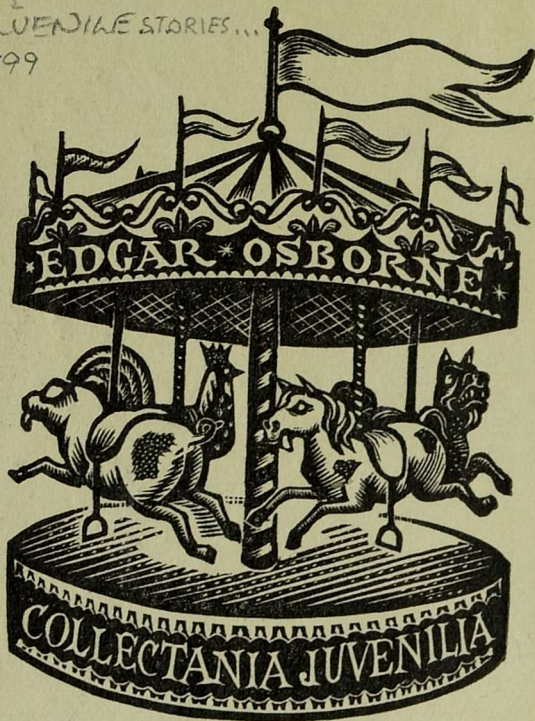




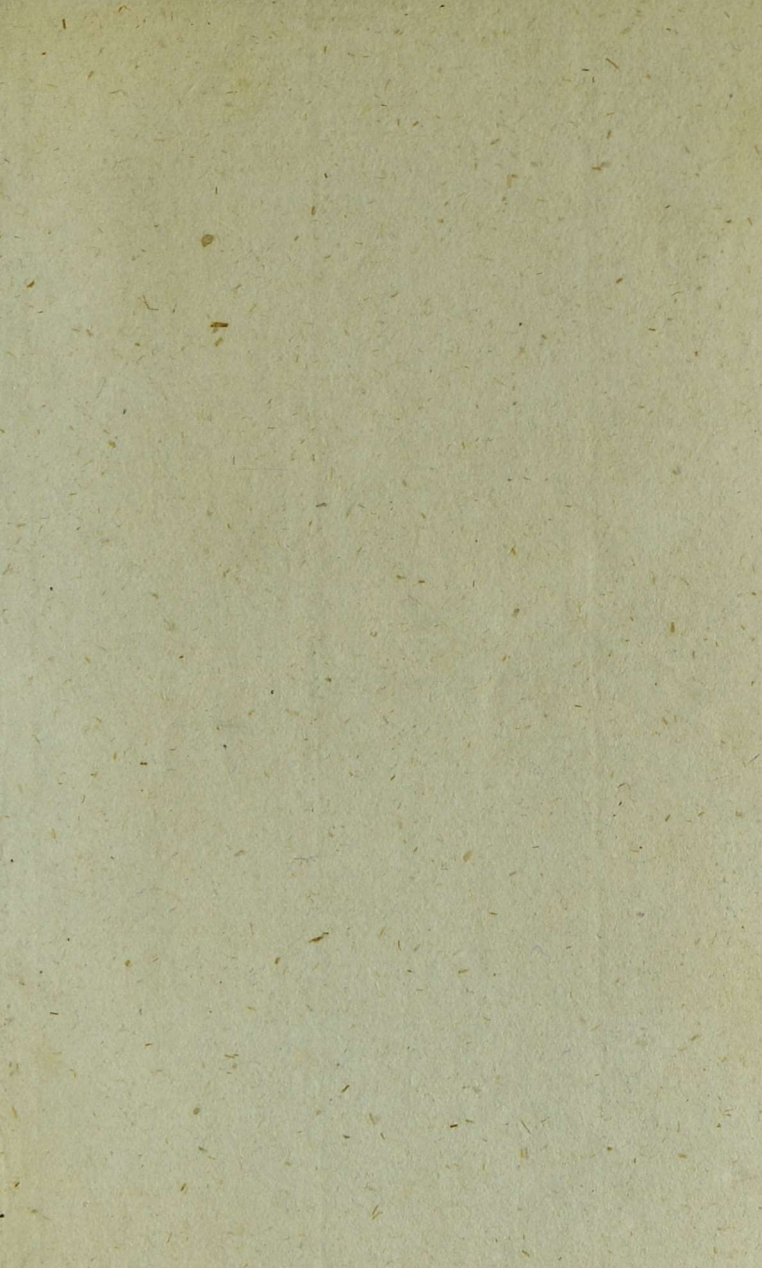
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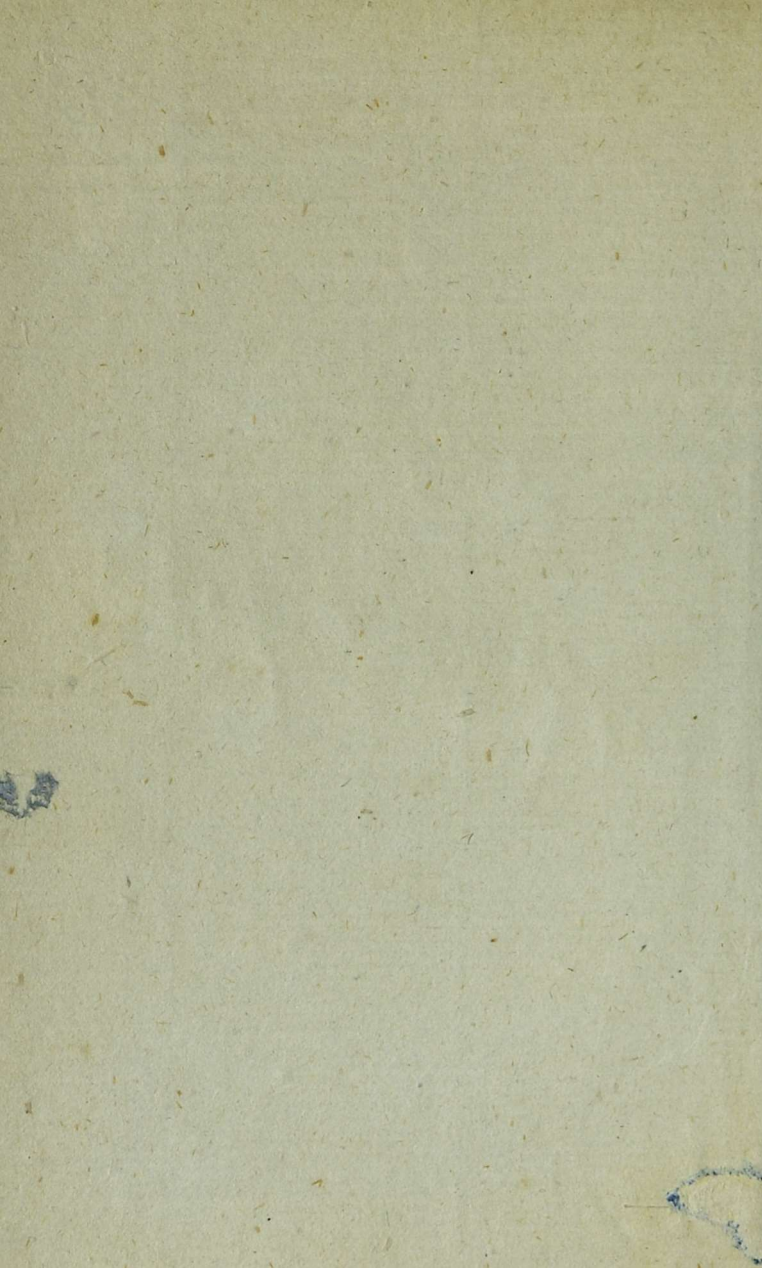
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JUVENILE STORIES...
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July 15th 1861



Thurston del.

E Thomson Sculp.

The Chimney Sweep.

Published for Vernor & Hood, May, 1st 1799.

JUVENILE
Stories and Dialogues,

COMPOSED CHIEFLY IN
Words of Two Syllables,
FOR THE
USE OF SCHOOLS,
AND
YOUNG READERS.



LONDON:
Printed for VERNOR and HOOD,
No. 31, POULTRY.

1799.

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1850



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JUVENILE

Stories and Dialogues.

I.

I C E.

*Charles, running with a piece
of ice,*

MAMMA, I have found glafs in
the yard. Look here!

Mamma. No, Charles; that is ice.

Ice, Mamma! what is that?

Water in a hard state, owing to
cold. You know what cold is?

Yes. But soft water to become
hard like glafs, how is that?

B

When

When the air is cold to a certain degree, 'tis called frost; and water takes that form, and swells, and bursts vessels. See, here is a bottle burst that held water.

How does water swell with cold, Mamma?

Water in the act of freezing *takes in air*, which makes ice lighter than water, and will swim on its surface, as you may see; and makes the water so solid, that you may in a day or two walk over the pond in safety, if you don't fall down; for ice is very slippery, and therefore affords pleasure in sliding and skating.

skaiting. John shall teach you how to skait; else you may hurt yourself by falling, or venture upon the ice before it be strong enough, which, if it were not, would break, and you would fall through into the water, and might be drowned.



SNOW.

HERE is something very white, but very cold, Mamma; and it lies over all the yard.

That is called snow, Charles; and is ice under another form, being very small drops of rain or water frozen as they fall from the clouds. Its whiteness is owing to the small parts of which snow is formed, and which does not transmit the rays of light. Ice, if broken into small parts, would be white.

Snow is very useful. Like the cover upon your bed, snow covers
the

the ground, and prevents the very great cold of frost from killing grafs, wheat, shrubs, and other useful things. You may soon see, Charles, frost under a form called hail, or round things like peas. Hail-stones are drops of rain, quickly formed into a hard mass. But look upon those bushes, Charles, and there you will see ice under another form, which is called hoar-frost, and which is dew or mist frozen; and in that state you observe the twigs glitter like drops of pearl, or plumes of silver, more rich in shape and fancy than could be wrought by the most skilful artist.

II.

A WALK IN THE FIELDS,

CORN, BREAD, &c.

WHAT is this, Charles?—
 Grass.—True, it is a kind of grass,
 but more often known by the name
 of corn; and corn, you have been
 told, makes bread.

Yes, I have; but can this green
 grass (I am going to call it grass
 again) ever become white bread?

Yes, these green blades, very like
 grass as they now appear, by a pro-
 cess

cess of nature, and the hand of art, are changed into that useful and constant food which we call bread.

This must be very strange work: how is it done?

That would be a long story; and it may be above your thoughts; but I will give you a brief account. From these green blades shoot out stems which bear seeds like this head of grass: this seed is the corn, which, when ripe, is cut down, by men and women, with tools called sickles, and bound up into bundles called sheaves, which, after being dried by the sun and
the

the air, is carted, and laid up in barns; after which, the corn is beat out from the straw by very hard work; and then the corn is again cleared from the chaff which surrounds it, by passing it through sieves before the wind, when the chaff being lighter than the corn, "flies before the wind," leaving the corn upon the spot. And in this state it was eaten in times of old; but when they wished to shew respect to a friend who called upon them, they took pains then to parch it, as we read in the Bible, and in this state it was a great feast. After a while, they went further, and bruised the corn in a hollow

hollow

hollow stone; but this was very hard work, and it took up a great deal of time to bruise a very little corn; but with this they made a feast, which was only a cake made up of this ill-ground flour, mixed up with water, without yeast to make it light, as ours is at this time. In this state it was thrown upon the embers of the fire, and there baked, as well as such poor helps would supply.

In time mills were found out, which would bruise the corn to fine flour, as you have seen: but these cost a deal of money; therefore the Lord of the Manor built them

them for his tenants, and caused them to bring their corn to his mill, for which he took a toll, or a certain part of the grain. These restraints to grind at the same mill, in these days, are called great hardships; though, when they were built, they gave much easement to all ranks. For the flour thus ground makes better bread; and those who follow this calling know how to make up the flour into puddings, tarts, cakes, and many other things good and pleasant to our palates; and which men in times of old never tasted, or could have thought of.

We

We live in happy days, Charles;
and have so many comforts of life,
that we know not their proper va-
lue.



III.

THE TEA TABLE.

OH, dear! I am so glad to have tea! Why have we not always tea?

Because it is not so good for little boys and girls as milk.

I am sure I like it better.

That may be. You like cake so well, and eat so much, that it made you sick.

But tea is so much better than milk.

But

But then it is much dearer.

And why should tea be dearer than milk?

Because it comes from places which are a great way off.

Why, don't you get it at the grocer's?

Yes; but it does not grow there. The tea our grocer sells, and we buy, has passed through many hands, and over many hundred miles.

Why, what is tea?

c

A leaf,

A leaf, which grows upon a shrub, from which it is picked, then dried, then packed up in boxes, and sent to us over great seas in large ships.

Why not grow it in our garden?

We have many herbs which, either green or dried, make good tea. But the plant on which this leaf grows requires countries warmer than this, unless reared within buildings covered with glass, and warmed by fire.

Where does tea come from then?

China.

China. I will shew you the place in the map, and on the globes: although you have not learned the use of either, yet you may see something about distance. See, here is England, there is a great broad sea, and here lies China, from which we fetch this tea. Do you perceive how many countries (on land) lie betwixt England and China? Well, this is not all: we put sugar into the cup, to make the tea sweet and pleasant; sugar is bought at the grocer's as well as the tea. But sugar too is fetched in ships a great way, though quite another road: from the west, as tea is from the east.

Look again at this map. Here is England; there, on the right-hand, or east, lies China; whilst here, on the left-hand, you see a cluster of islands, called the West Indies, from which comes the sugar now in this basin.

Well, I could not have thought all this. But what is sugar?

Sugar grows within a plant called the cane. We have nothing very like it here. Sugar is the juice of the cane, which, at a proper season, is cut down, and crushed in a mill with rollers, and from this issues a sweet liquor, which is boiled,
and

and at the bottom of the vessel leaves what we call sugar, and which, to render white, requires more labour to refine it. Besides these two things, tea and sugar, we want bread and butter, and milk to mix with the tea. So that you perceive that this meal, of which you thought little when you sat down, has cost much labour, and that too of a great many persons, who have gone through many dangers and hardships, and have borne both cold and heat in such long voyages, for which ships have been built, to transport them backward and forward: and the building of those ships has been the labour of

many tradesmen; so many, that when we begin to count the number, we may, indeed, be lost with wonder.

Look once more upon this table. Besides the tea, the sugar, the bread, the butter, and the milk, all drawn from so many parts into this small compass, upon this little round table, made out of wood, brought from the country where the sugar-cane grows, stand cups from which we sup the tea, and also brought from the same country where the tea grows. And these cups are supplied with silver spoons, brought out of a country from the
west,

west, but many hundreds of miles distant from where the sugar-cane is planted. And when again we know that this metal is taken from the bowels of the earth, many fathoms below its surface, and where those poor wretches who always labour hard, but never see the light of the sun, nor ever drink a cup of tea, would be very thankful for a-bason of milk; it should make you very grateful, when you can sit down, and partake of this wonderful meal, collected from so many parts by the labour of so many hands; nay, even at the expence of many lives. Nor will you, I
I hope,

hope, think lightly of a milk breakfast, which the poor fellows under ground would be thankful to have, but cannot.



IV.

CLOTHING, SHEEP, SILK-WORM,
FLAX, COTTON.

WHAT pretty creatures are these? what do you call them?

Sheep; and to whom you are obliged more than you may now think.

What do you mean?

Part of your dress was worn by some of these sheep before it became yours.

Nay,

Nay, now I think you joke.

No, indeed. Your under coat, and your upper coat, which keeps you warm in cold weather, is made up from their cast-off coats.

Nay, this is more strange than what you said before, that I am really dressed in the cast-off coats of sheep, whilst my cast-off clothes are given away to the poor folks.

Well, then, to make you more easy, we will say taken off, rather than cast-off coats, and which I will attempt to explain. Do you see how they are all covered with a
soft

soft downy substance? There is one stands so still, and looks at us so kindly, that I think he will let us touch him : let us go very gently. Feel how soft. This cover is softer than the hair which covers our nice little lap-dog. Now, in warm weather, when the sheep can suffer their coat, which is called wool, to be taken off, without danger of their catching cold ; or rather when this warm cover would be a burden for them to carry during the heat of summer ; after washing these coats well in water, men are employed to cut off the wool with sharp shears, and this is called sheep-shearing ; and the day
the

the work is done, though very hard labour, is a kind of holiday. A better dinner than common being dressed; this, with a dance at the close of the feast, with may be a garland of flowers, serve to cheer the labours of the day, so much as to fulfil their task. The wool in this state is called a *fleece*, which is sold to men skilled in making it into cloth; for which purpose, the fleece is again cleansed from many things which adhered to the fibres of the wool; and then it is worked between two planes armed with crooked teeth, made of wire; and after being wrought by them with much labour, which is called card-
ing

ing the wool, it is then drawn out into long threads, which is called spinning. These threads are made into a warp, which is in two sets; and then a shuttle is passed between them, which carries with it the cross threads, and that is the weft; and this art is called weaving; in the progress of which, much art and genius is shewn.

Although in this state it were very useful to man, and fit to make up into any dress, yet so nice are we grown, that this cloth, now woven, is again teased and dressed, and washed over and over again, till more than half worn out by so

D

many

many workings; and all this to make the stuff more pliant to the limbs, lighter to the body, and more pleasant to the eye: and for this last purpose, the cloth is steeped in a liquor, which gives a certain colour, according to the nature of the drugs infused in the liquid, and which are to produce that colour which is wanted; and by practice they have found out to give whatever colour they chuse: but this by mixing drugs which, it may be, come from a great distance, and that too each one from the other, with which it is mixed; yet, by joining them, and by adding a third, sometimes a fourth kind; nay,

may, more than four farts; a certain colour is given which, after all, is only to please the eye: for all this adds nothing to the wear or warmth of the cloth. This last process is called dying: but it is not the last process; for, after dying, the cloth must be dressed once more, to give it a last polish.

What you have said, puts me in mind of those pretty lines in one of my hymns, which I did not know the meaning of before.

How proud we are! how fond to shew
Our clothes, and call them rich and new!
When the poor sheep and silk-worm
wore

That very clothing long before.

Pretty sheep! I thank you for clothes. But—worms!—worms!—filk-worms wear clothing! what is a filk-worm? and how is he clothed?

I will try to explain this. Oh! now I think I can do it better. Mrs. M. keeps filk-worms. We will call upon her, and ask leave to see hers. See, there is a worm, or kind of yellow grub, feasting on the leaves of that food which it likes best, the mulberry.

Ugly thing!

And

And yet, my dear, it makes pretty work. But for this *ugly thing* you had never worn that nice silk fash. Look at this, (shewing a cone.) These ugly things, as you just now called them, are getting their meal upon a few leaves, in order, after some time, to retire to make up this clew or cover, in which they lie dormant, or asleep, for some time; after which they come out, and appear with wings like a moth, and fly about. But what is most to our purpose is, this clew, or cone, or cover, as your hymn states it, has been the work of the silk-worm, and worked out of its own bowels. This clew

may be wound upon a reel by those who know how. It consists of threads as fine, aye, finer, than your hair; nay, almost as fine as a cobweb; and from this filk is obtained, from which your sash was made; and from these little creatures (let us no more call them ugly) is produced all the filk that is made up into ribbons, sashes, gloves, hats, stockings and gowns, that are wore.

And so all the things we wear are either from the sheep or filk-worm then?

Not

Not so. Walk this way. Do you observe a number of pretty plants now in full bloom, and blue flowers? from this grass, or plant, your linen is made. Look here, (breaking the outer stem,) here is the inner rhind. This in time becomes tow or flax, after being parted from that outer skin; before which the whole must lie some time in water, so as to render this cover putrid or rotten, when the flax is washed, but not quite in the same way as I told you before about wool.

There is yet cotton, which is something like the wool of sheep,
but

but which grows upon a small tree in that country where the sugarcane grows, which I told you about before. From this cotton, which grows in little pods—You have seen both husks of beans and peas, which should be called pods. I say this to explain what I mean by the word pod, which covers the cotton; and when these burst, the white woolly part appears, and which, when taken out of this shell, are put together, packed up, and sent over to this and other countries; for but little of this cotton is made into cloth in the country wherein it grows.

THE CHIMNEY SWEEP.

WHAT dirty little fellow is that crossing the yard? is he not very naughty to come from home such a black figure? His face sure has never been washed!

That little boy, black and dirty as he looks, is not naughty; but very good, and you and I are obliged to him.

Obliged to him! for what?

You

You have not forgot that we were driven out of our room lately by smoke.

Forgot, no; it made my eyes smart, and head ache; I was almost choked too with the foot.

Yes, we were driven out of the room by the smoke coming into the room, instead of going up the chimney. But this little fellow has been scrambling up the chimney, through all the black foot, which he has been cleaning away, that the smoke might ascend, and that we might return to our abode,
and

and enjoy a fire as before with comfort.

Did I hear right? That boy been up the chimney, which is all within full of foot! Why, I should think he could not live; he could not draw his breath in such a narrow hole! What, I suppose he had a ladder then?

No, after a little help at first, into the pipe, he scrambles away, by pressing against one side of the chimney wall with his feet and knees, and the other side with his back; and so forces his way up by slow degrees.

Well, I could not have thought this. I wonder that any body will choose so dirty a trade.

We should not despise those who do, since they are such useful persons to others; and by these means obtain for themselves a living.

Aye, but to live in such filth! Oh, what a life! Little boy, I ought not to have said what I did say at first. But, indeed, I thought him naughty, because he was so dirty. I should like to speak to him.

Come hither, Sweep.

How

How came you to choose so dirty
a trade?

My mother told me poor folks
must do something to get a living.

She said well. But was this trade
your own choice, or forced upon
you?

My own choice.

And do you like it ?

I like it well enough.

But it is very black and dirty.

Yet the trade gets white and clean money. It is an honest calling. Mother used to say that was better than begging or stealing. Besides, my day's work is over before other people have well begun; and then, when we are got to the top of a chimney, oh, if you could be there, and see the fine prospects that we sometimes see, and people walking, working, or running, in the streets below us, whilst we can whistle and sing at our ease on the top of a chimney, you would then think our dirty trade pleasant enough. Besides, I have a good master; he uses me well, and gives me good meat, and sends me to a
Sunday

Sunday School. I can read a little, and say my prayers; and I have Sunday clothes; and I go to church, and am made clean, and then I look like other folks; and I shall be a man in time; and then, if I am good, I shall keep little boys to run up chimnies, as master now keeps me and others. But we all love him*, and he gets a deal of

E 2

money;

* Mr. David Porter, a master chimney-sweeper in Welbeck-street, London, answers the above description of a master. See the Report for bettering the Condition of the Poor, p. 151.

Mr. Porter being asked, how he came to be so rich, replied, by having his hands

money; and so shall I some time, if I deserve it; and then mother shall have part.

Why, you are a good little fellow, indeed, and not a naughty boy. Here, take this, and this too; and God blefs you; and when
you

hands never idle, nor a guinea unemployed. By the sweeping of chimnies he gained 500l. per ann. and by selling of foot about as much more. See Appendix, p. 344.

The writer of this has frequently enquired of the boys, how they liked the business of sweeping chimnies. He has frequently received such answers as here stated.

you come this way, if you are hungry, call, and you shall have something to eat.



VI.

THE SMALL POX.

WHAT a strange face that man has who just left us!

Yes, but you should not have stared at him so; it is rude to look at any body full in the face for any length of time.

But did not you direct me to look at people when I spoke to them?

I did, and I still request that you would; because it is not only
proper

proper as a custom, but sometimes you may learn more from a person's looks than you can from his language. But you was not talking with the person, but came up merely to look at his face whilst I was talking, and in a manner that with well-bred people must be called rude; and, besides, in the present case, not pleasant to the person upon whom you so long fixed your eyes, since his face was marked; and no one wishes to have defects noted: therefore, mind that, in future, when ever you observe any one with marks, and which, if your own, you could wish not to be looked at, that you render the
same

same service to them, by passing them over. So true is the golden precept given us in that good *book* called the *Bible*, "That whatever you would others should do to you, do also to them."

Well, I confess I have done wrong; but I hope there is no harm in asking how this man's face looks so very rough, and, as I thought, full of holes, and in some places ridges or seams.

At proper seasons, and in a fit place, it is very right to enquire about what you don't know. This man's face has been marked, or, as
it

it is sometimes termed, pitted, with the small-pox, in a manner we see very few now-a-days: but when I was your age, a face like that we have just now seen was very common indeed.

Were folks more ugly then than they are now?

Ugly is not a proper word. But thanks to our kind parents, and other people, we enjoy many good things which men and women of old never thought of; else you or I might have been marked with such spots on our faces as this man has.

What

What do you mean?

I spoke just now of the small-pox, a disease from which few people are exempt. There is something within us, and which is brought with us into the world, that must have issue; and when this happens, it appears over the whole body, in small pimples, red and sore, full of matter; and along with this a fever, in some cases very high, so as even to cause death: at other times illness; which does not, indeed, destroy life, but which only ceases with life; and many times leaves behind its attack, marks, scars, or wounds

wounds so deep and rugged, as to have taken away the beauty of many a pretty face. Sometimes the loss of an eye, sometimes the loss of both, have been the victims of this loathsome disease. But I am talking of it as it was fifty years ago, not as it now is. Thanks, as I said before, to the arts, and skill and labour of others, we have almost done away this dreadful evil.

How? how? O dear! how thankful ought we to be!

Have you forgot when the doctor pricked your arm?

I think

I think not quite: I have some faint—I know not what. I believe I was afraid.

Well, then, that act was to give you this disease; the lancet which pricked your arm being first dipped in matter, which had the seeds of the small-pox, and by this way mixed with your blood, and then spread through your whole body.

Nay, now, I am puzzled, indeed. Why give me that which we ought so much to dread?

I will explain this as well as I am able. This process, called inoculation,

oculation, we learned in Turkey by an English lady*, who lived there; and who, seeing the good effects of this practice on those people, how few died, and how few were marked with the small-pox, she caused her own son to have it given him in the same way, who came well through it: but although this was known, yet people thought, as you may now think, that, to presume to bring so dreadful an evil on their own children, was too bold; and as if taking upon themselves to direct the hand of the Maker of us all,

F

and

* Lady Mary Wortley Montagu.

and who must know best what is proper for the creatures of whom he is the common parent. After some time, by way of farther trial, two young men, who never had the small-pox, and who had forfeited their lives to be hanged, for crimes they had done, had their lives granted, if they would consent to submit to have the small-pox after this new method; and which they did, and came well through this complaint; after which, some people of high rank caused their children to receive the small-pox this way; and which brought the practice into some credit, and yet but slowly; for if any
died

died under this practice, the clamours raised were great; as bold, and even wicked, at least daring; not at the same time, it may be, thinking that our Father, who is in heaven, has given to us, his children here on earth, the means, by physic, bleeding, &c. to render ourselves well if sick; or to prevent sickness by the use of cloths, and other things to secure our bodies from colds, which would bring on sickness. By slow degrees, the practice became more frequent; fewer died: an account was taken how many, in a certain degree, compared with the number of those who had them in the way of nature;

ture; and it was so much in favour of art, that this, with the less number of marked faces, brought it into very general use*.

But how comes it, in this instance, that art is so much better than nature?

Proofs are the best answer, and facts the strongest reasons: Children are put under this practice when in
a good

* From an account kept in Liverpool for some years by one of the faculty, it appears, that one in five die who take the small-pox in the natural way; whereas only one in a thousand dies by inoculation.

a good habit of body, eat a proper diet, and have their bodies cooled by phyfic. The very treatment whilst under the disease is now quite changed; for instead of being closed up in a warm room, the patient is taken out into the open air; and, common as such faces as led us to this subject were when I was young, they are now so strange a sight as to excite your wonder even to disgust.

VII.

THE YOUNG TRAVELLERS.

RALPH, Roger and Robert Warner were to spend the Christmas recess with their uncle in town, a place they had never seen, and the first time they were ever from home without their father. Many a one, we may believe, may have been as happy as these three little fellows were with the thoughts of their journey, but hardly any could be more happy. The day fixed was almost come at last. Only the next morning the parents were, for the last

last time, giving lessons how to behave on the journey, how to behave before their uncle and aunt, how to lay out their cash, and to keep account. The many good things, by way of advice, which had been said many times before, were said again and again. Money too was brought, and counted, and put into each of their pockets. Of this though they might dispose, they were yet to make a good use, not to squander. A sum was given to Ralph, as eldest brother, to pay the expence of the journey; and they were then sent to bed with the blessings and embraces of both father and mother.

Their

Their pillows during the night had as little rest as themselves. They arose from their beds long before the sun. They washed, they dressed; they looked at their breakfast, but eat little. They went to the door, and sometimes they thought they heard the sound of the chaise on the turnpike road, and then all was silent. At last it was seen to enter at the lawn gate. Yonder it is at last. Come, get ready: but ready they had been long enough.

After being seated, after having talked over and over again the pleasures of their journey, the sight
I of

of their uncle, the shows in the the town, and talked over all that was then in their thought, they pulled out and looked at their treasure, counted over the stock; a sum greater than each had ever before possessed; put it again into their pockets; then pulled it out, and counted it over and over again. I can buy any thing I want, says Ralph; and so can I, says Roger. Robert said nothing. Robert Careful does not say a word, adds Ralph.

A dispute had nearly arose at dinner who was to have the breast of the fowl; a part none of them had

had

had ever yet tasted. They had all been taught never to ask for the breast, as that must be given up to those of highest respect at the table. Young folks were to take what was given them; therefore the drum-sticks, or what was left after others were helped, had been allotted to each. Ralph said the breast was of right his, as the eldest. At last it was cut into three parts by the waiter, and Ralph had the largest share.

We will have a bottle of wine, says Ralph.

A bottle of wine for us three!
exclaims Roger.

A bottle of wine for us three!
strangely looked Robert.

Yes, a bottle of wine for us
three, replies Ralph. When my
father and I went to the fair, he
said we were not to give trouble to
inns without laying out some
money for their good: besides, we
only get one glass a-piece at
home; and I could drink many
more, but must not have them;
and so could you, I have heard
you say.

The

The effects of a whole bottle of wine upon our young toppers were such as one might expect: for, at the end of their journey, what had been said by both father and mother, how to behave to their uncle and aunt, was quite forgot. One had got a head-ach: another not only the head-ach, but sickness. All were drowsy. Their kind aunt thought the best relief would be sleep; and at an early hour they were all sent to bed.

Next morning they were put under the care of a servant, to walk with them through the streets,

and to shew them the town, the fine shops, &c. The grand display of trinkets in a window soon stopped their career. I want a walking-cane, says Ralph.—Walk in, young gentlemen, with a very polite bow, invites a well dressed man.—Ralph had soon his hands amongst the walking sticks.—A new stock, just come down. All very neat. This pretty little cane would just suit you, young master.—After the stick had been paid for, a very pretty red and gilded etwee case, with a pair of shining scissars, a tooth-pick, pen-knife, pencil, &c. cast their rays upon the dazzled eyes of Ralph; and

G

what

what is the price of this? Only so much. Ralph sighed, and laid it down.—My dear young master, it is worth all the money I ask: but rather than you should go without such a trifle, I will abate, and take a whole shilling less than I first asked.

Who could resist such civil treatment? By chance a little box, with a very pretty motto, lay on the counter. Ralph just took it into his hands to read the motto.

Why, now, this pretty toy would be a nice present to any friend that you esteem or respect. Mamma
would

would be pleased with such a token of your notice of her : and the price is a mere nothing. Why, I just now refused —— and that is the reason why it now lies on my counter : but you have paid me so much that I think I shall venture to indulge you myself, master, to give me only —— This sum, as it appeared, was just the amount of the stock of Ralph's *white* money.

And what do you please to want, my young master? with a polite bow, to Roger.

I want a pocket-book to keep my accounts, a pen case, and an ink-pot, and a penknife; and—and a purse, to hold my money.

But, alas! the amount of all these things left the purse no money to hold.

Robert, who had been at the door, and often in the street, whilst these bargains were made in the shop, now appeared at the door again.

Would not you please to want something, my pretty little boy?

No,

No, I thank you, Sir.

We call him Robert Careful, with a fly look, adds Ralph. No, Robert never spends money.

Through the streets Robert was always behind, in danger of being lost. The servant took hold of his little hand, but he someway always slipped it out again, and was soon at a distance; and then he would run towards his brothers and the servant as hard as he could run, and beg their pardons, but was soon behind again. Dinner time approached,

proached, and they returned towards home.

When the uncle came into the dining-room, he found Ralph walking across with great state, handling his new bought cane. I will try to kill that fly with my stick, says Ralph. He lifts it up in great hurry, and smash goes a picture-glass, which hung just behind his back. What have you done now? jumps up, and asks the uncle.

O dear! O dear! Indeed, I did not see the glass.

How

How came you by that cane?

I bought it, Sir, with my own money.

Bought a cane! and pray have you bought any other silly thing?

Yes, Sir—No, Sir—Yes, Sir, this pretty case; but then I bought it so cheap—Oh, quite cheap! And this pretty little box, which I intend for Mamma. Nay, if you will not be angry, I will give it to you. And the box, too, was very cheap!

And

And with all your cheap bargains, pray how much cash have you left in your pocket?

None, Sir. (After a long pause.)

Well, Sir, you will find empty pockets a poor resource, in this large town, to supply your future wants. All your whole stock laid out in trash, in baubles! none of which you want; nay, even know not their use. As a proof of which, look at the fragments of glass, (which a servant was then taking up.)

Ralph

Ralph looked, he saw; he felt a blush on his face; he hung down his head, and said not a word.

Roger had been scribbling in his new pocket-book, till roused by the crash of broken glass; and after, by hearing the lecture given to his brother; and by looking at the knit brows of his uncle, and viewing the fallen crest of his brother.

Have you been making cheap bargains too? (speaking to Roger.) Pray what have you bought?

Roger,

Roger, under a little fear, with, as he thought, a good cause, began as follows:

Sir, my father told me to keep account of all I laid out: so I bought a pocket-book, a pen-knife, a pen-case, and ink-pot, and a purse to hold my money.

Let me look at all these things.

Roger displayed his bargains upon the table.

Here is a purse, indeed! but where is the money?

Gone!

Gone!

I thought the purse was to have held the money; but a purse, it seems, is no hold-fast. This piece of tawdry toy may at least serve to remind you of your folly.

And pray, Sir, (turning to Robert, who held a book in his hand, but, instead of reading, had been hearing what passed,) and pray what have you bought!

Nothing, Sir.

No, Sir. Robert never buys cakes, or ought else, (says Ralph.)

We

We call him Robert Careful, and yet he is always without a penny in his pocket.

Silence, Sir! Then, Robert, your money remains safe.

A deep sigh from the breast of Robert.

Why that sigh, Robert?

Indeed, Sir, I am a very naughty boy: and if you are angry with my brothers, what must be your thoughts of me, when you know all! My money, like theirs, is all

all gone; but I have nothing to shew you in exchange.

But you can tell me truth.
How has it been spent?

Indeed, if I must tell you any thing, it must be either the truth or nothing; for, as I never yet did, I do not know how to tell a lie.

Come hither, my little fellow:
I think then you cannot be very naughty.

Robert hung down his head,
H but

but was again cheered by the uncle.

Why then, (says Robert,) whilst my brothers were in the shop, and I standing at the door, looking at all that passed, there comes up a poor starved, ragged little boy, who told me he had neither father nor mother; that he had not been in bed, had eat no breakfast, and did not know where to get his dinner, nor how to find wherein to put his head the next cold night; and he was too without a hat to his head, or shoes to his feet; and no shirt (for I looked) to his back.

Oh,

Oh, my good uncle, don't be angry, but I did give it to him with so much good will. I wished he had had part of my breakfast, or could now have part of my dinner.

What, did you give him all that you had in your pocket?

No, and I am glad that I did not; for I saw a poor girl as wretched as the little boy; and one man that had lost an arm, and one that had lost a leg; and a third blind of both eyes, led through the streets by a little dog. So I gave,

and gave, till at last I had no more to give.

Ring the bell, says the uncle. (*Enter Thomas.*) Thomas, says the uncle, did not I send you to take care of these boys? How comes it I hear so poor an account of this morning's walk?

Indeed, and indeed, Sir, (answered Thomas,) Master Warner is a little headstrong, there he stands; he told me, that the money was his, not mine; and that he would lay it out as he liked. Master Roger said he had orders to buy a pocket-book, and such like.

And

And as to that pretty Robert, he always slipped out of sight.

(Enter dinner.)

Come, hither, Robert; and the uncle gave him a kiss. I am not very angry with you: but we must have some talk with you, Roger; and you, Ralph.



VIII.

WINGS AND HANDS.

I WISH I could fly like those swallows.

That is a vain wish, indeed, since you never can.

But it must be very pleasant. See how they sport through yonder holes, then skim along over the lake. I suppose they are at play.

Not so much at play, although it may be pleasant. They are up-
on

on the wing chiefly in search after food; whilst you partake of your meals from the table, where you can sit at your ease. The swallows must either take it on the wing, after searching for it through the air, or over the pools, or they must go without meat.

And what can they find in the air, or over the pools?

A great number of flies, and other things, which are one moment sporting themselves in the sun, and the next moment are in the stomach of the swallow. See how

how quick they turn. Something presents itself to their keen eyes, which are always on the look out. In an instant they turn about, seize the morsel, and look out again. If swallows could not fly, they must be starved, since they are very bad walkers; and their food is in the air, or over the water, which yours is not. But if you cannot fly, you can walk; you can run; you can jump; you can swim, (but that, indeed, you have been taught;) you can ride; and, above all, you can talk.

By

By their chatter, one would sometimes think that some sorts of birds did talk.

No doubt they have a language known amongst themselves, but to what extent is unknown to us; but some of their sounds or tones are so well known to us, by hearing them often, that we know as well what is meant by them as their own fellow-creatures. They have tones of fear, of joy, of anger, and of pleasure, as clear and distinct as the tones of the human voice; as you just now took notice of their chatter. Among geese,

geese, for instance, when they meet, after being parted, fancy might suppose that a plain discourse was going forward; they chatter in so many and varied tones, from the organs of each; and that too with motions of the head, looking towards, and pointing and nodding to each other; as if some news of import was given by one, and noted by the other. But this, after all, is but fancy, and like one of Mother Goose's Tales; for we have a proverb, "as silly as a goose."

But I wonder we have not wings.

Since

Since wings were not given, he who formed man, and all other living creatures, knew what was best for each. But if man has not wings, he has hands.

Hands! well, and what of these?

From your manner, it should seem, that you do not know their real value; for without hands, we, of all others, should have been the most wretched of beings; and if we could have lived at all, our reason, and those other talents with which man is gifted, would have
all

all tended to have still made him more wretched.

The body of man has neither wool nor feathers to screen it from the cold air. Our bodies must either obtain this cover by art, from the labour of our own hands, or we must go naked, and might perish with cold. We could have no house to dwell in, no fire to warm us, no bed whereon to rest our weary limbs, without the use of hands; without which, man would have been more wretched than the beasts of the field, the fowls of the air, or the fishes of
the

the sea. These all come into the world with *such cloathing* as their natures require. The earth, without culture, yields them a great plenty of such food as supports life; and well it is so: for look at the round, stubborn hoof of the strong horse, and you will perceive it could not manage the plough; nor the cloven hoof of the useful cow, or sheep, ever handle the spade or the wheel; nor the open paws of the docile dog sow the grain; nor the more open claws of the sportive bird thread a needle. No, if their support was to depend upon any of these things, they would all of them perish with want.

want. But man, whom the great Creator of heaven and earth has gifted with hands and fingers, the simplest, the best, and the most useful machines that can be conceived, or that ever were formed, renders all nature, all the creatures of the earth, useful to him; and whilst he is doing this, he also renders them more happy to themselves.

What a fine lecture on hands have you just now given me! You have quite cured me of my wish for wings.

All the talents of man could be of no avail, but to render him
more

more wretched, as I before said, without the use of hands. Nay, by figure of speech, both men and women are called so many *HANDS*. Such a one employs so many *hands*; such a ship carries so many *hands*. Never so many *heads*; of which some, rather empty, are too apt to boast. But we say, such a number of head of cattle, indeed; but then cattle have no hands.



IX.

THE NEEDLE.

WHAT bright thing is that
on the floor?

Only a needle.

Will not you stoop for it?

No ; I have got plenty.

Plenty has sometimes proved a
fore evil ; and by not minding tri-
fles, some folks have lost their all,
because they had plenty. Suppose
you

you wanted a needle, in a country where such a thing was not to be had? how thankful would you feel to see such a thing lie before you, and which you would have for the small trouble of taking up from the floor!

Well, but I don't want any needles. Besides, they are cheap enough.

And that is a great wonder, you would think, if you knew how many hands are employed to make one single needle.

Sure, there are many things harder to make than a needle; therefore why require so many hands to make so small a thing?

There are good reasons: but, in the first place, let me tell you that forty pair of hands, at least, have worked upon that trifling needle.

Forty pair of hands! did you say? Why you, indeed, now, make me wonder. Will you have the goodness, after I have been so naughty, to explain something of this?

Well,

Well, then, needles are often made of German steel; steel is made from iron; iron is brought from under ground, and then looks like dirty red earth, when it is melted in hot fires, and after changed into steel, which is a more pure state of iron. The steel is made to pass through a coal fire, and then under the hammer, and whilst soft with the fire, the bar is changed from a square form to a round one. This done, the rod is drawn through a hole, made in a plate of iron, and drawn into wire. That is, in passing through a hole less in size than
the

the bar, the steel becomes smaller, but then longer. It is then put again into the fire, and drawn through a smaller hole, and that again and again, from hole to hole, each smaller than the last, till it becomes of that degree of fineness wanted for certain kinds of needles. In this process the steel requires grease to render the passage through the hole more easy.

The steel thus reduced to wire, is cut into lengths of such size as the needles wanted. Each of these pieces are then flattened at one end on an anvil.

Anvil!

Anvil! what is that?

A piece of iron, solid, of a certain shape; upon which iron and steel is worked with an hammer.

This flat end is to form the head and eye of the needle; and the eye requires to be punched through four times: but before this, they are put into the fire to soften, and then laid on a leaden block, to punch out the eye, and bring out the little piece of steel left in the eye. The corners are then filed off the square of the heads,

heads, and a little hollow space filed on each side of the flat of the head. (Look here.)

This done, the point is formed, and the whole worked over with a file. They are then laid to heat red hot, and laid on a long narrow iron, crooked at one end, in a charcoal fire; and when taken out thence, are thrown into a basin of cold water, to harden. On this process depends a great deal. Too much heat burns them, and too little leaves them soft. Practice is the only guide. When they have thus had given a pro-
per

per temper or hardness, they are laid in an iron shovel, on a fire, more or less brisk, with regard to the thickness of the needles. This is to prevent their being too brittle; but this requires great care what degree of heat to give. They then are all put under the hammer to make straight, one by one; the coldness of the water having twisted the most of the needles.

Next, to polish them, from twelve to fifteen thousand needles are ranged in little heaps, against each other, in a piece of new buckram.

What

What is buckram?

Buckram is linen cloth washed over with melted glue. Glue is made from the refuse part of skins of cows, calves, &c. On the needles is sprinkled emery dust. This last is a rich iron ore. The needles thus placed, the dust is thrown over them, which is again sprinkled with oil of olives. At last the whole is made up into a roll, well bound at both ends. This roll is then laid on a table to polish, and over the roll a thick plank loaded with stones, which two men work backwards and forwards

forwards a day or two. By this process, the roll thus moved, and the weight of the plank over it, the needles being rubbed against each other, with what was put amongst them, they by degrees obtain a polish; after which the needles are taken out of the rolls, and washed through hot water and soap. They are then put into a box of bran, a little moist, which is stirred about till the bran is dry, and this is done more than through one box of bran, and which is to make the needles quite clean; after which, they are taken out by a riddle, put into vessels and picked, the good from the bad.

Then a number being taken into the hands, the points being all the same way, they are smoothed off by a wheel turning round; which is the last thing, only making up into packets of two hundred and fifty in each.

There are twenty-five sizes; and they are sold as low as from two shillings and six-pence to ten shillings a thousand. Useful and common as they now are, needles have only been made a little more than two hundred years. Our sempstres work, before that time, we may believe, was very coarse.

When used to any thing, we never know its value, till we feel its loss. A strong instance of which I am going to relate to you, as told me by a lady, who was in the western world during the contest between this country and that. The town where she lived could only produce one needle, and that was in constant use every hour in the day, and every day in the week. What a charge was given with this little useful fellow as it went from hand to hand!

I thank you; and from this time I think I can hardly pass
K 2 by

by a needle, or even a pin, although I may have plenty of each. I suppose pins are made almost the same way as needles.

Almost; not quite: of this I will just observe, that, by a number of people being employed in this little useful thing, as well as upon needles, a much greater number of each may be made than if one person was to go through the whole process; for if the same person was to make either pin or needle from end to end, without stopping, it might be hard work to make twenty pins in one day.

By

By the division of labour, as it is termed, *one* man makes near *five thousand each day**. But boys and girls

K 3

girls

* *Adam Smith's* opinion, and in the following words:

“ I have seen a small manufactory of this kind, where ten men only were employed, and where some of them consequently performed two or three distinct operations. But though they were poor, and therefore but indifferently accommodated with the necessary machinery, they could, when they exerted themselves, make among them about twelve pounds of pins in a day. There are in a pound upwards of four thousand pins of a middling size. Those ten persons, therefore, could

girls can work at this trade. The ancestors of the present Lord Milton erected the first factory of needles, at Long Crendon, in Bucks, which is carried on to this day.

X. THE

could make among them upwards of forty-eight thousand pins a day. Each person, therefore, making a tenth part of forty-eight thousand pins, might be considered as making four thousand eight hundred pins in a day. But if they had all wrought separately and independently, and without any of them being educated to this particular business, they certainly could not each of them have made twenty, perhaps not one pin a day!" *Smith's Wealth of Nations, Book I. p. 8. Sixth Edition, 8vo.*

X.

THE HAPPY COBLER.

MASTER Testy had been out of humour all the morning. Nothing could please him: he found fault with every thing. He would not eat his breakfast, because he said it was not good: he would not repeat his lesson, because he did not like it. He was looking for his whip, to whip his top, when Mr. Freeman asked him if he would please to take a walk; and through that, try to throw off his bad humours.

I think

I think I shall *not* please to walk.

Why not?

I will stay, and whip my top here.

I say then that you SHALL walk. This simple word *shall*, spoken in a certain manner, with eye, aspect, and accent all in tune, had never yet been disputed.

Master Testy took up his hat, and walked after his tutor.

After

After some time, Mr. Freeman went down some steps into a cobbler's shop, taking hold of Master Testy's hand. I want a stitch put into my shoe, and will wait whilst you do it. The old woman handed the three-foot stool to young Master, whilst the two-armed old oak chair was given to Mr. Freeman.

The whole was a new scene to Master Testy; he almost thought he had got into a new world. This cellar was kitchen, parlour, bedroom and work-shop!

In one corner stood a bed; no curtains; with a rug cover, such a thing as he had never seen. A table and an old chest, some tea-cups, a kettle and pot, a frying-pan, a fire-shovel, a cobbler's seat, and a heap of dirty old shoes, were the chief contents of this abode. The old woman was smoking her pipe; the old man was mending shoes.

Early or late, says Mr. Freeman, I always find you at work, Mr. Jobson; and often, too, either whistling or singing: You are always cheerful.

And

And why should I not? There is not a man in the world more happy than I. I have good health, and plenty of work; for I would rather work than play: and I have old Mary there, who is very good, though I should not praise her before her face; and we have been man and wife, as the saying is, forty years come Crispin next. Old Mary cooks my meat, and makes my bed, and washes my shirt, and lights my pipe, and fetches me drink; and when I am tired with work, I take a walk; and every body knows old Jobson, nor are they above speaking
to

to him; and after a walk I am quite refreshed, and can sit and work; and, to say truth, I work for the parson and the doctor, and for the squire too. On Sunday both Mary and I go to church, (we have Sunday clothes in that old chest,) and send our dinner to the bake-house. And our good parson always nods as he passes old Jobson. Is not that kind?

Have you any children?

We have had fifteen; but they are all dead (God rest their souls!) except two.

And

And where are those two?

Two of the finest and best lads in the world: are they not, Mary?

Mary nodded assent.

Aye, and the bravest fellows too. They will never desert their posts: will they, Mary?

What, are they in the army?

One in the army; the other in the navy: both fighting for their king and country.

Would not you rather have them at home?

To be sure I would: but where can they be better than fighting against those who, if not kept off by our brave fellows, would come, and plunder and destroy all that

we have. I have seen the day, it is true: but both Mary and I are now old: we could neither fight nor run: but our two brave lads will fight in our stead; and, whilst they can, will defend us both. Many a hard day's work, and long march, have I had; but I always thought more of poor Mary than of myself. A child-bearing woman has many hardships to go through, who will follow her husband in the army, when marching through an enemy's country.

Were you ever wounded?

Look here! (pulling up his woollen cap.) I lost this eye by the blast of a cannon ball: but
I can

I can see very well with the other. Look here! A bullet went through this arm, and took away part of this finger: but it does not hinder me from working. The wound gives me a twinge sometimes against change of weather, but that is soon over: I never mind it. I was present when the gallant Wolfe fell, and helped to carry him off.

Have you a pension?

Sure I have; and with that I can afford to take a mug of ale every day; and sometimes do more than that, but not often; but always on St. Crispin; for that was the day on which Mary and I became man and wife; and, old as

she looks now, a tight looking lass was Mary then. On St. Crispin too! Why, besides being the patron of fellow-crafts, it was on that day our King Henry made that fine speech to his soldiers in France, and which you must have seen in the play-book: and so what with thinking of King Harry's fine speech, and drinking our Royal George and Master's good health, the Squire's, the Doctor's, the Parson's, and old Mary's, I always drink on St. Crispin till I can drink no longer.

Come, here is sixpence for you to drink your Royal Master's health on any day you like.

Why,

Why, Sir, my work is hardly worth a penny. This is too much.

Your story, and your grateful heart, is worthy a better reward, and may afford a good lesson to a young master who is sometimes too apt to complain, find fault, and even grow angry with some things that cannot be mended. But since you are so merry and so happy, and Master does not love his book, suppose he stays here, and learns how to be happy, and all may yet be well.

What say you, my little friend?

Master Testy, who had turned himself round and round upon his three footed stool, and looked

over and over again at the poor bed, and at every thing before him, and had heard the story of the poor cobbler, with wonder how he could be so happy, cried out, "No, no: don't leave me here. I will go home with you; be a good boy, and say my lesson."

And do what you are ordered? Did not you promise all this before?

I did; but I never was in such a place as this. Do pray, Sir, good Mr. Freeman!

So they walked back; and Master run to fetch his book, said a very good lesson, eat his dinner, and found no fault.

XI.

THE CONTRAST.

MASTER Testy and his tutor had been taking their morning's walk, in which Mr. Freeman had pointed out to his young pupil the divers grasses of the field, the leaves of the trees, and a number of other things which they had met with in their journey, when they heard the cries of some person in distress. As they came nearer, a man was whipping a boy, who cried out, Sir! Oh dear! Oh dear! What do you beat me for, Sir?

For

For being so happy and merry, you young rascal, whilst your betters are so sad. Did not you disturb me with your loud song, whilst I could have better cried for grief of heart?

The boy was going to make excuse, when Mr. Freeman stepped between, and took hold of the person's arm, whom he then thought must be out of his senses, from his harsh treatment of the boy, and his poor excuse of himself. By this time his choler had calmed; and Mr. Heartless (for that was the person's name) begged Mr. Freeman's pardon for his own conduct.

But

But the boy (says Mr. Freeman) has the most right to complain, and some excuse is surely due to him, if he did not merit your blows, which, from his manner, it should seem, he did not.

Indeed he did not, said Mr. Heartless: but I am the most wretched man alive; so much so, that at some seasons I am but too apt to quarrel with every one I see, or any thing that occurs. Come hither, poor lad; and if thou darest put thyself under my care, follow me to my house, and I will make thee some amends for thy blows. Come, kind Sir, and your little master there, under your care.

I am

I am sure he can trust himself.
We will all walk to the house.

Mr. Freeman could as little account for the calm and humane tone with which Mr. Heartless now spoke, as at the cruel manner of treating the boy, and which had been the means of their present meeting and discourse. In their walk towards the house, Mr. Heartless, of his own accord, thus began.

You must think strangely of me, to be sure, for beating this poor boy for being merry. Strange as it may seem, and yet it is but too true, I am sometimes the most wretched of mortals; and yet I
was

was once a happy man; but then I was poor, and now I am rich.

Strange beings surely are we poor mortals, when once we degrade our reason! Being a younger son, I gained a living by the labour of my own hands, which I did with honour to myself, and with esteem among my friends. My meals were then frugal, but I sat down to enjoy them with pleasure, and arose from them grateful. The labours of the day gave health to my body. My slumbers at night were sweet, and gave fresh vigour to my limbs.

My elder brother, by success in trade, was grown rich. He died,

and left me all he died worth: and soon after an uncle of my wife, who would never own her whilst living, left the whole of his wealth to her after his death. On a sudden we became rich in the good things of the world, but without the blessing of children. We changed our style of life to such as was said became our large income. We bought a large estate, with a good house, fine gardens, and other good things. We hired a great number of servants, gave orders for a coach, laid in a large stock of wines, had the visits and fine speeches of our neighbours, and paid them

back again. But what with visits, and dinners, and suppers, and balls, and plays, from one silly thing to another silly thing, my peace of mind is gone, and my health is going. I retire to my rest sickly, and rise in the morning in sorrow. In the morning I wish it was night, and at night I wish for the return of morn. My books have lost their charms. My wife, too, (but this is much the best loss of all,) has lost —— I will not say what. I quarrel with my servants, I quarrel with myself. In one of my phrenzies, I fell in with this poor lad, and not only quarrelled with him, but

M

beat

beat him, because he could sing and be merry, whilst I felt only sickness and sorrow of heart. But it may prove a good meeting for the poor boy after all. What is thy name?

Will Barehead, folk call me. I had never a hat of my own in my life.

Where is thy father and mother?

I never had father or mother.

Where dost thou live?

Any where. But Bob Ostler lets me sleep in the stable under the manger; and he sometimes gives me a crust of bread; for which I run errands, and sometimes water the horses.

Wilt

Wilt thou live with me?

Yes, if you will not beat me.

No, I will not beat thee, if thou can'st be a good boy; and I will buy thee new cloaths, and send thee to school; and if thou be a good lad, and wilt learn thy book, thou mayest some time become a great man. And this morning's work may prove, if thy conduct in future deserve, the most happy day of thy life.

After taking leave of Mr. Heartless, Mr. Freeman and his young pupil had a deal of talk on their way home. The tutor said, that peace of mind did not always dwell under gilded roofs, whilst

they had lately found it in an humble cellar. Master Testy sometimes thought upon the wretched Mr. Heartless, sometimes upon the poor lad, who had now a chance to sleep upon a bed, and who before lay under the manger, and then upon himself, how happy he might be, and how thankful he ought to be; whilst Jobson and old Mary could enjoy themselves and be happy within so poor a cellar.



XII.

THE HONEY-BEE.

WHAT a strange kind of fly that is in the window! I will try to catch it.

Forbear: It may sting you!

Sting me! What is that?

Those kind of flies are called bees; and though they do not often frequent the inside of houses, a straggler by chance sometimes enters. They are armed with what is called a sting in their hinder parts, with which, like a dart, they can pierce through the skin, and inject a liquor, which causes swelling and much pain.

Nafty things! Why are they not all killed, to prevent fo much mischief?

Because they are very good, very useful, and work hard.

Such little creatures work hard, and be useful! You mean to joke me!

No; what I fay is true, and which yourself must confefs, when I tell you that the sweet stuff I gave you out of a fpoon, when your throat was fore, was the product of the labour of these little creatures.

How! a fly make phyfic, and the best phyfic too that I ever took! Do, pray tell me more about bees, I think you called them. I could wish to know all.

Your

Your curiosity is praise-worthy ; but to tell you all about this wondrous creature, would be a long story indeed. But we will take a walk into Mr. Goodman's garden, where we may view them at work, and where I will explain some things.

Those round shaped figures, made out of straw, and standing upon benches, are called hives, and are the dwellings of bees. But first let me advise you, before we approach too near, how to behave so as best to avoid being stung. Keep yourself quiet ; and if ever so many should fly even about your face, do not offer to stroke them, or drive them. If you should feel distressed, retire amongst the bushes, and they will
leave

leave you. Should you ever be stung, and you can have patience, let the bee withdraw its weapon itself at its own leisure, in which case the wound will be much less painful; after which open the wound, squeeze out the poison as much as you can, which is an acid, and therefore any alkali, as chalk, &c. will correct its effects.

Is it not a pity that such good creatures should be so ill tempered, or should have the power to do so much hurt?

Bees, as I said before, labour hard, and by that means acquire treasures, which they lay up in store-houses. But other creatures, of which there are many, are very fond of these treasures, which we

call

call honey, but which they will not take the pains to collect, but would plunder the poor bees, if they had no other force than their own little bodies, which could but feebly resist the attacks of a mouse, which is fond of honey, and which is more than a hundred times the bulk of a little bee: but kind nature, whose wisdom is over all her works, has made the less an equal match for the greater by means of this severe weapon.

Here is a good station, where we can stand, and view their motions, without being in the way of danger. Some you see going out of the hive, others coming in; but observe, that the former carry nothing out, whilst
the

the latter return heavy loaded. Look at their thighs.

Oh, dear! yes, both thighs! a heap the size of a small pea on each, but not all the same colour.

No, tis the dust called farina of flowers. I will shew you, as we return, where this dust lies, and which is not all of the same colour. This they collect by rolling themselves within the cup of the flower, by which the hair of their bodies is covered with dust, which the bee brushes off with its two hind legs, then kneads into two little balls, and then fastens into two cavities which are in each hind leg, which are edged with hair, and serve as two little baskets; in which, after having fastened this little pellet, it
flits

flits again from flower to flower, and repeats the same process, till both thighs are so loaded that it can carry no more, when it returns home.

And this is honey?

No, it will be wax in time.

Wax! what is that?

I shall at present only explain wax to serve our present subject. Wax then is the case or cell wherein the honey is laid up till wanted. There is a piece lying upon one of the benches. This is called the honey-comb; very thin, and very neatly worked; each hole, or cell, of the same size and shape, of six sides; and this is made from the substance with which you see the little creatures so loaded.

How

How is this! That which they bring is yellow, but this is quite white!

That which is now brought is not yet wax; its nature and colour is changed by passing through the body of the bee. As soon as ever the bee arrives within the mouth of the hive, she is met by many others, who ease her of her load, by taking each a part into their stomachs, and which, after a certain space of time, is changed into the white wax, such as you see is here formed in so curious a manner into a comb; and in the forming of which is shewn wonderful skill, without tools of any kind, or even hands, only their own talons; yet they are made of the best form, both in size and shape, that is possible,

possible, for strength and storage room. They are thin; but this form renders them more firm than any other form. The entrance of the cells most exposed to danger, is made more firm by a fillet of wax all round, by which means the mouth is thrice or four times thicker than the sides.

In the making of these cells, the labour is divided so as each shall know its own proper task. There are porters, masons, polishers, &c. One party is seeking out materials in the fields; others unload, swallow, or deposit in the store-rooms what is brought into the common stock: others fetch from the store-house the wax which is now ready for use: others are busy in laying out the cells; others in smoothing the inside

of the corners and angles of the cells; even the rough parts, that are cut out of the stem, are with care taken away by porters, and laid up, that nothing may be lost.

Besides this wise division of labour, they again change the labour in the hive for a flight into the fields; and those who have been sporting on the flowers of the fields, return to the labour of the hives; and then by changing their works, find relief to their bodies, and thus regain fresh vigour; and their diligence is such, that a swarm of bees will make three thousand cells in the space of one day. A swarm of bees (that is, the contents of one hive) may be from ten to fifteen thousand bees. The bees seem to know quickly what is
meant

meant by each others signs, and that makes the work more regular. Indeed, they converse: at least, the bee-master knows, from certain sounds or hums, what is meant: but these tones do not proceed from organs of speech, but from the motions of the wings, and which execute various tones from varied vibrations. Indeed, I should have told you, that this order is kept in due bounds by a ruler, or chief, called the queen; and without one of these, bees cannot exist as a body. The instant this chief dies, all the state is in tumult; labour ceases; quarrels begin; battle ensues: they emigrate, and seek out another state, wherein is found a ruler, but in which many lives are often lost, before the stran-

gers can obtain entrance. Again, two rulers cannot exist in the same state. A young princess is brought up in the spring; but as soon as she is of proper age, she must turn out, and take some attendants. These often unite in a knot upon some bush that is near, and from whence they are shaken by the bee-master into a new hive. This is termed a swarm, but is the foundation of a new state, who, after having cleared their new dwelling (if they are pleased with the new abode) from such nuisances as they dislike, set to work the very first day to form new combs, and begin a new colony. There are three kinds of bees; the queen, the workers, and the drones. The two first females, the last males; which, although

though they do not gather honey or wax, are yet useful; but as soon as their use is over, are killed to a bee, even their very young.

But you have said nothing about the honey.

Honey is a juice which exudes from plants, or chiefly from the flowers of plants. The bees know how to search for these stores, which they collect, and convey into their stomachs: not into the same where the wax is matured, for bees have two. When the bees have gathered about the size of a pea into their stomachs, they return home, and put it into their cells, which, when filled, are nicely sealed up till wanted. Honey does not appear to suffer any change, like wax, from the stomach of the bees.

Useful

Useful as honey and wax are to men, yet man, with all his art, could not collect them; nor, as far as we know, is it in the power of any other creature to perform so curious a task. And what may again excite our wonder, these two things, wax and honey, so useful for many purposes, when collected, would not be of any service, either to the plants or any creature, so far as we know, if left upon the plants: so that the labours of the bee are clear gain; and honey and wax, made from raw materials of no value, by their labour, become articles of great value.

But why collect these things with so much labour, and lay them up in store? Would it not be more pleasant for the bee to search for them

in the fields when hungry? It seems very pleasant to sport from flower to flower!

But flowers are not found through the whole year, much less the food of bees, or wax, which last is chiefly the produce of spring; the honey at a later season; both seasons of short space: therefore these stores, laid up with so much care and art, are to be their food through the winter, when none is to be found in the fields.

But if this honey was laid up in store for the support of the bee during winter, how come we by it? The bees must perish for want. Is not this cruel?

Indeed so it appears at first sight, and that in the extreme. But how many creatures are useful to man
whilst

whilst living, and yet their lives are not spared on that account, but are even slain for his further use !

Stings, that were given for the protection of these little creatures, in some cases may prove their destruction. When a person wishes to obtain the honey from a stock of bees, he finds it adds to his safety to destroy the stock, by means of fire and sulphur, before he begins the attack. This death is speedy, and that affords some comfort. Means have been thought of to save the lives of bees, by leaving some of the stock for their winter support. But this practice has sometimes proved more cruel than instant death; as enough has not been left, and they have died through famine.

XIII.

LORD NELSON.

MR. and Mrs. Goodman, seated by the fire, along with their son, young Henry, intended for the law; but who wished, contrary to the inclinations of his parents, to become a soldier. Mr. Goodman always contrived some useful amusement, as well as instruction, by introducing a story, an anecdote, or some piece of history; upon all which he would make comments himself; and encouraged his son to offer his remarks, to which he always listened with attention; and when he had finished, would, in an affectionate and pleasing manner, point out his mistakes, or wrong conceptions, if any; whilst
o he

he never withheld due praise to any thoughts, however puerile, if just. By these means, his judgment became corrected, his mind enlarged and improved, his language more chaste, and his choice of words copious.

Lord Nelson has so greatly distinguished himself, and is become the subject of so much general conversation, and so deservedly, that, on these occasions, every one becomes interested, and looks up to so great a man with a degree of partiality, as if his particular friend. But these great achievements are not the trials of a single day. How many severe ones are to be past before a man arrives to this point of honour, let his memorial to his king bear evidence, in the following.

It is the custom to draw out a memorial of past services, previous to the reward of receiving fresh honours, which I will read :

“ To the King’s most Excellent Majesty, the Memorial of Sir Horatio Nelson, K. B. and a Rear Admiral in your Majesty’s Service.

“ That, during the present War, your Memorialist has been in four Actions with the Fleets of the Enemy ; namely, on the 13th and 14th of March, 1795 ; and on the 13th of July, 1795 ; and on the 14th of February, 1797 : in three Actions with Frigates : in six Engagements against Batteries : in ten Actions in Boats employed in cutting out of Harbours, in destroying Vessels, and in taking three Towns.

Your Memorialist has also served on Shore with the Army four Months, and commanded the Batteries at the Sieges of Bastia and Calvi. That during the War, he has assisted at the Capture of seven Sail of the Line, six Frigates, four Corvettes, and eleven Privateers of different Sizes; and taken and destroyed near fifty Sail of Merchant Vessels: And your Memorialist has actually been engaged against the Enemy upwards of ONE HUNDRED AND TWENTY TIMES: In which Service your Memorialist has lost his right Arm and Eye, and been severely wounded and bruised in his Body. All which Services and Wounds your Memorialist most humbly submits to your Majesty's most

most gracious Consideration.”

October, 1797.

Signed, H. NELSON.

During the recital of this memorial, tears were trickling down the cheeks of Mrs. Goodman, and which, after perceiving, Mr. Goodman tenderly asked the cause.

Mrs. Goodman. Knowing our dear child's strong desire to become a warrior, how could I suppress my emotions at the recital of such dangers?—Oh! Henry, what do you think would be your mother's feelings, on receiving you mutilated, full of scars, and deprived of an arm and an eye?

Henry. [*Jumping up, and embracing his mother.*] But I should have one yet left, and which should cling round the neck of my dear
o 3 mother,

mother, (thus,) replies the youth. Nor would either of my parents think their son disfigured, should he ever present himself before their eyes so mutilated, if the limb were lost in the service of his king and country.

Mrs. Goodman. Your youthful ardour carries you beyond the bounds of reason. You may have been caught with the glitter of dress, the novelty of title, freedom from paternal restraint, and a number of pleasant fancies, which float on the imagination of inexperience, but are never realized in practice. You will be under much greater restraint from your superior officers, than ever you felt from either your masters, teachers, or parents.

parents. And novelty of dress will soon cease to charm.

Henry. Your maternal affection, kind attentions, admonitions, and discretions, I have often experienced, and hold in grateful remembrance. [*Respectfully bowing.*]

Mrs. Goodman. You might lose a leg, my dear Henry.

Henry. I have two legs mother.

Mrs. Goodman. I shudder to think what I dare hardly utter. You might lose your precious life.

Henry. One life is but allotted in this world to man; the chief regret I should feel for the loss of which, is the grief it might occasion to two such kind parents.

The father and mother looked at each other; the big tear glistened; their breasts swelled; sighs issued; and

and silence ensued. After a long pause, "I will read Lord Nelson's Letter on his glorious Victory," says Mr. Goodman.

Vanguard, Mouth of the Nile, Aug. 3.

"My Lord,

"Almighty God has blessed his Majesty's Arms, in the late Battle, by a great Victory over the Fleet of the Enemy, whom I attacked at Sun-set, on the First of August off the Mouth of the Nile. The Enemy were moored in a strong Line of Battle for defending the Entrance of the Bay (of Shoals) flanked by numerous Gun-boats, four Frigates, and a Battery of Guns and Mortars, on an Island in their Van: but nothing could withstand the Squadron your Lordship did me the Honour to place under
under

under my Command. Their high State of Discipline is well known to you, and with the Judgment of the Captains, together with their Valour, and that of the Officers and Men of every Description, it was absolutely irresistible. Could any Thing from my Pen add to the Characters of the Captains, I would write it with Pleasure; but that is impossible. I have to regret the Loss of Captain Westcott, of the Majestic, who was killed early in the Action; but the Ship was continued to be so well fought by her first Lieutenant, Mr. Cuthbert, that I have given him an order to command her till your Lordship's Pleasure is known. The Ships of the Enemy, all but their two rear Ships, are nearly dismasted; and those

those Two, with Two of their Frigates, I am sorry to say, made their escape; nor was it, I assure you, in my Power to prevent them. Captain Hood most handsomely endeavoured to do it; but I had no Ship in a Condition to support the Zealous, and I was obliged to call her in. The Support and Assistance I have received from Captain Berry cannot be sufficiently expressed. I was wounded in the Head, and obliged to be carried off the Deck; but the Service suffered no Loss by that Event. Captain Berry was fully equal to the important Service then going on; and to him I must beg Leave to refer you for every Information relative to this Victory. He will present you with the Flag of the Second in Command,

Command, that of the Commander in Chief being burnt in the L'-Orient. Herewith I transmit you Lists of the killed and wounded, and the Lines of Battle of ourselves and the French.

“ H. NELSON.”

Henry. Oh! that I could ever have it in my power to write such a letter!

Mr. Goodman. The letter is a good letter. But of that more hereafter. It is the fate of all military men whatever, let their talents, their bravery, their ardour, and anxiety in the cause, in which they are engaged, be what it will, that it may so happen, some officers have never an occasion given wherein they can display their
valour;

valour; and whatever other superior abilities they possess, have no chance of being brought to light. The poet, musician, painter, actor, and every other professor of the liberal arts, if he have superior abilities, he can display them, and make them shine as lights before men, and reap the plaudits, the praises and the profits of his genius through life. Not so the soldier or the sailor; they have a certain chance of being exposed to danger, whilst there are many odds against the chance of the post of honour. I read a story very lately, when, at the siege of ————— an officer was called upon by his superior to take the men under his command to such a post; but, says the superior, it is with regret I inform
you

you that this service is certain death to yourself and your brave followers. A mine will be sprung under you, and you know the consequence. The officer immediately departed with his detachment. Death was every moment expected for some hours. It is with pleasure I conclude this story, that the lives of those brave fellows were saved by an immediate capitulation of the enemy, and the mine of course was never sprung.

What I have said on the fortunate chance of action falling on particular men, by no means lessens the brilliant victory of Lord Nelson; the most brilliant probably of any action on record, in which the strongest judgment was united with the most ardent display of valour.

And the events which may arise in consequence of this victory, are yet not to be told. Suffice it to say, that this defeat must have greatly cramped the views, and damped the spirits, of the enemy. It has revived the spirits of all the European powers, and has put bodies into action that were heretofore torpid through indifference, or benumbed through fear: whilst he is cheered by the shouts of the inhabitants of that country to whom as if sent by Providence as her guardian angel and deliverer, by a display of bonfires on shore, and rich presents from the chiefs to the hero on board his ship. In the midst of those triumphs, with the pious humility of a good man, he orders the ships' crews on that station

station to return their thanks to Almighty God for so signal a victory. Nay, in his dispatches to his commander, instead of claiming honour to himself, so different is his language from that lately adopted by those with whom he had been contending and conquering, he says, "Almighty God has blessed his Majesty's Arms," &c. Instead of speaking of himself, he adds, "that nothing could exceed the valour of his own men of every description, which was absolutely irresistible;" that "the service suffered no loss through want of him, after being wounded, and carried off."

Mrs. Goodman. [*After a pause.*]
Wounded, My dear Henry; wounds accompany honours. But the

wounded foldier or failor has but flight accomodation in the hour of battle. How long may the former be upon the field of blood in an agony of pain, exposed to scorching funs, or piercing blasts, under danger of being trampled to instant death, before opportunity is at laft given to carry off fuch as can furvive thefe horrors! There may be no lenient hand of friendship to footh the bitter pang, or offer the cup to quench the fcorched lips. The furgeon does what man can do; but what are the efforts of a few amongst fuch numbers, who have immediate claims, in an hospital crowded, the air foul, and many neceffaries wanted! Have you ever turned your thoughts towards thefe fcenes,

my

my Henry? A mother's feelings call forth a mother's fears.

Henry. I know what pain is. What! Have not I undergone more than one operation? Did I ever shrink? Did not even the surgeons commend the resolution of the child? What! Do you suppose that manhood will unbrace those strings which string the nerves of childhood? If in a slight operation I could bear pain without complaint, surely in the service of my country, the wounds of honour could never produce any symptoms of weakness, complaints of sorrow, groans of distress, or such wailings as some utter to excite pity. I never mean to exult, but I am prepared to submit.

Mr. Goodman. Spoke like a man and a soldier! My dear, (to Mrs. Goodman,) your weakneses are amiable; they bespeak the mother. I too am his parent. But there are higher duties to which we are called, and from which we ought not to shrink. That Being who created us, knew for what purpose each of his creatures was designed. He gave strength of arm to one, that it might afford protection to him that was weak of body. He laid open the secrets of nature to another, that his brethren might enjoy what would otherwise have been veiled from their eyes. To another he gave skill to guide the vessel over the trackless ocean, to bring home the blessings of foreign climes. One rears the mansion to
screen

screen us from the elements, whilst another is weaving the web to screen our body. Some have courage to repel the foe, who would otherwise invade our borders, and plunder our property. Whilst they are engaged in these daring efforts, many are employed at home to cultivate the fields, and procure food for their brave defenders.

Thus it is in society; each has his station, his task, a certain duty to perform, and to which he is sometimes called by no feeble voice. In these cases it is the duty of man to submit; not to resist. The office of parent extends no further than to offer advice, with freedom, and with discretion; but not arbitrarily to oppose the will. My son, your inclinations
will

will no longer be opposed by your father.

Henry, throwing himself on his knees, layed his glowing cheek upon the the knees of his kind father, who raised, embraced and blessed him. Then turning towards his weeping mother, he threw his arms around her neck.

As soon as the father could recover himself, "Come (says Mr. Goodman,) we have not finished our work. Here is a letter full of pathos from the reverend father of our hero to his friend, in answer to a congratulatory epistle on the late victory, dated October, 1798.

"My great and good Son went into the World without Fortune; but with a Heart replete with every moral and religious Virtue. These
have

have been his Compass to steer by; and it has pleased God to be his Shield in the Day of Battle, and to give Success to his Wishes to be of Service to his Country.

“ His Country seems sensible of his Services. But should he ever meet with Ingratitude, his Scars will cry out, and plead his Cause. At the Siege of Bastia, he lost an Eye; at Teneriffe, an Arm. On the memorable 14th of February he received a severe Blow on his Body, which he still feels; and now a Blow on the Head. After all this you will believe his Bloom of Countenance must be faded; but the Spirit beareth up yet as vigorous as ever.

“ On the 29th of September he completed his 40th Year; cheerful,
ful,

ful, generous, and good; fearing no Evil, because he has done none; an Honour to my grey Hairs, which with every Mark of old Age creep fast upon me."

After a pause, Mr. Goodman said, "What are your Remarks upon this Letter?"

Henry. I do not know well what to say. It has almost drawn tears from my eyes, but I do not know for what. Does not he say, great and good son? Is that proper for a father?

Mr. Goodman. Not in general. But whatever father had such cause to call a son both *great* and *good*? But here is a particular propriety. Greatness is placed as inferior to goodness, which latter epithet this excellent Christian parent used to
give

give value and lustre to the former, and to complete the son's most estimable character. I cannot read over the sentence without participating some of the parent's exquisite feelings. What must have been his emotions, when, in the public discharge of his parochial duty, as officiating Minister at Burnham, when, returning thanks to Almighty God for this glorious victory? No doubt he had more than once poured forth his thankfulness in private to his Maker before this occasion: but on this public day of thanksgiving, his parishioners, his friends, all joined with him on their bended knees, and, in the presence of their GOD, to return thanks to that being, through

through whom his own son had been the instrumental cause.

There is another circumstance we may observe in this letter, which contradicts an observation often urged by those who are disposed to find fault; namely, that merit is overlooked, that patronage or wealth are the two only steps to promotion. But how often have these assertions been contradicted by strong proofs? "This son went into the world without fortune;" and so did Lord Heathfield, the late, but glorious, governor of Gibraltar.

If you are not already tired, we will read Lord Nelson's letter to his Lady after a disaster.

Vanguard,

Vanguard, St. Peter's Island, off Sardinia,
May 24, 1798.

“ My dearest Fanny,

“ I ought not to call what has happened to the Vanguard by the cold Name of Accident: I believe firmly it was the Almighty's Goodness to check my consummate Vanity. I hope it has made me a better Officer, as I feel it has made me a better Man. I kiss with all Humility the Rod. Figure to yourself, on Sunday Evening, at Sun-set, a vain Man walking in his Cabin with a Squadron around him, who looked up to their Chief to lead them to Glory, and in whom their Chief placed the firmest Reliance, that the proudest Ships, of equal Numbers, belonging to France, would have bowed their Flags;

and with a very rich Prize lying by him. Figure to yourself on Monday Morning, when the Sun rose, this proud, conceited Man, his Ship dismasted, his Fleet dispersed, and himself in such Distress, that the meanest Frigate out of France would have been an unwelcome Guest. But it has pleased Almighty God to bring us into a safe Port, where we are refused the Rights of Humanity. Yet the Vanguard will, in two Days, get to Sea again as an English Man of War."

In this Letter is displayed another trait of character of this truly great and truly good man; I mean his pious and manly resignation to his late misfortune, which "had taught him to become not only
a better

a better officer, but likewise a better man.”

How prepared to meet death should those men be whose lives are devoted to the service of their country! They have not only the wiles and stratagems of an enemy to fear, but they are more exposed to the war of the elements than those people who follow the learned professions or the liberal sciences. All who are in the land or sea service, should so live, as always to be ready to meet their God.

Before, my dear Henry, you have the command of others, first learn how to command yourself. Subdue all partialities, puerilities of temper, anger, heat, and imperiousness. Although an officer, and
even

even a chief, you are still a man ; and all under your command are brethren, and under proper discipline should be treated as your children ; and thus under regular subordination you will obtain more by proper request, than by the most blustering threats. An officer's life may be in the power of the meanest subaltern : but how many have devoted their own lives to preserve that of a beloved leader ! If such be the reward of kindness, how pleasant, how great the acquisition of the purchase !

F I N I S.

