tion.

in nature by the Mirage of the Desert is produced.

in nature by the Mirage of the Desert is produced.

The strata of air wary in temperature, the hyer nearest the sand is hotter than the air above it; the rays from any distant object, such as a house, a tree, a lake, strike at a very oblique angle and then undergo nearly total reflection as explained with the glass when paced at an angle of 80 degrees.

The litusion catted the Ghost is, therefore, a spectral image produced by placing any thuminated object before a large sheet of plate-glass. The illuminated object is conceated from the view of the spectatur, and is made to appear or vanish by alternately throwing on and catting off the fight used to illuminate the figure. The idea of the ghost was first shown by a toy model in which it appeared to be necessary to build a room specially for the exhibition. The writer by arranging lights before and behind the glass, and combining the action of the fiving figure with the spectral one, produced times starting effects which put thousands of pounds into the pockets of the Directors of the Polytechnic Joint Stock Company. Out of £12,000 sterling realized during the first year it was exhibited, the writer received the not too liberal and encouraging sum of £200 ever and above his salary and percentage, and having to pay all the law expenses arising fourly overy fiventer, the work remunerated person in the affair. An attempt to vote him nearly every inventor, the worst remainented person in the affair. An attempt to vote him £1,000 as a General Moeting, was squeiched by an informality in registering the proxies for

The Ghost was produced under the writer's direction at the various London Theatres, viz. at Drury Lane, the Adelphi, and Britainia Theatres; also, in Paris, at the Theatre du Châ-telet, likewise at the Crystal Paluce, Sydenham, and a number of other provincial Theatres and Totains Units Lecture Halls.

It found its way without the permission of the Patentee to Germany, Spain, India, Russia, the United States of America, and must have realized for the various fortunate exhibitors a sum of at least a quarter of a million sterling—the largest sum ever realized by any optical

When the very learned Lord Chanceller, Lord Westbury, gave Judgment for the Patentee in Chancery, he said, that in his boyish days he was taken by his father to see the colobrated Egyptian traveller Belzoni, and the latter exhibited a try which displayed the same kind of effect as the Ghost apparatus. The Lord Chanceller, in alluding to the evidence and affiliavits, with drawings deposited in Court, said that the drawings were direct copies of the Patentee's, and were obtained in some improper manner. In speaking of one person who swore he had seen the ghost at some tea gardens in the neighborhood of Margate, England, his Lordship remarked "that the witness was spoken of as a nigger minstrel;" he was elsewhere deno-When the very learned Lord Chancellor, Lord ship remarked "that the witness was spoken of as a 'nigger minstrel;' he was elsewhere denominated an 'Ethiopian Sorenador.' He was no doubt a most respectable person, a very honest individual, but to put the evidence of such a person against shat of Paraday, Wheetstone and Browster, was a manifest absurdity, he therefore rused that the Defendant's Patent be scaled and the Plaintiffs pay the costs."

The writer cannot conclude this little sketch when the respection must be provided to Mr. Poll

without speaking most approvingly of Mr. Bell Sm .a.'s admirable drawing of the appearance of the Chost to the astonished stadent, which accompanies the description.—Consider Riustrated News.

## HABITS OF LITERARY LABOR.

BY DR. J. G. HOLLAND.

When Mr. Pickwish informed Mr. Injuge that his friend Mr. St. Goodprass and a strong power turn, Mr. Jingle responded:

"So have 1—Epip power—ten thousand insert and power of sealing the state of the tent in the power of the strong power turn, Mr. Jingle responded:

"So have 1—Epip power—tent thousand insert and the power of the strong power turn, Mr. Jingle responded:

"So have 1—Epip power—tent thousand insert and the power of the strong power turn, Mr. Jingle responded it on the spot—Mare by day, Apollo by right—bough the field with an indice—revolution of July—composed it on the spot—Mare by day, Apollo by right—bough the field with a power of the difference of the strong power with an idea—rathed into wine—shop—wrote it down—back again—with the part of the power down driving literary work and being a slave."

The power of the strong power with an idea—rathed into wine—shop—wrote it down—back again—with the part of the power down driving literary work and being a slave.

The power of the strong power again and power power is the power of the power down driving literary work and being a slave.

The power of the power of the power power with a note of the corn driving literary work and being a slave.

The power of the power of the power power with a power power in the power of the p

lating drinks or drugs in order to produce artificially the mood which will not come of itself.
There is a good deal of ourlosity among literary men in regard to the habits of each other. Men who find their work hard, their heath poor, and their projection slow, are always curious concerning the habits of those who accomplish a great deal with apparent ease, Bome men do all their writing in the morating. Some of them even rise before their households, and do nuif their day's work before breakfist. Others do not feel like going to work until after breakfist, and after exercise in the open air. Some fancy that they can only work in the evening, and some of these must wait for their best hours until all but themselves are asleep. Some cannot use their brains at all 1 nme factory Some cannot use their brains at all 1 ame Lately after exercise. Some smoke while writing, some write on the stimulus of coffee, and some on that of alcohol. Irregularity and strange whims are supposed to be characterist: of genius. Indeed, it rather tells against the reputation of a man to be methodical in his habits of literary labor. Men of this stripe are supposed to be mechanical pi-blers, without wings, and without the necessary of an atmosphere in which to spread them.

We know of no better guide in the establishment of habits of literary labor than common sense. After a good night's sleep and a refreshing breakfast, a man ought to be in his best Some cannot uso their brains at all i ame Lately

sense. After a good night's sleep and a refreshing breakfast, a man ought to be in his best condition for work, and he is. All literary men who accomplish much an imminuda their health do their work in the morning, and do it every morning. It is the daily task, performed morning after morning, throughout the year—carefully, conscientiously, persistently—that tells in great results. But in order to perform this task in this way, there must be regular habits of sleep, with which nothing shall be permitted to interfere. The man who cats late support, attends parties and clubs, or dines out every night, cannot work in the morning. Such a man has, in fact, no time to work in the whole round of the hours. Late and irregular habits

night, cannot work in the morning. Such a man has, in fact, no time to work in the whole round of the hours. Late and irregular habits at night are fatal to literary production as a rule. The exceptional cases are those which have fatal results upon life in a few years.

One thing is certain: no great thing can be done in literary production without habit of some sort; and we believe that all writers who maintain their health work in the morning. The night-work on our daily papers is killing work, and ought to be followed only a few years by any man. A man whose work is that of literary production ought always to go to his labor with a willing mind, and he can only do this by being accustomed to take it up at regular hours. We called upon a preacher the other day—one of the most elequent and able men in the American pulpit. He was in his study, which was out of his house; and his wife simply had to say that there was no way by which she could get at him, even if she should wish to see him herself. He was wise. He had his regular hours of labor, which no person was wish to see him berself. He was wise. He had his regular hours of labor, which no person was permitted to interrupt. In the afternoon he could be seen; in the morning, never. A rule like this is absolutely necessary to every man who wishes to accomplish mach. It is astonishing how much a man may accomplish with the hight of doing his number during three or four hours in the morning. He can do this every day, have his afternoons and evenings to himself, maintain the high-st boalth, and live a life

day, have his atternoons and evenings to himself, maintain the high-st boalth, and live a life of generous length.

The reason why some men never feel like work in the morning is, either that they have formed other habits, or that they have spent the evening improperly. They have only to go to their work every morning, and do the best they can for a dozen mornings in succession, to find that the disposition and power to work will come. It will cost a severe effort of the will, but it will pay. Then the satisfaction of the task performed will sweete sail the other hours. There is no darker or deadlier shadow than that cast upon a man by a deferred and waiting task. It haunts him, chases him, harries him, sprinkles bitternoss in his every cup, plants thorns in his pillow, and renders him every hour more unit for its performance. The difference between driving literary work and being driven

tion. But decorum may be in itself a snaro' and it is well that the truth, however coarse vulgar, and unpleasant it may be, should be faced. It must be remembered that the three-bottle and four-bottle men of other days were after all exceptional men, and a mere handful in the community, and that, although most men then thought little of getting drunk, this was with a great many an induigence which they allowed themselves not hactitually, but only on anowed thomselves not injectually, out only on special occasions and with intervals between. The main difference between the drinking habits of the last generation and of the present would seem to be, that formerly men, when they sat down to drink, drank more at a time, they sat down to drink, drank more at a time, while now men drink moderately at a sitting, but in sips or "nips" drink a good deal during each day. Whether the modern habit is better than the old habit is a question which possesses only a speculative interest. The important thing is, that the modern habit should be recognized as vicious and unwholesome. We are aware that this is quite an old story now, and perhaps people may be tired of its repetition. Unfortunately the necessity for speaking of it does not appear to have diminished. About a does not appear to have diministical. About a year ago the doctors published a decirration respecting alcohol, insisting that, as a medicine, it ought to be prescribed with the same care and it ought to be prescribed with the same care and precision as any other powerful drug, and pointing out that its value as an article of diet was immensely overrated. The document also recommended legislation with a view to confine the use of alcohol within proper limits, and to promote habits of temperance. For our own part, we should be disposed to rely much more confidently on the personal influence of the doctors themselves than on any kind of legislation. Something may be done by legislation to enforce order and decorum in the streets and in places of common resort, and to curtail the facilities of common resort, and to curtail the facilities for public drinking, but after all this is only making clean the outside of the platter. Most reasonable persons will admit that the Licensing Act rose about as for to the distribution of the control of the contro reasonable persons will admit that the Licensing Act goes about as far in this direction as is practicable, if indeed it does not rather overshoot the mark. It is just because we are convinced of the powerlessness of legislation, because we distrust all violent coercive measures, and have no faith in any reform that does not spring from voluntary restraints and an improved state of public opinion, that we feel bound once more, at the risk of wearisome iteration, to call no faith in any reform that does not spring from voluntary restraints and an improved state of public opinion, that we feel bound once more, at the risk of wearshome interation, to cail attention to the subject. The Excise roturns, the statistics of criminal offences, the warnings of the doctors, the feverishness and excitement of social life, the prevalence of nervous disorders, the crowded drinking bars, and the marked increase of the number of rooling drunkards in the streets, all point to the same conclusion. It is impossible to doubt the growing intemperance of the working classes. Personal observation on such a point may sometimes be misleading, but the same story cones from all parts of the country. As a rule, high wayes seem to mean only more drinking; and drinking means wile-beading at home and fighting in the streets. Mr. Vermo Harcourit, who opposers to think it recently the prevent of think it recently the prevent of think it recently the prevent of the first property of the prevent of the first property of the prevent of the first prevent of the first

But decorum may be in itself a suaro

impression on the public mind. It is reserved nowadays for the working-man to get drunk in the old way, "like a lord," but the other classes, though they bear themselves more discreetly, suffer for their potations in other ways. Brandy and sods, bitter ale, old glasses of sherry, nips, and pegs, and drams, keep up a perpetual irritation and excitement which, added to the cares and worries of business and the fatigues of social life, wear out the nerves, and are apt to end in hysteria or paralysis. The doctors, who are aware of the spreading ovil, might do much to check it, and their duty in the matter was certainly not exhausted by the signing of the declaration of a year ago. The lesson needs to be constantly and emphatical enforced. The tainly not exhausted by the signing of the de-charation of a year ago. The lesson needs to be constantly and emphatical enforced. The evil should be probed to its root in neglect of sanitary and dictetic rules, and the forced pace of social and especially of business life. The attempt to get through ten hours work in five or six explains in a great measure the craving for stimulants. People, though they have more holidays than they used to have, get less rest, and rest is what they wan .. - Salurday Review.

## GHOSTS.

We have changed much in these days from the old times when ghosts were almost an article of faith, and when the person who told a tale of the world of spirits might chance to gain credence for his narrative without an inner reservation "that, at all events, it is very difficult to account for it." In Queen Elizabeth's time that stage direction in "Hamiet," "Enter Gnost," struck a real chord of emotion amongst the people, and, so far from weakening the force of the illusion, considerably heightened it by introducing a mysterious agency, as to which all were more or less symputhetic. Thus, in the Middle Ages a ghost had a dignity very different from the Pockham apparition of these days. There is a story told in French history of a peasant of Marseilles who was troubled by an uncarthly visitor. The peasant was to make We have changed much in these days from days. There is a story told in French history of a peasant of Marseilles who was troubled by an uncarthly visitor. The peasant was to make his way to the king, and reveal to him a message that would be communicated to him; but if he disclosed it to another—his wife—and he died, falling dead on the spot, too. The perturbed spirit, however, though unfortunate in this choice of a messenger, revealed himself a second time, with similar formalities and threats, and again the garmious French nature could not keep reticent about the news. The tale was told, and the narrator, in his turn, died. Yet a third time the ghost spoke. This time to a farrier. The tale we tell is historical, and the facts precise and ascertained. The farrier kept his counsel, journeyed to Versailies, saw Gold Stick in waiting, who was very polite, but very obturate. A peasant from Marseilles have an interview with the Majesty of France! Impossible; a thing not to be heard of! Farrier brings forward his ghastly facts. Proof offered, asked for, given. Did not two other of the good folks of the town to whom revelation had been made die because they departed on the strict letter of their instruction? rold Stick was alarmed. Could not the truth of these statements be easily ascertained from the local authorities? Gold Stick was relieved. The farrier was to call in a couple of days—he called, saw the king in private, had several in