er detatched parts of the elementary fire that go out the moment they are kindled, nor yet a quintity of air bursting out from some compression and taking the inthe upper regions, but that they are really heavenly bodies which have some relaxation in the rapidity of their motion or by some irregular concussion are dessented and I'all, not so much upon the habitable part of the earth as into the ocean which is the teason of their substance being so seldom reen." An opinion strikingly in accordance with inodern views.

Humboldt says, "The Germans call these meteors 'star sault,' an expression well suited to the views of the valgar in former times, according to whom the lights in the 6 mament were said to underge a proceas of saufing or cleaning." In a work on German Edythology we find a more disuffied explanation. "The Pareze weave In heaves for the new born child its thread of fite, attaching to each separate thread a shining star. When death approaches, the thread is rent, the star wanes and sicks to the earth."

Unt beautiful as some of these thoughts of the studger are, we are now able to give a more intelligible explanation of phenomena which lose none of their beauty by being inderstood.

To bestow a passing glance at some of the theories which have been proposed to account for the placonesa presented by these mysterious visitants of our earth is now all that can be allowed us.

The first theory we may notice representthem as thrown from volcanoes. A sullis clear refutation of this may be found in their composition-different from that of any terresstial minerals, and especially in their great height and independence of the -earth's motion. It has been proposed to consider them as merely the passage of -olectricity and the combustion attending it through inflamable gasses exhaled from the earth; and learned experiments have been instituted to prove the similarity of the phenomena of meteors and those that would occur were the theory correct; but stones full, crystals; and it seems haraly consonant with our ideas of crystalization that the process should be so abruht as to take place almost instantabecausty as required by this theory.

It was a theory formerly extensively held by the savans of the United States, that these shooting stars were "terrestrial comets," i. c. cometary bodies revolving, like the moon, around the earth as a centre. These, by the ditsurbing influence of the moon's attraction and other causes, were precipitated to the earth, and became incondescent from the friction resulting from their great velocity through the sir,

A simple mathematical execulation is the reply to this, A body revolving a sa thing pil to notionita bill fille contral force, must move at a maio not higher than four limited miles perminute,

These fireballs are observed to move with

a velocity even ten times greater than this, which fact seems to exclude them from the benefits of the apology this theory would offer for their conduct.

It was the theory of the renowned astronomer, La Place, that these masses of heated, luminous stone were thrown from the volcames of the moon. It was at first thought impossible that anything should be thrown by volcanic force from the moon with sufficient velocity to be projected to the earth. For twelve years this ballistic problem engaged the attention of Astronomers, and it was at leagth decided that farmers press their dry, rustling palms towith an united velocity five times that or gether—dropping a nut, or a leaf, or a cannon ball, a mass would be thrown twig, clicking to the tap of a woodpecker, beyond the sphere of the moon's attraction, for rusting as a squared branch. It was now the season of sing-

stones projected from her authmatic sides world, and tell their griefs to the infinite at this enormous rate. True, fears might, listening Sileness of the wilderness,-for walk, and vow, and sigh, with no opaic, in ruilled waters. Strange! of motion.

tiery globe, the sun, is quite as probable.

The last theory we shall present, and small bodies moving in rings around the sun in groups of greater of less numbers. That these are attracted from their orbits and are rendered incamiescent by electrical currents from the earth as they near our atmosohere.

It is contended that this alone will nocount for their great velocity, their independeree of the carth's motion, their great numbers, their periodic occurrence in brildant showers, in short for the many perplexing phenomena they present. This theory if not the true one has at least the support of great names: Olbors, Humbolt, Hershel, Arago. But after all our knowledge of these strange forms is yet limited. Much remains to be learned respecting the frequency of their occurrence, when they may be expected, the direction of their motion, and many points on which the enquiring mind secks light. These, time will show. "Lieusis reserves her favours for those who peparty their visita-

A PICTURE OF THE WOODS.

The following descriptive passage from the "Professor's Story" in the July number of the Atlantic Monthly, is one of the

finest pictures Dr. Holmes ever painted:
"The woods are all alive to one who walks through them with his mind in an excited state, and his eyes and cars wide open. The trees are always talling, not merely whispering with their leaves, (for every tree talks to itself in that way, even when it stands alone in the middle of a pasture,) but grating their boughs against each other, as old horn-handed a cannon ball, a mass would be thrown twig, clicking to the cap of a cannon ball, a mass would be thrown or rustling as a squirrel flashes along a cannon the season of singling-birds, and the woods were haunted The moon being acknowledged of a fiery with mysterious, tender music. The nature, it was not deemed incredible that voices of the birds which love the deeper she should in some extra spiteful moment, shades of the forest, are sadder than those of the forest, are sadder than those are the name of the constant of the same fields. bombard her larger but more phieguratic consort with blazing fireballs and heated have hidden themselves away from the be entertained that at the present rate of the one deep inner silence that Naturo annual fall the moon would soon belch here breaks with her fitful superficial counds, self away, and lovers in future years must becomes multiplied as the image of a star in ruflled waters. Strange! The woods witching moon," shining secency o'er them, at first convey the impression of profound But, notwithstanding this lamentable pros-with open car, you may find men of profound science them, restless and nervous as that of a saill expounding the theory. But Olbers woman; the little twigs are crossing, and showed that an initial velocity nonly times, twining and separating like sleader dagers that of a cannot ball would be necessary, that cannot be still, the stray leaf is to to account for their extra redinary rapidity be fluttened into its place line a trumt curl; the limbs sway and twist, impatient of their constrained attitude; and the This seems more than can be believed of rounded masses of foliage swell upward volcame force, and the theory has fallen into and subside from time to time with long disrepute. The encient notion that these soft sighs, and, it may be, the falling of stars are lossened and dropped from that a few rain-drops which had lain hidden among the deeper shadows. I pray you, notice, in the sweet summer days which The last theory we shall present, and you will soon see among the mountains, this we deem the true one, is that aerolaes, this inward tranquility that belongs to or by whatever name they are called; are the heart of the woodband, with this nervousness, for I do not know what else to calcit, of outer movement. One would say that Nature, like untrained persons, by the disturbing influence of the earth or dain a said without nestling about or doing comething with her limbs or features, and that high breeding was only to be looked for in trim gardens, where the soul of the trees is still at ease, perhaps; but their in inners are unexceptionable, and a rustling branch or leaf falling The real out of saison is an indecorum. forest is hardly still except in the Indian summer, then there is double in the house, and they are Waiting for the sharp shrunkon months to come with white raiment for the summer's burial."

> SELF-GOVERNMENT.-The poorest education that teaches self-control is better than the best that neglects it.

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