

TERMS OF THIS PAPER.
The COMPILER is published every Monday morning, by HENRY J. STAMBE, at \$1 75 per annum if paid strictly in advance—\$2 00 per annum if not paid in advance. No subscription discontinued unless at the option of the publisher, until all arrearages are paid.
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Office in South Baltimore street, directly opposite Wampler's "Tinning Establishment"—"Compiler" on the sign.

THE COMPILER.

A Democratic, News and Family Journal.

By H. J. STAMBE. "TRUTH IS MIGHTY, AND WILL PREVAIL."
TWO DOLLARS A-YEAR.
41ST YEAR. GETTYSBURG, PA.: MONDAY, AUG. 29, 1859. NO. 48.

D. McConaughy,
ATTORNEY AT LAW, (office one door west of Biehler's drug and book store, Chambersburg street, Arroyo and South Street, Patrons and Farmers, Land, War, Claims, Back-pay suspended Claims, and all other claims against the Government as Washington, D. C.; also American Claims in England, Land Warrants issued in Ohio, or bought, and highest prices given for same, and in leading warrants in Iowa, Illinois and other western States. Apply to him personally or by letter.
Gettysburg, Nov. 21, '53.

J. C. Neely,
ATTORNEY AT LAW, will attend to collections and all other business entrusted to his care with promptness. Office nearly opposite Fishneck's Store, Baltimore street.
Gettysburg, April 11, 1859.

Wm. B. McClellan,
ATTORNEY AT LAW—Office on the south side of the public square, 2 doors west of the Sentinel office.
Gettysburg, August 22, '53.

Edward B. Buehler,
ATTORNEY AT LAW, will faithfully and promptly attend to all business entrusted to him. He speaks the German language—Office at the same place, in South Baltimore street, near Farmer's Store, and nearly opposite Danner & Ziegler's store.
Gettysburg, March 20.

Dr. A. W. Dorsey,
FORMERLY of Cambridge, Md., having his professional offices to the citizens of the town and surrounding country in the practice of the various branches of his profession. Office and residence, in Baltimore street, next door to the Compiler office, where he may be found at all times when not professionally engaged.
Prof. Nathan B. Smith, Baltimore, Md.
Prof. Augustus Webster, D. D., Baltimore, Md.
Dr. J. L. Wacker, Westminster, Md.
Dr. W. A. Mathias, " "
Jacob Reese, Esq., " "
John K. Longwell, Esq., " "
Geo. E. Wampler, Esq., " "
Rev. Thomas Bowler, Gettysburg.
Oct. 25, 1859.

J. Lawrence Hill, M. D.
His office one door west of the Sentinel office, in Baltimore street, and opposite Pickering's store, where those wishing to have any Dental Operation performed are respectfully invited to call.
Prof. Nathan B. Smith, Baltimore, Md.
Prof. Augustus Webster, D. D., Baltimore, Md.
Dr. J. L. Wacker, Westminster, Md.
Dr. W. A. Mathias, " "
Jacob Reese, Esq., " "
John K. Longwell, Esq., " "
Geo. E. Wampler, Esq., " "
Rev. Thomas Bowler, Gettysburg.
Oct. 25, 1859.

New Livery
ESTABLISHMENT—CARRIAGES.
M. T. TAYLOR has opened a new and commodious establishment at the stables, in Washington street, and opposite Pickering's store, where those wishing to have any Rental Operation performed are respectfully invited to call.
Prof. Nathan B. Smith, Baltimore, Md.
Prof. Augustus Webster, D. D., Baltimore, Md.
Dr. J. L. Wacker, Westminster, Md.
Dr. W. A. Mathias, " "
Jacob Reese, Esq., " "
John K. Longwell, Esq., " "
Geo. E. Wampler, Esq., " "
Rev. Thomas Bowler, Gettysburg.
Oct. 25, 1859.

Here We Are Again!
JUST from the city with the best and cheapest assortment of SWISS and MOLASSES that we have yet offered, calculated to please all persons in quality and price. We have a very large stock, low COFFEES, TEAS, (Choice, Late Rice, Choice Spices, (all kinds), Crackers and Tea, Cakes, Viagara, Pickles, Sugar-cured JAMS and SHOULDER, Lard, Shad, Mackerel and Herrings, Sliced Corn, Tubs, Buckets, &c.; all kinds of Groceries, Concentrated Lye, Extra and Superior FLOUR, all kinds of Feed, Potatoes, Fresh Butter and Eggs constantly on hand. Family Goods, Confectionery, &c., &c. Give us a call. It affords a pleasure to show our large and inviting stock.
NURBECK & MARTIN.
Gettysburg, May 30, 1859.

Groceries.
WHOLESALE AND RETAIL—Molasses and Sugar by the barrel, Coffee by the sack, and all kinds of Groceries, either by the quantity or in small amounts, at prices that defy competition. Call at our store.
FAHNESTOCK BROS.
April 4.

Wood-land
A PRIVATE SALE—Will sell at private sale 52 Acres of land, in the gentle March creek, near Dream's Mill, 40 Acres of which is heavily timbered. If not sold prior to the first day of July it will be laid out in lots to suit purchasers and sold at public sale.
May 19, 1859. GEO. ARNOLD.

Globe Inn.
MECHANICSTOWN, Frederick county, Md.—Having been renovated and re-furnished, the proprietor assures the public that a call is only needed, as he guarantees full satisfaction in every case. Charges moderate.
HENRY HERR, Proprietor.
Feb. 14, 1859.

Marble Yard Removed.
The subscriber having removed his place of business to East York street, a short distance below St. James' Church, would announce to the public that he is still prepared to furnish all kinds of work in his line, such as Monuments, Headstones, &c., in the most elegant style and finish, with and without bases and sets, to suit purchasers, and at prices to suit the times. Persons desiring anything in his line will find it a decided advantage to examine his stock and prices before purchasing elsewhere.
WM. B. MEALS.
Gettysburg, March 21, 1859.

Cheap Clothing.
GEORGE ARNOLD, at his Clothing Emporium, has now got his stock of Spring and Summer Clothing—full and well assorted, all of our own make, and warranted well made. We have just received from the city, a large stock of Cloths, Cassimeres, Drillings, Jeans, Italian Cloth, Parametta Cloth, Tweeds, Summer Cassimeres, Linens, Vestings, &c., all of which will be sold at prices to suit the times. We have hands constantly cutting and making up, and if we cannot please you in a garment ready made, we can take your measure and make you up a garment upon short notice. As usual Mr. Culp is always on the spot with shears and measure in hand, at your service. Please call, as we will be undersold by any other establishment in town.
April 11, 1859.

More New Goods.
A T CORBAN & CULP'S. All the new styles of HATS and SHOES—Trunks, Carpet Bags, Umbrellas, Wall Paper, Window Blinds, Saddles, Brides, Fly-nets, Buggy Harness, &c., cheap for cash, at the sign of the Dog Head.
April 21, 1859.

AGRICULTURAL IMPLEMENTS, of every kind, including the "Universal Feed Cutter," Improved Premium Eagle Plow, Corn Shear, &c., manufactured at Chicago Falls, Mass., for sale by SHREDS, BUEHLER & KURTZ.

SADDLES, for baking cakes, &c., adapted for any stove or for sale at Shreds, Buehler & Kurtz's Store, Warehouse, &c. These griddles do away with the greasing in the baking of griddle cakes, &c., &c.

FRANCY BONNETS and trimmings, handsome—call and see them at the GEO. ARNOLD.

Poot's Corner.
DICKIE LEE.
BY JESSIE MARSH.
Oh, Dickie Lee! Oh, Dickie Lee,
Of the sunny days,
The honey had I called my lover,
The honey had I called my lover,
No other lass but me!
Oh, we were in love when our years were few,
And our hearts were fresh as the morning dew,
Six years was I, and seven was he,
And since those days long years have passed,
Long years of blossoms and of blazes;
But in them all there never grew
A love more sweet, a love more true,
Than that of Dickie Lee!

I often think of Dickie Lee,
And the summer long—
Of the old school-house and the little brook,
With its mossy banks in the shady nook,
Where we would fish, 'till the bell did ring,
With our "home-made line" of a bonnet string,
And I learned more joy than the spelling-book,
But if we were late, and the teacher took,
The frowns and rebukes "counted as dross,"
And during it all, I only could see
The sparkling dark eyes of Dickie Lee!

I wonder now if Dickie Lee
Looks back across the years,
Smiling, perhaps, at the thought of me,
And the funny times we used to see,
In that school-house dim of yore!
On the little bench close by the door,
The little bench that would hold but four—
Janie, Louis, Dickie and me—
And the lambs of the flock were we,
I wonder now if he ever thinks
Of the dreadful time he stole the pinks
And it is dear to me:
And what befell poor Dickie Lee?

They tell me that Dickie Lee
Is a man of wealth and pride;
That he has ships upon the sea,
Titles, too, of a high degree,
And that a lady became his bride,
And it is dear to me:
Fickle have I seen him be.

'Tis many a year since he was my lover,
Loving me well, and loving no other;
'Tis many a year since the barefoot lad
Romped close by my side, making merry and glad;
'Tis many a year, 'tis many a year,
That I have seen the poet and the sage,
But I think of him yet as a laughing boy,
Knowing or dreaming ought but joy,
Unless he dreamt of me,
And I would see the man of care,
And it is dear to me:
That has wrestled cheeks and thin grey hair,
For, oh! he would, steal from me
Something I love and cherish well,
An image shrouded in a secret veil,
And it is dear to me:
Though the face is freckled and plain and lean,
Yet memory calls it bright and serene,
And keeping the spot of its dwelling green
For the sake of Dickie Lee,
The little bench that would hold but four—
Was really in love with me!
—Home Journal.

Miscellaneous.

The "Try Company."
A gentleman who was riding in the cars, noticed a bright little fellow, between five and six years of age, sitting with his father and mother, and engaged in the attempt to unloose the knot of the spring that bound a small dog. The knot had become well compacted, and the child's tiny fingers seemed to make no impression thereon. The patient earnestness of the little fellow was contrasted with the apparent indifference of his parents, who looked on, but made no attempt to assist him. At last the gentleman, whose sympathy for the children was warm, could bear the sight no longer; so, to help the child, and partly to rebuke the parents, he took out his knife and handing it to the boy said—
"Here, my little fellow, try the virtue of a sharp blade. You can not unloose the knot by your little fingers, but I will give you a little help before." "I never heard of that company before."
"Oh, I've always belonged to it. Have I not, father?" and the child turned, with an expression of loving confidence in his face, towards his father.
"He's a worthy member of that excellent association, sir," remarked the father, now speaking to the gentleman, and smiling in a pleasant way.
"Ah, I understand you!" Light was breaking in upon the gentleman's mind. "This is a party of your discipline, never permit your little boy to say 'I can't.'"
"But, instead, 'I'll try, sir.'"
"Excellent," said the gentleman. "Excellent! Here is the way that men are made. It is the everlasting 'I can't,' that is dragging the public to his ruin, such as Mountaineers, Headstones, &c., in the most elegant style and finish, with and without bases and sets, to suit purchasers, and at prices to suit the times. Persons desiring anything in his line will find it a decided advantage to examine his stock and prices before purchasing elsewhere."
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Cure for Hydrophobia and Poisonous Snake Bites.
There have been a multitude of remedies published for hydrophobia and for bites from poisonous snakes; but the most effectually have not found one that is infallible. This is particularly true of hydrophobia—the most terrible malady with which the human frame can be afflicted. It has, we believe, come to be completed that produce draughts of ardent spirits, if procured from rattlesnake bites; but hydrophobia is still held to be incurable. We have no hesitation, therefore, in publishing the following, because even if the recipe given shall not prove all that is claimed, a trial can do no harm:
"To the Editor of the Albany Evening Journal:"

In perusing this morning's paper, I observed a case of hydrophobia, which thus far has been a standing block for physicians in general to overcome. I feel in duty bound, gentlemen, as I am in possession of an infallible remedy for that most to be lamented disease, here to make it public, especially when attended with scarcely any expense, hoping that it will be a relief to some of our fellow sufferers.
"Recipe—Take one ounce of common salt in a pint of boiling water, scald the water with a cloth as warm as the patient can bear it, repeating the same for at least an hour. The same recipe has been successfully applied for the bite of rattlesnakes. Hoping thus to be instrumental in rescuing human life."
"I am, gentlemen, yours most respectfully,
"HENRY BACHMANN."

Russian Babies.
It is said that Russian babies look like so many idols with their heads curled out and the rest of the body left in a block. The appearance is caused by their being rolled up in tight bandages, (leaving only the head out) so that they may be put away out of mischief and danger. On going into a Russian house you may find one little fellow on a shelf, another hung to the wall on a peg, a third hung over one of the main beams of the roof, and rocked by the mother, who has the child looped over her foot.

"Why, that is a child!" you exclaim, looking close to be sure you are not mistaken.
"Of course, what should it be?" answers the mother.
Yes, sure enough, it is a child, but so dirty that you cannot help asking—"When was it washed?"
"Washed!" shrieks the mother, "washed! what, wash a child? You would kill it!"

Not Satisfied.
Last week a hard-working sailor returned to Milwaukee, after a five years' absence in California, with but little more cash than he took away with him. He left a wife and two children when he went away, and the first thing on his arrival was to seek out his family. He found them in the Third Ward, and after kissing his wife, saw with astonishment that his children, like those in the street had doubled in the five years, as in place of two, there were four, and one quite small. He looked at his wife. He then looked at his babies. Then at his wife, who stood silently by. Back and forth, from one to the other, for full five minutes he gazed, then broke out, six or seven times, "I am not satisfied, but what can I do?"

Gold.
A cubic inch of gold is worth one hundred and forty-six dollars; a cubic foot, two hundred and eighty-eight dollars; and a cubic yard, six millions eight hundred and seventy-six dollars. The quantity of gold now in existence is estimated to be three thousand millions of dollars, a cubic of twenty-three feet.

The relative value of gold to silver, in the days of the patriarch Abraham, was one to eight; at the period of B. C. 1100, it was one to twelve; B. C. 500, it was one to thirteen; at the commencement of Christian Era, it was one to thirteen; A. D. 1700, it was one to fifteen and a half; and at the present time, it is slightly varied, it has maintained to the present day.

A French magistrate, noted for his love of the pleasures of the table, speaking one day to a friend, said: "I have just had a magnificent supper, and it was excellent, stuffed with truffles to the neck, tender, delicate, and of a high flavor. We left only the bones."
"How many of you were there?" said his kind friend.
"Two," replied the magistrate, the turkey and myself.

Ill-Sorted Matches.—In a recent letter to the Rev. G. W. Woodruff, (of Ct.) said: "I know of no more distressing thing than a large-hearted, noble, expansive man linked to a petulant, little-aged, henpecking woman, or a noble woman linked to one of those sordid, mean little litle upon manhood. If such is your case, why get a divorce in Heaven's name, and God help it."

A circus rider, when standing on the back of a galloping horse, and occasionally leaping through hoops or over a banner, only jumps up; for having already the motion of the horse, he goes forward at the same rate as the horse, and if he were to add to this the force of a leap forward, he would fall on the ground before the horse's head.

At a recent exhibition of paintings, a lady and her son were regarding with much interest a picture which the catalogue designated as "Luther at the Diet of Worms." Having dismounted at some length upon its merits, the boy remarked: "Mother, I see Luther and the table, but where are the Worms?"

A Weed Law.—The Ohio Farmer calls for the passing of a stringent law to compel the destruction of noxious weeds by every person on the land he owns, before the seeds are opened, the penalty of non-performance to be a fine, to go to the school fund. The same paper says that traveling threshing machines are "evil monsters"—they distribute vile seeds everywhere; and that the farmer who employs them regularly, will soon find that by their tree carrier system he will get weeds among his grain.

Quaker Invention.—Among the list of patents granted last week, by the United States Patent Office, we notice the following: "Theodore Lipschut and David C. Jones, of Balston Spa, N. Y.—For self-acting battery for scoring card, &c.
Wonder what will come next.

Communication.
Mr. Editor—Allow me, through the columns of your paper, to call the attention of your readers to an incident that will doubtless be read with interest. A contemporary not long since, was furnished with several original Poems of modern date, but said that he could not publish them, particularly the first one, for it was very imperfectly written and not in accordance with poetic laws. And after being very politely requested to point out the imperfections which he had spoken of, he was unable to do so. And as all would very readily suppose, to make it appear that he was disposed to act the part of a gentleman, immediately recom- and said he would gladly make room for them in his paper. The first one published, which was given in a *faber*, and entitled the "Woman Chewing for Her Three Sons," over which he inserted what we wish to call attention to, and to which we will shortly refer, the first sentence of which is a gross falsehood, and the remainder of the poem, cannot help but render itself pernicious to the mind of every intelligent reader, as a mixture of unmeaning sentences and palpable absurdities. It is as follows:

"We have been earnestly solicited to give the following remedy in our columns. We publish them *corbis*, and if the reader, in wading through the lengthy effusions, encounters difficulties, he will have to allow the author more license than poets generally claim, and make up the deficiency as he goes along. Here goes!"
And after having his attention particularly directed to the fallacy in the above article, and like many others, the disposition therein manifested to depreciate the merit in another at the expense of another, we find under a production of the same author something equally destitute of good sense, and in which every and malice yet alone more conspicuously. It is this:

"We refresh our readers again with some poetry by the Rev. Mr. Jony A. MILK. We have the best reason in the world for making room for it. A person is in a terrible fix when he wants to say something and can't, or to have an idea without words to express it. Those who admire the style of 'Honest' Yerkon will be pleased with the following. Again we say—Here goes!"
(After which the poem followed.)

And since these ably written productions, and beautiful poems, have attracted much attention, and the painful recollection of the opprobrious reception, indubitable exposition of fallacy, and the contemptuous manner in which they were disposed of by the writer above referred to, has aroused the indignation of the intelligent and respectable friends of Mr. M., who are impressed with a just sense of his superior moral and intellectual worth. They have determined to bear his head above the waves that threaten to engulf him, and the storm of envy and malice that seek to ruin his fame, and the arguments of peace, truth and prosperity, and valiantly wield his able pen in defence of truth, morality and virtue, and prove a powerful auxiliary in the spreading of useful knowledge.
A CITIZEN.

IN A TERRIBLE FIX.
ALL in a fix most terrible,
We know must any person be,
Who anxious is a fault to find,
Or anywhere can an error see.
Oz who should would land his name,
As faithful, honest, true and kind;
Maliciously will speak of that
With which he could no error find.
It to accomplish will recant,
But in the operation lie,
And most about it then he reply.
One did to him for aid apply.
Solicited most earnestly,
To publish full the poem long,
Which is as destitute of truth,
As was the fable in our song.

And then again we hear him say,
"But this is a man must be,
If something would he to say,
But right to say it cannot be.
Or if an idea he should have,
Which to express no language know—
Like one when he run out of gas,
Could nothing say then but—here goes."
O! his grand insignificance,
To make our Oz so very long;
Too trifling thing to mind he be,
And deem it best to end our song.
But if conceit should urge him on,
And thinks we've not through with it,
Just let him then to this reply,
And most about it then he reply.

The apple crop, says the Lancaster (Pa.) Express, is progressing finely, and the orchards are everywhere loaded down with this luscious fruit.

The cannonading at Sulfero was heard at Trieste, a distance of one hundred and fifty miles.

Some descendants of Solomon has witely remarked that they go to law for damages are sure to get them.

The artisan well at Columbus, has reached a depth of two thousand and ten feet. Truly something of a bore.

Ohio Harlan, of Blair county, Pa., has been sentenced to eighteen months imprisonment for poisoning horses. Served him right.

At the Queen's ball in London, recently, the Duchess of Richmond carried off \$100,000 on her head in the shape of a diamond tiara.

It is estimated that the wheat crop of Ohio, this year, will amount to 30,000,000 bushels.

ADDRESS
TO THE
MUSICAL CONVENTION,
GETTYSBURG, JULY 20, 1859,
BY REV. S. S. SCHUMUCKER, D. D.

RESPECTED AUDIENCE—We are told in the good book, which I trust you all love and often read, that on a certain occasion there was a large and noisy assemblage of people in the ancient city of Ephesus, which the Town Clerk dispersed, because they were in danger of being before the civil authorities, as there was "no cause whereby they could give an account of this concourse."

Now it is true, our meeting is more orderly than was that of Ephesus, and in this free country, we are in no danger of being called to account for our meeting, which is made to-day (if unfortunately our music should by any mistake for noise) yet it is always proper, to have a clear idea of the reason of our actions, if not to answer to a human tribunal, yet to a higher one, to our conscience and our God.

As we are assembled here to-day, some of you would reply: "We have come to cultivate music; and others, we have come to enjoy the pleasures of a musical entertainment; and others still, we have come to spend a social hour with friends and acquaintances." Now, you are not to be disappointed, as the appointed speaker of the occasion, to answer this question, I would say: Gentlemen, you replies, though various, are all correct; but they are too subjective.—There is another reason that underlies all these, and that is, "We are here to-day, because God is good."

Should this solution appear remote or obscure, let us analyze it and you will all understand, will all assent.
We reduce it to the following propositions:
1. It is God who taught our organs to articulate.
2. It is God who taught our minds to discern and enjoy the relations of sound; and
3. It is God, who taught us to apply this faculty to useful purposes of life.

Now as God implanted into our mental structure a desire for music, and as we are to seek the pleasure, which this faculty affords; and as his goodness prompted him to do all this; therefore we are here to-day because God is good.

Our first inquiry therefore is: Did the Creator confer on us such an organ as the structure of our vocal organs?
Of this there can be no doubt. God so formed us, that the organs of man can make a certain circuit of elementary sounds, vowel, guttural, dental and labial, which constitute the alphabet of language, and when combined into words serve to express our thoughts. As these organs of speech are alike in all men, these elementary sounds, or oral alphabetic letters made by them, are also nearly alike in all languages, although their written names and combinations are different, and very different. These sounds, when combined into words, form human language, which is and ever has been the universal and most important vehicle of thought amongst men in all ages and nations. But they are designed and made to be employed for a higher purpose, which is of inferior, yet of great importance.

By being pronounced variously in regard to tone, pitch, and force of utterance, the different notes constitute music; and you all know how the feelings of the heart are excited by singing, and by instrumental music, which comes to the ears of the soul, and is very different. These notes differ from each other chiefly in being higher or lower, that is, coarser or finer, graver or more acute; which difference is made by the different vibrations of the elastic membrane at the top of the windpipe of men and other animals, and the strings of stringed instruments. By various most interesting experiments, conducted mainly by aid of instruments invented for this purpose, it has been established, that the range of sensibility of the human voice, extends from seven vibrations to 24,000 per second.

There are other sections of the vocal organs, which together with the relation of the notes to time and force of utterance, distinguish the music as grave or cheerful, soft or loud, ascending, descending, &c.

Some irrational animals can execute notes more grave or acute than man. The lion can utter a deeper bass, and the bird a higher and finer note than man. Some birds can give a warbling tone to their notes, not fully attainable by the human voice. Who does not remember the universal admiration, with which the far-famed Jenny Lind was heard, in her time, to sing, and to execute the warbling of feathered songsters, especially in her bird-song, which filled with ecstasies the admiring thousands that crowded her performances?

The science of music is based on the elasticity of the atmosphere, and the impressions made on it by the vibrations of musical strings or pipes, or the elastic membrane at the top of the singer's windpipe. The number and frequency of vibrations and consequent coarseness or fineness of the notes depend on the length, thickness and tension of the strings. Much human voice is capable of making with ease several separate and distinct notes, each higher, or finer, or more shrill than the other. Female voices are finer than those of males. The key note, with which females naturally begin to speak or sing, is eight notes, or an octave, higher than that of males. But whilst the human voice can naturally make little more than one octave of notes with ease, various musical instruments are so constructed as to make many more octaves. Thus ordinary pianos contain seven repetitions of these seven notes, that is, seven octaves. Stringed instruments each one of all these forty-nine notes, is caused and distinguished by a perceptible difference in the vibrations of the strings, arising from their length, thickness and tension. Corals and discords arise from these vibrations of different notes, striking the ear together, or at different and irregular times. When they strike the ear at the same instant, the effect is pleasant and is termed a cord; when at different and irregular times they make a discord, which jars the ear. On this general scale of forty-nine or more notes (7 octaves) the lower class of notes is termed bass, the tenor or the next higher class, then the alto, and finally the treble or highest class. Yet neither of these classes or parts is absolutely confined to any one octave, but each one occasionally runs into higher or lower notes, and the same may be said of the other. In nature, namely, these made by the tenor voice, or natural pitch, and are not the higher and lower octaves of notes only repetitions of the natural octave, by voices or instruments of higher or lower pitch? We leave the decision to those who have made the philosophy of music their special study.

Let us now inquire into that musical faculty which God has implanted into our minds, in order that we might be enabled to enjoy and play on those various musical instruments, which he has attached to our bodies, and scattered far and wide over the material world. This talent is an integral part of the human mind. Although it is found in every possible gradation, from the musical genius to the untutored Equineamus, who

scarcely knows what music is; yet none are entirely destitute of it. Ask even the man who professes to have no musical sense at all, whether he does not take pleasure in the affectionate tones of a beloved sister or mother's voice; and his confusion will involve the truth, that he is not totally insensible to the influence of sound.

This talent, like all others, is susceptible of cultivation. Sometimes also it is enhanced by loss of sight; for it is an acknowledged fact in psychology, that the loss of one sense adds acuteness to the operations of the others.—Music has accordingly been a favorite and successful study with the blind; and some of them have reached an extraordinary delicacy of ear. Thus the celebrated blind mathematician, Dr. Saunderson, could readily distinguish the fifth part of a note, and would have become an eminent musician, had he not preferred to devote his life to mathematics.

It is not wonderful that the mind of man should receive thoughts and feelings from certain vibrations of the atmosphere, caused by the human voice or some stringed or wind instrument! Yet the laws and results of these vibrations are reduced to a science, whose discussions and principles are marked by mathematical precision, whilst the cords and discords that we hear, and the notes made by each instrument or conflict of the vibrations on a musical string.

A string or wire made to vibrate two hundred and forty times, will produce the note C, or Do, which coincides with the note on which the human voice begins to speak or sing, because in making this sound the membrane at the top of the windpipe makes the same number of vibrations. Place your finger on the middle of this string, dividing it into two equal parts, and each part will vibrate twice as often in a second as the whole string did, namely, 480 times, and the note made by each half of the string, will be an octave higher than that made by the whole. It is remarkable that all notes which are octaves of each other, that is, are eight notes apart, harmonize and produce a pleasant impression on the mind, probably because all notes of the same octave vibrate not only in one ellipse between the two ends, but have also an inferior vibration from the middle to each end. All vibrations still smaller are made by subdivisions of the string, into three, four, five, six, seven, eight, nine, and ten parts, made by the subdivisions of a string. It is very remarkable that whilst the octave of any note, is made by cutting into halves the string that makes it, the intermediate notes of that octave are not made by further bisections, but by cutting the string into unequal parts, marked out by the sub-vibrations of the longer string, namely into 3rds and 5ths and 6ths, not into 4ths and 6ths and 7ths! And it is equally remarkable that the human voice exhibits a tendency to change on the same comb, or into the same notes, as is witnessed in the city cries of Gallow-gone, oyster-men and chimney sweeps!

The elements of music are thus impressed on the atmosphere around our entire globe, and together with its impressions are furnished by the Creator for his intelligent creatures, animals, whenever they choose to employ them. Here we see that God is the author of music, and the capacity to derive pleasure from musical sounds, is a striking proof of his goodness. God could have made us capable of language, without giving us any pleasure of sound. As in the organs of taste, he might have so formed us, that hunger would drive us to eat and thirst to drink, without our deriving pleasure from either, but he superadded pleasure to both; so also he added the pleasure of music to the sense of hearing, showing that the design of making life a state of happiness to all sentient creatures, entered into his original creative plan.

This structure of the earth, with its elastic atmosphere of 40 or 50 miles depth around it, presents it as one grand musical instrument, with myriads of organs for strings and pipes, over its surface playing on it, and drawing forth streams of rational and irrational parts, the symphonies and melodies of which it is capable. On artificial pianos we play by music to the sense of hearing, showing that the design of making life a state of happiness to all sentient creatures, entered into his original creative plan.

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There are other sections of the vocal organs, which together with the relation of the notes to time and force of utterance, distinguish the music as grave or cheerful, soft or loud, ascending, descending, &c.

Some irrational animals can execute notes more grave or acute than man. The lion can utter a deeper bass, and the bird a higher and finer note than man. Some birds can give a warbling tone to their notes, not fully attainable by the human voice. Who does not remember the universal admiration, with which the far-famed Jenny Lind was heard, in her time, to sing, and to execute the warbling of feathered songsters, especially in her bird-song, which filled with ecstasies the admiring thousands that crowded her performances?

The science of music is based on the elasticity of the atmosphere, and the impressions made on it by the vibrations of musical strings or pipes, or the elastic membrane at the top of the singer's windpipe. The number and frequency of vibrations and consequent coarseness or fineness of the notes depend on the length, thickness and tension of the strings. Much human voice is capable of making with ease several separate and distinct notes, each higher, or finer, or more shrill than the other. Female voices are finer than those of males. The key note, with which females naturally begin to speak or sing, is eight notes, or an octave, higher than that of males. But whilst the human voice can naturally make little more than one octave of notes with ease, various musical instruments are so constructed as to make many more octaves. Thus ordinary pianos contain seven repetitions of these seven notes, that is, seven octaves. Stringed instruments each one of all these forty-nine notes, is caused and distinguished by a perceptible difference in the vibrations of the strings, arising from their length, thickness and tension. Corals and discords arise from these vibrations of different notes, striking the ear together, or at different and irregular times. When they strike the ear at the same instant, the effect is pleasant and is termed a cord; when at different and irregular times they make a discord, which jars the ear. On this general scale of forty-nine or more notes (7 octaves) the lower class of notes is termed bass, the tenor or the next higher class, then the alto, and finally the treble or highest class. Yet neither of these classes or parts is absolutely confined to any one octave, but each one occasionally runs into higher or lower notes, and the same may be said of the other. In nature, namely, these made by the tenor voice, or natural pitch, and are not the higher and lower octaves of notes only repetitions of the natural octave, by voices or instruments of higher or lower pitch? We leave the decision to those who have made the philosophy of music their special study.

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