To avoid risk of fire, these golleries have akylights, no artificial illumination being allowed. They resemble huge cages, for the floors are of open ironwork, which admit the light through the several stories. The only drawback to this arrangement—a drawback which cannot be avoided—is that during fogs which are so prevalent in London during the winter months no books from these galleries can be obtained. Despite the extensive accommodation which was provided, owing to the Copyright Act—under which a copy of every book and paper published in the United Kingdom has to be sent to the British Museum—the number of volumes arcreased to such gigantic lished in the United Kingdom has to be sent to the British Museum—the number of volumes accreased to such gigantic proportions that a special contrivance had to be resorted to in order to provide room for them. This takes the form of sliding-presses, consisting of a framework fitted with shelves open back and front so as to receive volumes on each side. These shelves are suspended on girders, and running smoothly on wheels, can be easily moved backwards and forwards. They supplement the standard presses, and by this means the books in many places are six deep! All these presses are made of iron plates, the shelves being covered with leather.

Many of the choicest books which the library contains were bequeathed to the nation by private donors; others have from time to time been purchased by the trustees out of the grants made annually to the British Museum by Parliament. It is impossible to form an accurate estimate as to the value of some of the choicest books, for many in the library are the only known coules; but

ment. It is impossible to form an accurate estimate as to the value of some of the choicest hooks, for many in the library are the only known copies; but several lawe previously been sold at prices approaching five thousand pounds each. Probably the gen of the collection is the Mazarin Bible, which was printed in Latin at Mentz about the year 1455. This is the earliest complete printed book known. "The Dictes or Sayings of the Philosophers," which was translated from the French by Anthony Wyderville. Earl Rivers, and printed by William Caxton at Westminster in 1477, is the first volume known with certainty to have been printed in England. Other specimens of the earliest productions of the printing press in England include "The Gane and Playe of the Chesse," "The Book of Tales of Cauntyrburye," and the English version of Acsop's Fables. Among the numerous old copies of the Scriptures and religious works are Martin Luther's translation of the Bible, and Myles Coverdale's Bible, dated 3590: the New Testament which below. of the Scriptures and religious works are Martin Luther's translation of the Bible, and Myles Coverdale's Fible, dated 1530; the New Testament which belonged to Anne Boleyn; "The Assertion of the Seven Sacraments," the book which produced for Henry VIII, from Pope Leo X, the title of "Defender of the Faith," ever since borne by the British soversigns; the "Lives of the Archbishops of Cauterbury," which was presented to Queen Elizabeth by its author, Archbishop Parker; the "Codex Alexandrinus," an ancient Greek copy of the Scriptures supposed to have been executed by Theels, a lady of Alexandrin, in the fourth or firth century, and presented by Cyril

mus," an ancient Greek copy of the Scriptures supposed to have been executed by Thechs, a bady of Alexandria, in the fourth or firth century, and presented by Cyril Lucar, the Patriarch of Constantinople, to Charles J. The last-named is one of the two most ancient copies of the Scriptures in existence.

The manuscripts in the British Museum forms the finest collection in the world. Among the most interesting are "the Recognitions" of Clement of Rome in Syrike, dated about 411; the English version of Wycliffe's Biose, written towards the close of the fourteenth cenutry; the crations of Hyperides, Homer, Aristotle, etc., and the "Bull of Pope Innocent III., whereby he receives in fee the Kingdom of England, given to the Roman Church by virtue of a charter confirmed by the cholden Seal of King John, and takes it into Apostolic protection: Given at St. Peter's, 11 Kalends of May. A.D. 1214, and of the Pontificate of Pope Innocent the seventeenth year."

It would be impossible, owing to exigencies of space, to mention even a small proportion of the historical deeds which are to be seen in the library; suffice if to say that they include an ancient copy of the famous Magna Charta—the original copy is no longer in existence—granted by King John, and the charter granted by King John and the charter granted by King John

tees, for it soon became apparent that further accommodation could be provided, especially for the newspapers, all the available space would be fided. We have seen the ingenious method of hanging-presses, by which a vast collec-tion of additional books can be stored; and, as showing the stupendous growth in the number of volumes, it may be pointed out that in 1753 the library in 1821 the number had only reached one hundred and sixteen thousand; in one hundred and sixteen thousand; in 1838 it was two hundred and thirty-five thousand; twenty years later it had reached five hundred and fifty thousand; while in 1896 there were one million seven hundred and fifty thousand volumes, not counting a single sheet or parts of works accumulating. Since then the growth has been much more rapid, and it is estimated that there are now about three million five hundred thousand volumes in the library. The work of arranging this collection is a stupendous undertaking; for each book has to be classified, and the press-mark indicating undertaking; for each book has to be classified, and the pressmark indicating its locality has to be affixed on the back. According to the latest parliamentary return the total number of these pressmarks during 1905 amounted to seventy-four thousand eight hundred and seventy-tre; in addition to which thirty-seventhousand four numbred and four pressmarks have been altered in consequence of changes and re-arrangements, nearly marks have been aftered in consequence of changes and re-arrangements, nearly thirty-one thousand labels have been fixed to books and volumes of news-papeys, and one hundred and fitten thousand four hundred and hitten obliterated labels have been renewed. There is a corresponding amount of work to be done in cataloguing. A large staff to be done in cataloguing. A large start is engaged in the binding and repairing of books at the Museum. The number of volumes and sets of prophlets sent to be bound in the course of last year was eleven thousand nine hundred and with the for publishing the start of the sent that the sent the sent the sent that the sent the sent that the sent the sent the sent the sent that the sent the

was eleven thousand nine hundred and eighty-five, including three thousand three hundred and twenty-eight volumes of newspapers; while over twenty-five thousand books have been repaired. The number of newspapers published in the United Kingdom received under the provisions of the Copyright Act during the year was three thousand two hundred and sixty-one, comprising two hundred and sixty-nine single numbers; in addition to which large numbers of colonial and foreign newspapers, together with broadsides, parliamentary papers, etc., have either been presented or purchased.

chased.

With regard to the newspipers, it was calculated in 1882 that the space available at the Museum would be sufficient for thirty-three years; but since that time there has been such an enormous accumulation that the authorities have tried several means to cope with the pressure. Some time ago additional storage-room was provided in the basement and the new buildings; but this ment and the new buildings; but this has practically been filled. The British newspapers in 1837 only occupied about newspapers in 1837 only occupied anough forty presses, whereas now there are two and a-quarter miles of presses; besides which accommodation has had tobe pro-vided for the colonial, American, and vided for the colonial, American, and foreign newspapers. Some time ago land was obtained at Hendon, where a repository for storage of newspapers and other printed matter is now in course of construction; and it is believed that the extra accommodation which will thus be provided will be sufficient to meet the demands for a very considerable period.

meet the demands for a very considerable period.

The cost of the construction of the reading-room and the surrounding galleries was one hundred and fifty thousand pounds; and the expenditure on purchases alone for the Museum up to 1875 was considerably over one million pounds. The Government has been very liberal in making large annual grants, sometimes amounting to upwards of one hundred thousand pounds, in order that the collections should be of the most representative character; and it was owing to the generosity of the late Sir William Harcourt, when Chancellor of the Excliquer in 1896, that the additional freehold lund, on which sixty-eight houses stood, was secured at a cost of two hundred thousand pounds to meet the growing needs of the Museum. These houses are gradually being demolished, and when the whole of them have disappeared the authorities will possess a square plot of thirleen acres combetchy isolated by the authorities will possess a square plot of thirteen acres completely isolated by the surrounding rondways.

It is considered that this land will be aufficient to meet the requirements of the trustees for another century, but no one can prophesy with accuracy as to the growth of the Museum even in the immediate future. In the past all such prodictions have been completely falsified; but, in the words of Macaulay, the Museum will remain "the ropository of "ach various and precious treasures of art, science, and learning as were scarce ever assembled under a single roof."—"Ch'mbers' Magazire."

Secrets of the Pantomime.

HOW STAGE EFFECTS ARE PRO-DUCED.

In a popular pantomime now running there is a military scene, in which a battery of artillery is heard galloping over a plain, says a writer in "Answers." Of course, a battery of artillery cannot possibly gallop behind the scenes in order to produce the effects, so the sounds of rattling guns are artificially made in this way. A quantity of sand, with some loose bricks and gravel, is placed in a trough; an empty soap-box is filled with scrape of old iron. This box is placed on a small truck, similar to a railway porter's truck on which he railway porter's truck of wheels passengers' luggage on which he

wheels passengers' luggage.

When the battery of artillery is supposed to come galloping over the plain, which the audience cannot see, a stage hand runs the truck learing the box of old iron backwards and forwards at a rapid rate over the trough. The bricks in the trough, of course, make the truck bump, which causes the old iron in the soup-box to rattle in just the same way as heavy guns rattle in their limbers.

In another partonime a building is

In another pantomime a building is blown up. This building is made of papier-mache, and when a few ropes are papier-macie, and when a rew ropes are pulled behind the stage it comes crashing down at the very moment an explosion takes place, and volumes of smoke rise in a hirid glare. The explosion is due to a quantity of gunpowder, lycopodium, and sawdust ignited in an iron pot secreted in the building. The luvid glare in reaches by the large relim and saw produced by the lycopodium and saw-

The thuds of falling beams and crash-The thuds of falling beams and crashing timbers that accompany the demolition of this building are realistic enough. Dropped cannon balls furnish the thuds, while the tearing, crackling noise you have heard when a portion of the building is being rent is produced by a "crasher," a grooved cylinder working against slats of wood set in a frame. As the cylinder revolves its ridees catch the ends of the slats of wood, bend them, and let them go with a snap, causing a most realistic tearing sound.

All rantonium-mors are probably

and fet them go with a snap, causing a most realistic tearing sound.

All pantomine-goers are probably familiar with the "star-trap" and "vamire" acts. These features are not so common as they used to be, still they have not died out. A "vampire" is a trap-door in the floor of the stage, and the pantominist, dressed, perhaps, as a demon, ill bound across the stage and suddenly disappear through the folding doors. Below the "vampire" is a canvas shoot running down to the depths of the theatre. At the bottom of the shoot are soft pillows, in case the two attendants waiting at the sides of the shoot do not catch the performer in their arms as be descends. So seen as he is on his feet, the attendants push him on to a small wooden platform, which has four uprights, one at each corner, reaching to the stage. He stands bolt upright, with his arms pressed to his sides. The attendants withdray a holt and the send the grant forms. his arms pressed to his sides. The at-tendants withdraw a bolt, and the pautotendants withdraw a bolt and the panto-minist shoots upwards like a flash of lightning, disappears 'rough a portion of the stage cut in star sectious, and bounds, in view of the audience, some six feet above the stage. As he descends he opens his legs in order to elear the "star," which shuts up automatically as he reaches the stage.

he opens his legs in order to clear the "star," which shuts up automatically as he reaches the stage.

Visitors to the pantomimes have no doubt seen fairies slowly rise in a cloud of light from the back of the stage until they reach the files. It may not be generally known that the girls are strapped upon a large movable scene, for the straps are so ingeniously covered with drapery that from the front of the stage the fairies appear to have no support whatever. As a rule, these scenes are very cumbersome, and often take thirty or forty scene-shifters to work them.

Transformation scenes are always roublesome to a stage-inanager. A performer may jump the wrong way, as did a young lady in the provinces last Christmas. A scene had anddenly to be thrown into another, and for this purpose what is known as a "sink and rise" was employed. One of the actresses, intending to leave the stage, turned in the wrong direction, and stepped over the edge of the boarding where a portion of the scenery had just disappeared. She

fell a distance of twenty feet, and was

aeriously injured.

Live animals very rarely take part in pantonimes, and actors and actors are prefer to perform without the assistance of their four-footed friends, because the latter claim more aftention from the audience than their histrionic merits desarre. Near contourne another, the audience than their histrionic merits deserve. Every pantonisme usually has some animal in the east, but this is generally a man or a couple of boys in a skin. In the few eases where real animals are employed their feet are covered with rubber to keep them from pounding the boards, and they are tied in a way, to make them incapable of suddenly walking through the footlights and tumbling among the members of the orchestra.

Talking of animals, it is interesting to

orchestra.

Talking of animals, it is interesting to know that the sounds of horses' hoofs gallopine in the distance are produced by a man playing upon a flagsfore covered with felt, with a couple of blocks of hard wood shod with iron.

Showstorms are not unkno n to paractering of felling of felling in the property of felling in the property of the server of the s

showacoms are not unknown to plan-tonimes. The representation of fulling snow upon the stage is produced by small pieces of paper dropped slowly from a trough which runs across the stage above the scenery. If thunder is required a stage I not visorously shakes a piece of sheet-iron hung at the wings or behing the scener. the scenes.

Receipts for Currant Cookery.

COLLEGE PUDDING.

Grate the crumbs of a two penny loaf. Grate the erumbs of a twopenny loaf, shred eight ounces of suet, and mix with eight ounces of currants, one of citron chopped fine, a handful of sugar, half a nutmeg, three eggs beaten, yolk and white separately. Mix and make into size and shape of a gooscogg. Put half a pound of butter into a frying-pan; and when welted and outse het after them when melted and quite hot, stew them gently in it over a stove. Turn them two or three times, till they are of a fine light brown. Mix a glass of brandy with the butter and serve with pudding

CUMBERLAND PUDDING.

CUMBERIAND PUDDING.

To make what is called the Duke of Cumberland's pudding, mix six ounces of grated bread, the same quantity of currants, the same of bowf suct finely, shred, the same of chopped apples, and also a lump of sugar. Add six eggs, half a grated nutneg, a dust of salt, and the rind of a lemon minced as line as possible; also a large spoonful each of citron, orange and lemon cut thin. Mix them thoroughly tagether, nut the whola them thoroughly together, put the whole into a basin, cover it close with a floured cloth and boil it three hours. Serve it with pudding sauce.

CHEESECAKES.

Strain the whey from the curd of twa quarts of milk; when rather dry, crum-ble it through a coarse sieve. With six ounces of fresh hutter, mix one ounce ounces of fresh latter, mix one ounce of blanched almonds, pounded, a little orange-flower-water, half a glass of sherry or port, a grated biscuit, four ounces of currants, some mutuneg and cinuamon in fine powder. Beat them up together with three eggs and half a pint or cream till quite light; then fill the partipans three parts full. To make a plainer sort of cheesceake, turn three quarts of milk to curd; break it and drain off the whey. When quite dry, break it in a pan, with two ounces of butter, till perfectly smooth. Add a pint and a-half of thin cream or good milk, a little sugar, cinnamon and nut meg, and three ounces of currants. meg, and three ounces of currents.

CURD PUDDING.

Rub the curd of two gallons of milk Mix it well-drained through a sieve. well-floured through a sieve. Mix it with six eggs, a little cream, two spoonings of orange-flower-water, half a nutmeg, flour and crumbs of bread each three spoonfuls, one pound of currants. Boit the pudding an hour in a thick, well-floured cloth.

BREAD CAKE.

BRIEAD CAKE.

To make a common bread cake separate from the dough when making white bread as much as is sufficient for a quartern loaf, and knead well into it two ounces of butter, two of sugar, and eight of currants. Warm the butter in a teacupful of good milk. By adding another ounce of butter or sugar, or an egg or two, the cake may be improved, especially by putting in a teacupful of raw crean. It is best to bake it in a pan, rather than as a loaf, the outside being less bard,