THE STAR, WEDNESDAY, FEBRUARY 18.
interruptions it meets hy the chattering, joking, nnd loitering in ithe market places. weeks is kepit on hand many months, and
honses that should hast for centuries ofter houses that shomild hast for centuries often
sumbloe down belore they are complety finished
We re taunted with a lisposition tn cheat ing, which indeed we are taught by the Tal-
mond We cannot denv this; but are the Christians, whose religion is more pure and
more humane, always better than we? An minre humane, always better than we? An
instance may be given of the immorality of instance may le given of the immorary or
even the females, which will serve to show
huw far this disposition has proceeded. In huw far this disposition has proceeded. It
would give a hundred dollars to any one who can buy from a milk-woman a quart of milk that is not mixed up with grits, flour, or the yolk of an egg. Thus, bad morals, a desire for petty gains, and avoiding har. 1 work, are not wholly monnpoized by the Israetites.Ince above their condition, are to be seen among others as well as with us. The wives
of the handicrafts, instead of being distinof the handicrafts, instead of being distin-
guished as good domestic minthers and wives, guished as goor domestic mothers and wives,
are dressed out in silks and satins, whilst te aresseg dugters a are taught to trill' Italian
theirs. The faults of others, however, in no
ain airs. The faults of others, however, in no
way justify ours. We condemn niot; but way justify ours. We condemn int, own misdeeds, with the assurance, that notwith-
standing 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 no means wholly distinguished in the hearts
of Israel. Let our brethren compassionate the sorrows of their neighbours, lit them be
grateful to their benefaetors, and ohedient to grateful to their benefaetors, and ohedient to
those in authority. Clear away their prejudices, an l they will not be the last in any
dity dicesorable pursuit

INSECT TRANSFORMATIONS.
This is the title of the last publishet mor-
on of the Library of Entertaining Knowledge. Half of a volume only has appearledge. Hali of a volume only has appear-
ed but ojudge from its intensely inte-
resting character, the remainder will be resting character, the remainder will be
looked for with much anxiett. We quote
aborit half a dozen pages from the most ataborit half a dozen $p$
tractive portion :-

Muscular strength of Insects. "In great muscular power, insects as Bat
on Haller remarks, appear to excel in priportion to their diminutiveness. Of this we
have a romarkable example in the common have a remarkable example in the common
flea, which can draw seventy or eighty times flea, which can draw seventy or eighty time
its own weight. The muscular strength of this agile ereature enables it not only to re-
sist the endeavours to crush 1t, but to take leaps the distance of two hundred time
its own lergth; which will appear more surprising when we consider, that a man tn
equal the agility of a flea should be able to equal the agility of a flea should be able to
leap between three and four hundred yar s. leap between three and four hundred yar by
The flea however, is excelled in leapinı, by the cuckno-spit frog-hnpper (Tettiyoniu,
spumaria, Oliver.) which will sometimes leap two or three eards-that is more than
250 times its own length; as if, (to continue the comparison a man of ordinary sta-
ture, should vault through the air to the distare, of a quarter of a mile. The minute observation by which such unexpected facts
are discoverend, has in all ages been a fertile source of ridicule for the wits, from the
time when Aristrphanes in his Clouds in. tr duced Sorrates measuring the leap of a
flea, up to Peter Pindai's lampon on Sir To all such flippant wit we have merely to retrot the quifstion of the Ablé de la Pluche
if the Deity thought inseets worthy of his divine vkill in forming them, ought
consiler them beneath our notice?
"Molffet, in his Theatre of Insects, men-
ions that an English mechanic, namein tions that an English mechanic, nameil
Mark, to show his skill, cetnstructed a chail of gotd as long as his finger, which, toge--
ther with a lock and kev, were dragged
along liv a flea; and he hat heard of another Hea, which could draw a golden chariot to which it was harnessed. Bngley tells us
that Mr. Boverich, a watchmaker in the
Strand, exhibited, some years ago, a little Strand, exhibittec, some years ago, a little
ivory chaise with four wheels, and all its proper apparatus, "nd the figine of a man
sitting on the box, fall of which were drawn Ly a'single flea, The same mechanic after
wards constructell a minute landan, which
 man on the tox a adog, hetween his legs,
fouir persons iñide. two foctmen behind it four persons
and a postilion ridiny on one of the fore
horses, which were all easily dragged by a flea. Go dsmith remarks upnn these dis-
plays of pultican strength, plat the feats of
Sampson would nct, to i commembity of flas. appear to be at all miraculons. Latroille
tells us a no less narvellous story of another
flea, whel draged a silver cannon twentyflea, whinh dragged a silver cannon twenty-
four times its own neight, marinted on tyo wheels, and did not manifest any alarm
when this was charged with gumpowder, and fired off: Protessor Bradtey, of Cambridge, also mentions a. remakabe instance of insect
strength in a stag-beetle (Lucanus Ccreus)
whir $h$ he saw Calr ing a wand a for tands strength in a stag-beetle (Lucanus Cervus)
whirh he saw carr ing a wand a fot and a
half long, and half an incl thick, and even

## fying yards. "It

 "It has been remarked, with reference to these a acts 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 heetle, it would be able to tear up rock
 of fish, however, seems to bear a near com-
parison with that of insects. 'I have seen, parison sir Gilbert Blane, the sword of a
says Sif
sword-fish sword-fish sticking in a plank which it had
penetrated from side to side; and when it is
consldered that the animal was then moving consldered that the aimal was then moving more dense than that through which a bird
cleaves its course at different heights of the atinnsphere, and that it was performed in
the same direction with the ship, what a conthe same direction of this display of muscu-
ception do we form
lar strength." It should, howerer be ob served, that the inuscular 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. W which determines the force of the blow. We
may understand the proximate cause of the may understand the proximate cause of the
strength of insects, when we look at the prodivious number of their muscles-the fleshy
belts or ribbous by whose means all animal motions are preferred. The number of these
instruments of mution in the human hodv is reckoned about 529; but in the caterpillar of the gnat-moth, Lyonnet counted more
than seven times as many: in the head $2 \cdot 28$ in the hodv, 1647 ; and around the intes-
tines, 2186 ; which, after deducting 20 , commonn to the head and gullet, gives a total of
4061 . : ": Any lady,' says Kirby and Spencs, bition of fine lace, would experience an un-
expecte.: gratifcation could she be brought
to examine the nuscles of a caterpillar to examine the nuscles of a caterpillar un-
der the microscope: with wonder and de-
light she would survev the innuneral light she would survev the innumerable mus-
cular threads that in varions directions envelope the gullet, stomach, and 1 wer intes-
tines of one of thase little animals-s rome
renning others crossing each otico oliquelv, so as
to form a pattern of rhmmionis or squares to form a pattern of rhommions or squares:
others, again, surrounding the intestine like
so many ringe, and almost all exhithiting the appearance of being woven, and resembling fine lace-one pattern ornamenting one or-
gan. and another a second; and another a
third. "We put the cateppillar of the goat-mnth,
to which we have bufore alluded, hrder a
 of the insect, vet it raised it up with the
greatest ease. We then places over the glass the largest hook which we had at hand-
'Loudon's Encrelpæedia of Gardening, consisting of alonut 1500 pares of strong vaper,
and weighed four poulds ; but this did not prevent the escaple of the animal, whinh
raised the glass, thongh loaded with the
land book, nearly a hundred times its own weight,
and made good its exit. The multiplicity of its mascles atove enumerated, 236 of
which are situated in the legs alone, will enfeat was performed. Erell this power muscle. however, wonld doultless have breen
unavailing in raising the loaded glass, except in connexinn with two favonrable circum-
stan stances under which the experiment was
performed, and which are necessary to be horne in mind to der the operation per-
fectly credible: fr-t. that the wedge-iike with the peculiar shape of the, glass, enabled
it to lift it ; and second, that, on one side of the glass resting on the table; the insect only
bore half the weight of the lass and beok. A pecular tonghness nt external covering
srimetimes supplie; the place of this muscular power in caterpiliars. A singular in-
stance occurs in the history of a common downy two-win 弓ed fly, with grey shoulders and a
Falis.) The grub, which ic eat-taileld lives
in muddy pools, with the water of which it in muddy pools, with the water of which it
has sometimes been taken up by paper-mak-
ers, and thouch subiected to the inmens ers, and, thaogh sumected the the machense in a miraculous manner: Such is the ac-
count originally given bv Linnæens. A recount, originally given bv Linnews. A re-
cent compiler, , aistakiog Kirty and Spence's
very apt coumparison of this grub' very apt comparison of this grub to a Lon-
don porter nick-named Leather-eat-Jack,
from lisis being able to suffer carriages to from lisis bieing able to suffer carriages to
drive over him; without receiving any injudrive over him; without recenving any inju-
ryfortliwith fancies the peafter to . . Ae enother
insect, called teather-coat-iack, which ; wr insect, calle teather-coat-lack, Which whl
hear heai y captiage wheets to pass over it with impunity, Since the grint in question
is trather sof, it must be the tough texture
of the skiu whuly of the:skim whecrybeserxes, it, ans in the si-
milar instance of the caterpillar. of the pri-
 Bonnet squeezed under water till it was as
flat and emptyas the finger of a glove, yet as if nothing had bappened. "The instances however, which we have
jnist recorded are peculiar rather than gene-
ral for caternillers ral, for caterpillars are for the most part
very, easily bruised, and otherwise injur-
ed, The "Insect Transformations" will form

## an excellent companion to the "Insect Ar chitecture" volume, noticed in the last

 ethitecture" volume, noticed in the last volume of the Mirror, in terms of high csm. lume of the Mirror, in terms or high csm-
mendation, which we have much pleasure in extending to the part before us. The cuts are numercus, and for the most part, well
executed. Of the value of the notes acknowledging the sources and authoriti can give our renders but a faint ide.
single pages there are from four to nd eight such references, so that phe
a are not related, or attempted to be lished without precise authority. volume as the present is therefore, of ex austess interest to the philosophical in quirer, as well as to the general reader; since
all these references connect as by chains or
springe, and lead hy innumerable tracks to springs, and lead hy innumerable tracks to
some of the most fascinating studies of nasome of
sure.

## castles in the air.

There exists in the world a certain set sober-minded beings, who profess it as thei
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 ordirepresents things which are not in the ord
nary course of nature. Some of these, who profess to admire nothing but reality or
representation of it, carry their prejudices $t$ a ludicorcus extent: for example, some of
them will admire a staring likeness of the them will admire a staring likeness of that
last Lady Mayoress and family more than the finest composition of Raphael. "We ar
not interested," sav they, "in looking a features which we know never existed, in group of ideal personages; but there is an
evident reality in the delineation of her La dyship; we see something resembling wha
is frequently before our eyes, and we ar hereffre pleased nith ite.", These people
will study with unwearied patience the in rontrovertible farts of Cocker's Arithmetic, Qneen; in short, matter-of-fact is their id. -fiction, romance, or poetry, the objects o :nay be disadvantageous; but it may be
doibted whether we should not be, as it
were realities, were it not for the occasional relie
of fancy are at all times at hand to assist us when we are nvercome with real cares of life. By
these illusions I mean those incoher-nt idea of future happiness or greatness which fre-
quently nccur to every one, and if I mistak not, eien to those who profess to despise the workings of imagination; ;ideas which, on reasoning, we might feel conla not be re"
lized without some most material change $i$ ing dreams, commonly designated by the name of Castles in the Air These freak of fancy preval in a less or greater degre
in every one, from the madnan in whom
onev are they are strongest down to the ideot in whom
their influence is hardly perceptible. In the
madman ther have overcone his in mad man the have orercome his intellect so that he fancies that he has lost his head,
and runs about in search of it, or that he transformed into a tea-pot, and is a fraid of
being broken. Next to him comes the he sefms to be the boundary which limit sanity: beyond him is madness; for small
is the barrier which divides from inspiration His imagination is more vivid than that of
other men, but thas not quite overcome mass of mankind, who are all, in their several stations, subject to these waking dreams.
What would bercme of the lover if he were denied some moments in which he righ
picture to himself a sort of acme of hapi ness, which, upon reflection, he would feel
was unattainable? Where would be the hap py hours of a y yung authro, if he were not
led on by his fancy to dreams of imaginar Second Editions, which, on a return to hi his pen, would quickly vanish into air?-
his How wretched would be the solitary hours
to a yonnger son of a remote branch, if he
were denied the pleasing occupation of turng to himself the pleasure he would feel in possessing the wealth and rank of a dis
tinguishad nobleman, should he, by the extinction of only fourteen awkwardly inter eening heirs, arrive at the summit of his
hopes. The petty clerk of an office, ceasing awhile from the thil and drudgery of his desk, revolves his plans for saving the nati-
on and advancing his family, should he be
made. Secretary of State made. Secretary of State. The gambling
groiom, when he has lost his last penny and
broken his diee the broken his diee box against the table of th
servants' hall. retires to meditete on the das see will cut when he wins a prize in the Lot-
tery and becomes a country Squire. - To these illusions are the minds of men cont1nually prone; and at no time more so, than
when, by any accident, they are left for
short short time in solitude. Our thoughts then
receive a selfish cast; they are directed towards ourselves and our prospects in lite
and it at the same time we delight to weav to those spider-webs of fancy, which the
bustle of the real world quickly sweep

I anif far from being one of those persone who think, or profess to think, that there 18:
little in real life worthy of their attention: that common things are below their notice.
and that their only pleasures are to be fund ind that their only pleasures are to be found
ideal world of their imagination.Tlinse wha hold these sentiments run into the opposite extreme from the set I before
described. They say, (for I am aluays inclined to donbt that they think se.) that as solitude is the parent of that world of fictin, they infinitely prefer the sight of moun-
tains, 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. Fould not advise them to try ieir plan; they would only destroy a pleas-
ing illusion, and convince themselves that they were wrong. Yt t , for my part, (though
I am not one of these would-be anchorites, I am fond of indulging wyself at times in
burlding 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 alwars at hand to raise my spixits
misforture
The ancient poets tell us, that of the con-
ents of Padora's box, evary thing escaped except Hope, which remained at the bottom keep up the Allegory, and to suppsese these eep up the Allegory, and to suppose these
illusions to constitute the box itse? in which his onversal 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 neces sary for the preservation of Hope, which is surrounded by, and, as it were, contained
within them. Had it not been. for 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 onsolation in misfortune.
I must confess I pity those who haveno
pleasire in these illisions; and who tell gou pleastire in these illusions; and who tell you
that when this
"Fancy's fairy frost-work melits away," playing Tantalus with happiness. This, in ny opinion, argues a most inverate determination (perhals not an uncommon pro-
pensity) to be discontented; together with pensity) to be discontented; together with
an ingratitude to the moments which have afforded us pleasure; an ingratitude to the moments which have affirded us pleature;
an ingratitude which deserves the self-inficted punishment it often receives, of never
enjoving any at all. A contented mind will encourage , hese imaginary pieasures, a Whatever time they appear; will snatch the ielight of them, le it but for a moment,
nd, when these magic fascinations are fed will return to the dreary scene of reality with cheerfulness, thankfol for what it has enjoved, and prepared for whatever -it is
about to suffer.

An old friend with a new face.- Pre vinusly to his elevation to the sovereignty, at Paris and was much in the babit of frequenting the theatres. and other public pla-
ces of amusement. He had formed an intimacy with some young authors at that timu in vague for their wit and rechles gaiety. On the erening after his nomination to. the
crown of Westphalia, he met two of his in vial companions just as he was learing the
heatre. "My dear fellows," heatre. "My dear fellows," said he, "
am delighted to see youl: know that $\begin{aligned} & \text { I have been created king of West- } \\ & \text { phalia ? }{ }^{\text {? }} \text { " Yes, sire, and permit us to be }\end{aligned}$ mong the first tio-" "Eh! what! you are erenromis methinks: that might pass were
I surrounded by my court ; but at. present. way with form, snd let's be off to supper.' Jernme upon this took his friends to one. of
the best.restaurateurs in the Palais Roval The trio chatted and laughed, and said and did a thousand of those foolish thungs which Conversation, it mav be supmed are so delightful. kept up without drinking. When the wine hegan to take effect, "my good friends," ther? If you approve of my proposal, ke my secretary; as for you P-, who are
ond of books, I appoint you my librarian," The arrangement was accepted, and instant-
Iv ratified over a fresh bottle of Champagne y ratified over a fresh bottle of Champagne.
At last the party began to think of retirins 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 treaservy had not as yet beenn establish-
ed on a regular footing, could find only two ed on a regular footing, could find only two two hundred francs, the amount of the restaurateur's demand. The new dignitaries, by clubling their worldly wealth, could
muster about three fraics. What was to be done? At one occlock in the morning where conld resources be found? It was at last deemed expedient to send for the mas
ter of the house, and to acquaint him how ter of the house, and to acquaint him how
natters stood. He seemed to take the frolic in gond part, and merely requested to know the names of the gentlemen who had done
lim the honour to sup at his bouse. "I anz

