known French physicist, Camillo Fram-marlon, at the Agricultural and Climatological Experiment Station, at Juvisy, indicates plainly the effect of different colored light upon plants, and the result is of special value, practically and theoretically, to plant physiologists and climatologists. It has been clearly shown by the various experiments that ordinary "colorless" light is represented by natural sunlight, because, when exposed only to it, health and natural growth reign. Colored light, according to the particular color used, causes either one sided acceleration or retardation of the development of the plant, In his most interesting experiment, Flammarion adopted the plan of exposing sensitive plants (Mimosa sensitiva), which be raised from seed, to different colored light. These plants are specially sensitive to the effect of light and to touch, and were, therefore, well adapted for Flammarion's experiment.

He planted a number of seeds, and the seedlings, after they reached a height of about one inch, were planted in pots, in pairs, and placed in a hothouse, where each pot received the same quantity of light and an even temperature prevailed, so that the plants were subjected to the same conditions. But the experimenter placed over some of the plants bells of green, red or tlue glass, while others received the sunlight through the plain glass of the hothouse wincow. The effect of the colored light was soon perceptible in the development of the plants, and the more they developed the planer this difference became, until, at the end of two months, the plants under the red glass were sixteen inches high, those under the green glass were only five inches, and those under the blue glass were only one inch high, while the plants that had been left in the "colorless" light were four inches high.

The red light forced the plants most, for those subjected to it blossomed five weeks after the seeds were planted, and the stems were much longer than the stems of the other plants. The difference between them and those exposed to the blue light was most marked. The leaves of the latter were, indeed, dark green, while the leaves of those subin chlorophyl, but the plants themselves seemed unhealthy and stunted, they had gained nothing in height since they were placed under the blue glass. Therefore, it was proved that the blue light was not only an impedment, but an actual injury to vegetation. The effect of the red light was noteable, but only in the results of the plants of the plants. not only in the growth of the plants, but also in their sensitiveness, for even the slightest touch, a breath, was sufficient to cause the leaves to close and the little stems to droop. The plants exposed only to white light were not so easily affected, and those raised under blue glass were not at all sensitive.
Those raised under white light must
be considered normal. They were more stocky and showed a greater tendency to bud, but the buds did not open.

Flammarion extended his experiments to other kinds of plants, such as geraniums, strawberries, etc., but in all cases blue light proved injurious 10 vegetation, and plants that were exposed to its influence for months showed no development. All the functions of the

A recent experiment made by the well oped under bells of different colors, but varied considerably in size and quality, as in some cases the leaves were developed at the expense of the fruit, and in other cases, as when the plants were exposed to blue light, growth was im-

peded in every way.

By making these investigations Flammarion has given an impulse to the study of the subject, and now results will be obtained which will be of practical use in gardening and the propoga-tion of plants —Der Stein der Weisen

TELEGRAPHIC NEWS.

NEW YORK, Jan. 13 .- A dispatch to the Herald from Paris says:

The St. Petershurg correspondent o the European edition of the Herald writes that curious complaints against the existing state of affairs in Alaska are brought by the Svet. It alleges that the handtul of Russians remainang in the territory suffer under al torts of vexations and even oppressive acts on the part of American traders wbo ''rup'' Alaeka.

It is claimed that a number of the company's agents outered a Greek orthodox church during service with fire arms in their hands to drive the congregation out to work and that, the Russian teacher having refused to give his lessons in English, the Americans threatened to burn down

General condemnation is brought against the government at Washington or leaving the administration Alaska too much in the hands of a trading company, which, it is claimed, finds lie interest in debauching the

NEW YORK, Jan. 18 .- A special to the Herald from Washington says:

Absolutely no official information has been received in regard to the outrages perpetrated on Russian residents of the territory of Alaska by the North American Commercial company. The state and treasury departments have heard nothing from their represents. tives in Alaska and Russia on the subject. The statements that agents of the company invaded a Russian school and chapel may have some basis. Btate department officials bebasis. State department officials be-lieve that religious troubles exist in Alaska.

There are three classes of soboolsthe first the territorial school, under the direct supervision of the government; the second, the orthodox Russian schools, governed by Atcubishop Nicholss, of the Russian Greek church, who is a close personal friend of Emperor Nicholas, and which the United States is obligated by treaty provisions to pro ect, and the third to unorthodox native schools. The Russian government last August protested to the state department at the action of unorthodox Russian school authorities in seeking the withdrawai of pupils from the orthodox sobools.

The state department turned the matter over to the treasury department with instructions to investigate the matter, and its report, to far as can be learned, has not yet been received. In view of the trouble existing last summer, the state department authorities are inclined to believe that the ontRussian churches. They do not see what connection the agents of the company could have in the matter. The company's rights are alliconfined in the seal islands, and so far as cao be learned they have no autholly on the main land. The suggestion is also made that the agents may have visited the main land and perpetrated the outrages, but this can only be settled by an investigation, which will be made by the treasury department either through the Russian minister, the representatives of the tate department or the agents of the treasury department in Alaska.

Ban Francisco, Cal., Jan. 13.— The hig battlethip Oregon will weigh ber auchor at 2 o'clock this afternoon ber auchor at 2 o closes and move to Sausalito, preparatory to going to see on Thursday, it is said, on a vovane to Acupulco. There bave been rumors that the Oregon would go to sea about the 15th for several unys. but as the usual scorecy has been preserved regarding the movements of the vessel, inothing of a definite nature

Wilmington, Del., Jan. 18.—The committee on judiciary in the constitutional convention has decided to recommend the abolishment of the whippi: g post as a means of punishment for petty oriminals and the couvention will take such action in a few days. The whipping put has been in vogue for more than 100 years. days.

WAPPELO, Iowa, Jan. 18.—A law suit now in progress in Louisa o unty district court at this place, is exciting more than neual interest from the fact that an application of Professor Roentgen's discovery is being made for the first time in an Iowa court. Patrick Tobin, a farmer is the plaintiff in the suit and the setion is brought against D. W. Overhalt as defendant for alleged malpractice in setting and treating Tobin's leg for a fracture.
The plaintiff claims defendant failed to set the fracture properly and to prove his case produced a number of photographs or radiographs taken by means of the X-ray fast fell by Professor Andrews, of the state university at Iowa City. These platnly show the improper jointing of the tracture. The trial is attended by a large number of eminent physicians and speciallete.

POTTSVILLE, Pa., Jan. 18 .- A terrible accident, by which four persons were kifled and one fatally injured, occurred at New Waddeville shart of the Philadelphia, Reading Coal and Iron company today.

Theodore Frownkenstein, years old, was so badly crushed that be will die. The four men and the boy belonged to the day shift. This morn-The four men and the boy ing they stepped on the rim of a large iron buoket to be lowered into the shaft. When the men got half way down a cross head sell, striking the booke'. The men were hurled to the booke'. The mobottom, 300 feet.

NEW YORK, Jan. 13,-When the resolution calling for the recognition of the indepedence of Cuba is before the House and its passage is betog urged, a delegation of men from New headed by Franz Mayer, president of the American Frience of Cuba, will present a mouster petition in favor of development. All the functions of the breaks just reported are the result of the resolution. Sixty thousand petiplant organism seemed to be suspended, the religious disturbances existing bettions were sent out, nearly all of which the fruit of strawberry plants devel-tween the orthodox and unorthodox have been returned, with more than