

NEW DESIGN FOR A CONSERVATORY.

Our readers are no doubt familiar with many graceful structures of iron and glass for raising tropical and other plants, but the wooden erections for the same purpose have hitherto been more remarkable for cheapness and utility than for elegance. But there are many localities where iron buildings are not easily obtained, and where the most available architect is a capable and practical carpenter. To the inhabitants of such districts we commend the engraving of a curvilinear hothouse, built entirely of timber and glass. It is the invention and design of Mr. Lascelles, a London carpenter, who has given much attention to the needs of horticulture. This original and useful plan seems to us to effect a revolution in the art of hothouse building, and a very desirable revolution, too. "The curved wooden spandrils of the roof," says *The Garden*, "consist each of three pieces, bent by steam, and very accurately fitted together. Although, however, the spandrils are bent, the glass is not; and in this there is a decided advantage, inasmuch as a difficulty is often experienced in replacing broken squares when such is the case. The interior is divided into three compartments, which afford plenty of space, not only for plants of comparatively small size, but also for the larger forms of tropical vegetation."

Noise as a Nuisance.

In one of the Chancery courts in England, recently, a case, *Beaumont versus Emery*, was heard, of some importance to persons residing in the neighborhood of noisy manufactories. The defendant is a cooper, carrying on business in the rear part of the plaintiff's house, and had been in the habit of using a high pressure steam engine at work day and night. The plaintiff complained that the vibration and noise caused by this engine were such as to create an intolerable nuisance, and he filed this bill, praying that the defendant might be restrained by injunction from working the steam engine. The Vice Chancellor said he was of opinion that the plaintiff had established his case, and there must, therefore, be an injunction to restrain the defendant from working the steam engine between the hours of seven P. M. and six A. M., without the plaintiff's consent.

SUMMER HOUSES.

The opening of spring calls our attention to the requirements of the garden, and the arrangements necessary for our

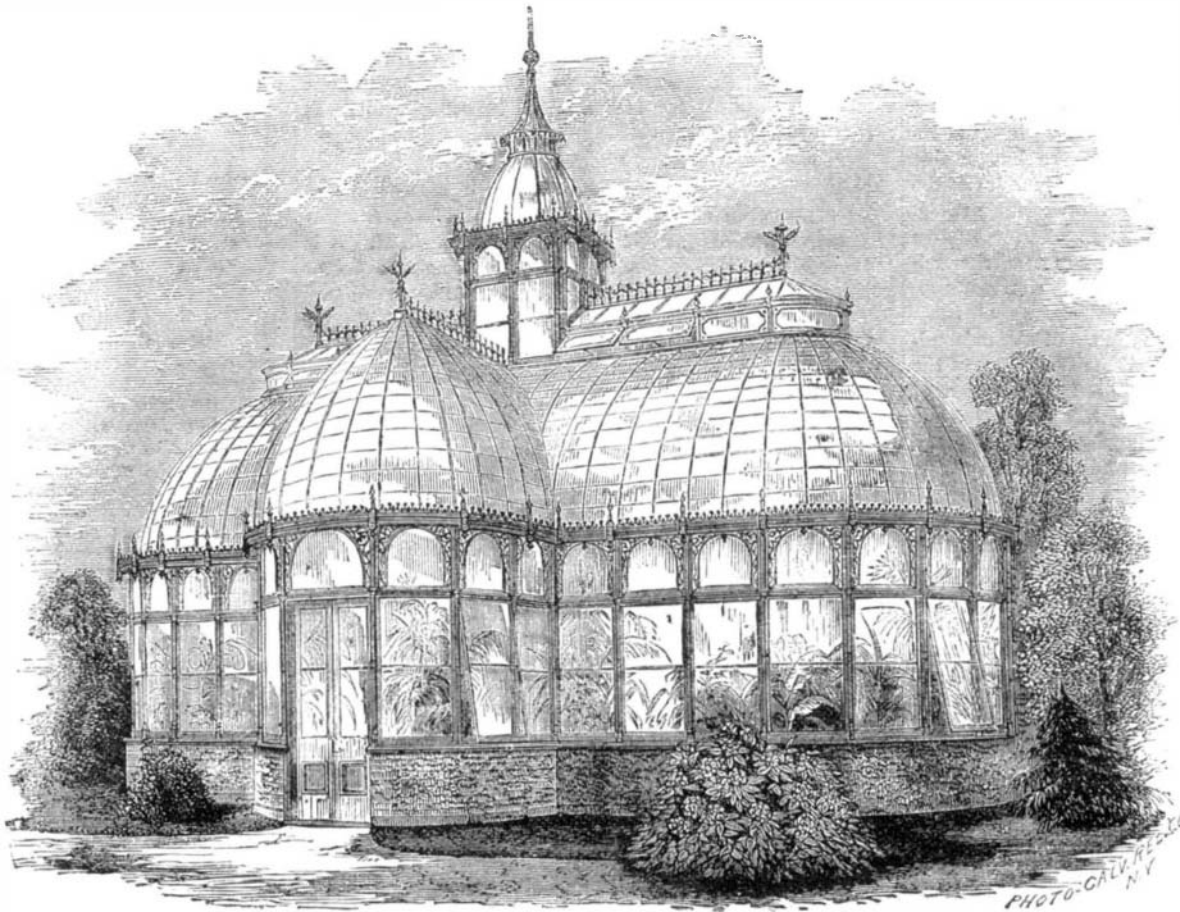
comfort during the season when we live as much as possible in the open air; and many of our readers will find some useful suggestions in the annexed engraving of a summer house, even if they do not feel inclined to carry out the plan in its entirety. The design is by Mr. J. C. Fox, of the Royal Horticultural Society's gardens, South Kensington, London; and we believe that there cannot be two opinions as to the usefulness and beauty of the structure. As it will be seen, it is raised above the surface, so that it is secure from dampness in the worst weather; its projecting gables insure the re-

This design can, of course, be varied to suit the grounds and the needs or the means of the owner; but its general appearance of comfort and rusticity is, in our opinion, pleasing to the eye, and especially appropriate to its intended use. The growing taste for horticulture, of which we have daily such abundant evidence, gives additional value to this tasteful representation.

Rheumatism in the Horse and other Animals.

Rheumatism is sometimes defined as inflammation of the fibrous tissues, tendons, and ligaments, and the fibrous coverings of muscle; but it must be understood that the inflammatory state is quite distinct from the ordinary disease. What change in the constitution of the blood is essential to the development of rheumatism is not well ascertained; but there is no doubt that lithic acid, or one of its allies, is abundantly formed and largely excreted from the system. It is probable that the same error in the nutritive functions which causes the formation of uric acid may also induce other chemical or physical changes which have not yet been recognized; but the facts go no further than we have stated. Rheumatism is a peculiar form of inflammation of the white fibrous tissues, associated with the formation of an excess of uric or lithic acid, and the presence of an unusual proportion of fibrin in the blood.

Rheumatism may be acute and general, accompanied with various degrees of fever; or it may be strictly local, and productive of no more severe constitutional disturbance than would naturally arise from the pain



LASCELLES' CURVILINEAR WOODEN CONSERVATORY.

quisite amount of shade; and the climbing plants, which are its best means of decoration, seem to grow up around and to cover it, almost as a part of itself.

"What is so enjoyable in hot weather," says *The Farmer*, "as to be enabled to leave the close atmosphere of a dwelling, and retire to the coolness of a summer house, where the luxury of fresh air can be obtained without exposure to the heat of the sun?"

"The desire for these erections being so general, it devolves on those who have made garden architecture their study to lead this taste in the right direction, and to place before villa gardeners structures conceived on correct principles, distinguished at once by beauty of design, strength, and solidity of construction, convenience of arrangement, and economy of cost."

in the inflamed part.

Acute rheumatism sometimes attacks the fibrous tissue connected with the muscles of the back in horses and cattle, the latter particularly, in consequence of their more frequent exposure to inclement weather. The milder form of the disease is very common among horses, and generally affects the synovial sacs in the vicinity of joints. In both forms rheumatism is always associated with a tendency to the deposit of fibrin; and in the acute variety of the affection, the serous membranes of the heart often suffer seriously, but not to the same extent in the lower animals as in man.

Causes of rheumatism are ordinary and special. Common causes, which are those most readily appreciated, are exposures to wet and cold, or sudden changes of temperature. A sudden attack of rheumatic disease will often be attribu-



DESIGN FOR A RUSTIC SUMMER HOUSE.