specialized for fertilization by moths, which fly at night, and which have sight not adapted to the perception of Mr. B. T. Lowne has made on the side of the poets. some interesting microscopical studies to be the organs of the color sense; while the eyes of bees and butterflies correspond to those of day birds in the presence of such organs. In fact, it is clear that a color sense would be of little use to nocturnal or crepuscular animals, because the amount of light in the evening is seldom suffiof different objects.

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Hence almost all the flowers which either white or pale yellow-good reflectors in the twilight or moonlightand they are invariably scented, sometimes very strongly. Many of these white and perfumed night blossoms are great favorites in our gardens and conservatories—for example, night-flowering cereus. Some of them | lective action. most of them emit their perfume only mostly by smell, though they are also species has white ones. partly guided by sight, and perhaps even in part by the faint phosphorescence, hardly visible to human eyes, over certain of their favorite blossoms detect it, for, like negative images, it of petals is always more or less vari-

latter), which are color-loving insects, cannot be seen by persons of robust and which hunt by sight mainly, and vigorous sight. Women and aralways during the hours of sunlight, tists perceive it oftener than men of The night lychnis, on the other hand, science, which no doubt tells rather has white blossoms, opening in the hardly against its objective reality evening, and faintly scented with a Yet perhaps they and the moths can vague but pleasant perfume. It is see some things which are hidden from the wise and learned; at least, I like to believe so, and to persuade myself that I, too, am in this matter

The differences between the two of insects' eyes, and has shown that campions, to return once more to solid the eyes of moths correspond to those science, form a very instructive study of owls among birds, in the absence in the origin and growth of specific of certain nervous elements supposed distinctions. In most points the two plants are absolutely alike, and even the technical botanists, who never miss a chance of manufacturing a new species where possible, admit that they are perhaps mere varieties of a single form. But then these varieties, especially when so markedly dependent upon difference in function, are nothing less cient to show up the distinctive colors than new species in the making. They are nascent stages of fresh types. An accidental variety of leaf or flower. appeal specially to the moths are like the monstrosities which we cultivate in our gardens, means, as a rule, very little indeed, because it is not correlated with any need or habit of the plant. It affords no material upon which natural selection can work. But a variety like the white campion has of course a distinct meaning, and is itjasmine, stephanotis, tuberose and self-already the product of much se-That the white form. actually close up during the day, and | not the red one, is the divergent variety, we may infer from several pecuin the evening, when the moths on liarities, notably from the fact that which they depend for fertilization most of the lychnis tribe have pink are abroad. Moths, indeed, hunt flowers, and that no other British

Suppose, however, that some of these pink campions take (at first by some accident) to opening at night, which, as the daughter of the great then they may perhaps chance to at-Linnaus first observed, plays lambent tract the eyes of some passing moth, and so to get fertilized by the insect in the early shades of night. I have in its search for honey carrying the seen this phosphorescence myself (or pollen from head to head. Thus a fancied I saw it) on the petals of the second generation of night-flowering evening primrose; but only a few campions would be set up, still with people have weak enough vision to bright pink blossoms. But the color