THE STAR, WEDNESDAY, FEBRUARY 18.

interruptions it meets by the chattering, joking, and loitering in the market places. A building which might be finished in a few weeks is kept on hand many months, and houses that should last for centuries often tumble down before they are complety finished.

We are taunted with a disposition to cheating, which indeed we are taught by the Talmud We cannot deny this; but are the Christians, whose religion is more pure and parison with that of insects. 'I have seen,' more humane, always better than we? An instance may be given of the immorality of even the females, which will serve to show how far this disposition has proceeded. I would give a hundred dollars to any one who can buy from a milk-woman a quart of milk that has no water in it, or a basin of cream that is not mixed up with grits, flour, or the yolk of an egg. Thus, bad morals, a desire for petty gains, and avoiding hard work, are not wholly monopolized by the Israelites .-Idleness, and attempts to display an appearance above their condition, are to be seen among others as well as with us. The wives of the handicrafts, instead of being distinguished as good domestic mothers and wives, are dressed out in silks and satins, whilst their daughters are taught to trill Italian airs. The faults of others, however, in no way justify ours. We condemn not; but let us strive each one to forsake his own misdeeds, with the assurance, that notwithstanding our ignorance and depression, we shall succeed in the improvement of our condition; for the pure flame of virtue is by no means wholly distinguished in the hearts of Israel. Let our brethren compassionate the sorrows of their neighbours, let them be grateful to their benefactors, and obedient to those in authority. Clear away their prejudices, an I they will not be the last in any honorable pursuit.

INSECT TRANSFORMATIONS.

This is the title of the last published portion of the Library of Entertaining Knowledge. Half of a volume only has appeared; but to judge from its intensely interesting character, the remainder will be others crossing each other obliquely, so as their scorn. A fanciful disposition of mind they are more discontented than they were

flying with it to the distance of several an excellent companion to the "Insect Arvards.

"It has been remarked, with reference to these facts of comparative size and strength. that a cock-shafer is six times stronger than a horse ; and Linnæus observes, that if an elephant were as strong in proportion as a stag beetle, it would be able to tear up rocks and level mountains. The muscular power of fish, however, seems to bear a near comsays Sir Gilbert Blane, 'the sword of a sword-fish sticking in a plank which it had penetrated from side to side; and when it is considered that the animal was then moving through a medium even a thousand times more dense than that through which a bird cleaves its course at different heights of the atmosphere, and that it was performed in the same direction with the ship, what a conture. ception do we form of this display of muscular strength." It should, however, be observed, that the muscular power of the sword-fish is principally shown in the rate of swimming, by which the animal overtakes the ships, and thus acquires the momentum which determines the force of the blow. We may understand the proximate cause of the strength of insects, when we look at the prodigious number of their muscles-the fleshy belts or ribbons by whose means all animal motions are preferred. The number of these instruments of motion in the human body is reckoned about 529; but in the caterpillar of the goat-moth, Lyonnet counted more than seven times as many: in the head 228; in the body, 1647; and around the intestines, 2186; which, after deducting 20, common to the head and gullet, gives a total of 4061.

" Any lady,' says Kirby and Spencs, fond of going to be tempted with an exhibition of fine lace, would experience an unexpected gratification could she be brought | dyship; we see something resembling what to examine the muscles of a caterpillar under the microscope: with wonder and delight she would survey the innumerable mus- will study with unwearied patience the incular threads that in various directions envelope the gullet, stomach, and lower intes- and abhor the beautiful fictions of the Fairy tines of one of those little animals-some Qneen; in short, matter-of-fact is their idol. running longitudinally, others transversely, -fiction, romance, or poetry, the objects of

chitecture" volume, noticed in the last volume of the Mirror, in terms of high commendation, which we have much pleasure in extending to the part before us. The cuts are numerous, and for the most part, well executed. Of the value of the notes acknowledging the sources and authorities, we can give our readers but a faint idea. In single pages there are from four to seven and eight such references, so that phenomena are not related, or attempted to be established without precise authority. Such a volume as the present is therefore, of exhaustless interest to the philosophical inquirer, as well as to the general reader; since all these references connect as by chains or springs, and lead by innumerable tracks to some of the most fascinating studies of na-

CASTLES IN THE AIR.

There exists in the world a certain set of sober-minded beings, who profess it as their opinion, that those thoughts which proceed from illusion or fancy ought to be banished from our minds; that time is foolishly and unprofitably consumed in thinking of impossibilities. They dislike or despise poetry as it is frequently composed of fictions, and represents things which are not in the ordinary course of nature. Some of these, who profess to admire nothing but reality or a representation of it, carry their prejudices to a ludicorcus extent: for example, some of them will admire a staring likeness of the last Lady Mayoress and family more than the finest composition of Raphael. "We are not interested," say they, "in looking at features which we know never existed, in a group of ideal personages; but there is an evident reality in the delineation of her Lais frequently before our eyes, and we are therefore pleased with it." These people controvertible facts of Cocker's Arithmetic,

I and far from being one of those persons, * who think, or profess to think, that there is little in real life worthy of their attention ; that common things are below their notice. and that their only pleasures are to be found in the ideal world of their imagination .--Those who hold these sentiments run into the opposite extreme from the set I before described. They say, (for I am always inclined to doubt that they think sc.) that as solitude is the parent of that world of fiction, they infinitely prefer the sight of mountains, the roar of a cataract, or the gloom of a forest, to the acquaintance with man, his ways, manners, and conversation ;--- they profess that they could live retired from life. and feed upon the joys of romance and imagination. I would not advise them to try their plan; they would only destroy a pleasing illusion, and convince themselves that they were wrong. Yet, for my part, (though I am not one of these would-be anchorites.) I am fond of indulging myself at times in building castles in the air, and consequently of the occasional solitude which produces them. Were I deprived of these illusions. I should feel as if I had lost an intimate companion, who was always at hand to raise

I -lil

cried

tome

vond

lia

rom

" G

but

sary

hea

gan

no

my

amo

giv

had

the

in

to

the

sto

lice

cip to

nis Th

0

fir

va

du

The ancient poets tell us, that of the contents of Padora's box, every thing escaped. except Hope, which remained at the bottom to console mankind. Now I am disposed to keep up the Allegory, and to suppose these illusions to constitute the box itself in which this universal comforter Hope was contained. Indeed, as the box seemed necessary, in order that its contents should be retained, so these illusions appear to me to be necessary for the preservation of Hope, which is surrounded by, and, as it were, contained within them. Had it not been for them, it would, with the rest of the contents, have escaped and left the mind of man without a consolation in misfortune.

my spirits and to comfort me under every

misfortune.

I must confess I pity those who have no pleasure in these illusions; and who tell you that when this

"Fancy's fairy frost-work melts away,"

looked for with much anxiety. We quote to form a pattern of rhomboids or squares : may be disadvantageous; but it may be before, and feel that they have only been about half a dozen pages from the most at- others, again, surrounding the intestine like doubted whether we should not be, as it playing Tantalus with happiness. This, in so many rings, and almost all exhibiting the were, wearied by the continual succession of my opinion, argues a most inverate deterappearance of being woven, and resembling realities, were it not for the occasional relief mination (perhaps not an uncommon propensity) to be discontented; together with gan; and another a second; and another a are at all times at hand to assist us when an ingratitude to the moments which have afforded us pleasure; an ingratitude to the moments which have afforded us pleasure; an ingratitude which deserves the self-inflicted punishment it often receives, of never enjoying any at all. A contented mind will encourage ,hese imaginary pleasures, at whatever time they appear; will snatch the delight of them, be it but for a moment. and, when these magic fascinations are fled! will return to the dreary scene of reality with cheerfulness, thankful for what it has: enjoyed, and prepared for whatever it is about to suffer.

tractive portion :--

" Muscular strength of Insects.

""In great muscular power, insects as Baron Haller remarks, appear to excel in proportion to their diminutiveness. Of this we have a remarkable example in the common flea, which can draw seventy or eighty times its own weight. The muscular strength of this agile creature enables it not only to resist the endeavours to crush it, but to take leaps to the distance of two hundred times its own length ; which will appear more surprising when we consider, that a man to equal the agility of a flea should be able to leap between three and four hundred yards. The flea however, is excelled in leaping, by the cuckoo-spit frog-hopper (Tettiyonia spumaria, Oliver.) which will sometimes leap two or three vards-that is more than 250 times its own length; as if, (to contique the comparison) a man of ordinary stature, should vault through the air to the distance of a quarter of a mile. The minute observation by which such unexpected facts are discovered, has in all ages been a fertile source of ridicule for the wits, from the time when Aristophanes in his Clouds introduced Socrates measuring the leap of a flea, up to Peter Pindai's lampoon on Sir Joseph Banks and the emperor butterfly .--To all such flippant wit we have merely to retort the question of the Abbé de la Pluche 'if the Deity thought insects worthy of his divine skill in forming them, ought we to consider them beneath our notice ?'

"Monffet, in his Theatre of Insects, mentions that an English mechanic, named Mark, to show his skill, constructed a chain ot gold as long as his finger, which, together with a lock and key, were dragged ther flea, which could draw a golden chariot, to which it was harnessed. Bingley tells us that Mr. Boverich, a watchmaker in the Strand, exhibited, some years ago, a little ivory chaise with four wheels, and all its proper apparatus, and the figure of a man sitting on the box, all of which were drawn by a single flea. The same mechanic afterfour persons inside. two footmen behind it. and a postilion riding on one of the fore flea. Go dsmith remarks upon these disappear to be at all miraculous. Latreille tells us a no less marvellous story of another flea, which dragged a silver cannon twentyfour times its own weight, mounted on two wheels, and did not manifest any alarm when this was charged with gunpowder, and fired off. Professor Bradley, of Cambridge, also mentions a remarkable instance of insect ral, for caterpillars are for the most part and it at the same time we delight to weave strength in a stag-beetle (Lucanus Cervus) very easily bruised, and otherwise injur- to those spider-webs of fancy, which the which he saw carrying a wand a fost and a led." half long, and half an inch thick, and even | The "Insect Transformations" will form | away.

fine lace-one pattern ornamenting one or- of fancy or illusion, whose ideal pleasures third.'

to which we have before alluded, under a of future happiness or greatness which frebell-glass, which weighed nearly half a pourd quently occur to every one, and if I mistake and of course more than ten times the weight | not, even to those who profess to despise the of the insect, vet it raised it up with the greatest ease. We then places over the glass reasoning, we might feel could not be rethe largest book which we had at hand-' Loudon's Encyclpædia of Gardening,' consisting of about 1500 pages of strong paper, ing dreams, commonly designated by the and weighed four pounds; but this did not name of Castles in the Air These freaks prevent the escape of the animal, which of fancy prevail in a less or greater degree raised the glass, though loaded with the in every one, from the madman in whom book, nearly a hundred times its own weight, they are strongest down to the ideot in whom and made good its exit. The multiplicity their influence is hardly perceptible. In the of its muscles above enumerated, 236 of madman they have overcome his intellect which are situated in the legs alone, will en- | and entirely blinded his reasoning faculties. able us to understand how this extraordinary so that he fancies that he has lost his head. feat was performed. Even this power of and runs about in search of it, or that he is muscle, however, would doubtless have been transformed into a tea-pot, and is afraid of unavailing in raising the loaded glass, except being broken. Next to him comes the poet: in connexion with two favourable circum- he seems to be the boundary which limits stances under which the experiment was sanity; beyond him is madness; for small performed, and which are necessary to be is the barrier which divides from inspiration borne in mind to reader the operation per- His imagination is more vivid than that of fectly credible: first, that the wedge-like other men, but it has not quite overcome form of the caterpillar's head, in connexion his reason. After these follow the general with the peculiar shape of the glass, enabled mass of mankind, who are all, in their seveit to lift it ; and second, that, on one side of | ral stations, subject to these waking dreams. the glass resting on the table; the insect only | What would become of the lover if he were bore half the weight of the class and book.

A peculiar toughness of external covering | picture to himself a sort of acmè of happisometimes supplies the place of this muscular power in caterpillars. A singular instance occurs in the history of a common downy two-winged fly, with grey shoulders and a brown abdomen (Eristalis tenax, Second Editions, which, on a return to his along by a flea; and he had heard of ano- Fabs.) The grub, which is eat-tailed, lives senses, and a perusal of the productions of in muddy pools, with the water of which it his pen, would quickly vanish into air ?has sometimes been taken up by paper-mak- How wretched would be the solitary hours ers, and, though subjected to the immense to a younger son of a remote branch, if he pressure of their machinery, it has survived were denied the pleasing occupation of picin a miraculous manner. Such is the ac- turing to himself the pleasure he would feel count originally given by Linnæus. A re- in possessing the wealth and rank of a discent compiler, mistaking Kirby and Spence's tinguishad nobleman, should he, by the exvery apt comparison of this grub to a Lon- tinction of only fourteen awkwardly interwards constructed a minute landau, which don porter nick-named Leather-coat-Jack, vening heirs, arrive at the summit of his opeged and shut by springs, with the figures. from his being able to suffer carriages to hopes. The petty clerk of an office, ceasing of six horses harnessed to it, and of a coach- drive over him; without receiving any inju- awhile from the toil and drudgery of his man on the box, a: dog, between his legs, ry forthwith fancies the porter to be another desk, revolves his plans for saving the natiinsect, called teather-coat-jack,' which 'will- on and advancing his family, should he bebear heavy carriage wheels to pass over it. made Secretary of State. The gambling horses, which were all easily dragged by a with impunity.' Since the grub in question groom, when he has lost his last penny and is rather soft, it must be the tough texture broken his dice box against the table of the plays of publican strength, that the feats of of theiskin which preserves it, as in the si-Sampson would not, to a community of fleas, milar instance of the caterpillar, of the pri- he will cut when he wins a prize in the Lotvot hawkmoth (Spuinx Ligustri,) 'which tery and becomes a country Squire.-To Bonnet squeezed under water till it was as these illusions are the minds of nien contiflat and empty as the finger of a glove, yet | nually prone; and at no time more so, than within an hour it became plump and lively when, by any accident, they are left for a as if nothing had happened.

just recorded are peculiar rather than gene- wards ourselves and our prospects in life;

we are overcome with real cares of life. By "We put the caterpillar of the goat-moth, these illusions I mean those incoherent ideas workings of imagination :-- ideas which, on lized without some most material change in ourselves and circumstances, -- a sort of wakness, which, upon reflection, he would feel led on by his fancy to dreams of imaginary servants' hall, retires to meditate on the dash short time in solitude. Our thoughts then "The instances however, which we have receive a selfish cast; they are directed tobustle of the real world quickly sweeps

AN OLD FRIEND WITH A NEW FACE .- Previously to his elevation to the sovereignty. Jerome Buonaparte led a life of dissipation at Paris and was much in the babit of frequenting the theatres, and other public places of amusement. He had formed an initimacy with some young authors at that time in vogue for their wit and reckles gaiety. On the evening after his nomination to the crown of Wesiphalia, he met two of his jovial companions just as he was leaving the theatre. "My dear fellows," said he, "I am delighted to see you: I suppose you know that I have been created king of Westphalia ?""" Yes, sire, and permit us to be denied some moments in which he might among the first to-" "Eh ! what ! you are ceremonius methinks: that might pass were I surrounded by my court; but at present, was unattainable ? Where would be the hap- | away with form, snd let's be off to supper." py hours of a young author, if he were not Jerome upon this took his friends to one of the best restaurateurs in the Palais Royal.-The trio chatted and laughed, and said and did a thousand of those foolish things which when unpremeditated, are so delightful.-Conversation, it may be supposed was not kept up without drinking. When the wine hegan to take effect, "my good friends." said Jerome, "why should we quit each other? If you approve of my proposal, you shall accompany me. You, C-, shall te my secretary; as for you P-, who are fond of books, I appoint you my librarian." The arrangement was accepted, and instantly ratified over a fresh bottle of Champagne. At last the party began to think of retiring and called for the bill. Jerome produced his purse: but the king of Westphalia whose royal treasury had not as yet been established on a regular footing, could find only two louis which formed but a small portion of two hundred francs, the amount of the restaurateur's demand. The new dignitaries. by clubbing their worldly wealth, could muster about three francs. What was to be dope? At one o'clock in the morning where could resources be found ? It was at, last deemed expedient to send for the mas ter of the house, and to acquaint him how matters stood. He seemed to take the frolic in good part, and merely requested to know the names of the gentlemen who had done him the honour to sup at his house. "I and

