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## EDUCATION

#### YROW THE MEDICAL REPORTORY. REVIEW.

tich of a plan and method of education, founded on an malysis of the human faculties and natural reason, suitashe for the offspring of a free people and for all rational rearys. By Joseph Neef, formerly a conductor of Pex-alloazi, at his sciencel near Berne, in Swisserland. Phila-leiphia. 1808. Son pp. 166.

On a former occasion, we laid before our readers a brief account of the plan of education proposed by the Helvetian teacher, Pestallozzi, (M. R. Hex. 11. vol. 4. p. 411) and a sketch of his pupil Chavannes's book in excplanation thereof. Our friend Murry's labours to facilitate instruction, are mentioned in Hex. I. vol. 4. p. 307. and in Hex. II. vol. 2. p. 83; and Mr. Webster's efforts to facilitate knowledge, are noticed in the 5th miume of the same Hexade, p. 72. Nor have we omitted to make what are considered suitable Mr. Dufief, Hex. II. vol. 2. p. 422.

Having heretnfore given the origin of Pestallozzl's institution, & a sketch of his system, we have now an opportunity of announcing the arrival of one of his disciples and fellow labourers, in this country. This person is Joseph Neef, who came to Pennsylvania on the invitation, and under the protection of William Maclure, Esq. This gentleman had visited the original seminary at Yverdun, and beheld the scholars of Pestallozzi pursuing their course of tuition under their master's eye. He was so fully convinced of its superiour ease & excellence, that he determined if possible to found a school upon the Pestallozzian principles, in his country : and he accordingly enval, in learning our language, in composing the | and place. present work, and in m. Ling arrangements for receiving the requisite number of boys for instruction. The number of these, he says, shall by no means exceed forty ; and as soon as he procures them, he will enter upon the business. He will receive none under six, nor above eight years of age. If they are totally ignorant when they are delivered to him, so much the better ; for whatever they have learned, they will be oblidged to forget it, in order to learn it again in his own way. He declares that the grave, doctorial, magisterial and dictatorial tone shall never insult their ears ; that they shall probably never hear of a cat-o-ninetails ; and that he shall be nothing else but their guide, school-fellow, play fellow and mess-mate. He believes that for the first year; the The seventh department of Mr.

ly occupied by the exercises.

What now, it will be asked, is this reformer of education about to perform ? How does he he refuses all interference in the articles of intend to proceed with a number of boys, for faith, or peculiar tenets of any religious sect. an uninterrupted course of six years applica- But he frames for them a manual of morality, tion ? And wherein does he differ from the or an ethical catechism, by which they are innumerous tribe of his predecessors and cotem- structed in the knowledge of themselves, their poraries in the subjects or the modes of puerile relations to property, and their dependence on instruction? We shall endeavour to state in a Creator. The examination of their facula concise manner, the method of the author, as ties will lead to a discovery of their rights; we collect it from his publication. Education is defined to be the gradual un- their duties and social concerns. folding of the faculties and powers which Providence has bestowed on the human species. Mr N. will not teach his pupils any new things ; but they will acquire under him the knowledge of old things in a new way. No attempt is made to introduce any thing into the learner ; but merely to develope what the instructor finds the atmosphere, to the different forms of wain him. In executing this undertaking, he does not the numerous families of plants and vegetabegin with the alphabet and the spelling book. bles, and to every thing that the face of crea-These are reserved for a more advanced part of tion presents to an observing eye. The in- form. At this time, if the tongue of the horse the course. His first care is bestowed upon the manner of Speaking and the use of Speech, with their application to the four orders of human knowledge, 1. our immediate sensations; 2. our memories ; 3. analogies, and four the e- for his opinion. vidence of other persons. His mode of proceeding with young beginners is thus exemplified. The human body may be the subject of mon processes in the arts, and from the operaconversation. They are taught to fix their at- tions going on every day in the great laboratotention on its external form, not on its inter- ry of nature. And he performs the part of a nal constitution ; to divide it into trunk and ready and faithful interpreter in expounding close it upon the nits, and he will find them members ; when an object or a part thereof them to his curious and listening audience .is shown, to name it ; and when the name is The kitchen fire, the chimney, the boiling of pronounced, to show it ;--- to understand the connection between two parts of a thing, or between a part and the whole ; to examine the number of every thing they see ; to point out the position or situation of an object; to distinguish the qualities of objects, especially their form or shape ; to note the various functions performed by organical bodies and their parts ; to observe and investigate the use we make of the many things which surround us every where ; to point out the resemblance between two objects presented to us ; to discover the difference between bodies; and to practise the art of describing things in plain, exact and precise terms, He next makes them acquainted with numbers. Not, however, by the common numerical cyphers, but by sensible objects, such as beans or marbles, and a calculating apparatus of great simplicity, by which he renders them both ready and correct reckoner. The third step he takes is to render the figures and and instead of joining with the philanthropists proportious of geometry familiar to his scholars. This he accomplishes by diagrams and models of his own ; and after the elementary parts shall have been thus illustrated and com- they think he ought to be, our author very cor- swers to any or all of the following queries,-

to that of Euclid, for the remaining branches course is to costemplate him with all his vice information relative to fruit and to find the science. The fourth part of this plan, and depravity about him, and to guard against the hest adapted to our climate encodingly. This brings us to his twelfth section, where the have experience in the the act of drawing. To make horozontal lines, in he treats of the learned languages. And in will favour them with their assistant this the treats of the learned languages. And in \*

to divide them into equal parts, to cross them this he rejects the study of the Latin and sign of general utility by vertical lines, to form rectangular figures, Greek tongues, as neither necessary nor useand progressively triangles, circles, polygons, ful to a rational education, nor, to a rational cones, cylinders and pyramids, will be the man. Though he consents to teach them to

ses they will pass on to the more difficult and yet on no account any further than to under- of those within your knowledge? exquisite expressions of form in all natural stand and translute the writings of Cicero, Deand artificial bodies.

little learners, without any ability to read, ses some severe strictures upon Mr. Durrars write, or even say their letters. He will ren- Nature Displaged. But on a point in dispute state of sap ? der them good speakers, arithmeticians, geo- between rival teachers, we pretend not to inmeters and limners, before he introduces to terfere. their acquaintance any species of literary per- Music is treated of in the thirteenth, poeformance, even the horn-book. And, when try in his fourteenth, and geography in his fihe is about to initiate them into the mysteries teenth sections. The most remarkable cirremarks, in displaying the natural method of of literature, he chooses to instruct them in cumstance relative to the former is, that it writing, before they are taught to spell and shall be vocal, and uttered without the aid of sings are proper for the respective kinds read. The practice of drawing mathematical the gamut ; in respect to the second, he is veand other figures, is an excellent preparation hemently opposed to rhyme; and concerning for writing. In the method of nature, writing the latter, he insists that his pupils shall make general causes of injury or decay i must have preceded reading; and as writing their own maps, and that he will give them existed before there could possibly have been further lesschis upon a globe of his own cona reader, so in the Pestallezzian plan, the for- structicu. mation and connection of the letters must pre- Lexicology is the knowledge of which he cede the knowledge of their uses and powers. treats last of all. This is intended to settle As soon as these are acquired, spelling and the right and true meaning of words. The reading accompany writing, and give the causes of the misunderstandings among men teacher an opportunity to unfold the produc- as to language, are referred to, 1. our not extion of articulate sounds, the manner of signi- amining an object well before we speak of it ; fying them by written characters, and of com- 2. our not calling things by proper names ; and bining the letters into syllables, syllables into 3. our not knowing the real power of the words words, and words into sentences, with so much we employ to express our sensations and sengaged the writer of the present book to migrate skill as to express the most recondite as well timents. He considers that his plan of eduto Philadelphia, and to prepare Itimself for a as the most obvious thoughts, in a manner cation would be very defective, if it did not practical display of his skill in or near that city. that shall be intelligible to a person who shall include a chapter or treatise on the science of Mr. N. has employed himself, since his arri- be separated by the greatest distance of time words, or lexicology. In this he attempts to near Philadelphia. In many no mark of de

> der his boys grammarians. But he roundly abuse of, etymology. rejects all the books of grammar as unfit to be put into the hands of learners. He disclaims ane's letter to Dr. Mitchill, a sentiment conthe whole of these laboured and erudite com- cerning this work : pilations as magazines of lumber and trash.-He makes a grammar of his own : to consist Education ; if not, permit me to send you one. of three parts, ideology, lexigraphy and syntax. and invite your curiosity to a perusal of it He divides his ideology into four sections, or three times. This is an apparently whimsical four classes of words, substantives, adjectives, request; but I have read it six times myself, conjunctives, and super-adjectives; and ba- with an increase of admiration, and a better nishes all the ordinary parts of speech, as they understanding of the human mind, as well as are termed, utterly from his presence. Thus of the degeneracy of the human intellect for a ideology will make them acquainted with the long course of ages. We shall set the system materials of speech, lexigraphy shall dissect in motion here this summer; and if we can

The seventh department of Mr. N's me- have acquired something more precious than studies of his pupils will occupy four hours of thod consists of ethics or moral discipline .-- the mines of Mexico, or than the day. They will be conducted considera- Considering all systems of religion as compohis in the open air; and the portion of life sed of two parts, their dogmas and their morom the sixth to the twelth year, will be chief- rals; and reflecting that the dissentions which exist between religious societies originate in matters of doctrine, rather than of practice ; and these will conduct to a developement of Instead of making his pupils masters of mere ses are annually destroyed, are produced from nomenclature, or adepts in any particular classification or system, Mr. N. proposes to encourage in them all manner of attention to the various species of animals, to the changes of Oestrus equi. These eggs or nits become ripe ter, to soils, earths and stones of every kind, to structor encourages his sholar to scrutinize touch the egg, its little door (operculum) is every thing; and in his turn he explains to thrown open, and a small active worm is prothem all that is necessary for them to know, duced, which readily adheres to the moist surconcerning the specimens they present to him face of the tongue, and is from thence conveyed The science which follows next in order is Chemistry. This he derives from the comthe tea-kettle, a snow-ball, a fragment of ice, or a plate of soup, are, each of them, subjects of useful discussion. The true theory of heat and cold is derived from the observation of ordinary phenomena. With these, artificial experiments will be duly mixed or discreetly interwoven. Gymnastics or the rules of exercise are then treated of at considerable length. He trains deeply affected by the grubs, is lately recomhis boys to an exact employment of every mus- mended as an effectual remedy. We think it cle, joint and limb. He forms them into com- probable, that this article, by its adhesive quapanies and sections, trains them to the use of lity, may so obstruct their organs of respiration arms, initiates them into tacties, and teaches on, as to distress the insects, and cause them them the art of defending themselves, their li- to loosen themselves from the stomach. It berties, their possessions and their friends. might be well to give half an ounce of Alocs against assailants and invaders. And he jus- about an hour or two after the tar. This last tifies this procedure from a conviction that would tend to convey off, before they recothere ever has been, is now, and ever will be a ver from the embaryassment occasioned by the great mass of error, mischief and crime, first - Lynchburg Press. against which a prudent man ought to provide;

1. What kind of fruits are the greatest

most certain bearers ?

2. Which are those coming soonest to tasks of the pupils. And from these exerci- his pupils, for faction's sake, as he wears a hat ; foction, and times of blooming and ris

3. Which are the hardiest, and most e mosthenes, Homer and Virgil. In explaining propagated ; and the different mode Thus far this bold instructor conducts his his mode of teaching French, the author pas- ture ; and the times and manner of and propagating, both as respects acar

4. What enemies assail fruits, and med of destroying them, or guards against them 5. Modes of recovering decayed ure which are most subject to injury, and the b means of preventing disease or decip?

6. What soils, and what manures or dre fruit trees, and their proper aspects? In w situation do they thrive most, and what

7. What trees require the . ce-knife, a which are best left entirely to nature?

8. What fruits will bear gathering bef maturity, so as to ripen in the house, or u other cover ; and the best mode of preservi ripe fruit for use ?

9. What insects or vermin are enemies fruit, and the means of repelling or desur ing them ?

10. How long since the bitter rot first sein the Vandever, and House Apples ? Is there any mode of prevention, or has situation or soil any influence on the disease !

11. Apples generally fell off the trees in great numbers before maturity, last autum trace compound words to their radicals, and cay appeared. What is the cause of the The sixth great object of Mr. N. is to ren- criticises Mr. Tooke for his rage for, and early falling, and what the means of preve tion ?

It not being expected that any individu will be enabled to answer all these queries, will be seen that it is left to each correspon dent who will be pleased to attend to them, give information as to that species within h knowledge. Communications to the Secretary of the Society will be gratefully received

## MONITORIAL.

Unto one he gave five trlents, to another two, and to an ther one."

A most important talent is Moral Influence Mankind are governed by influence more than

by laws. Parental influence is of all the mo powerful. The tender minds of children, like soft wax, are easily stamped by any impression and moulded into any shape. They natural imbibe the sentiments, copy the manners an follow the example of their parents. It is therefore infinitely important, that parental influence should be directed by the uncreing line of pru pence and virtue.

Female Influence, in respect to the forming of morals and manners, is much greater than most people are aware. It would be in the power of women to raise the tone of public mor their frowns and smiles properly directed, they might banish from society profane swearing obscenity and foppery-they might put an end even to the murderous practice of duellingther sex to a decent, manly and noble conduct, if they were only to make it a necessary condition of obtaining their approbation and favour. Wealth enlarges the sphere of moral influence. The rich, who lead the fashion, have it in a great measure in their power to render meanness and vice contemptible in the public view, and to make decency and virtue fashionable. Men high in office, and even ordinary magi trates have moral influence proportional to the degrees of their elevation ; and according to the aggregate influence of their example, vil tue or vice will be likely to prevail among the people. Their characters will be critically scanned and more or less of the people will copy their manners and examples, whether good or bad. The clerical office has attached to it a great degree of moral influence. A correspondent life in a preacher is the best enforcement of the doctrines he preaches ; whereas morality and religion are more injured by one vicious clergyman than they can be promoted by a thous sand good sermons. All men of learning and superiour knowledge have an enlarged scope of moral influence, and according to the use they make of it, they will promote good morals, or will be like the blasting Bohon Upas to all around them.

and benevolent visionaries, who are ever judg-

Pride of the Land and patron of the Scas. INTERESTING TO FARMERS.

AGRICULTURE.

We conclude by quoting from Colonel Du-

"I hope you have read Neel's System of

only keep it going one year, the nation will

All Bochara's boasted gold

" Or all the gems of Samarcand."

It is now sufficiently certain that the horse-Natural history occupies the eighth place. botts, or grubs, by which so many valuable horeggs or nits, which are deposited chiefly on the knee and back part of the shoulder of the horse. by a certain species of fly. The fly is called in the course of 4 or 5 days. When thus ripened the slightest application of warmth and moisture is sufficient to bring forth, in an instant the latent larva, that is the insect in the first with the food into the stomach.

Any person who choses, may reduce it to experiment for himself-In the season for it, let a few hairs be clipped off having these nits adhering to them-moisten the inside of the hand by the application of a little spittle, and hatched in a few seconds.

It is therefore recommended, to be careful to remove these eggs by scraping them off with a knife, or washing them off with an infusion of Tobacco every third day throughout the season in which they\_are deposited.

If this be done, there is no doubt but the destruction, which is made by this hateful insect may be completely prevented.

A pint of tar, warmed and given to a horse

## FRUIT AND FRUIT TREES.

The Agricultural Society of Philadelphia, ing of man in a sort of abstract state of per- deshous to collect facts on the subject of fruit fectability, such as they wish him to be, or as and fruit trees will be much obliged by anprehended, he prefers the method of Legendre reculy concludes, that the wiser and safer As their object is to obtain and promulgate

As moral influence is a talent, we are sccountable for the use o fit. We are accountable tor all the evils which others are led to com-

mit through our means. If even one single person and much more if many have been rendered vicious by the influence of our conversation and example, we have a sad account to give. Or they' vice has not been directly enour aged by us, if we have not uniformly used influence against vice and for the promotion of morality and pure religion, we have acted the part of unprofitable servants.-Bal:

To dread no eye, and to suspect po tongue, is the great prerogative of innocence ; an exemption grant ad only to invariable virtue. But guilt has always it's porrors and solicitudes ; and to make it yet more shaineful and detestable, it is doomed often to ten in awe of those to whom nothing could give influence or weight, but their power of beursying.