling the pulse of the distant and intellectual capital." So far as possible, each State should have so complete a museum that no student of nature would be compelled, for anything but the most exhaustive study of unique specimens, to seek facilities for study in a distant college or museum, but could find at home col lections which would attract studends of science, practical scientists, and unscientific men needing scientific information, from every quarter. A collection of specimens from Kan sas was recently taken to Agassiz's museum, in Cambridge, Mass., to be identified and classi fied, for want of facilities at home. To the same place also were shipped, for a similar purpose, materials by the ton from the Kentucky Geological survey. Material of like character and amount is stored within the limits of Missouri, with little knowledge of its value, from lack of facilities for determining it here. Other material from this State is now in the Archeological Department of the Smithsonian Institution, by request of authorities there, because of of local application. The State of Missourn, LONDON TIMES ON WEATHER FORECASTS, the peculiar richness and value of the objects the geographical centre of the Union, than which this State affords. And this is by no which no State has been endowed by nature. The weather is by no means a subject which should which this State affords. And this is by no means the first time that scientific meterial Washington, Poston and other favored cities of the East. Yot, unfortunately, vast supplies of all such material throughout the State are al have never been answered, but which might life; and midway between the two great oceans and should be solved by her own citizens and upon her own soil.

Again, museums are of vast importance in giving us increased knowledge of God and his works, as does the Bible. Nature, not less than scripture, is a revelation from God. Each was designed to supplement and complement the fullness without illumination from the other. Mr. Agassiz has said: "Collections of natural history present the plan and mind of God in creation." "If I mistake not, the great object of our museums should be to exhibit the whole

culture a structure arise among us which may all parts of the United States. Many private be a temple of the revolations written in the collections of great value have been accumulavestigation often learns that forms which were material universe. If this be so, our buildings supposed, from their lack of resemblance, to for such an object can never be supposed, from their lack of resemblance, to for such an object can never be supposed from their lack of resemblance, for they are to embrace the infinite represent different species, are connected by a hensive, for they are to embrace the infinite work of Infinite Wisdom. They can never be a great secures permanence too costly, so far as cost secures permanence this state is remarkably rich, yet its wealth has and solidity, for they are to contain the most, been but very imperfectly explored; also of and solidity, for they are to contain the most, instructive documents of Omnipotence." The late Prof. Octon says. "A cabinet unfolds the great idea of God as it marched on to realiza, To the theologian, philosopher and stu dent, it is a vast repository of thoughts and suggestions to which the Astor Library is no thing." In a notice of the Ward Cabinets, we read. "No one can enter this truly cosmologi cal museum without believing that he has be preparing it for scientific use, duplicates can fore him, in one volume, God's narrative of easily be exchanged for valuable material in creation. For he who classifies the results of abundance from other collections from distant those six days of labor by the erection of a complete repository of natural objects in na tural order, is a translator of the Creator's thoughts." A well selected and arranged muthoughts." A well selected and arranged mu, in exchange, are constantly in possession of seum presents to the eye, in physical form and, both professional and amateur collectors here. in minuter detail, the panoramic view of cre Systematic collections and cabinets, labeled ation which Moses expressed in words. In one and ar anged with care, are always to be purof his talks to his students, at Penikese, Mr. chased for a reasonable sum. These range in Agassiz said: "The study of nature is direct price from that of Ward's magnificent collec interceurse with the Highest Mind. It is un worthy an intellect being to trille with the animals and plants that have inhabited the works of the Creator. A laboratory of natural earth, costing thousands of dollars, to choice history is a sanctuary, in which nothing impro per should be exhibited. I would tolerate im- dred dollars, even to fine suites of shells, minproprieties in a church sooner than in a scien erals, plants, etc., for a dollar or more. Extific laboratory."

pedificus can also be fitted out at a moderate tific inboratory.

Since nature is another revelation from God, expense which will rapidly increase the ma why should not facilities for studying her in terial needed. good museums be as worthy an object of Chris in the Bibie, and also to have competent pro fessors who are especially qualified to bring out and the Scripture phases of scientific truths.

In a Missouri publication, it is not inappropriate that this article should have somewhat, tion to the advancement of science everywhere.

animal kingdom as a manifestation of the Su- dry, in cabinets and cases, is practicable is agriculture the uncertainty which is now its greates preme Intellect. The time is passed when men capable of easy demonstration. As has already hindrance, and a bad harvest scason would then no expressed their deepest convictions by won been intimated, this State abounds in speci- longer, as at present, entail upon the nation a loss derful and beautiful religious edifices; but it is mens which are prized and solicited by cura- which must be estimated by millions.

when a large series of allied forms, showing the | my hope to see, with the progress of intellectual | tors of museums, collectors, and students in tod here, almost entirely by the efforts of the individual owners, with but little expense and less outside assistance. The richest of these bave been in the line of Indian relies, in which The fossils, minerals and plants. Unfortunately for the credit and welfare of our state, some of the most valuable collections found here have gone to enrich eastern museums on both sides of the Atlantic. They should have been kept here and could have been, had they been properly appreciated. With a full supply of home material, and sufficient assistance in localities representing forms which are not to be found here. Untilled applications for specimens from this locality, with tempting offers tion of casts, representing most of the extinct earth, costing thousands of dollars, to choice cabinets of birds at a cost of fifty to three hun-

Friends of such a museum and of science tian liberality and the use of consecrated funds can readily be induced to present collections as the erection of churches and the distribution of large or small amount, obtained by purchase of Bibles? Christ commonly impressed his or otherwise. This will vastly augment the truths by illustrations from some phenomena, pleasure and profit they derive from the muof nature. And religious teachers would do seum, and their pride and interest in it, as well to pattern after their exalted Model and 1.1s facilities for contributing to the pleasure know better for increased power in their work, and profit of the community at large. It is in.

The time is doubtless not far distant when teresting to see how contageous is the spirit theological seminaries, as well as colleges and and practice of contributing to a good cause, universities, will be required, by the demands One can easil, provoke others to good works. of the times, to have collections specially And the possession of a considerable nucleus is adapted to teach the order of creation and to almost sure to attract donations in greater illustrate the vast number of scientific allusions, number, illustrating the doctrine of scripture -and of human nature as well—that "to him that hath shall be given," and demonstrating in full relief the scientific phases of Bible truths, the trite maxim that "nothing succeeds like Buccess."-Kansas Review.

The weather is by no means a subject which should with vaster and more varied stores of animal, be regarded merely as a matter of conversation for from Missouri has been solicited for study in vegetable and mineral wealth; with fertile the regarded merely as a matter of conversation for Washington, Paton and other favored cities of fields of science upe for the harvest in all the the multitudes of people who find it difficult to talk adjoining States, with ready access to the about anything else. The subject is, in reality, one Rocky Mountains regions containing the rich of great national importance, of far more importance lowed to "lie here ungathered and waste upon est stores of scientific material in the world, than many others which occupy the time and the the plains." Much of this material is new to to the Mexican Gulf rich in recent animal life, thoughts of the public: and it is only neglected on science, and is rich in suggestive questions that and to Texas equally rich in remains of ancient account of the obscurity behind which the causes of that wash our shores, is peculiarly favorable for the consequent apparent fatility of discussing them, weather changes have been hitherto concealed, and of the seat of a large museum. There is no ap. the consequent apparent fatility of discussing them, parent good reason why in Missouri may not be If any scientific investigation could bring the subject accumulated collections, in all lines of popular, of weather changes within the region of actual know-practical, and scientific interest, which shall ledge, so that reasononable forecast might be made afford every desirable facility for improvement, concerning them, it would at once become manifest afford every destrante instruction and original research, be a credit concerning them, it would be subject could vie with them designed to supplement and complement the instruction and source of profit to our citizens, that scardly any other subject could vie with them other. Neither can be understood in all its to friends and a source of profit to our citizens, that scardly any other subject could vie with them follows without illumination from the other, an honor to the State, and a valuable contribution in universality of interest. The power of foreseeing the weather of the next few days would do much, the power of foreseeing the weather of the next sea That the formation of such collections, both son would do almost everything, to take away from living, in zoological and botanical gardens, and agriculture the uncertainty which is now its greates