THE A Compilerion of

FUNK'S SONS

SINGER'S GLEN. VA:"

CHURGA-MUSIC

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THE HARMONIA SACRA,

A COMPILATION OF

GENUINE CHURCH MUSIC,

COMPRISING A GREAT VARIETY OF METRES,

harmonized for Lour Voices:

TOGETHER WITH A COPIOUS EXPLICATION OF

THE PRINCIPLES OF YOUAL MUSIC.

EXEMPLIFIED AND ILLUSTRATED WITH TABLES,

IN A PLAIN AND COMPREHENSIVE MANNER.

BY JOSEPH FUNK AND SONS.

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" Avp the ransomed of the Lord shall return and come, to Zion with songs and everlassing joy upon their heads; they shall obtain joy and gladness, and sorrow and sighing shall fice away." —Fallar

THIRTEENTH EDITION.

SINGER'S GLEN.

ROCKINGHAM CO., VA.

PUBLISHED BY JOSEPH FUNK'S SONS.

1869.

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PREFACE.

WHEREVER man inhabits the earth the power of music is felt and acknowledged. This influence of sweet sounds, like most other gifts of our bountiful Creator, may be so used as to be the instrument of much good, or perverted to the purposes of deep and extensive evil.*

As it would be a most pernicious error to imagine that the love of music is the same thing with Christian piety, so it would be a mistake of no trifling magnitude, to deny the utility of music in awakening and strengthening our devotional affections. That utility has been demonstrated in every age by the happy experience of those who have aspired to hold communion with the Father of mercies. And it is a fact as consolatory as it is remarkable, that while Christians are lamentably divided in many articles of their faith and practice, they all agree that God should be praised in musical strains; and that, when the heart goes with the voice, this is one of the most delightful and edifying parts of His worship. Hence, in addition to those divine songs with which it has pleased the Holy Spirit himself to fill many a page of the Inspired Volume, and in imitation of them, a great number of the servants of God have employed the talent He has given them, in furnishing materials for this branch of worship, adapted to the manifold situations and emotions of the pious mind. And similar exertions have been made to supply a large and variegated treasure of music, suited in union with those poetic materials, to express and to heighten our religious desires, hopes and enjoyments. By these combined means, we feel more intensely and more profitably, that in God we live, move, and have our being; that all our blessings

^{• &}quot;Musio, though consecrated to the service of the sanctuary, and capable of good improvement in subserviency to devotion, has been, and is often, wretchedly abused to the vilest purposes. It should, therefore, be used in religious ordinances with jealousy and caution, lest it should produce a false fervor, and subservs the cause of vice, delusion, superstition, or enthusiasm."—Dr. Scorr.

are bestowed by his paternal kindness, and that our everlasting welfare results from his redeeming love towards us in Christ Jesus our Lord.

Since the first Edition of the "Genuine Church Music" was brought before the public, some changes in music have taken place; among which, the practice of applying seven different syllables to the seven original sounds or notes of the scale, has gained considerable ascendency, and is worthy of notice. And as this mode of solmization has become so prevalent, we think it advisable to adopt it.

But as we are well aware that the patent note system is far preferable, and has many advantages over the round, we have had the three notes, to which the three syllables, Do, RE, and SI are applied, also characterized in a uniform style with the others, so that the singers are enabled to apply the syllables to them on sight, with the same ease as they do to the four characters. By this method, the repetition of FAW, SOL, and LAW, in the scale—which has been objectionable to some—is avoided, and may be deemed an improvement.

Moreover, as the principal motive and intention in bringing out this work is to promote the cause of religion and devotion, and a solemn, dignified, and expressive style of singing in the Church of God, we have, for the greater convenience of worshiping assemblies, divided it into two parts. The First Part containing a variety of the most appropriate tunes and hymns, of the various kinds of metres to be sung in the time of public worship. And these are arranged in metrical order, forming a series of metres from Long Metre, or Metre First, throughout all the different kinds of poetic measures up to Metre Eighty. This order and arrangement of the metres will be found very convenient for the chorister, in selecting suitable tunes for the psalms and hymns which are to be sung by the congregated worshipers.

The Second Part is composed mostly of longer tunes, set pieces, and anthems, whose rhythmical construction is somewhat more intricate and difficult to perform. These are more particularly adapted to be sung in Singing-schools and Societies, though they all abound with solemn and devotional matter, not unbecoming a worshiping assembly in the house of God.

But notwithstanding the different changes and the new arrangement of matter in this Edition, the great mass of the musical and poetical compositions are identical with those in the former Editions, to which a number of tunes and

hymns of a later date have been added, which we trust will be found of equal merit with those dignified, solemn, and heart-affecting productions of musical genius which have stood the test of time, and survived the changes of fashion. Such music, with its sublime, flowing, melodious style and pathetic expression, will never become obsolete in the House of God; it cannot even lose a particle of its interest, while human nature remains unaltered. No frequency of use can wear out these generable airs with the Zion traveler; no fondness for novelty can make us insensible to their sterling merit. Other pieces which are added, will be found, we doubt not, to possess much attractive beauty, and have been selected with a view to the singing of "Psalms and hymns and spiritual songs," constructed in a vast variety of poetic measures.

The Rudiments and Elucidation of the science of Vocal Music, which succeed this preface, have cost us much research and labor; and for the acquisition of which, many standard works on music, both German and English, have been consulted, together with our own knowledge and experience, gained from teaching for a long series of years. And no pains have been spared, to lay before our readers, in a plain, familiar, and comprehensive style—illustrated by examples and tables—every thing that is necessary in acquiring a practical knowledge of the science of Vocal Music.*

In conclusion, that this work may be instrumental in promoting in some degree, the praises of Him, the Triune God and everlasting Father, whom angels adore, and to whom all the redeemed incessantly sing high hallelujahs, is the fervent wish of

THE COMPILERS.

^{*} Although this work is principally intended for vocal performance, as the notes are formed in a different figurate manner, to facilitate the learner in applying the syllables to them; yet its elementary principles are equally applicable to instrumental performance, as they go hand in hand. The pitch of a note is the same whether it proceed from the vocal organs, or from the pipe or string of an instrument or any other sounding body. The scales of vocal and instrumental music—their tones and semitones, with all their intervals, both major and minor, and the letters which represent them are the same; as also the common chord with its inversions, and the inversion of all the intervals of the diatonic scale.

TO TEACHERS. ---:0:----

The position of a teacher of sacred church music is an important and we cannot see that much less reprehension is due to the same carriage in highly responsible one. He should be prepared and qualified to teach a school of Psalmody. To have no ear, no relish for the beauties of and instruct his class in the elements of music, with correctness and fa- harmony, is a defect which those who labor under it should certainly not cility, both in theory and practice, and to do this he should make it his be forward to betray. We can at best only think of it with compassion. object to become as familiar as possible with the method of instruction. But when a stupid contempt of music obtrudes itself into a school, with and of imparting knowledge in an easy and familiar manner. He should the additional deformity of injustice, bad breeding, and the scorn of be deeply imbued with the desire of doing good, and of refining the taste sacred things, it deserves the utmost severity of censure. and prepared for the service and participation of that holy place.

light carriage in the church deserves severe rebuke; and for our part vanish.

and elevating the affections. Music should be with him not merely an It is an obvious principle in every department of religious worship, entertainment, a pastime, or a means of support; but as a talent to be that emotions should be unfeigned. They should not be suffered to rise used for the service of Him to whom angels sing their high hallelujahs, merely through gratified taste, but be made to spring up in the mind and who gave it to man therewith to praise Him who is worthy of all while it is employed in the contemplation of holy things. This imporhonor and praise. Hence singing-schools of sacred Psalmody should be tant distinction will not be preserved in the hours of devotion, where it conducted in such a manner as to prepare its members to engage in has been neglected in the seasons of practice. It requires specific religious praising God acceptably in song; and although it is not a direct place training in schools and family circles: and will not be maintained in any of worship, it certainly is a place where its members should be trained other way. Habit has its influence in devotion as in other things. The deportment of singers and teachers during the hours of practice, there-A school of sacred vocal music has so far a resemblance to the house fore, becomes a matter of great moment. To cultivate the praises of the of God, that it is a scene from which all levity should be hanished far highest God, is a solemn work, and should ever be so regarded. Volaway. During a great part of the time spent in our employment, we umes would fail to show the importance of this principle. How, then, are singing words of the most solemn and devotional import. And is such can any teacher of devotional music dare to treat it with neglect! Yet an avocation to be contemplated as a mere unmeaning form, or to be this neglect seems to be almost universal. No wonder that the friends trifled with as a despicable jest! It is impossible, if the heart possess and cultivators of the art have so many difficulties to encounter. Let any reverence for God and religion. All decent people admit that a their efforts be fully Christianized, and the difficulties will be seen to

VOCAL MUSIC.

COME youth, and with profundity explore This sacred science; ponder and adore The beauties which in Harmony abound,

And the exalted rapture of sweet sound: Direct your thoughts to those harmonic lava, And in poetic numbers your CREATOR praise.

CHAPTER I.

OF MUSIC AND MUSICAL SOUNDS.

Section 1.—Music is composed of sounds produced by the human voice or by different kinds of musical instruments.

These sounds vary in pitch according to certain fixed and determin-

ate degrees.

The pitch and gradation of these sounds from the lowest or most Power. grave to the highest or most acute, form the whole scale of musical sounds.

A combination and succession of these sounds, sweetly tuned and performed in rhythmical order, have, by their rich, mellifluent, melodious, and harmonious progression—their sweetly moving accents and flowing numbers, a benign, winning, and powerful influence over the human mind.

Sec. 2.—The Natural Scale of musical sounds, though its extent is unlimited, consists only of seven primary notes. For it is found that after singing or playing these seven notes, if we continue the series, we repeat another scale similar to the first, and so on, as far as the extent of the voice or the instruments will go.

The voice in producing these sounds naturally passes from the first sound taken a step to the second; from the second a step to the third; from the third a half-step to the fourth; from the fourth a step to the fifth; from the fifth a step to the sixth; from the sixth a step to the seventh; and from the seventh a half-step to the eighth, which completes the Octave, and is the first note of a succeeding scale.

Note.-The whole range of human hearing comprised between the lowest note of the organ, and the highest cry of known insects, seems to include about NINE OCTAVES, which will extend to sixty-four diatonic intervals.

Sec. 3.—There are three distinctions made in musical sounds; 1st, they may be high or low; 2nd, they may be long or short; 3rd, they may be loud or soft.

These three distinctions of sound embrace Pitch, Length, and

Pitch regards a sound as high or low; Length, as long or short; and Power, as loud or soft; and these three distinctions form the essential property and peculiar qualification of good musical sounds.

On these three distinctions are founded three departments, namely, MELODY, RHYTHM, and DYNAMICS or Musical Elocution, which departments will be noticed and treated of in their proper places.

Sec. 4.—The doctrine of music may be arranged under six different heads: 1. Notation; 2. Rhythm; 3. Intonation; 4. Melody; 5. Harmony; and 6. Dynamics or Musical Elocution. But such is the nature of music, that the different heads or departments cannot be treated separately and apart; but by their close connection, they will be intermingled in theory and practice, though in the main they may be considered separately.

Note 1. By Notation are given or represented all the marks and characters appropriate for the purpose of writing music, with their signification and use."

- 2. RHYTHM is the division of time into short portions, by a regular succession notes. The position which the notes occupy on the staff represents of motion, impulses, and sounds, with regard to measure, accent, emphasis, and cadence; and flowing numbers, in the uniou of music and poetry.
- them on an instrument, according to fixed degrees of sound, and giving a correct sound to all the diatonic intervals, the triads and their inversions, and all the disjoint intervals in the whole scale.
- 4. Melony is an agreeable succession of single sounds in a piece arranged according to the laws of Intonation and Rhythu, so as to be musical and pleasing to the ear. Melody and Intonation are closely connected.
- 5. HARMONY is an agreeable succession of chords, or concordant notes, in two. three or four parts, moving together according to the rules of progression, which produce a diversity of flowing sounds highly pleasing, attractive, inviting and delightful.
- sound, stress, and modulation of voice which the subject of the poetry requires, in relation to loud or soft, strong or mild, and the swelling or diminishing of the sounds or notes.

QUESTIONS.

Of what is music composed?-How do these sounds vary?-What forms the whole scale of musical sounds ?- Has the scale of musical sounds any limitation ?- Of how many primary sounds does the scale consist?-If there are only seven primary sounds, how can the scale be unlimited ?-What is the order in which the voice produces these sounds ?-How many distinctions are made in musical sounds? - What is the first distinction? - The sec ond ?- The third ?- What forms the essential property of good musical sounds ?- What departments are founded on these three distinctions ?- Under how many heads is the doctrine of music treated 3-What are those six heads?

NOTATION.

OF THE STAFF, CLEFS, LETTERS, &c.

Sec. 5 .- The pitch of musical sounds or tones is represented by a char-

the pitch, and the notes, by their relative value, the length of sounds.

The staff consists of five lines and four spaces. Each line and each 3. Intonation is practising the notes of the scale with the voice, or playing space is called a degree of sound; thus there are nine degrees of sound on the staff. When more than nine degrees are wanted, the spaces below and above the staff are used; and if a still greater compass is wanted, additional lines are used, called leger or added lines.

THE STAFF WITH ADDED LINES.



Sec. 6.—Each part of music has a separate staff, and these differ in 6. Dynamics or Musical Electrics consists in giving each tone or note that pitch. Hence to adjust their pitch, and to distinguish them, characters are used called Clefs. There are two clefs in common use, the F clef and the G clef.

> The F clef represents F, the fourth line of the Base staff, and the seventh sound of the General Scale of music.

> The G clef represents G, the second line of the Tenor staff, and the eighth sound of the General scale. It is also used on the second line of the Treble and Alto staffs, representing G also, and the fifteenth sound of the General Scale when sung by female voices.

EXAMPLES OF THE STAFES AND CLEES.

Base Staff and Clef. Tenor Staff and Clef. Treble Staff and Clef. G-Clef-15, -

Note.-It is ascertained that the interval between the male voice and the female is exactly an octave, which is the most perfect chord in the scale of muacter called a Staff. The scale and music are written on the staff with sie. Hence, as the Treble is principally assigned to female voices, it is placed an octave higher in the General Scale than the Tenor. From this we learn that the ALL-WISE CREATOR has implanted harmony between the sexes of the human race. [How happy would all those be who stand together in matrimonial relation, if they would observe, by a pious life, and a holy conversation, in Christian love, to fill up the interval of life with sweet harmonious chords, so that no dissonant or jarring string might vibrate between them !]

formed simultaneously, they are united by a character callen a Brace, of these notes, they have also a distinct figurate form whereby the syllaand form a Score. The score may, however, consist of two, three or four bles do, re, me, faw, sol, law, and st are applied to them in solmization parts. When two parts only are united, it is called a Duet; when three individually, on sight—their form indicating the syllable which is apparts, a Trio; and when four parts, a Quartet.

EXAMPLE: Score of TRIO.

ures in the movements of Common, Triple, and Compond time.

with C, in the following manner:

Sec. 10 .- But as letters are not calculated to show forth and adjust the length of sounds, the proper length is indicated by the form of cer-Sec. 7.—Brace.—When music is written on these staffs, and per-tain characters called Notes. And hesides the rhythmical representation plied to them.

And as these syllables are always used in the scale in the same relation and invariable position to the key, they form a strong and inseparable association with the proper pitch of the intervals of the scale which they individually and invariably occupy. And as they have thus the proper pitch of the intervals of the scale associated with their names, it is of great service to the vocal performer, to have them communicated to the mind on sight, as thereby he will be enabled to strike the proper interval of the scale on sight of the note, and be relieved of the irksome task of finding the name by calculation, in every change of key. See those notes with their corresponding Rests, exemplified by the following Table. [See table next page.]

Sec. 3.—Numerals.—Numerals are used to point of the different As these notes, by their names—as a whole note, a half note, &c., degrees of sound in the scale of music. They will als be exclusively indicate to the mind, their proper relation of sound; and by their heads, used in this work, in a fractional position, to indicate the lifterent meas-stems, hooks or dashes, represent to the eye, the same relative length, it is almost superfluous to state, that one semibreve is equal in duration of time, to two minims, or four crotchets, or eight quavers, or sixteen Sec. 9. LETTERS. - To represent the seven original sinds of music, semiquavers. For it is evident that as many parts as the whole note is the first seven letters of the alphabet are used, namely, J. B. C. D. E. divided into, so many of these parts it will take to amount to the same F. G. These letters are placed on the staffs in alphietical order, whole note again. And if we allow four seconds of time to sound out the counting upwards from the lowest. The natural diator scale of the whole note, we must allow but two seconds for the half note, one for minor key commencing with A, and that of the major ke commencing the quater note, half a second for the eighth note, and a quarter of a second for the sixteenth. This is the invariable proportion and comparative relation in which these notes stand to each other; a strict observance of which is of the highest importance, both to the vocal and to the in-these notes are, however, too quick and short for sacred music, and can easily strumental performer.



RESTS are marks of silence, and are named after the notes which they represent.

Note 1 .- Other notes are sometimes used, as a thirty-second and sixty-fourth; be dispensed with.

A note called a Breve, from which the semibreve derived its name-was also formerly used: but this note is too long and heavy a sound for any musical expression.

Note 2 .- Nothing can be more certain than the fact that there is a true and inseparable union and association formed between these syllables which are applied to the notes and the proper pitch or sound of the intervals which they respectively and invariably occupy in the scale. For on this fact is founded the whole doctrine of transposition, and of transposing with the keys, the syllables with the notes, in their relative position to the keys. And it is evident that when the diatonic scale, which consists of tones and semitones, is sung to a series of notes and syllables always applied in the same order and relation to those tones and semitones, as they stand in their fixed position in the scale, that such an association will unavoidably be formed between them.

And hence arises the utility of having the notes characterized and formed in such a manner as to communicate by their different forms, the syllable which is applied to them individually, so as to enable the singers to strike the proper pitch of the sound or sight of the note. And is it not strange that any should deny the usefulness of the character notes by which the syllables are known by the forms of the mes, when common sense and sound reason dictate that it opens and paves a lighway for the student of vocal music to travel on, and to pursue his course with pleasure till he has acquired a complete knowledge of the science of nusic. And is this in any wise degrading to the science-diminishing its valu-or robbing it of its intrinsic merit? By no means. It is adorning it with te vesture of simplicity, the richest dress in which it and its sister sciences ca be arrayed. And in proof of this, let us cast our eyes to other arts and sences, and see what has been done by the use of different characters, to pay the way for instruction, and to communicate to the mind correct ideas of who is to be inculcated and taught, and we will find an almost endless variety c characters, figures, cuts, drawings and delineations used to facilitate the leader in his progress in gaining scientific knowledge.

Do not the Leicographers, WALKER and WEBSTER, in their famed Dictionaries-which ar taken as standard works-use many different characters, to convey to the and on sight a correct pronunciation of the words and the proper sounds of thetters,-all of which might be acquired by a reference to grammar rules? Ad is there less propriety for the singer to have the correct sound of the notes eveyed to the mind on sight, by characters which might otherwise be acquirl by having reference to the rules laid down in the science; which is, by pking a calculation from the key?

Note 3 .- Rests are essential to music, in order to keep the accent in its prop- The pause is also used over Rests which need lengthening out; as them, till they arrive at the place where their own parts unite again. This is music and poetry. far preferable to poring over their own staff and measures of silence, by which is gained but little improvement.

Sec. 11 .- Notes become subject to some variation by having additional characters annexed or added.

A dot or point (.) placed after any note, adds one-half to its original length. Thus a dotted whole note is equal in length to three half notes; a Tie; or grouped together by hooks or dashes. All the notes thus a dotted half note to three quarters, and so on.

Four dots between the lines of the staff, mark the place from whence a strain or piece of music is repeated.

EXAMPLES :



Sec. 12 .- A Pause () placed over or under a nie protracts or lengthens it out about one third longer than its origina time: though this protraction may be longer or shorter according to the expression of the poetry, and the taste of the judicious performer.

tary rest, is highly ornamental.

of poetry, and agrees with its final pause, which, in reging is marked with a suspension of the voice.

er place in the measure; and if sparingly used and skilfally observed, give valety benty, and expression both to music and poetry. When long intervals between two measures. Some of the most striking effects depend upon of silence occur in any part of the score, let those on the silent part, for their own improvement, notice the parts which others are singing, and mark the time with this character, and when well performed, it adds strength and beauty to



Sec. 13 .- Notes are frequently tied together by a circular line called tied or grouped, are sung or warbled to one syllable of verse.

If three notes are thus tied or grouped together, with the figure 3 above or below them, they are performed in the time of two notes of the same kind without the figure, and are called Triplets. Triplets, when smoothly and skilfully performed, are ornamental to music.



QUESTIONS.

What character represents the witch of musical sounds?-On what charater A soft, graceful swell given to a paused note, follow by a momen- is the scale and music written?—With what characters is music written on the staff?-What does the position of the notes represent?-How many degrees of The pause is frequently used on the note of the last slable in a line sound can be written on the staff?—What is done when more than nine degrees of sound are wanted ?-If a still greater compass is needed ?-How many clefs are in common use?-Why are they called the Felef and the G elef .- How many sounds does the octave contain ?-What is a score?-How many letters of the alphabet

are used to represent musical sounds ?-How many original sounds are there in music ?-How many notes are in common use ?-How are the notes named ?-What is the form of the whole note ?-Ans. An open note without a stem .- The half note? A. An open note with a stem .- The quarter note? A. A black note with a stem .- The eighth note? A. A black note with a stem and one hook .- The sixteenth note? A. A black note with a stem and two hooks .- What is the use of nests ?- Has each note a corresponding rest ?- How much does a dot add to a note ? -What do dots indicate when placed on the staff?-What is the use of the pause? -()n what note is the pause most frequently used ?-What is a tie ?-A group ?-A Triplet?

CHAPTER III.

OF SHARPS, FLATS, NATURALS, &C.

Sec. 14.—The diatonic scale consists of five tones and two semitones. These are sometimes called steps and half-step, because the voice steps bar, and the double bar. When a short bar is added to the broad bar, along through the scale from one interval to the other; but the interval it forms a close. of a semitone is only half the distance of the interval of a tone. And to adjust the semitones and always keep them in their fixed position in the scale, throughout the course of transposition three characters are used -a Sharp (#), a Flat (b), and a Natural (5). A sharp raises a letter or note a semitone; a flat depresses a letter or note a semitone; and a natural restores a letter or note thus sharped or flatted, to its original sound. When these characters occur, in the course of a piece of music, . The commorbar is used to divide the staff into equal timed measures they are called Accidentals, and operate only on the notes before which according to the measure note or notes, of either Common, Triple or they are placed.

operate on all the notes of the letters which are thus sharped or flatted, poetry. But sthat frequently falls in the middle of the regular measthroughout the tune. Thus they prepare and adjust the tones and the ures of the sta, it is omitted by others. However as the last syllable semitones for the new key, and become the signature (or sign for the key of each line o poetry is distinguished by the final pause, which marks note) to the tune. And when accidentals occur throughout the tune, the bounds of the metre by a suspension of the voice, there can be no on the letters thus sharped or flatted, they are raised or depressed, as impropriety i using it to point out that important syllable or word. the case may require, by a natural.



Sec. 15.—Bars.—When music is written on the staff, it is divided into measures by a character called a Bar.

There are three bars in use on the staff-the common bar, the broad

EXAMPLES:										
Common Bar.	Broad Bar.	Double Bar.	Close.							

Compound mesures.

When sharps or flats are placed at the commencement of a tune, they The broad ar is used, by some authors, at the close of each line in

The doublebar is used at the end of a strain which is to be repeated

from the mark of repetition. (Example Sec. 11.) It is also used at a note by a bar, or accent expressed or understood. Hence the driving change of measure from Common to Triple, or Compound time, or the note may also be termed a syncope, as it is cut through by a bar, and reverse. Also at a change of mode from major to minor, or the reverse. commences on the unaccented part of the measure, and extends to the Likewise at the commencement of a chorus. accented.

The close is used at the end of a tune or any piece of music.

Appogiatura. The appogiatura is a note of embellishment. It Sec. 16 .- Syncopated and Driving Notes .- A syncopated note is a diminutive note, prefixed to a principal note, and is always on the is the blending of two notes into one, -an unaccented with an accented accented part of the measure. It borrows its time from the principal in the middle of a measure, with the previous accented note of the same note that follows and to which it is tied. As this note produces a flutmeasure tied with it. As this note is struck on the unaccented part, tering sound similar to that of a syncope, it may be brought in at this while the hand, in marking the time, is at rest, and its sound continued place, and classed with the syncopated notes.

over the accented part, while the hand is in motion, the regular movement in that measure is thereby thwarted, or broken in upon, which applied. When a longer note is wanted in a measure than te measure will

contain, the long note is cut through, and one part is put in the next measure, and both parts tied together across the bar : these two notes compose the driving note. Thus two half notes sung cross a bar produce the same sound with a whole note in a measure; a alf and a fourth tied. note across the bar, the same sound with a dotted mini in a measure. The same remarks apply to two fourth notes driven acres a har, and a half note in a measure.

The driving note is sometimes called a syncope—a sylphymous term concordant interval between them, both may be sung at the same with syncopation-both signifying the division, or cuting through a time by different voices.

Passing or Transient Notes .- These are also called ornamental produces a fluttering effect on the note, or on the sillable or word and grace notes. They, too, are diminutive notes, and are used between the essential notes, where they become intermediate steps on the unaccented parts of the measure, in passing from one disjoint interval to another, and thus connect, embellish, and soften those intervals, diminish the roughness of the leap, and direct an easy and graceful movement.

> Choosing Notes .- Choosing notes are set perpendicularly one above the other, either of which may be sung: and as there is always a

They borrow their time from the preceding note to which they are

EXAMPLES : Drivin Notes. Appogiatures. Syncopated Notes.

EXAMPLES: Passing or Grace Notes Choosing Notes.

Note. - Since the diminutive notes in the preceding section are merely ornamental, and not taken in the account in the harmony; and since other graces -so called-arc frequently introduced, in many works, such as the Ace acutura, Cadenza, Grupetto, Mordento, Portemento di voce, Transient Shake, Contin six different measures of time have been brought out, all of which ued Shake, Straemo, and the Turn; the only design of the most of which is, to are marked or expressed by numerals placed in a fractional position. display the dexterity and facility of execution of the performer; and when skiltaily performed, they may be tolerated; but they have no place in music designed. Those of Common or even time are expressed by the fractions 1,2,2,4,8 to exhibit and call forth the emotions of the heart. They have no soul in them. ! 4 4 4 4 Those of Triple or uneven time are expressed by the fractions And when they are reserved for the flight of some functiful, injudicious performand when they are reserved for the might of some amental, injudicious performs 3 3 3 3 3 9 9 9 9 And those of Compound time—which is also an even er, they too often prove the empty wanderings of ignorance and folly. And 2 4, 8, 16, 4, 8, 16 them altogether. They are rather ornamental than graceful, designed to give brilliancy, and not to excite emotions. The imagination may indeed be amused, going measures have, however, gone out of use; but some are still rebut the heart remains uninterested. Such an attempt at display exhibits not tained by some authors, which, when dispensed with, will simplify and only want of taste and judgment, but also want of science. The fact is, that improve the science. If we retain seven different measures of the twennusic resembles every other art; the farther a person advances in the study of ty-six above-mentioned, it will be an ample supply for all the purposes it, the more does he delight in the simplicity of manuer, and the less is he at of music, no natter how intricate the rhythmical construction may be.

QUESTIONS.

Of what does the diatonic scale consist?—What are these tones and semitones ferent measures to which they are invariably used. sometimes called ?- How many tones and semitones are contained in the scale ?-What characters are used to regulate these tones and semitones ?-What effect has a sharp on a letter or note ?-A flat ?-A natural ?-What effect have flats and sharps when placed at the beginning of a tune?-How is the staff divided?-By be assigned three distinct measures; the first will be marked with the what character is the staff divided into measures ?- What, then, is the use of the women character is the stant divided into double use?—The close?—What is a synce-figures 3; the second 4; and the third 4. Of these three measpated note ?-- A Driving note ?-- Appropriatures ?- Passing or grace notes ?- Choosing notes?

CHAPTER IV.

OF RHYTHMICAL MEASURES IN COMMON, TRIPLE, AND COMPOUND TIME.

Sec. 17.—Among the different writers on music, no less than twenty-

Of the seven different measures which will be retained and used in this work, three will be in Common time, two in Triple, and two in Compound.

The numerals used for all these different measures will be placed in a fractional position, to which fractions the whole note will be the integer. Thu the fractions will at once express the contents of the dif-

Sec. 18.-Common or Even Time. -- To Common or even time will ures, it wil, however, be found that the first and second, by their close

connection and commingling, are identical, save that to the first may be assigned a slower movement, as it is mostly employed to the most solemn, devotional, and dignified music for the church of God. These measures are called even, because they naturally divide into even parts—two and four—and have feet of equal or even measured verse applied to them; and in their primitive state will admit of no other feet of poetry; though they may be so arranged and varied in their derivatives, that they will admit all the various metres that are contained in poetry, to be sung to them.

Measures are in their primitive state when they are filled with the notes which the fraction, by which they are marked, expresses. The upper figure, or numerator of the fraction, giving the number of notes which a primitive measure contains; and the lower figure, or denominator of the fraction, points out into how many parts the whole note is divided, and thus specifies whether they be half, fourth, or eighth notes.

Sec. 19.—The three foregoing measures will be illustrated in their primitive state, with a number of derivatives, by the following

	First Measure.	EXAMPLES: Second Measure.	Third Measure.
Primitive.	$egin{array}{cccccccccccccccccccccccccccccccccccc$	4 0 0 0 0	
First Derivative.	2 4 4 0	4 0 4	2 4 4
2.	$egin{array}{c ccccccccccccccccccccccccccccccccccc$		
3.	$\frac{2}{2}$	$\begin{bmatrix} 4 & \circ & \circ \\ 4 & & \end{bmatrix}$	





time, their primitives and their derivatives, the learner will readily discover that sequently, those three notes which fill the measure are half notes. In these measures are alike in nature, and that the first and second are identical, like manner the fraction $\frac{1}{2}$ designates that three fourth notes consti-For, in the third example of derivatives, the derivative of the first is the primitive of the second, and the derivative of the second is the primitive of the first; tute its primitive measure. and in all the subsequent derivatives their measures are alike. They are also the same in their accents, for in many tunes they intermix, having, in some meas-

minim for its measure note, whereas the others have a semibreve; and consequently its rhythmical movement is faster.

Sec. 20 .- Triple or Uneven Time .- To Triple or uneven time will be assigned two distinct measures. The first is marked by the fraction 3; and the second by 3. These two measures are identical in their rhythmical construction, and only differ in the length of their measure notes; the first containing three minims in its primitive measure, and the second three crotchets; in consequence of which, the second flows along more quickly in its rhythmical movement than the first.

These measures are all uneven, because they naturally divide into three equal parts; and thus having an uneven number of notes in their primitive measures, none other than uneven measured verse can readily be applied to them in their primitive state. But they may be so varied and arranged in their derivatives, that verse composed of all the various kinds of feet and metres may be applied to them.

As in Common or even time, so in Triple or uneven time, the fractions point out or mark the contents of the primitive measures. The improper fraction address by its upper figure or numerator, 3, that three notes fill the measure; and the lower figure or denominator.

Note.—In the foregoing examples of the three measures of Common or even 2, designates that the whole note is divided into two parts, and con-

Sec. 21 .- These two measures of Triple time will be illustrated in ures, two minims and one accent; and in others four crotchets, with two accents, their primitive form, and with a number of their derivatives, by the

The third measure differs from the first and second only in that it has a following





Note.—In the foregoing examples of the two measures of Triple time, it may readily be discovered, that in their primitives and in their derivatives their rhythmical construction is the same, save that the first measure is slower in its movement than the second—the first having three minims in its primitive measure, and the second three crotchets. These measures may be so constructed and varied, as to take one, two or three accounts to the measure, according to the requisition of the poetry which is applied. This will be noticed and illustrated in its proper place.

Sec. 22.—Compound or Double Triple Measures.—The Com-

pound measure is an even measure; as two uneven numbers added together make an even .- Two distinct measures will be assigned to Compound time; the first of which will be designated by the fraction 6, and the second by 6. These two measures, like the former, are identical in their rhythmical construction, and only differ in the duration of their time; as the fourth notes are longer than the eighths.

These measures are even, because they naturally divide into two

equal parts, and have two accents in each measure.

As in Common and Triple time, so in Compound, the fractions point out the contents of the primitive measures. The improper fraction designates that six fourth notes constitute the primitive measure; and the fraction that six eighth notes are contained in the primitive measure.

Sec. 23.—See the measures of Compound time—in their primitives, with many of their derivatives—illustrated by the following





Norg .- In the foregoing examples of the two measures of Compound time, it will readily be seen that they are the same in their primitive construction, and. in their derivatives, save that the first contains two pointed minims in a meas- its interest and charm. ure, and the second two pointed crotchets, and, consequently, the second is performed faster than the first. These measures may be so constructed and varied keeping the time, the more fully will the effect of the melody and haras to take two feet of dactylic verse, or two feet of trochaie,

In all the foregoing examples of the primitive and derivative meas-etrated with the feeling to be awakened. ures, in Common, Triple, and Compound time, it will be found, that by the various constructions and rhythmical arrangements of the different as also have different measures of poetry applied, they have not a positive notes and ties, in the various measures, all the different feet of poetry length, but only a relative; yet it is proper that some definite time should may be applied to them, and agree with them in time, accent, emphasis and cadence.

QUESTIONS.

How many varieties of measure are used in this work ?--What are the different kinds of time and movement of these seven measures? Ans. Common or even time: Triple, or uneventime; and Compound time. How many varieties has Common foregoing varieties of measure, is three seconds to the first and second time ?-- Triple ?-- Compound ?-- By what fraction is the first measure of Commou time marked?-The second?-The third?-The first measure of Triple?-The second? measures of Common, and to the first of Triple and Compound time; -The first measure of Compound?—The second?—Is the Compound measure an and the third of Common, and second of Triple and Compound, about even or an uneven measure ?- Ans. It is an even measure, because two uneven one-third faster. numbers added together make an even.—Can these seven different measures be so arranged and constructed in their notes that all the different feet of poetic measures may be applied to, and agree with them, in all their rhythmical construction relativo to time, acceut, emphasis, and cadence?

CHAPTER

OF TIME, ACCENT, EMPHASIS, AND CADENCE.

Sec. 24.—Nothing is more essential to the due performance of music than adjusting the time to the intention and meaning of the poetry.

Some of the most striking effects of music are produced by the change of time.

The slow naturally has a solemn, grave, and serious tendency, and the lively tends to joy and cheerfulness.

Destroy the time, or thwart the measure, and you rob the strain of

The less we are made sensible of anything mechanical in giving or mony be allowed to operate, and the more deeply will the mind be pen-

But as notes are used in different rhythmical measures and movements.

be fixed for all the different measures, in the movements of Common, Triple, and Compound time, as a standard to guide the chorister to a consistent movement in all those measures; from which, however, it may be allowed to vary according to the requirement of the poetry.

Perhaps the most appropriate time which can be assigned to all the

Thus we have six measures-the first and second of Common time being blended into one-all of various rhythmical movements; this being an ample supply for all the poetic measures that can be written.

All the measures of Common time have two beats in the measure: a down beat on the first part of the measure, and an up beat on the second; and when two feet of trocbaic verse are applied to them, they bave two accents, but when only one foot of verse is applied, they have but one accent.

Note .- Some authors and teachers recommend four beats-down-left-right -up-to be given to the measures of 4-1 time; there may be some advantage in this arrangement, and the judicious teacher will decide for himself between fine dense cord of 39.2 inches in length from the centre of the ball to the centre two or four beats.

and one dactylic foot of verse applied to them; but each measure may part of their measures, and consequently to each beat. be so varied as to take two, and even three accents to the measure, with two or three feet of trochaic verse.

the verse be even or uneven-trochaic or dactylic, and two beats to each measure, a down beat on the first part, and an up beat on the fourth.

be so arranged, as to take as many accents as it has beats performed to it: but no accented syllable can properly be sung to a note on which beating of its time. the hand is not in motion, when marking the time. (See chap. 6.)

The first and second measures of Common time are identical in their rhythmical construction, as is evidently seen in the examples of the de-pendulum, with a sliding weight, and set in motion by clock-work, serves to rivatives in chap. 4, sec. 19. But still it may be of some advantage measure time in music. to music to retain them both, and use the first to those pieces, the most verse, and two accents.

Note .- To measure musical time with accuracy and precision, a vibratory pendulum may be used, which may be regulated by the length of its cord, to swing or vibrate to any given time.

a wire or cord, so as to swing backward and forward. And when it swings, it is said to vibrate; and that part of a circle through which it vibrates is called for applying them, both to music and poetry. its are. The vibrations are nearly equal whether it pass through a less or greater space of its are; so that there will be no material difference in its vi lable in a word, or on a note in music, that they may be better heard brations or oscillations, whether it pass siz feet through its arc, or only siz inches. than the rest, or distinguished from them. Every word of more than Hence,

of its motion, or the pin from which it is suspended, will vibrate once every second. The length of this pendulum will vibrate to the beats of the measures The measures of Triple time have three beats to each measure, two of the third movement of Common time, and to the first of Triple, and the secdown and one up. In their primitive state they have but one accent, and of Compound: each of these movements having one second allowed to each

For the first and second movements of Common time, and the first of Compound, the cord of the pendulum must be 88.2 inches long: this makes one The Compound measures have two accents in the measure, whether vibration in one and a half seconds, and vibrates in accordance with those measures which have two beats to the measure, and are performed in three seconds.

The second movement of Triple time has no equivalent in its measure, as it Each of the foregoing measures, in their different movements, may has three beats, performed in two seconds; whereas the third movement of Common time has but two in the same space of time; and, consequently, this requires a cord whose length is but 17 inches, to vibrate in accordance with the

There is now an instrument constructed called a Metronome, which by a short

Sec. 25 .- Accent and emphasis form the essence of versification and of whose measures contain but one foot of verse and one accent; and music. It is from this source that poetry and music derive their dignithe second to those pieces whose measures mostly contain two feet of ty, variety, expression, and significancy. Without these requisites music and poetry would be heavy and lifeless: they would fail to animate our feelings: and the meaning of the verse would be ambiguous and unintelligible. Consequently, as the accent of the music must exactly and invariably agree with the accent and emphasis of the poetry, when united, it makes it indispensably necessary for the learner to acquire some know-A pendulum is a heavy body, such as a piece of brass or lead, suspended by ledge of the nature and propriety of accent and emphasis, and the rules

Accent is the laying of a peculiar stress of the voice on a certain sylone syllable, has one or more syllables accented. For example: the A ball of some heavy metal of about one inch in diameter, suspended by a words music, musical and musically have the first syllables accented: the words become, becoming, and becomingly have the second syllable accented; and the words contravene, contravener, and contravention, or of three syllables. Feet of two syllables are equal, and feet of three have the third syllable accented. Now, when monosyllables, which, syllables an enequal. Consequently, poetry may be divided into two properly speaking, have no accent, are combined with other syllables, parts, namely, equal measured verse and unequal measured verse. Verse and form a phrase, the stress which is laid on one syllable, in preference of equal measure consists of feet of two syllables, and verse of unequal to another, is called emphasis; and thus emphasis, in monosyllables measure consists of feet of two syllables. Each of these measures may supplies the place of accent, and is the same with it in dissyllables and be subdivided into two parts; the first or equal measure into Trocharc polysyllables.

Apagentic measure consists of the explables of three syllables and and Lamburg, and the second or unequal measure into Dactylic and Anapagent in the same with it is dissyllables.

Sec. 26.—Time in music and poetry is the quantity or length by which is assigned to every particular note and syllable its due measure, without making it either longer or shorter than it ought to be. There the first syllable of each foot accented, and the last unaccented. Are two kinds of time in music, namely, Common or equal time, and the first syllable of each foot unaccented, and the last unaccented. Verses of Iambic measure consist also of feet of two syllables, having the first syllable of each foot unaccented, and the second which is laid on particular parts of the measure, the regulation of which accented.

must agree with the measures of poetry into feet, where the accent is laid on particular syllables, by means of which the voice steps along the first syllable of each foot accented, and the last two unaccented, through the verse in a regularly measured pace, which is delightful, musical, and pleasing.

Verses of Dactylic measure consist of feet of three syllables, having the first syllable of each foot accented, and the last two unaccented, having the first two syllables unaccented, and the last accented.

EXAMPLES:

TROCHAIC FEET OF POETRY WITH MEASURES OF MUSIC.

Beau-ty Boun-ty Kind-ness E-ven Friendly Goodness Ho-ty Kind Thankful Prodence Love-ly Dn-ty Endless Or-der Constant Good. On the tree of life e ter-nal, Man, let all thy hopes be stad, Whichas lone for ever ver-nal, Bears a leaf that shall not fade.
LAMBIC FEET OF POETRY WITH MEASURES OF MUSIC.
Be-friend Become Allend Compare Comply De-light De-lay Improve Engage Forgive Remind Return Re-form Remain Su-preme Sustain
Great God, Indulge Inyhum- ble claim: Be thou Inyhope, Iny joy, Iny rest; The glo ries that compose thy name Standall engaged to make mebbest.



In the foregoing representations, where the poetic measures are divided But as the first part of the musical measure is invariably accented, and into their respective feet of two and three syllables, the words used at the last part unaccented, it will be discovered, that, the head of each of their divisions represent by their accent, the respective feet of poetry and measures of music to which they belong. Thus common bar, and the first syllable of each foot put in the last part of the Trochaic foot is represented by the dissyllables, beauty, bounty, the measure, and the last syllable in the first part, as may readily be seen kindness, &c.; the Ianabic, by befriend, become, attend, compose, &c.; in the example. And thus the accent of the poetic feet and of the must be accented in their proper places. In the example of Ianabic, by defined, become, attend, compose, &c.

In the example of Ianabic measure the feet must be divided by the tive feet of poetic feet and the last syllable of each foot put in the last part of the Trochaic foot is represented by the dissyllables, beauty, bounty, the measure, and the last syllable of each foot put in the last part of the Trochaic foot is represented by the dissyllables, beauty, bounty, the measure, and the last syllable of each foot put in the last part of the Trochaic foot is represented by the dissyllables, beauty, bounty, the measure, and the last syllable of each foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of the Trochaic foot put in the last part of t

In the example of Trochaic feet, it will readily be seen, that the act the first part; but, cent of the poetry, in each division, agrees with the accent of the music. In the example of Anapaestic feet it will be discovered that the

the unaccented part of the musical measure, and the accented syllable the four principal feet. the accented part.

The preceding are the principal feet and measures, of which all species of English verse wholly or chiefly consist. These measures, however, are capable of many variations, by their intermixture with each other, and by the admission of secondary feet. From this intermixture propriate length of the first two measures of Common time and the first measure it is, that we have such a variety of metres.

Note .- The secondary feet of poetry are-

- A-men, pale moon,
- 2. A PYRRUIC, having both the words or syllables unacconted, as on the high rock-
- 3. An Amphibrach, having the first and last syllables unaccented, and the middle one accented, as in the words, de-light-ful, a-mend-ment.
- 4. A TRIBRACH, having all its syllables unacconted, as in the words, nu-me-rablc, va-ri-a-ble, con-quer-a-ble.

The Spondee and Pyrrhic are both feet of two syllables, the one having both Trihrach are both feet of three syllables, the one having all its syllables unaccented, and the other the first and third unaccented, and the middle accented. Hence.

dent from the fact that the Spondee has both its syllables accented; and the Pyrrhic and the Trihrach have all their syllables unaccented; consequently, the the measure of the Pyrrhic and Trihrach would each form a line in succession.

foot of poetry must be divided by the bar, and the first two syllables cossion of its feet, form a line of one accented syllable and two unaccented ones, of each foot put in the last part of one measure, and the last syllable in and thus lose itself in the Dactylic or Anapaestic measure. Hence, it is evident that there can be no poetry formed of the four secondary feet alone; hut the first part of the next; so that the two unaccented syllables possess that they only tend to improve, enrich, beautify, and diversify the poetry of

QUESTIONS.

Have notes a positive or only a relative length?—May not some positive length of time he assigned to them and to the different measures ?- What is the most apof Triple and Compound ?- How much faster should the last measures of their movements be sung?—How many accents have the measures of Common time?— The measures of Triple ?-Of Compound ?-Have their measures more or less accents according to their rhythmical construction?-How many accents can each 1. A SPONDER, having both the words or syllables accented, as in the words measure take? Ans. As many as it has beats. - How many heats are given to the measures of Common time ?-To Triple ?-To Compound ?-What is accent ?-What is time in music and poetry ?- How is poetry measured ?- How many different feet of poctry are there in music?

> -:0:---CHAPTER VI.

ON MARKING OR BEATING TIME.

Sec. 27.—For the purpose of performing music in its proper time, as syllables accented, and the other both unaccented; and the Amphibrach and it steps forth with its flowing numbers through the various rhythmical movements, it is necessary to measure the time as it flows along. This measurement is performed by the singers with a motion of the hand No piece of poetry can be formed by the secondary feet alone, which is evi- down and up, in regular process of time, principally on the accented part or parts of the measure. For this marking of the time, the right hand should be used, and the motion of it should be so quick as to allow Spondaic measure would form a line in succession of all accented syllables; and the rest to be equal with the motion. The first part of every measure, of all unaccented syllables. The Amphibrach measure, as it has the first and in all the various movements, has a down beat. In the measures of third syllables unaccented, and the second accented, would, by a regular suc- Common time which contain four fourth notes, there is a down beat on the first, a rest on the second, an up beat on the third, and a rest on the fourth, -up on the fifth, and rest on the sixth; thus it has an accent fourth; and when these measures have but two notes, the rest of the to every beat, and the hand and the accent still move together. hand should likewise be equal to the motion.

In the measures of Triple time, where there are three beats in the measure, two down and one up, the rest of the hand should likewise be equal with its motion. And in the measures of Compound time, the rest of the hand should be double to that of its motion; for where there are six quarter notes in a measure, there is a down beat on the first, a rest on the second and third, an up beat on the fourth, and a rest on the fifth and sixth; and in all the various forms of the measure, the rest should be double to the motion. And as there is a down beat on the first part of every measure in all the movements of time; so all the measures in the various movements and rhythmical constructions, have the first part accented; and thus the hand and accent of the voice move together.

foot of trochaic verse, they have but one accent, which is on the first part; but when they contain four parts, with two trochaic feet of verse, they have two accents, which are on the first and third parts of the measure, being the same parts on which the hand is in motion. And thus the hand and the accent of the voice still move together.

The measures of Triple time, when in their primitive state, have but one accent, which is on the first part; and in that state they take one foot of dactylic verse. But they may be so constructed as to take two and three accents and two and three feet of trochaic verse. For, where the measure contains two crotchets and two minims, and has two feet of trochaic verse applied, it has two accents, one on the first part, which falls on the first crotchet, and the other on the second part, which 4falls on the first minim; and when it has six crotchets, and three feet of

Trochaic verse applied, it has three accents—one on each part of the measure, which is on the same part the beat is performed in marking notes, and has three Trochees-six syllables-applied to it; and the first the time. In marking this measure we bave a down beat on the first Compound measure has the same number of quarter notes and two Daccrotchet, and rest on the second—down, on the third, and rest on the tyls applied to it—also six syllables; but in their rhythmical movements

The measures of Compound time have two accents and also two beats, which fall on the first and fourth parts. They contain either two feet of dactylic verse, or two feet of trochaic, according to their construction.

Sec. 28.—The Compound measure is an even measure; it can take two threes-or two feet of unequal measured verse; but cannot, like Triple measure, take three twos, or three feet of equal measured verse. And notwithstanding the equal quantity of notes which fill their measures, they differ widely in their rhythmical movements,the one taking two threes, with two accents and two beats; and When the measures of Common time contain but two parts, with one the other three twos, with three accents and three beats, as in the following



In the above example, the first Triple measure contains six quarter

there is a wide difference in this and the following measures, as indicated by the abbreviatures. In these examples will be used the following abbreviatures, viz.: d will stand for down beat; u for up beat; and r for rest. The dash (--)

Sec. 29.—Since a practical knowledge of time and accent, and of beating time with accuracy, according to the movements of the various measures, lies at the foundation of correct performance, and is the most important requisite we will illustrate it more clearly by the following examples.

In these examples will be used the following abbreviatures, viz.: d will stand for down beat; u for up beat; and r for rest. The dash(-) marks the accented note, and the semi-circle (\circ) the unaccented. The numerals point out the parts of the measure according to their divisions. For the poetic feet written in each measure, and their respective accents, see sec. 26, with examples.

EXAMPLES OF COMMON OR EVEN TIME. (See Sec. 30.)

			()	
	Trochee Two Trochees.			Mixed. Trochee.
Hith-er, ye fa	faithful, haste with songs of	tri - umph, To Beth - le hen	go your Lord of life to n	aeet. To you this day is
d u r id	duider ur	duridur	drurldu	du d'ur d'ul
1 1 3 4 1	1 2 1 2 3 4	1 1 3 4 1 3 4	1 2 3 4 1 2 1	12 1 3 4 1 1 2
	- 0 - 0 - 0	- 0 0 - 0 0		0 - 0 0 - 0
1 . 4 4 1			1 4 - 4 1 - 4 1	
0				
# 3	· · · · · · · · · · · · · · · · ·	D 0 .	B 4 1	
(= #2				
J				6
Two Trochees, Dact	tyl. Two Trochees.	Dactyl. Two Trochees.	Dactyl. Two Trochees.	Trochee, Trochee.
		wor-ship, O come and let us		wor-ship at his feet.
d r u r dr u		d u r d r u r		d n r d u d u
1 2 3 4 1 1 2 3	3 4 1 2 3 4	1 3 4 11 2 3 4	1 3 4 1 2 3 4	1 2 1 1 0 1 0
1 2 3 4 12 3	3 4 1 2 3. 4	1 3 4 1 2 3 4	1 3 4 1 2 3 4	1 3 4 1 2 12
- 0 - 0 -0 -				
	_ 0 _ 0 _ 0	0 0 0 - 0	L	- 0 0 1 - 1
c=	_ 0 _ 0 _ 0	1- 0 6 1- 0 - 0		
				Harran

is marked for two half notes to the primitive measure; and yet there when it consists of four quarter notes, it has an accent on the up beat are six measures with four quarter notes. Now the measures which also, and contains two feet of trochaic verse. All the measures can contain two half notes have one accent, and one foot of trochaic verse; itake as many accents as they have regular beats; and no measure and those which eontain four quarter notes have two accents, and two should have more beats than it can take accents. feet of trochaic verse, and yet they move smoothly and sweetly together throughout this example are found measures containing one, two, throughout the whole tune. Each of these measures has two beats—three, and four syllables of verse—all combined in one piece of music, one down and one up. There is an accented down beat on the first part of every measure, in all the movements of time; and when the accent, and embrace one foot of trochaic verse, and others one foot of measure contains two half notes, there is an unaccented up beat, as inductylic. Other measures have two accents, and two feet of trochaic

Sec. 30.—In the foregoing example of common time, the movement that state it has but one accent, and one foot of trochaic verse; but

verse. Hence we see how various the measures, in the self-same tune measure, they are not swelled, but smoothly lengthened out, because they fall may be formed, in their rhythmical construction, to answer the purposes on such parts of the measure as cannot be accented.

of the various kinds of poetic numbers, and still retain a uniform movement and regular beat on all the accented parts of the measures. Hence observance of the accent that the poet is led and guided through the meaalso the propriety of giving only two beats to the measures of all the cian, in the construction of his musical measures and rhythmical promovements of Common time, which are nothing more than primitives; are so this cian, in the construction of his musical measures and rhythmical progression.

and derivatives to each other, and should, in all cases, be treated as such.

(See examples, Sec. 19.)

Note.—It is proper here to observe, that when a measure in 4 time has a pointed crotchet in the first part of the measure, the point is swelled out, as it falls on the second part of the measure, which is frequently accented; but the three has a 4 time there are pointed crotchets in the first or second part of the measure, and others have one foot of trochaic verse, by uniting the two crotchets of the first and second parts of the measure into one minim.

EXAMPLES OF TRIPLE OR UNEVEN TIME. [See Sec. 31.)



EXAMPLE THIRD.

Wbat u 3	Three T less than the d r d			Trock word, d d 1 2				e Troc art fro r 2	hees. mearth u 3	and r	dust, d d d 1 2			ree Troc cleave t d r 2 — °	chees. thee,my ur 3	Trochee. Lord, My d d u 1 2 3 — 0	Thi life, my d r 1	ree Troc treasure d r 2		trust. d d 1 2
6 pp 3	B 59 8	0 1	, >	0	0	>	0			9	-0-	D	4-6			0 0	• •	0	0 0	

EXAMPLE FOURTH.

Iambus. Iambus. Iambus.				
The Spir- it of re-deem				
	du ddu ddu dd n			
3 1 2 3 1 2 3 1			3 1 2 3 1 2 3 1 2 3 1 2 3 1 2	
0 - 0 - 0 -	_ 0 _ 0 _ 0 _ 0 0	- 0 - 0 - 0	0 - 0 - 0 - 0 - 0 - 0	
9-55				
4			0 0	

In the Second example the movement is also in Triple time, where save that the measures vary in their rhythmical construction; some of the measure has two accents, and two feet of trochaic verse applied which have three accents and three feet of trochaic verse; and others to it. By the abbreviatures the pupil will see that one foot of verse is one accent, and one foot of the same verse contained in them: all of sung to two crotchets, and another to the two minins which are in which is clearly seen by the abbreviatures in the examples. (Sec. 29.) a measure; and thus the first crotchet, which occupies the first part of the measure is accented, and the second unaccented; and the first measure as in the first, except that in these measures the first and minim, which occupies the second part of the measure is accented, and second parts of the measure are united in one note and sung to one the second which occupies the third part is unaccented. In this meas-syllable; thus including one trochaic foot, whereas in the first examure there is a down beat on the first crotchet, and a rest on the second, ple the measure is in its primitive state, and embraces one foot of dacand again a down beat on the first minim, and an up beat on the tylic verse. Both these measures are, however, subject to the same second. When the hand beats on a minim, its rest should be equal accentuation. Hence we see that the Triple measures are subject to with its motion.

In the Third example we have the same movement as in the second poetic measures.

EXAMPLES OF COMPOUND OR DOUBLE-TRIPLE TIME. (See Sec. 32.)

EXAMPLE FIRST.		

			- 1					acty					roche		1	7	'wo	Dact	yls.		T	roche	e.	1	Т	wo I	acty	ls.		Tro	chee	1	T	wo Da	actyle	١.	4		
		Ho	w	le -	diou	is a	nd	taste	- le:	88 1	he	hours			Je ·	sus	no	lon	• get	· I	see			Į								1.					. 1		
		Swe	et	pro:	pect	18,81	vee	t bird	s an	dsw	cet	flow'	rs, H	ave	all	lost 1	beir	swe	etnes	s to	me		'he	mid	-som	-mer	sun s	hines	s but	dim	The	fie	idsstr	rive in	vain	to lo	ok	gay	
		1	1	d	г		Ē.	u	1		r 1	d	1	D	d	ŗ	r	u	r	r	d		u	d	r	r	u	r	г	d	17	14	г	r	u	r	r	d	
		;	2	1	2		3	4	é)	6	1		5	1	2	3	4	Э	6	1		2	1	2	3	4	5	6	1	2	1	2	3	4	5	6	1	
			ا د	_	ပ		೦	_	:	,	0			0	—	0	9	_	٥	0	1 -		0	i —	0	0	_	c	c	-	ಲ	I —	0	၀	_	0	0	_	
€.	- 4	2:-	7-6			_				,								-				0.0								om.		c							-
7	-	6 -						- 6	-		_	- 0 -		Z:			-					11	-0	-0		-9	-0	_	-p-		-2		5	-3-	0	K-7	A 1	-	E
14	Des-	4	5-1-	0		-	-		-6	·—	-		-		1	-	-	≽_	- D	_≥		18.	_					-			_				-		-	≥•	г
2	十一:				-0	-	_		-						2.1									• -		_							-	-	-		-		
-					-																																		

EXAMPLE SECOND.

Two Trochees. Mixed.	Two Trochees. Mixed.	Two Trochees Mixed.	Two Trochees. Mixed.
An - gels, roll the rock a - way	Death! yield up the might - y.Prey;	See! he ri · res from the tomb,	Glow-ing with im mor - tal bloom.
drrurridrru	dr r u r dr r u	dr u r drr u	dre pre de ru
1 2 3 4 5 6 1 2 3 4-6	1 1 2 3 4 - 6 1 2 3 4 - 6	11-3 4-6 12 3 4-6	1 2 3 4 5 6 1 2 3 4-6
-00-00-00-	1 - 0 - 0 - 0 - 0 -	_ 0 _ 5 _ 5 0 _	- 0 0 - 0 0 - 0 0 -
4		•	
()	0-0.		
D D		P P	0 0 0
9#±			

Sec. 32.—In the first example is given the first movement of Com-las to apply two feet of trochaic verse to some, and one foot and a half pound time. This measure has two accents, and always two beats; to others. The motion of the hand, in beating time, should be as a down heat on the first note of the primitive measure, and an up beat quick on a long note as it is on a short one, so that a regular and union the fourth, and in its primitive state, has two feet of dactylic verse form motion and rest be sustained throughout all the measures of a applied to it, as in the examples. When this measure contains two whole piece of music.

pointed minims, and one foot of trochaic verse, it has in that form, but one accent, which is frequently the case at the close of one line of poetry, and the commencement of another. The pupil will readily discover eent and emphasis adjust and regulate the time of the measures in music and by the abbreviatures, (Sec. 29,) that the rest of the hand, in marking the various measures, in all the different movements. And from this fact, as this measure, is double to that of its motion, which should be duly ob-well as the fact that the two movements of Common time are identical, as shown served and practiced.

Note.-From the foregoing examples and definitions, it is evident, that acin the examples, Sec. 19, we can find no use for four beats in any measure

In the second example, the movement is also in compound time, with of Common time. And it is strange to us how the idea should ever have octhe measures varied and constructed with notes and ties, in such a manner curred, of introducing six heats to the measure of Compound time.

the accent. And although the hand must in some measures, beat the motion of the hand. on an unaccented part, yet in other measures, in the same tune, that part may be accented: and thus the hand is always in motion on the accented part of the measure, and should rest on the unaccentshackles the singers, and produces heavy and lifeless performance. The more natural and easy the singers can move along, in marking the audience.

Sec. 34.—Decency and order should characterize the marking of the time. The hand should be kept open, and move perpendicularly up Triple time contains six quarter notes, and the measure of Compound time contains and down, with a quick motion, but not too high. The rest of the hand should always be equal to its motion, and in slow movements about double. In triple time, the hand has two down beats and one up; in all the other movements the motion of the hand is simply up and down. All contortion, closing, twisting, or irregular motion of the hand should be carefully guarded against, and avoided, and an easy motion and rest sustained throughout.

Note .- Some authors arrange the measures of the different movements into four divisions, namely; Double, Triple, Quadruple, and Sextuple, and give fourth. This arrangement seems to have, at first sight, a good deal of consist he following, teney; since the first has two parts to the measure, the second three, the third four, and the fourth six, in their primitive form. But when we take into consideration the accentuation of the different measures of those movements (Sec. 26)-the commingling of the measures of the first and third, (Sec. 30)-the different rhythmical constructions and movements of the measures of the secand fourth, (Sec. 28)—and besides this, the four and six beats which those authors direct-the propriety of this arrangement vanishes away.

The mode of beating the triple measure with the second heat horizontally seems to have gained some practice; though we decidedly prefer two down beats and one up. This mode is more uniform with all the other beats in the

Sec. 33 .- The motion of the hand, in beating time, should accompany different movements, and less subject to lead singers to a disorderly habit in

QUESTIONS.

How many beats are in the measures of Common time?-How are they performed. To have a continual motion of the hand, in marking the time, ed? Which part of the measure has invariably a down beat? - What part of the measure is invariably accented ?- Has the measure but one accent ?- If the measure has four motes and two accents, on what parts of the measure do the accents time, the more charming and powerful will the effect of the melody and many beats has the measure of Triple time?—How are the beats performed?—How fall?-Are the beats then performed on the accented parts of the measure?-How harmony prove, and operate on the minds of the performers and the many accents are in it when in its primitive form ?- Can it take more than one accent in its derivative measures?-How many beats has the measure of Compound time ?-How many accents ?-On what parts of the measure do the accents fall ?-Are the beats performed on the acconted parts of the measure ?- Must the accents of the measures of music and the feet of poetry always agree?-If the measure of the same number, will they agree in their movement?-Why not?

CHAPTER VII.

MELODY-MUSICAL INTERVALS, SCALES, &C.

Sec. 35.—As letters represent the seven original sounds on the staff of music, (Sec. 9,) it is of great importance that the student be well two heats to the first, three to the second, four to the third and six to the acquainted with their situation, and commit them to memory, as on SCALES.

BASE STAFF. First space

TENOR AN	D TREBLE STAFF.
G F	Space above H
E	Fourth space 13
0 c	Third space 1
A .	-Third line-I0-Second space
(t)	-Second line8-

Sec. 36.—As musical sounds may be high or low, (Sec. 3.) a scale is fourths consists of three tones and a semitone; therefore any tune used to represent them in their different pitch. formed by one will be similar to that of the other.

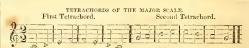
the gradual succession of the tones and the semitones, rising by steps CIENT GREEK SCALES, and the enumeration of all the sounds of their and half-steps, counting from the lowest upwards, and thus forming system; though it appears from Gardiner's "Music of Nature," the diatonic scale in both keys.



Each of the above scales is made up of seven sounds, (Sec. 2,) with except that the first commences on C, and the second on G. the inversion of the first, which becomes an eighth, and thus completes the octave, and commences a second scale.

These scales consist of five tones and two semitones-or five steps and two half-steps-which are distinguished on this scale, by the lines and spaces, the spaces of the semitones being only half as wide as those of the tones. By this the pupil will discover, that the semitones lie between B and C, and E and F; they also lie invariably, between staff.

In the following scales of the major and minor modes, is represented. These four sounds are termed a Tetrachord; they composed the Anthat their music was all written in the minor scale. The two Tetrachords, taken in succession, form the diatonic scale; the chief sound or key of which is taken from C; it being the letter from which the natural major key proceeds.



In both these Tetrachords the semitones or half steps lie between the third and fourth intervals; and thus they are alike in all their sounds,

	THE MINOR SCALF.
First Tetrachord.	Second Tetrachord.
Δ	- 0 早年の、
12	
(6)	

The Tetrachords of the minor scale are unlike in the location of the the syllables Si and Do, and Mi and Faw. The letters and notes are semitones, the first of which has the half step between the second and placed on the lines, in the above scale, in the same order in which they third; and the second has it between the first and second of the scale. are placed in their natural position on the lines and in the spaces of the They also differ with the Tetrachords of the major, owing to the fact, that those of the major proceed from C and G, and the minor from A and E. Both the major and the minor, however, have the semitones

Sec. 37.—By comparing the sounds C, D, E, F, of the major scale between B and C, and E and F; as also between Si and Do, and Mi above, with G, A, B, C, we find that the distance of each of these and Faw.

Note .- In counting intervals in this work, both the extremes will be counted and takeu into the number. Thus, C, D, E, F, form four intervals of the scale, reckoning from grave to acute; though there are only three intervals or spaces between them. The term INTERVAL is applied both to the distance between the notes, and to the notes themselves. Thus E is not only said to be at the distance of a third above C, but is itself called the third above C; G is not only said to be at the distance of a fifth above C; but is itself called a fifth above C; in both which cases the extremes are taken into the number. So when the voice gradually ascending or descending by intervals, is compared whatever sound or letter the voice or the instrument may strike, there are still greatest importance. intervals below it or above, from which that step proceeds. In the scale of music, the half steps are taken into the number of intervals as well as those of the steps.

Sec. 38 .- Two disjoint Tetrachords, one arranged above the other, form the diatonic scale. Those two Tetrachords, the first of which proceeds from C, and the second from G, form the major scale; and form the minor scale.

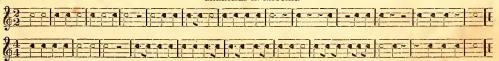




Note.-It is very desirable that singers propounce the syllables clearly and to steps and bulf steps, the first sound will of course, be its first step, the distinctly in solmization: it adds greatly to the beauty of music, and will lead second sound its second, the third, its third, &c.; and as the scale is unlimited, to a correct pronunciation of the poetry, when applied to music, which is of the

Sec. 39.—The following rhythmical exercises should be practiced in those two, the first of which proceeds from A, and the second from E, a school, with a full accent, and a regular marking of the time, until the pupils have acquired a ready motion of the hand, and a command of voice, in striking the accented notes with strength and firmness, and with a clear voice; and the unaccented in a soft, smooth, and easy manner. In training a school, no pains should be spared in the intonation of the voice, and in a regular marking of the time, as thereon depends wholly, all future success in bringing out music in rhythmical order, and with taste and elegance.

EXERCISES IN RHYTHM.



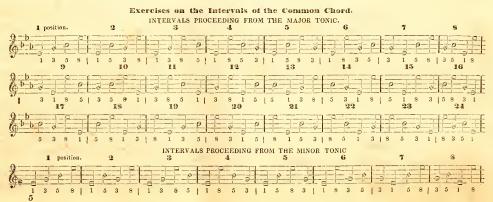


Sec. 40.—The following exercises should be practiced till the pupils scending, both in the major and the minor keys: also till they have have acquired firmness in sounding, with precision, and with a smooth gained a thorough knowledge of the location of the semitones in their and clear voice, every interval in the diatonic scale, ascending and de-different positions, in both keys.





Sec. 41.—As the Tonic or key note is the most important interval on the intervals of this chord, and on the various positions and changes in the musical scale, and the chord based on it the principal one in in which these intervals may be sung, having the tonic of either the every piece of music, it will be proper, in this place, to give exercises; major or the minor scale for their fundamental note.



which is called-



QUESTIONS.

How many letters of the alphabet are used to represent musical sounds?-- How are these letters placed on the Base staff?—How on the Tenor and Treble?—Are Tonic. (Super—above.) the Tenor and Treble alike in pitch ?- How many tones are in the scale of music? -How many semitones?-Between which letters do the semitones lie?-Between which notes do the semitones lie?—How many modes are there in music? Ans. and Dominant. It varies with the mode, being the greater third in Two, the major and the minor.—Wherein do these modes differ? Ans. In the look the major, and the lesser third in the minor. cation of the semitones.-How many sounds form a Tetrachord?-How many Tetrachords compose the diatonic scale?—How many notes are applied to the diatonic scale?-What syllables are applied to these notes?-In how many different nant. But the term arises from its being a fifth below the Tonic, the positions can the intervals of the common chord be sung?

CHAPTER VIII.

OF INTERVALS, CHORDS, AND THEIR INVERSION.

The Tonic, which is the key note or principal sound, and which governs all the rest.

The second is called the Supertonic, because it is next above the

The third is called the Mediant, as it is half way between the Tonic

The fourth is called the Subdominant, being next below the Domisame degree that the dominant is above. (Sub—under.—)

The fifth is called the Dominant, from its importance in the scale, and from its immediate connection with the Tonic; and as it is heard in the Base immediately before the final perfect cadence, it is said to govern the Tonic in both the major and the minor scales.

The sixth is called the Submediant, from its being half way between the Tonic and the Subdominant descending. Like the Mediant, it varies with the mode, being the greater sixth in the major mode, and the lesser sixth in the minor.

She seventh is called the Leading note, from its leading to the Tonic. Sec. 42 .- The intervals of the scale are seven, (Sec. 2,) the first of It is also called the Subsemitone, from its being a semitone below the Tonic. Moreover it is called the sharp seventh, from its being of a

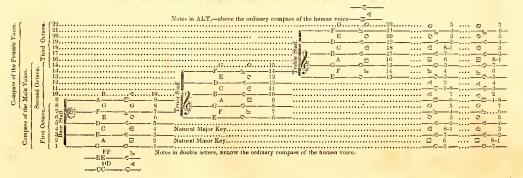
sharp sound in the major scale, and is frequently sharped in the the first line of the base staff, to G, the space above the fifth line of the minor. Treble staff; this being the ordinary compass of the human voice, in-

The eighth is the inversion of the Tonic and is the same note with it cluding male and female: though the ordinary compass of either sex is only fifteen sounds. (See note on Sec. 6.)

though it is an octave higher in the general Scale.

Sec. 43.—In the following scale is exhibited the connection of the The two natural keys, major and minor, with their intervals, as repthree parts of music, Base, Tenor, and Treble; with the degrees of sound resented above, should be well understood. Of the seven intervals, of of all the letters expressed by numerals, on the staffs, as they rise in either key, five are steps or tones, and two are half-steps or semitones. acuteness, on the scale. The Treble staff is the same with the Tenor, In the major key the semitones always lie between the third and fourth except that it rises an octave higher in the scale; owing to the fact, that and the seventh and eight intervals of the scale; and in the minor key the female voice is more acute by one octave, than that of the male, they lie between the second and third and fifth and sixth intervals. Hence there are represented on the scale 22 musical sounds, from G, (See on this, Sec. 36, with scale.)

THE GENERAL SCALE OF MUSIC.



From the fact that there are but seven original sounds in the scale of not exactly equal to each other, while the two half-steps are each of them a little more culty seems to arise, in finding out the eighth sound. But when it is minor scale is always taken as one, and is the first interval in the diatonic scale; and that it occurs or comes round again every eighth interval, [like the Sabbath, which is the first day of the week, and comes round every eighth day; though there are but seven days in the week,] it is easily perceived, that the eighth is nothing more than an inversion of the first; and with the same sound that commences a succeeding scale, the preceding is completed: thus the Tonic is the first sound in the scale, and is also the last.

By the three braces which include the octaves in the above scale, her of vibrations to every sound of the present scale will be as follows: it will be seen that the first brace includes the first note and the eighth; the second brace includes the eighth and the fifteenth; and the third includes the fifteenth and the twenty-second. Thus it is manifest that the last note of a preceding octave, is the first note of a succeeding one. The same method is perceivable in the braces vibrations to each of the intervals of the scale, we must take 21, the number of vibraof the double octaves; the first of which includes the first and the fifteenth, for the compass of the male voice; and the second includes the vibrations of the other intervals for denominators, and the fractions will stand the eighth and the twenty-second, for the compass of the female voice; thus: thus still including in the braces, the last note and the first of each octave.

Although the ordinary compass of the human voice is limited to three octaves, comprising twenty-two musical sounds; yet there are some is required to give the proper number of vibrations to each interval of the scale. And voices which can surpass this limitation;—the instruments have yet a here we find that the Octave takes one-half of the string, the fifth two-thirds, the much wider range; and the musical scale knows no bounds. Hence we third four-fifths, &c. See the following see in the scale, notes in double letters below; also notes in Alt above; these might form new octaves above and below; and be continued octave upon octave, without finding to them any limitation.

tions to a second of time, that the five intervals of the diatonic scale termed steps are Fundamental .

music, and that it takes eight sounds to complete the scale, some diffi-itban half-steps, and the one between 7 and 8 is greater than the one between 3 and 4. Dr. Calcott, in his musical Grammar, divides the scale into tones of 9 commas and taken into consideration that the key note of either the major or the tones of 8 commas; and the two diatonic or natural semitones into 5 commas, and the chromatic or artificial semitones into three or four, according to the magnitude

> Thus the scale is divided into major tones of 9 commas, and into minor tones of 8; and into natural or major semitones of 5 commas, and into artificial or minor semitones of 3 or 4 commas.

> According to this theory, if we suppose a string on an instrument which sounds out one or Do of the scale, to have 24 vibrations in a second of time, then one half of its length, vibrating at the same tension, will sound eight of the scale, and will vibrate just twice as fast, or 48 times to the second. Preserving this ratio, the relative num-

Now, in order to give the length of a string which will make the proper number of tions for the fundamental or 1, for a numerator, and the other numbers, which give

These fractions express what part of the length of the whole or fundamental string

EXAMPLES OF VIERATIONS.

tave upon octave, without finding to them any limitation.	Fundamental .	:	:	:	:	:	:	:	:	•	:	:	:	:	1
Norg It is found by a mathematical calculation, based upon the number of vibra-															2

Fundamental Third.... Fundamental

mens of all the rest of the intervals of the diatonic scale, which are the second, fourth, sec. 50.) sixth and seventh, the length of whose strings is expressed above.

From the foregoing examples, we see that the proportion of the vibrations for each follows:

2 to 3 will be a step of 20, and so on, as in the above diagram.

Now if the intervals of the scale could be performed according to this mathematical standard, which is based on the number of vibrations of a string to each interval as represented above, it would produce the most perfect harmony. But as the scale in (Examine the scale.) this arrangement could not be transposed to other lellers of the scale, it would in this fixed position, like the purest honey, soon cloy. Hence,

In order to adjust the scale to an equal temperament, all the distances, as just given in the mathematical diagram, are added together. The aggregate of which is 131; this number divided by 12. The number of semitones in the scale, will produce 10 1 as the distance of each half-step; and making each step twice as great, will give 21 as the distance of a step. Thus all the tones of the scale are equalized, and so are the semitones also, and made just half the distance of a tone; and in this equal temperament it is transposed to all the letters of the scale, and to all the chromatic semitones.

Sec. 44.—The intervals of the scale are used both in a conjoint and in a disjoint manner. They are used conjointly, when they follow each other in the order of the scale; and disjointly when they are separated, and form longer intervals or skips, such as the third, fourth, fifth, sixth, seventh and eighth. (See exercises, sec. 41.) These skips may also include their octaves, as the tenth, twelfth, fifteenth, &c.

Disjoint intervals are consonant or dissonant, according to the de-nor. In the dissonant triad, both the thirds are minor, and so is the grees of sound they are distant from each other. The combination of fifth, in consequence of which, the chord is dissonant.

3 sound produced by the first, third, fifth and eighth intervals of the scale, major or minor, called the Common Chord or harmonic triad, (exercises, sec. 41,) are consonant intervals, and when sounded together, form a delightful chord, producing the most sublime and pleasant The foregoing examples of the unison, octave, fifth and third will suffice as speci-harmony; but the second and seventh are discords. (See table,

A Common Chord or harmonic triad, consists of a fundamental note, interval of the scale is fixed. And according to this theory, it we suppose the distance and its third and fifth, and usually its octave; and notwithstanding from 1 to 2 of the natural scale, or from C to D, to be 22, then the scale will stand as the chord which proceeds from the key note is the most perfect, yet every letter of the scale may be made the fundamental note of a common chord, major, minor, or imperfect.

Every consonant triad must have a perfect, or major fifth. A major Thus when we take 22, the distance from 1 to 2, as the standard of a step, then from triad has a major third from the first to the third, and a minor third from the third to the fifth; and a minor triad has a minor third from the first to the third, and a major third from the third to the fifth.



In the foregoing scale are exhibited six consonant triads and one dissonant. Three of the consonant triads are major, and three are mi-

Sec. 45.—Inversion of Intervals.—When the lower note of any interval is placed an octave higher, or the higher note an octave lower, the change thereby produced is called inversion. Any interval and its inversion complete the octave. Thus let C and D form a major second, then invert C by placing it an octave higher, and it will produce, from D to C, a minor seventh, which, with the major second, completes the ited fourteen, namely minor and major seconds, minor and major thirds, octave. Moreover, let B and C form a minor second, then invert B, by removing it an octave above, and it will produce from C to B, a major seventh, which, with the minor second, completes the octave.

INTERVALS AND THEIR INVERSION. A Mmor 2nd becomes a Major 7th; A Major 2nd becomes a Minor 7th. A Major 3rd becomes a Minor 6th. A Minor 3rd becomes a Major 6th; A Minor 4th becomes a Major 5th; A Major 4th becomes a Minor 5th. A Minor 5th becomes a Major 4th; A Major 5th becomes a Minor 4th. A Minor 6th becomes a Major 3rd; A Major 6th becomes a Minor 3rd. A Minor 7th becomes a Major 2nd; A Major 7th becomes a Minor 2nd.



An Sth becomes a Unison

In the foregoing inversion of Major and Minor intervals, are exhib-&c., with unison and octave. These will be farther noticed in treating on Harmony, Chap. 10.

OUESTIONS.

How many intervals are in the diatonic scale ?-How are they called as they ascend ?-How many sounds does the general scale contain ?-How many octaves? —Is the musical scale limited to 22 sounds?—What is the difference between the pitch of the Tenor and the Treble staff?-Between the major and the minor keys? -Between which of the intervals are the semitones located in the major scale?-In the minor ?- What different effects do the different locations of the semitones in those keys produce?-What is to be understood by conjoint intervals!-What hy disjoint ?- What is a common chord or Harmonic Triad ?- What is a Major Triad? -A Minor ?-A dissonant ?--Are the major and the minor Triads both consonant ? -Why are they consonant?-What is meant by inversion?-How many different intervals are produced by inversion?

--:0:---CHAPTER IX.

DEEDE OID W.

TRANSPOSITION OF THE SCALE.

Sec. 46.—There are two modes of keys in music, the major and the minor, (Sec. 36 and 43.) In their natural state, the major has C for its fundamental note or key, and the minor has A. But were the keys confined to these two letters alone, their bounds would be too limited. Consequently, there is a much wider range provided for them by transposition. For this purpose flats and sharps are used as signs, to modulate the sounds, by means of which not only every musical letter, but every chromatic semitone may be made the tonic or key note both major and minor. Hence there are twenty-four keys in the scale of music, twelve of which are major and twelve are minor.

In the scale of the major and minor modes, (Sec. 36,) the half-steps and the dominant of the former scale becomes the key note of a new or semitones lie between B and C, and E and F; and in the major scale scale; and when they are transposed by flats they are lowered a fifth they lie between the third and fourth, and seventh and eighth intervals; and the subdominant of the former scale becomes the key-note of a new and in the minor they lie between the second and third and fifth and scale. Thus every additional sharp or flat removes the scale in like sixth intervals; and in both scales they lie between the syllables Mi manner next to the dominant or subdominant.

and Faw, and Si and Do. Now in this their natural position the tones. In the remove of the scale, there should never more than six sharps and semitones of the letters and of the notes of the major and minor or six flats be used. For either six sharps or six flats will remove the scales agree; but as the letters are immovably fixed in the scale—and key to the same interval, as in the above scale, six sharps remove the the intervals of the scale, when transposed, also keep their fixed posi-major key to F#, and six flats to Gb: which is the intermediate semtion in relation to the tonic or key note, there is a disunion produced by itone between F and G, and the self-same interval of the scale.

scale of the keys, which must be adjusted and modulated by the use of of the scale into twelve semitones, -that if we take any number of sharps flats and sbarps on the letters, so that they yield to the new key ac- to transpose the key, the complement to twelve of flats will transpose it cording to its requirement.

In order to make each one of the twelve semitones in the chromatic on C#, and five flats—the complement to twelve—bring it on Dp, the to use five sharps and six flats, or six sbarps and five flats, as follows: five sharps—the complement to twelve—transpose it on B, which is

In the natural scale the major key is on C and the minor on A; but when the ber of sharps and the complement of flats to twelve; or of flats, and the signature is-

F sharp,the	Мај	or key	is G,t	he :	Mine	or E
F, C sharp,	45	44	D,	"	14	В
F, C, G sharp,	66	**	A	"	"	F#
F, C, G, D sharp,	**	**	E	ш	44	C#
F, C, G, D, A sharp,	τ.	**	В	"	**	G#
F, C, G, D, A, E sharp,	"	"	F#	"	**	D带
B flat,	"	ce	F	"	££	D
B, E flat,	**	**	ВЬ	"	"	G
B, E, A flat,	16	"	E5	"	**	C
B, E, A, D flat,	**	**	Ab	"	"	F
B, E, A, D, G flat,	"	**	Db	"	66	Bb
B, E, A, D, G, C flat,	"	£4	G þ	"	ee	Еb

their removal, between the fixed scale of the letters, and the moving. It is a very singular fact,—which evidently arises from the division to the same interval. For instance, seven sharps bring the major key

scale the key-note of a major scale, and also of a minor, it is requisite same chromatic interval. Seven flats transpose the key on CF; and

the same chromatic interval of Cb. This will hold good with any numcomplement of sharps to twelve. But in such cases double flats and dou-

ble sharps would have to be used, which for the facility of execution, should be avoided in all cases.

The two keys stand in relation to each other. The relative minor is a third below or a sixth above the major, on the scale; and the relative major is a third above or a sixth below the minor, on the scale. When the scale is changed, and the keys removed to other letters, higher or lower, they always stand in the same relation: and thus we have the fundamental notes of both keys, in every scale. (See Table, page 44, 45.)

Sec. 47.—Besides the diatonic scale, which is composed of tones and semitones, there is another called the Chromatic Scale, which is composed of semitones alone. The chromatic scale is, however, nothing

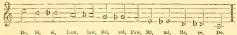
When the keys are transposed by sharps, they rise a fifth in the scale, more than a subdivision of the diatonic into semitones; which is effect-

ed by the use of flats and sharps. This scale ascends by sharps and also in other instances; and if such be the case, will it not be best to guard against their changing the sound of the notes in every ease; and to get the descends by flats, as seen in the following scale: proper pitch of the accidental semitones by a change of sound, and not by a

CHROMATIC SCALE.



Descending by flats.



Note.-The doctrine which holds forth that the semitones are produced by a change of the vowel sounds of the syllables applied to the notes seems to be the scale ?- Which is evidently the case in many tunes, and for the proof of that in many measures there will be broad and slender vowel sounds applied tone between the seventh and eighth. to consecutive notes of the same sound-of the same letter; and yet no deviation from the self-same sound heard or discovered, by the application of the mingle and flow together, in sweetest unison and harmony,

of a note a semitone higher or lower, in one instance, they have the same power new position. For instance-

change of syllable? as by far the greater number of notes that would be affeeted by that change, would thereby become discordant and unbarmonious.

A proper knowledge of the Chromatic scale will lead to a more full and extensive knowledge of the Diatonic, in its different positions when transposed. For by the flats and sharps used in the Chromatic scale, the keys of the diatonic are modulated, and the tones and semitones fixed in the proper intervals in the new keys, in every change of key, and it will be obvious to the student that the Chromatic scale is nothing more than a subdivision of the Diatonic into semitones; where the lower letter of a tone is sharped, or the upper flatted to produce the intermediate semitone, and thus form a scale of semitones alone.

Sec. 48.--It should be well understood that the letter of the key note or tonic is always taken as one, and that the tonic may assume any letter or chromatic semitone as the key note, either of the major or of the minor key, and that in the major scale the order of intervals must somewhat doubtful and uncertain; for if the stender sound of a vowel in the always be from 1 to 2 a tone; from 2 to 3 a tone; from 3 to 4 a semisyllable applied to a note would raise a note a semitone; and if the broad tone; from 4 to 5 a tone; from 5 to 6 a tone; from 6 to 7 a tone; from sound would depress it, what would be the consequence where words or sylla-7 to S a semitone. And in the minor scale, from 1 to 2 a tone; from bles of both broad and slender sounds are sung to the same letter and sound of 2 to 3 a semitone; from 3 to 4 a tone; from 4 to 5 a tone; from 5 which it will only be necessary to refer to the following tuses, namely, Sterling, to 6 a semitone; from 6 to 7 a tone, and from 7 to 8 a tone. To this Miles Lane, Martyn, Bozrah, Tavoy, &c. Now by giving proper attention to order, in the minor scale, there may be some exception: for wherever the above named tunes, it will be found when the poetry is applied to the notes, the seventh leads to the key, it is sharped, and thus produces a semi-

This is the order of the keys, in their intervals, in every position, different your sounds. And even when vocal and instrumental music are per- which is manifested in the scales of Table of the Transposition. In formed together, there is no discordance of sound discoverable on these notes; the first scales, major and minor, the intervals are natural, as the keys but all the sounds, both from the vocal organs, and from the strings and pipes, are in their natural position—the major key on C, and the minor key From the foregoing remarks, it is evident, that if the different sounds of the On A. But so soon as the scales are transposed to other letters, more vowels by their broad and slender sounds, have the power to change the pitch or less flats or sharps must be used, to modulate the sounds in their

following Table: then from G to A is a tone, from 1 to 2 a tone; from a semitone, which must here be a tone, and consequently F must be tone. Thus we find that in the major key of G, F must be sharped.

flats lower them a fifth, (Sec. 46,) to the subdominant. For by making from C to F, the subdominant, a fifth lower,

Note .- By inversion the fifth above will become a fourth below; and the fifth below will become a fourth above.

As the major and the minor seales stand in relation together, and invariably keep their relative position, in every remove, the minor being a relative to the major, a third helow or a sixth above; and the major being a relative to the minor, a third above or a sixth holow; and as they are alike in the intervals of the dominant and subdominant, they are subject to the same order, when transposed, also in the inversion of the intervals.

Let D, the subdominant of the natural minor scale, be taken as the both major and minor. But, key-note or tonic of a new minor scale; then from D to E is a tone, For want of room on this table, we have given only two examples a semitone; from F to G a tone, and from 3 to 4 a tone; from 4 to 5 a attention be given to this, it will be amply sufficient to give the learner tone, and from G to A a tone; from A to B a tone, but from 5 to 6 a due knowledge of the minor scale in connection with the major; as a tone. Hence we see the necessity of making B flat, in the key of D tive minor. minor or F major.

Let G, the dominant of the natural major scale be taken as the key- Nove. In all the foregoing changes of key by flats and sharps, the vocal note or tonic of a new major scale, according to the scale of G, in the performer has no difficulty in making the flat and sharp sounds of the letters, seeing that the syllables of the scale have the proper sounds of the scale associated with their names; and the natural rise and fall of the voice is the same 2 to 3 a tone, from A to B a tone; from B to C a semitone, from 3 to in every change of key; and thus the singer performs them without being 4 a semitone; from 4 to 5 a tone, from C to D a tone; from D to E aware of it, except when accidentals occur. But the case is different with the a tone, from 5 to 6 a tone; from 6 to 7 a tone, from E to F naturally instrumental performer, where on keyed instruments, the keys of the chromatic semitones are short keys, constructed between the long keys of the untural scale; thus between the long keys of A and B, is a short key to strike the semsharped, then from F sharp to G a semitone, and from 7 to 8 a semi-litone A sharp or B flat; and as there is naturally but a semitone between B and C, also between E and F, there are no sbort keys between B and C, and E In like manner as sharps raise the keys a fifth to the dominant, so and F, because they are the natural semitones in the diatonic scale; but between C and D, D and E, F and G, G and A, there are also short keys to strike the semitones of C sharp or D flat; D sharp or E flat; F sharp or G flat; and G F sharp, the major key will be transposed from C to G, the dominant, sharp or A flat. Hence the player on an instrument must observe to strike the a fifth higher; and by making B flat, the major key will be transposed short keys on all the letters that are sharped or flatted in the signature, throughout the whole piece of music. From this fact it follows, that the less number of sharps and flats that can be used in the signature, the easier will be the execution to the instrumental performer.

> The necessity and use of the Chromatic Scale, at the front of the following Table of Transposition, is because the keys are movable and changeable in their position, and the letters of the scale are permanent and fixed. Here the student will see at a glance, how the semitones run out from the chromatic scale, through all the movable scaleswhich are represented in this table in the form of a ladder-preparing and adjusting the intervals of the new scales for their assumed key,

and from 1 to 2 is a tone; from 2 to 3 is a semitone, and from E to F of the minor scale in connection with its relative major, which, if due only a semitone, therefore B must be made flat; then from B5 to C is the relative minor is always a third below or a sixth above its relative a tone, and from 6 to 7 a tone; from 7 to 8 a tone, and from C to D major; and the relative major a third above or a sixth below its rela-

The minor scale has of late been too much neglected and set aside,

and we think every effort should be made to revive it again. We have the minor key, as those in former ages. (See more on minor scale, as much need now to express our sorrow, humility, and penitence by page 43.)

TABLE OF TRANSPOSITION.

SCALES WITH SHARPS.

CHROMATIC SCALE	Scales of C Maj. and A Min	Scale of G.	Scale of D. TWO SHARPS.	Scale of A. Scale of I	Scale of F#.
C natural. B natural. A sharp or B flat. A natural. A natural. A natural. G slatural F sharp or G flat. E natural. E natural. D natural. C sharp or D flat. C sharp or D flat. G sharp or D flat. G sharp or D flat. G sharp or D flat. F natural. G sharp or D flat. G sharp or G flat. F natural. D natural. G sharp or G flat. F sharp or G flat. F sharp or G flat. C sharp or G flat.		C = -S-Do F# 7-Si. E = 6-Law. D = 5-Sol C = 4-Faw. A = 2-Re G = 1-Do	D S Do C# 7 Si B 6 Law. A 5 Sol. C# 4 Faw F# 3 Mi E 2 Re D i Do	A S Do G F S Do C S DO	 F#+8-Do E#+7-Si D#-6-Law C#-5-Sol B 4-Faw A#-3-Mi G#-2-Re -F#-1-Do
O Hatural	C -1-IDo			.,	 .1

In these Tables, it will be observed, that we have ascended in ditional sharp was required in each successive transposition; and in each successive scale a fifth, or descended a fourth—according to the the descending scales by flats, one additional flat was required. This is order of inversion,—and that in the ascending scales by sharps, one ad-the regular order of transposition, both by sharps and flats.

· SCALES WITH FLATS.

																Scale of Gb.
CHROMATIC SCALE	NATURAL.		ONE FLAT		- TW	O FLA	TS.	THR	EE FLA	LTS.	FOU	R FLA	TS.	FIVE	FLATS.	SIX FLATS.
C natural																
B natural																
B flat or A sharp .					B	st—8—	Do									
A natural					A	-7-	Si									
A flat or G sharp .						1										
G natural						6	Law.				G	-7-	Si			
G flat or F sharp .							1									Gb 8- Do
F natural						5-	Sol				F	-6-	Law.			F -7- Si
E natural						1 .	L									
E flat or D sharp .												5	Sol		•••••	E -6 Law.
D natural			LawD	-8-Law	D	-3-	Mi	D	-7	1			-	701.7	e 17.	"THE 2 12.1
D flat or C sharp .				7 01		1 .	73		. I,		DD	-4-	raw	Dp-	8-1Do	Db5Sol
C natural B natural		0 -5-	SolC	-7-Sol	0	-2-	Ke	0	-0-1	∠aw.	C	-3	М1	0	-/ S1	(b) 4 Faw
B flat or A sharp	PI -/- S1	DL 4	D D1	e 12	_{DL}	,	D-	_D		-1	D	0	D.	_{DL}	c T	Bi3 Mi
A natural	" A T ow	BD -4-	Yi A	-6-FAW	DD	f-1-	њо	ь	-0-13	.01	Б.	-2-	re	DD	Law	D[511
A flat or G sharp		A -3-	.41 21	-5-141				A 4s	_1_1	Core	A 4st	_1_	Do	A ts	5-801	Ab —2— Re
G natural		G	Ro G	_1_Re				G	_3_1	Li		1	10		0-1301	
G flat or F sharp			100 0	1 110								• • • • • • • • • • • • • • • • • • • •		Gb-	4 Faw	GDo
F natural		F -1-	Do. F -	-3-Do					-2-1	?e			••••••	F -		
E uatural	.E -3-Mi			-2-Si					- 1							
E flat or D sharp								Eb	-1-1	Oo					2-Re	
D natural	D -2- Re		D L	-1- Law	,											
D flat or C sharp														Db -	1-Do	
C natural	—1—Do															

MINOR SCALE. .

feelings expressed therein, be a criterion of judgment, were sung in the minor strain. This is the natural expression of emotions of sadness, penitence and

"We hardly know why it is, but tunes written in the minor scale have been grief. And certainly our Creator hath established the laws of the minor scale exceedingly rare in some of the singing-books that have been published for a as really as he has the migor scale. He has adapted that to our natures, and few years past. Our fathers, we know, used this scale much more extensively our natures that as really as he has our natures and the major scale, the than we have been accustomed to do. Have we become degenerate plants of a one to the other. And in a world like ours there is certainly a demand for strange vine? Has the very decided predominance given to the major scale tunes written in the minor scale. As long as we live in a world of sorrow—as been owing to the fact that we have come to be a very joyful and happy pee- long as we are sinful beings—have transgressions to confess, and mercies for ple; and that we have no occasion for sorrow, hamiliation, penitence, sadness which to supplicate, we shall have need to do it in strains, and in a manner and grief? Many of the psalms, if the sentiment contained in them, and the corresponding of the heath. But so little has this key been used

of late, that many choirs know not how to perform a minor tune creditably; has been a somewhat difficult thing to execute them, so little has the voice been and many singers are highly prejudiced against it. And the reason is not that accustomed to sing in this scale,"

The following exercises are designed to illustrate the subject of caucated to execute major music solely, and have no taste for anything else; so that education and taste here do not answer at all 10 the demands of nature. that caucation and taste here do not answer at all to the demands of nature. The teacher should exercise his class in these scales, and instruct them worship, or in the social circle: and when such tunes have been selected, it in the same, until they become familiar with each key.











QUESTIONS.

What do we understand by the word mode? Ans. A certain disposition of the tones and semitones of the scale, with respect to the tonic or key note.-How many modes are there in music ?- What are these two modes called ?- Wherein does the major mode differ from the minor ?- How many different keys can be had in the scale of music?-How many major?-How many minor?-What characters are used in transposing the keys ?- What effect does a sharp, placed on a letter, produce ?- A flat ?- When we have one sharp as the signature, where is the tonic or key note ?- When two sharps ?- When three sharps ?- When four sharps ?-When one flat?-When two flats?-When three flats?-When four flats?-Of what does the Chromatic scale consist ?- How many semitones does the Chromatic scale contain?—In what intervals do the major and the minor scales differ?—What themselves; they must have that clearness which distinguishes them is the position of the relative minor key to any major? The relative major to from mere noise, and that sweetness which distinguishes them from any minor?-Do the major and minor keys always stand in the same relative position?

CHAPTER X.

OF CHORDS, THEIR INVERSION, &C.

Sec. 49 .- For the purpose of music sounds must be agreeable in harsh and disagreeable sounds. A succession of single musical sounds forms Melody; and a succession of combined melodical sounds forms. The second position has the third the lowest, the fifth in the mid-HARMONY. In other words, melody consists in the agreeable succes-dle, and the fundamental the highest; because the fundamental is sion of single sounds; and harmony consits in the succession of a inverted.

combination and accordance of different sounds. The third position has the fifth the lowest, the fundamental in Not only may single intervals he inverted and changed, (Sec. 45,) the middle, and the third the highest, hecause the third is inverted. but also the combined intervals of chords may be inverted. The com-

mon Chord or Harmonic Triad, which is based on each letter of the fundamental note of each letter is taken as one, from which the descale as its fundamental note, (see Scale, Sec. 44,) may, by inversion, grees of pitch of all the others are counted. Thus when the first or assume three different positions on each letter; the first of each heing fundamental note is inverted, it becomes an eighth; and when the third

is inverted, it of course becomes a tenth from the fundamental note; a direct chord, and the other two inverted chords. These Triads or Common Chords, in the following scale, are close but as the fundamental note by inversion, becomes one of a new octave, chords; as no chord can be formed closer together than a third. Eve-so the tenth may in like manner, become a third in the new octave. ry chord is known by its fundamental sound; thus the first chord pre- (See keys on General Scale, Sec. 43.)

sound: the Chord of E has E, &c.

sented in the following scale, is called the chord of C, hecause it has C In the following scale, the triads which are based on C, F, and G for its fundamental sound. The chord of D has D for its fundamental being the tonic, subdominant and dominant intervals of the scale—are major triads; and those which are based on D, E, and A-heing the

The first position of each of the following chords has its funda supertonic, mediant, and submediant intervals—are minor triads. The mental sound the lowest, the third in the middle, and the fifth the triad based on B, the sharp seventh, is a dissonant triad, and its inverhighest. sions produce major fourths and minor thirds.

INVERSION OF THE HARMONIC TRIAD OR COMMON CHORD.



Chords of disjoint intervals may be dispersed into greater degrees vals in proceeding from one note of the chord to the other, as in the or leaps, and passing in different ways, over many intermediate inter-following examples of all the old the stand of



Sec. 50.—As intervals or chords are consonant or dissonant, according to the degrees of sound of which they are composed; and as there are fourteen intervals in the diatonic scale, (Sec. 45,) it will be expedient to give a representation of them, and of the number of semitones of which each of them is composed, as manifested in the following.

TABLE OF CONCORDS AND DISCORDS.

No. of No. of Intervals. Concords and Discords, Intervals. A perfect chord. 14
13
13
12 Min. seventh
11
109Min. sixthAn imperfect chord.
9
8
7
6 A concinnous sound.
5An imperfect chord.
4An imperfect chord.
3 Maj. second
2
I

below and above, from which every interval must proceed or step, no matter where it is found in the scale. (See note on Sec. 37.) And when the voices of the different parts of music, throughout a piece, sweetly harmonize, on the different chords, and close on a unison, must they not close on an interval of the scale?

The unison is an accordance or coincidence of sound proceeding from an equal number of vibrations of sounding bodies in a given time, and is the most perfect of all the musical sounds in the whole scale of music. (See note on vibrations, page 36.)

Next to the unison is the octave, which consists in a double number of vibrations in a given time, and is so sweet a chord with the unison, that they are scarcely distinguishable from being the self-same sound-

Next to the eighth is the perfect or major fifth, which in its vibrations is as three to two, and is a perfect chord of a sweet and charming sound; and next to the fifth in sweetness, is the major third, which in its vibrations is as five to four.

These four sounds, the unison, eighth, fifth and third, form the common chord, being the most essential sounds in every piece of music.

The minor third is also a consonant interval, and is the third of a minor triad in the minor scale; in its vibrations it is as six to five.

The minor fifth and the major fourth—each containing seven semitones are discords; and so are the major and minor seconds; and also the major and minor sevenths.

The minor fourth is termed a concinnous sound; it is not a very disagreeable discord; neither is it, by itself, a concord: one and four are rather dissonant, but when six is added they become consonant.—Also five and eight do not perfectly accord; but when three is introduced, they become concordant.

The Unison, or the same identical sound, although it cannot properly be reckoned an interval, is always considered as such when employed in harmony. And as the scale of music is unlimited, we cannot used in harmony. See that it could be otherwise; for there are always intervals or steps

The major and minor sixths—the one containing ten semitones and properly the other nine, are both imperfect chords, though they are frequently used in harmony.

The recording read minor sixths—the one containing ten semitones and the other nine, are both imperfect chords, though they are frequently in the dia-

ter to how many octaves the General scale may ascend or descend, key in the ascending scale, and to which the tonic is transposed by sharps; so For in like manner as 1, 3, 5, 8, in the first octave, harmonize, so will the subdominant is a fifth helow the tonic, and is the nearest relative key in S, 10, 12, 15, harmonize in the second; 15, 17, 19, 22, in the third, the descending scale, and to which the key is transposed by flats. Hence the &c. All the octaves are the same, except as they differ in gravity and name sub-dominant. acuteness. If 1, 8, 15 and 22, the fundamental notes of four octaves rising in acuteness, were sounded together by musical voices, it would produce a volume of sound which could not easily be distinguished from two notes in common with the tonic chord, and must hence intimately being the self-same sound proceeding from one voice. The same effect blend, as also enchain with the other chords. This note is also the will be produced by striking four keys of the same letter at once, on a principal chord or tonic of the relative minor key. (See inversion of well-tuned instrument.

different parts, consists in a proper succession of the fundamental chords in common, which sweetly blend together in harmonical progression. of the scale; a due order of the different notes in their inversions; and the enchaining and binding together the chords in their harmonical progression.

The tonic or key note is the most important, and the chord based on it is the principal one in every piece of music, both in the major and minor keys. Regularly every tune both begins and ends with the tonic chord.

It occurs more frequently in a piece of music than any other note, as by far the greater number of chords in ordinary tunes contain it. For the inverted positions called ?-What is the difference between the major and the this reason, and because it is the base note which regularly leads to a minor triads?—What is a close chord?—A dispersed chord?—Is the unison an also called the dominant chord, which occurs more frequently than any from which it takes its step.—Which are the intervals in the scale that compose other except the chord of the tonic. In modulation by sharps, the the common chord?—Are the minor fifth and major fourth concords or discords? dominant is also the key note of the nearest relative key.

The subdominant is the next note of importance in the scale, because get fourteen?—Are the major and the minor sixths consonant or dissonant intervals ?-Will the consonant intervals in one octave he consonant throughout all the its chord has the tonic for its fifth. In modulation by flats, it is the key note of the second relative key, having the original key note for its dominant.

tonic scale, is applicable to all the octaves in the scale of music, no mat- Note. - As the dominant is a fifth above the tonic, and is the nearest relative

The submediant is the third in relative importance, as its chord has the Harmonic Triad, &c., Sec. 49.)

In the minor key, the third of the scale, or the tonic of the relative Sec. 51 .- The chief excellence of harmony, or music performed in major key, frequently occurs. These chords have likewise two notes

QUESTIONS.

What is the quality of good musical sounds?-In what does melody consist?-Next to the key note, the dominant or fifth of the scale takes rank. In what harmony ?-How many positions can the common chord assume by inversion?-can each letter of the scale be made the fundamental note of the common chord?—What is the first position of the chord of each letter called ?—What are final close, it is called the dominant. The chord based on this note is interval in the scale of music?—How can it be an interval when it is identical? Ans. Because wherever it is found in the scale there is an interval below or above How many semitones does each of them contain?-How many intervals does the diatonic scale contain ?- If there are but eight intervals in the octave, how can you

> octaves in the General Scale ?-What is the chief excellence of harmony ?-Which is the most important chord ?- The next of importance to the tonic ?- The next of importance to the dominant ?- The next to the subdominant?

CHAPTER XI.

DYNAMICS.

MUSICAL ELOCUTION.

Sec. 52 .- A good quality of tone is an essential property to dynamic expression; and that quality consists in purity, fulness and firmness.

A tone is PURE when it is clear and smooth, having no extraneous in some instances, perverts the meaning of the phrase. For instance: sounds mixed with it, such as hissing, screaming, or mumbling sounds. Impurity of sound is often produced by an improper position of the parts of the mouth.

A tone is FULL when it is delivered in a free and unconstrained use of the appropriate organs of sound, and with a good volume of voice. Faintness of sound is often produced by a careless or negligent use of the vocal organs.

A tone is FIRM which is correctly given, and held steadily, without change during the whole length of the note; being perfectly under the control of the performer.

Hence, striking below the proper sound and sliding up to it, as from five to eight, &c. A wavering or trembling of the voice, and a change just at the close of a tone, produced by a careless relaxation of the organs, which should always be held firm and immovable in their proper position until the sound ceases, should be carefully guarded against and avoided. Moreover, the voice may be rendered disagreeable by being too nasal, labial, dental or guttural: that is, it may be forced too much through the nose, the lips, the teeth, or be formed too deeply in the throat. All these disagreeable sounds should be carefully corrected.

is to let the pupil sound on the syllahle awe, frequently, by marking the &c. All such incorrect and corrupt pronunciation and articulation have a the syllables which are applied to the notes, keeping the vocal organs, as much as possible, in the same position while sounding them. By this

process the voice will acquire both strength and sweetness, and free itself from every disagreeable impediment. Care, however, should be taken that the voice be not made too guttural by this process.

A hlending of the words when applied to music is an injury to good performance, and impairs and lessens the power of music. And, as many who read with a clear and distinct articulation, are apt to slide into this error when singing, it is deemed expedient to give a few examples, to show where the blending of words not only debases the sentence, but,

Example 1. A storm that last..still morning,

For A storm that lasts till morning.

He is content in .. neither place, i

```
For ..... He is content in either place.
              Ex. 3.
                         Over waste..sand deserts,
               For ..... Over wastes and deserts.
              Ex. 4.
                         Who ever heard of such a .. notion.
               For ..... Who ever heard of such an ocean.
              Ex. 5.
                         Swee..tis the da..yof sacre..drest, }
               For ..... Sweet is the day of sacred rest.
                         O com., man., dlet., tus worship, (
               For ..... O come and let us worship.
                         My hear..tshall trium..phin the Lord, }
               For ..... My heart shall triumph in the Lord.
              Call whil .. e may be foun .. doh see .. kim whil .. e's near, }
     For ..... Call while he may be found, Ob seek him while he's near.
Ex. 9. Ser..vim wi..thall thy art. tan min.. Dan..dworshi..pim with fear,
For ... Serve him with all thy heart and mind, And worship him with fear.
 Ex. 10. He by hi..zown almighty wor.. Dwill all your fear.. sremove, }
```

Besides this, we sometimes hear the words when, where, while, &c., The most effectual way to correct these errors in producing sounds, pronounced in singing, as if they were written whe..en, whe..ae, whe..ile, position of the vocal organs while sounding, and then proceed sounding tendency to obscure the expression and destroy the beauty of the sentence.

For He by his own almighty word Will all your fears remove.

Note .- Whenever the teacher discovers a fault, let him first point it out and imi-

require the pupils to imitate both the correct and incorrect examples. It is not performance it is indispensably necessary that it be strictly observed enough for the teacher to say that a fault exists; he must actually point it out, and exhibit it by his own performance, and this over and over again, until the pupils obtain a clear perception of it, and know both how to produce it, and how to correct and avoid it,

Sec. 53 .- One of the greatest excellencies of sacred vocal music, is that strict union which should ever subsist between the words and the on this. For psalmns and hymns of prayer and supplication a minor key should generally be chosen, because it is of a plaintive, soft and melting quality; and for those of praise and thanksgiving, a major key, because it is of a cheerful, lively, and animating quality. This may be considered a general rule, yet there may be some exceptions, as some tunes of the major key partake, in some measure, of the soft, gentle, and subdu-which is the only true guide to dynamical expression and musical ing qualities of the minor, and some of the minor key, in some degree, elocution. partake of the enlivening and cheering qualities of the major. Hence, as there are psalms and hymns which contain devotional matter, of both full chords, which brings a calm over the soul, rivets the attention, and to the sentiment, and that the grand end of the composition is to speak to the enraptures the feelings in view of the sentiment, and thus produces a judgment as well as the hearing. The most common mistake with composers frame of mind, in the Zion traveler, which is highly devotional.

Sec. 54.—In the connection of words with musical sounds, good elo-

tate it himself, and afterwards give the true style of performance; then let him expression can be given to vocal music; and for good and dignified

Every word and every sentence should be pronounced, in singing, with a clear voice, and with the same distinctness as when spoken or read; so that the sentiment of the poetry when united with the sound of music, be well understood. For to "sing with the Spirit and to sing with the understanding also," those heaven inspiring words in unison with the music. Hence the first object of the chorister is, to choose a tune to sweet strains of music, with their soft and soothing accents, is what has which the words are suited or ally themselves, both in sentiment and such a benign and powerful influence over the human mind. And when quality. Much of the beauty and strength of sacred music depend up-singers can realize the subject, and enter into the proper feeling and spirit of the poet, there is but little danger of not producing dynamic expression and musical elocution. And nothing can compensate for a want of feeling, and the realization of the expression of the poetry, because in the performance, the tone, the graces in the modulation of the voice, and sound, should all be suited to the subject which the poetry expresses,

Note .- "Writers have attempted with great ingenuity, to lay down rules for prayer and praise intermingled, so there are tunes suited for all those the varieties of expression; but whoever undertakes to follow rules in giving poetical productions which are adapted to the emotions of the pious mind, expression, presents us with a mere skeleton, without life and animatiou. Evo-Now, when the poetry is truly expressive, and thus adapted to music, ry appearance of effort disgusts us . . . True expression clothes her song in characteristic display of grace, majesty and pathos; not a single note will be there is something grand and subduing in the harmonious progression of breathed in vain. She wisely considers that ornament should ever be subordinate and church choirs is, in attempting to express words and not ideas .- Singing the word small with such softness as scarcely to be heard, or exerting all the powers of the lungs on the word large, is punning, not expressing; trifling cution is necessary, as well for the vocal musician as for the orator, with the words and neglecting the sentiment. Instead of considering how this Every word to which music is applied, should be pronounced distinctly or that word should be executed, the first object should be to study the true and grammatically. The sound should be prolonged entirely on the vow-meaning and character of the subject, so that effect may not only be given to el, and the mouth kept open in one fixed position from the beginning to a word here and a word there, but the sense of the whole sentence expressed, so as to be understood and felt. It is true the expression of the whole the end of the sound, and the consonants before and after the vowels is conveyed by appropriate emphasis on particular words, but it is not simply forcibly and quickly, yet distinctly articulated. Without this, little the words which demand emphasis, but their connection with the sentence,

Religious feeling is full of dignified and placid joy, of which the gentle swelling this we may readily infer that these heavenly songsters were no strangers in of the curphatic words gives the most appropriate idea.

for the performer. These terms are usually Italian, such as Andante, Affetuoso, blissful and happy place. dr. In following such directions there is danger in attempting to express what Hence sacred song is coeval with the creation; and the first music of the the performer does not actually feel. In such a case the effect will often be human voice must have heen a holy exercise of a joyous ascription of praise to ludicrous; and at best can but astonish us with the art and dexterity mani-the bountiful Lord and Creator. And how consoling and heart-cheering has fested. In true expression, the composer and performer are lost sight of; the this heavenly science ever since proven to the people of God, hoth under the attention is rivited, and the feelings enraptured in view of the sentiment. Porter's Musical Cyclopedia.

In all vocal performance of sacred music, singers should enter into those emotions which are expressed by the poetry. They should avoid Israel, and his son Solomon, who not only cultivated it to a high extent, but by a dull, heavy, unfeeling style of performance, and cultivate that which the inspiration of the Spirit of God, furnished material for the devotional exercomes from the heart, which has some soul, some meaning, and which eises, which are highly valued by the people of God, and have been added to is appropriate to the words and music. There is something in the nature of musical tones, when combined with sacred poetry, which is four thousand singers and players on instruments, (according to 1 Chron. 23: heavenly and divine; and in the pious mind produces that lowly pros-5,) who performed together with so much accuracy, that their sounds were as tration of soul, and those pure affections with which we ought to ap-oxe sound to be heard in praising the Lord. And when they lifted up their proach the throne of the Deity.

--:0:---ORIGIN AND UTILITY OF MUSIC.

"The capacity of the human mind for poetry and music has been common to every age and nation; and though too generally perverted to evil and sinful purposes, it was doubtless originally implanted by the CREATOR, for wise and holy reasons, and should be consecrated to His service and glory. According than are suggested by these subjects, though we may be sure that they are unly hymns or songs or praise form a considerable portion of the Sacred Scriptures, some of which were composed on particular occasions, and sung as a part of solemn worship at the time or afterwards, in commemoration of the transactions celebrated in them."-Ex. 15; I Sam. 2; 2 Sam. 22.

have descended from the skies. For when the Lord "laid the foundations of an overflowing heart. What can be more delightful than songs of joy issuing the earth, the morning stars sang together, and all the sons of God shouted from lips that taste the love of God! Such were the Psalms of David, and for joy." Joh 38: 4-7. And at the nativity of Christ, there appeared to such the songs of the primitive Christiaus, the martyrs, and the reformers. the shepherds a "multitude of the heavenly host praising God, and saying, Such are the songs we should cultivate. They will prove a rich foretaste of Glory to God in the highest, and on earth peace, good will towards men." From joys unseen and eternal,"

Eden, in that day when the Creator himself walked and talked with his earth-"Many terms are prefixed, by composers, to the several strains, as directions horn children in Paradise, and that the sound was prolonged by them in that

> Old and the New Testament dispensation, in awakening and strengthening their devotional affections, when holding communion with the Father of Mer-

> cies! What a high rank did music obtain under king David, that sweet singer of the inspired volume. How great must their influence have been, in promoting this heavenly science, when, at the dedication of the Temple, there were about voices, with the trumpets and cymbals, and instruments of music, and praised the Lord, the house was filled with a cloud, even the house of the Lord: so that the priests could not stand to minister by reason of the cloud: for the glory of the Lord had filled the house of the Lord. 2 Chron. 5: 7-14.

> "We can scarcely cularge our thoughts to conceive the effects which these high praises of God, song by so vast a multitude, with harmonious clevation of heart and voice, on these joyful occasions, must have produced. It naturally leads us to consider the songs of the redeemed of the Lord in glory; and perhaps we are not, in this world, capable of more just and spiritual ideas of them,

"Hear I, or dream I hear their distant strains. Sweet to the soul, and tasting strong of heaven."

"How holy, how glorious is the God we worship! How wonderful are his But it was not with man that this heavenly science originated. It claims to perfections! 'It is good to sing praises unto his name,' from the affections of

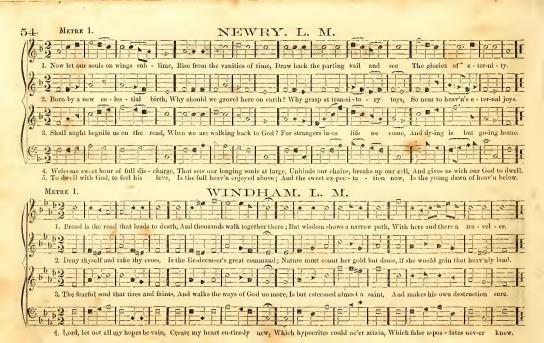
HARMONIA SACRA.

"A POET he, and touched with heav'n's own fire, Who with bold rage or solemn pomp of sounds, Inflames, exalts, and ravishes the soul: Now tender, plaintive, sweet almost to pain In love dissolves you; now in sprightly strains Breathes a gay rapture through your thrilling breast, Or melts the heart with airs divinely sad: Or wakes to horror the tremendous strings. Such was the Bard, whose heavenly strains of old, Appeased the fiend of melancholy Saul."—Armstrong.

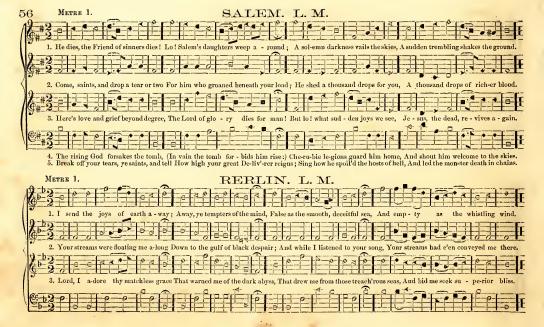
PARTI

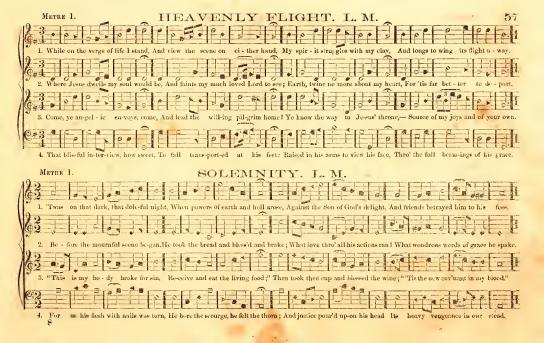
CONTAINING THE MOST APPROPRIATE TUNES OF THE DIFFERENT METRES, FOR PUBLIC WORSHIP.

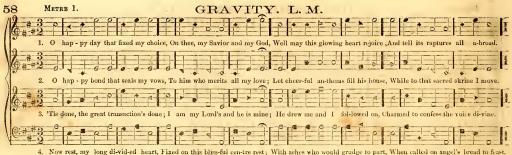


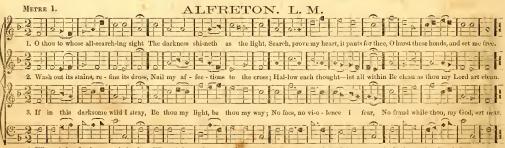












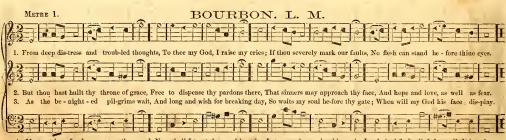




4. They see their Sa-vior face to face, And sing the triumphs of his grace; Him, day and night they ceaseless praise, To him their loud hosannas raise.

6. Wor-thy the Lamh for sinners slain, Thro' endless years to live and reign; Thou hast redeemed us by thy blood, And made us kings and priests to God.





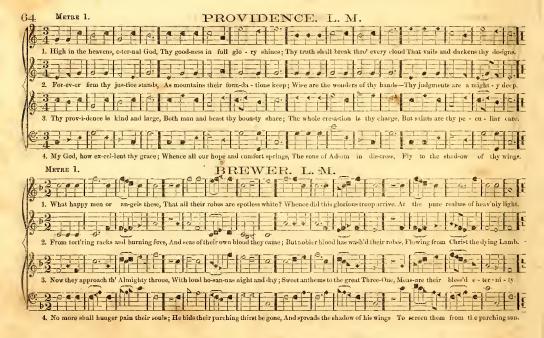
4 My trust is fixed up - on thy word, Nor shall I trust thy word in vain; Let mourning souls address the Lord, And find relief from all their pain.

5. Great is his love and large his grace, Through the redemption of his Son; He turus our fect from sinful ways, And par-dons what our hands have done.









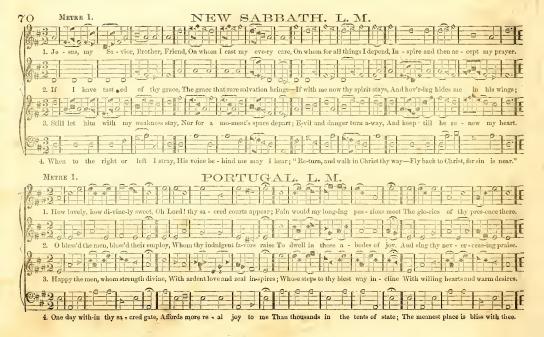




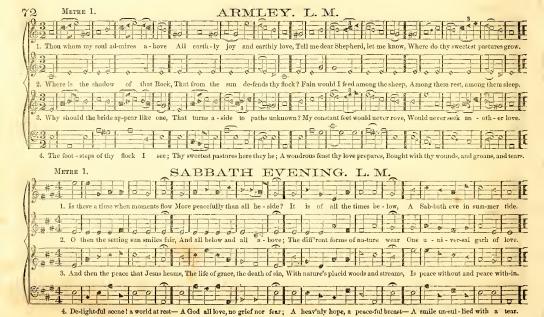






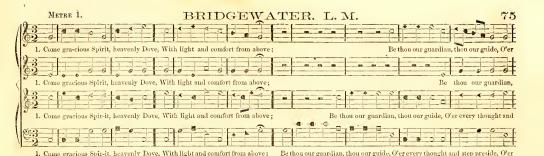


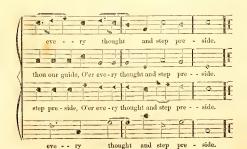




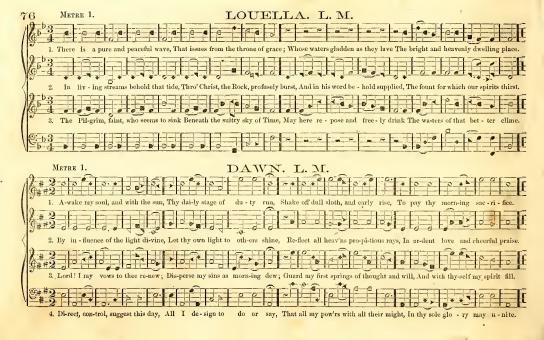






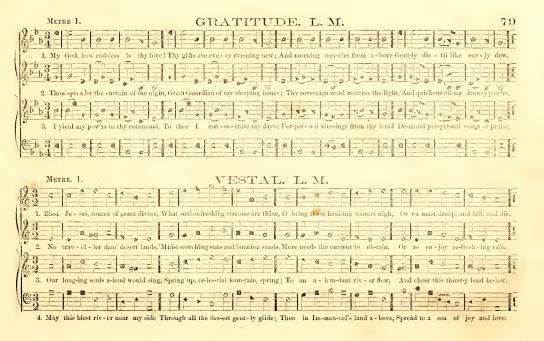


- Conduct us safe, conduct us far, From every sin and hurtful snare; Lead to thy word that rules must give, And teach us lessons how to live.
- The light of truth to us display, And make us know and choose thy way; Plant holy fear in every heart, That we from God may ne'er depart.
- Lead us to God our final rest, In his enjoyment to be bless'd; Lead us to heaven the seat of bliss, Where pleasure in perfection is.

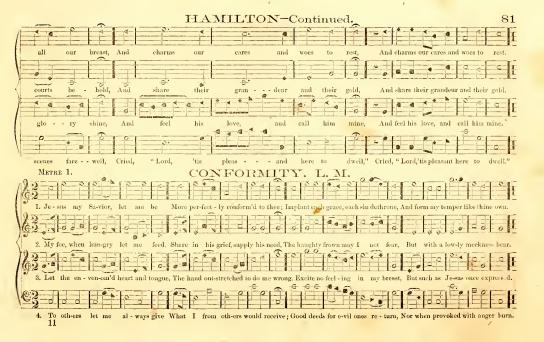




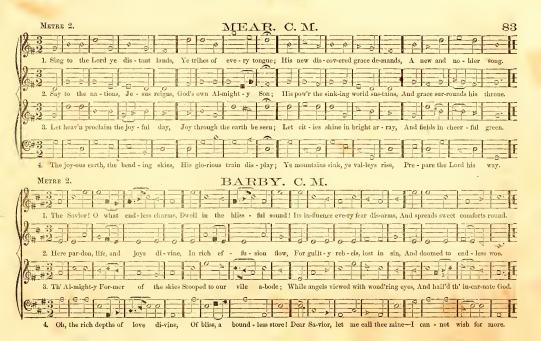






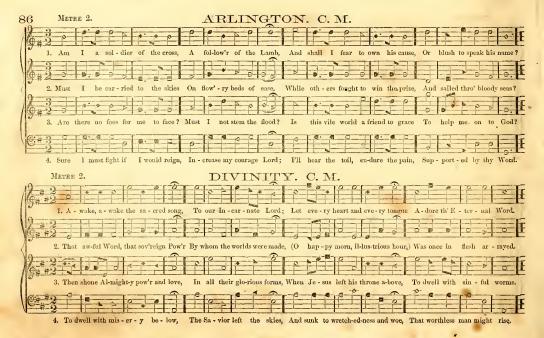










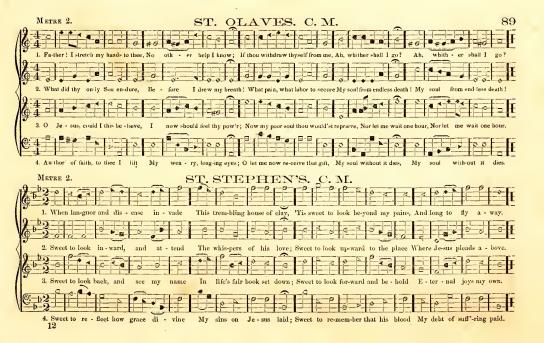


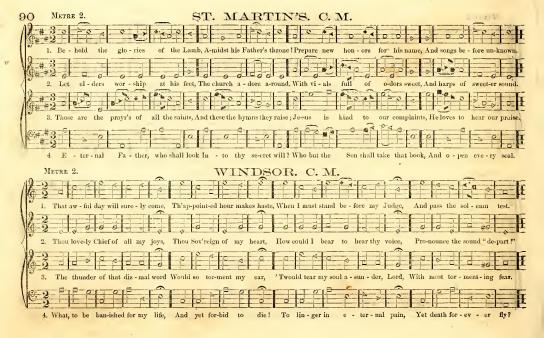


4. They come! they come! thine exiled bands, Where'er they rest or roam, Have heard thy voice in dis-tant lands, And hast-en to their home.











ta - bors have an end In joy and peace and thee?

With sal - va - tion strong, And streets of shi - ning gold?

And Sab - baths nev - er end.

7. Je

scenes,

rude

and

- 6. Apostles, prophets, martyrs there Around my Savior stand; And soon my friends in Christ below Will join the glorious band.
- Jerusalem, my happy home— My soul still pants for thee;
 Then shall my labors have an end, When I thy joys shall see.

yon.





- 2. When in his earthly courts we view
 The glories of our King,
 We long to love as angels do,
 And wish like them to sing.
- 5. And shall we long and wish in vain?

 Lord, teach our songs to rise!

 Thy love can animate the strain,

 And bid it reach the skies.





4. I love by faith to take a view, Of bright -er scenes in heav'n; The pros-pect doth my strength re-new, While here by tem-pests driv'n.

5. Thus when life's toilsome day is o'er, May its de -part-ing ray, Be calm as this im-press-ive hour, And lead to end-less day.

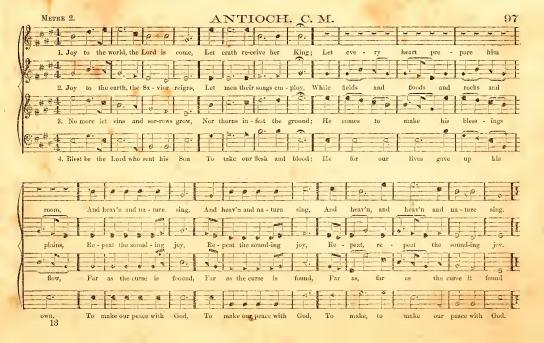


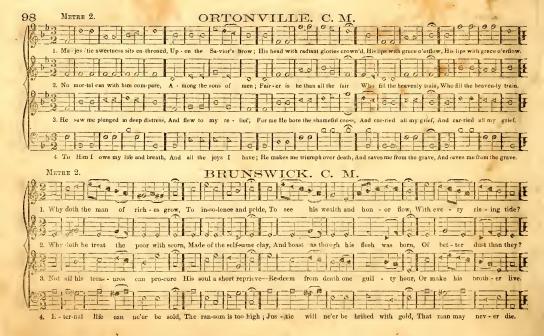






- Unnumber'd comforts on my soul
 Thy tender care bestow'd,
 Before my infant heart conceived
 From whom these comforts flow'd.
- 3. When in the slippery paths of youth
 With heedles steps I ran,
 Thy arm unseen, convey'd me safe,
 And led me up to man.
- Ten thousand thousand precions gifts
 My daily thanks employ;
 Nor is the least a cheerful heart,
 That tastes those gifts with joy.
- Through every period of my life,
 Thy goodness I'll pursue;
 And after death, in distant worlds,
 The glorious theme renew.













- 4. My soul would leave this heavy clay,
 At that transporting word!
 Run up with joy the shining way,
 T' embrace my dearest Lord,
 T' embrace my dearest Lord.
- Fearless of hell and ghastly death, I'd break through every foe;
 The wings of love and arms of faith, Should bear me conq'ror through, Should bear me conq'ror through.









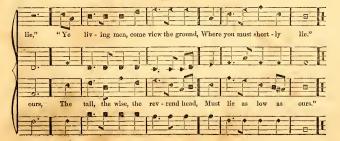










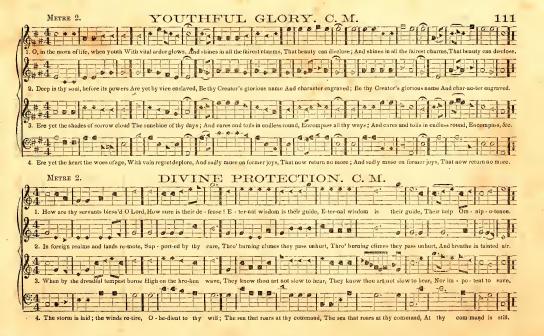


- 3. Great God, is this our certain doom?

 And are we still secure?

 Still walking downward to the tomb,

 And yet prepare no more?
- Grant us the power of quickening grace,
 To fit our souls to fly;
 Then when we drop this dying flesh,
 We'll rise above the sky.





4. Re-turn, O ho - ly
5. The dear-est i - dol
I have known,—What-e'er that i - dol
Ver the from my breast.

I hate the sins that made thee mourn, And drove thee from my breast.

I hate the sins that made thee mourn, And drove thee from my breast.

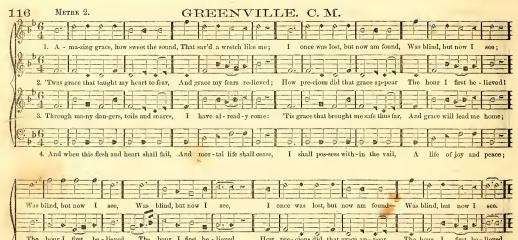
I hate the sins that made thee mourn, And drove thee from my breast.



Here you may quench your ra - ging thirst, With springs that nev-er dry, With springs that nev-er dry, With springs that nev-er dry,





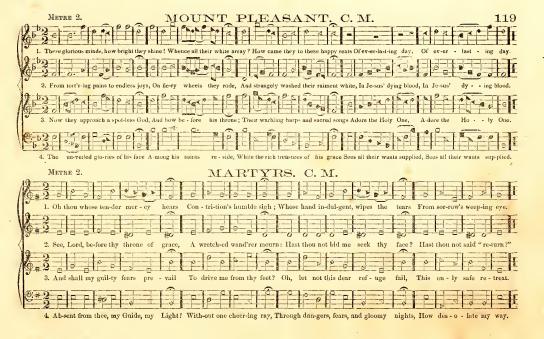






4. No sighs of grief my bo - som heave, No tears of an - guish roll; My friends, my all I glad - ly leave, For Je - sus cheers my soul,



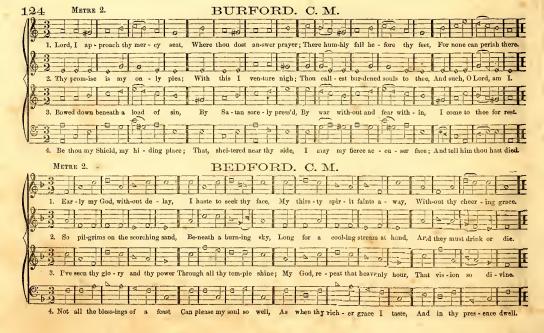








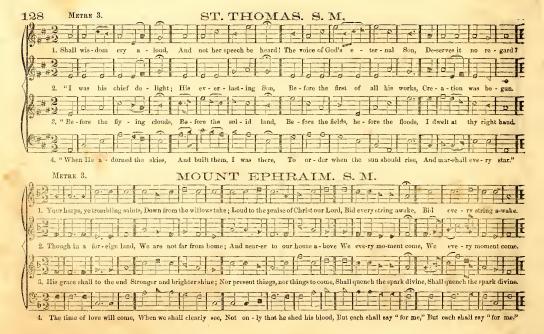


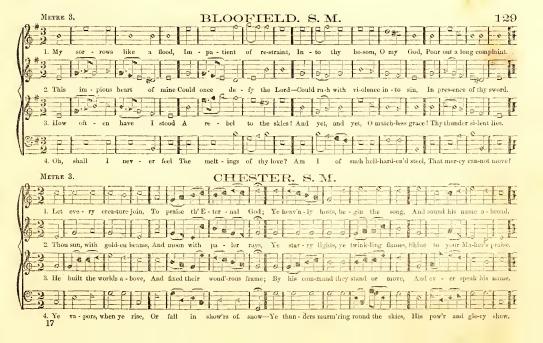












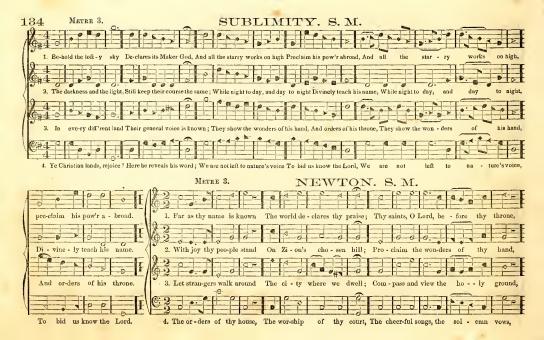








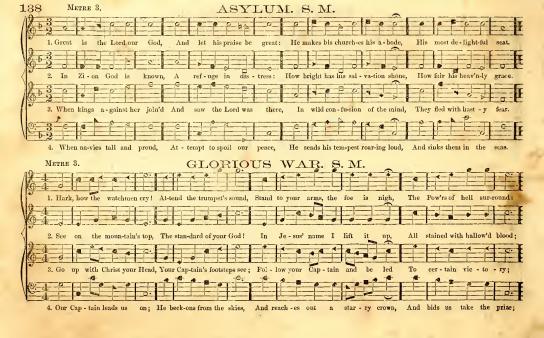














METRE 3.

HANTS. S. M.

1. Give to the winds thy fears, Hope and be undis - may'd; God hears thy sighs and counts thy tears, God shall lift up thy head.

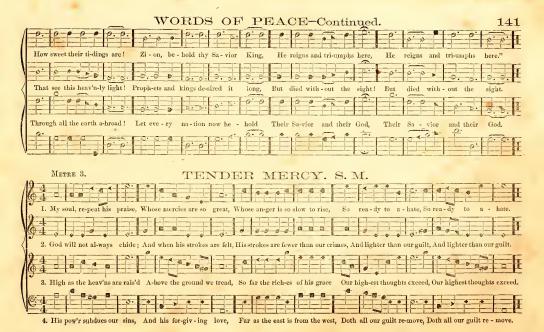
2. Thro' waves, and clouds and storms, He gently clears...... thy way; Wait thou his time, so shall this night Soon end in joyous day..... Soon end in joy - ous day.

3. What tho' thou ru-lest not, Yet heav'n and earth...... and hell Pro-claim God siteth on the throne, And ru-leth all things well....... And ru-leth all things well.

4. Thine ever - last - ing truth, Fa-ther, thy cease -less love, Sees all thy children's wants, and knows What best for each will prove. What best for each will prove









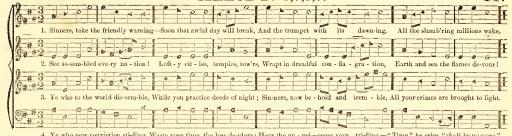












4. Ye who now conviction sti-fling, Waste your time, the loss de-plore; Hear the an - gel-cease your tri-fling, - "Time," he cries, "shall be no more."



Wit-ness, all ve hosts of heav-en. My Re - deem-er's ten-der - ness! Love I much?-I've much for-giv-en- I'm a mir - a - cle of grace,





Love I much ?-I've much for-giv-en,

3. Love and grief my heart dividing. With my tears his feet I'll bathe :

May I still enjoy this feeling. In all need to Jesus go;

I'm a mir - a - cle

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Constant still in faith abiding, Prove his wounds each day more healing, Life deriving from his death; And himself more deeply know. METRE 4. BETHLEHEM. 8,7,8,7. 1. Hark! what mean those ho-ly voi - ces Sweetly sound-ing thro' the skies? Lo! th' an-gel - ic host re - joic - cs. Heav'n-ly hal - le - lu-jahs rise. sto - rv, Which they chant in hymns of joy : Glo - rv, in the high - est, 3. Peace on earth, good will from heav-en, Reaching far as man is found, Souls re - deemed and sins for - giv - en-Loud our golden harps shall sound.

While up - on the Lamb I gaze!













4. Save us, in thy great com - pas-sion, Oh thou Prince of peace and love! Give the knowl-edge of sal - va - tion, Fix our hearts on things a - bove.





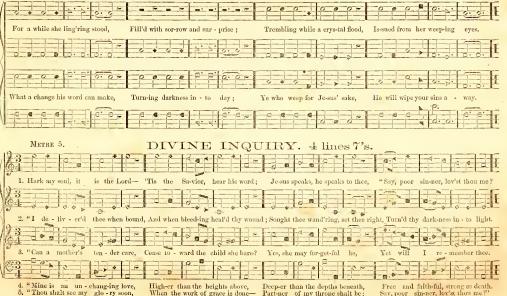




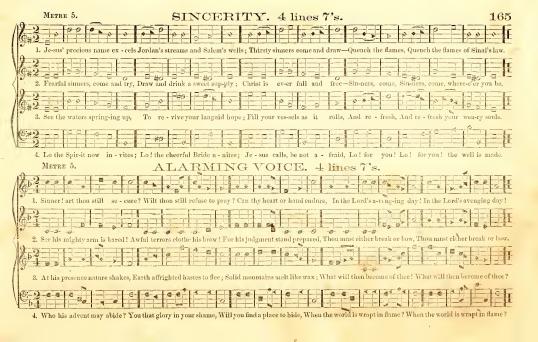












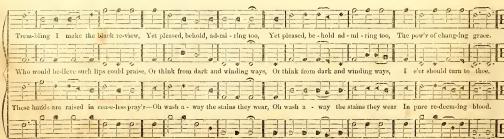






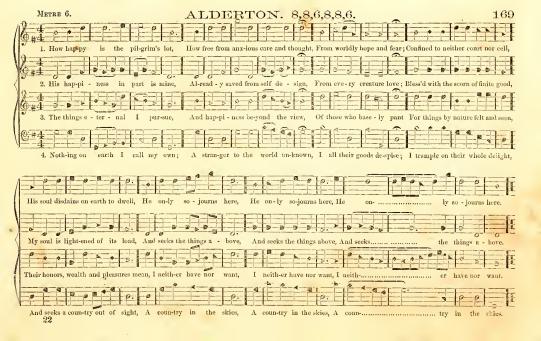
me eome a - wav:

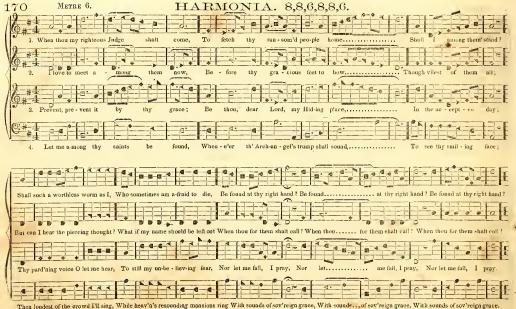




Now deaf to

all th'en-chanting noise, A - void the throng, detest their joys, A - void the throng, detest their joys, And long to hear thy word,















Hal-le - lu-jah, Hal - le - lu - jah, Je - sus' word is glo - ri - fied,









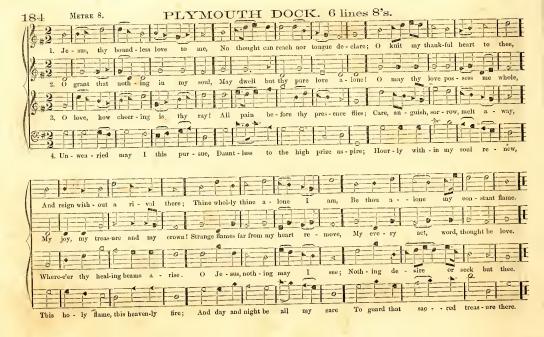












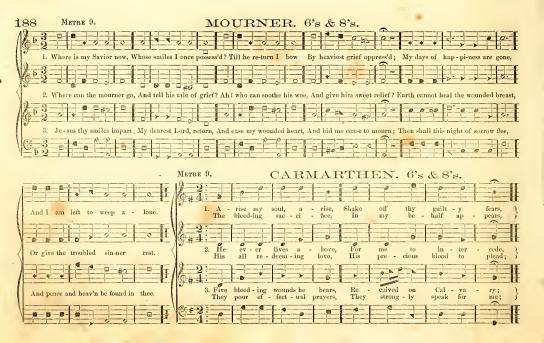






2. But Of from an man longues shound no-ber praises now, Your voices raise, ye high - ly blest; A - bove the rest de-clare his praise.

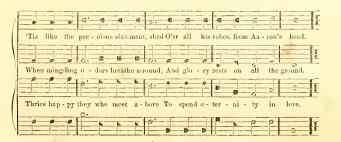
O! from hu - man tongues Should no-bler praises flow,











To God I lift mine eyes,
From him is all my aid;
The God who built the skies,
And earth and nature made;
God is the tower to which I fly;
His grace is nigh in every hour.

My feet shall never slide,
And fall in fatal snares;
Since God, my guard and guide,
Defends me from my fears:
Those wakeful eyes that never sleep,
Shall Israel keep, when dangers rise.























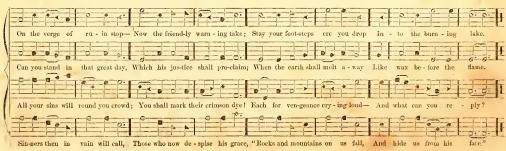
















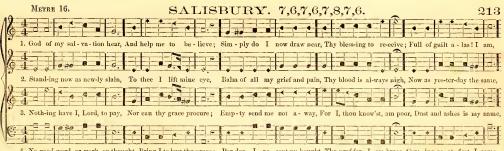












4. No good word, or work, or thought, Bring I to buy thy grace; Par-don I ac - cept un-bought, The prof-fer I em-brace, Com-ing as at first I came,







me."

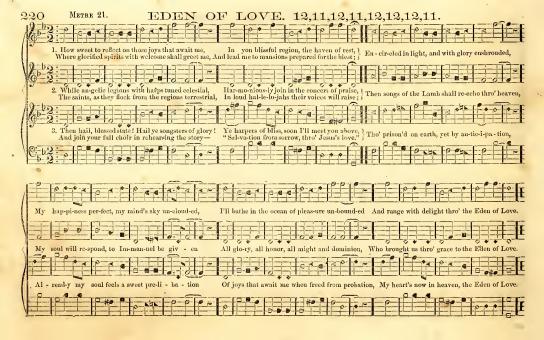




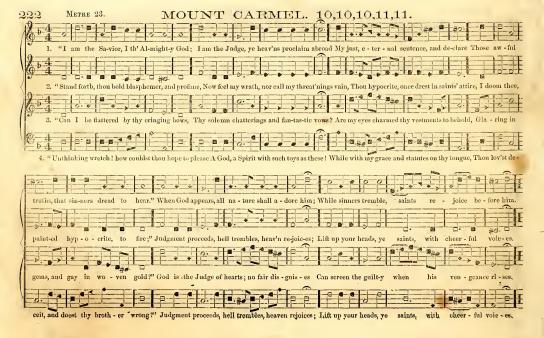










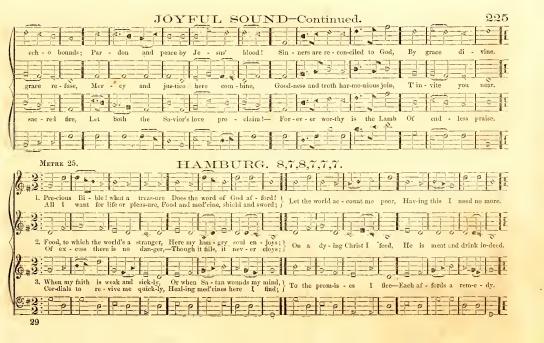








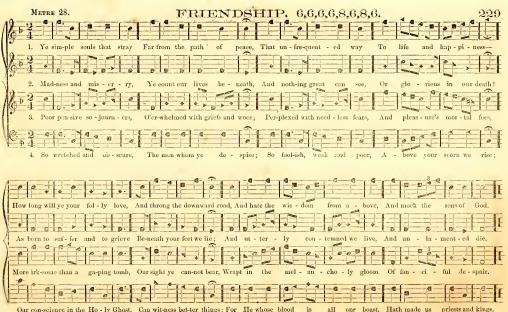
* By repeating the notes of the fourth line of this tune, it will be the same metre with that of Gospel Tanmpet.



















6. But if you find with his gracious message. Cleave to the world and love its guilty peasure, Mercy grown weary, shall in righteons judgment, Quit you forever.

7. Where the worm dies not and the fire eternal, Fills the lost soul with anguish and with terror, There shall the sinner spend a long forever, Dyi yo unpardou'd, Dying unpardou'd,

30





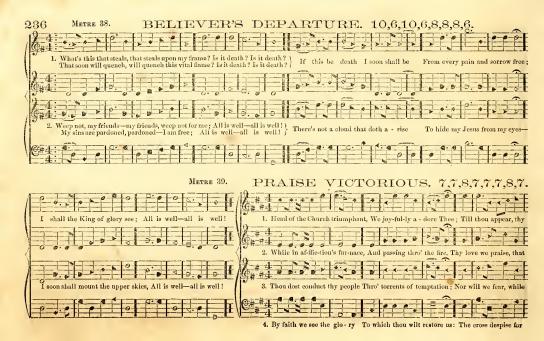


In - stant - ly a - dore him; An - gels' trumps resound his fame, Lutes of lucid gold proc-laim All the mu-sic of his name, Heav-en ech-o-ing the same.

Sing the great sal-va-tion; Cast their crowns be - fore his throne, Cry in rev-er - on-tial tone, "Glo-ry be to God alone, Ho-ly!holy!holy One."

Sing of Him who saves us; Sweet - est sounds in scr-aph's song-Sweet-est sounds on mortal's tongue-Sweetest carol ever sung-Let its echoes flow along.





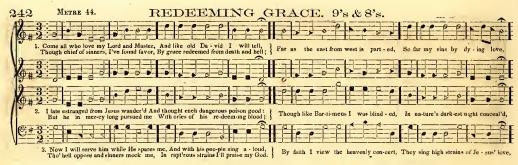
















Sinners, seek the joys a bove, Sinners, turn and live! Here is freedom worth the name—Tyrant sin is put to shame—Grace inspires the hallow'd flame—God the crown will give.

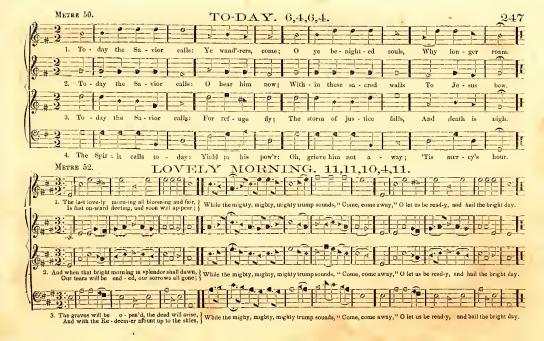














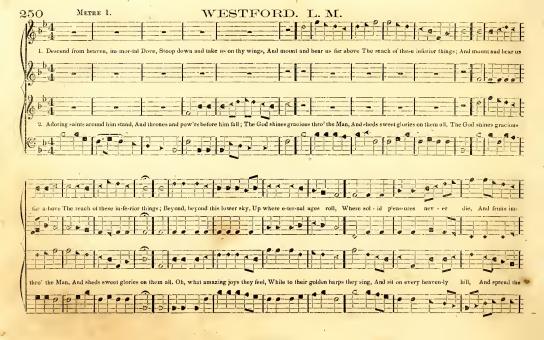
A greater variety of Metres will be continued throughout the second part of this work.

PART II.

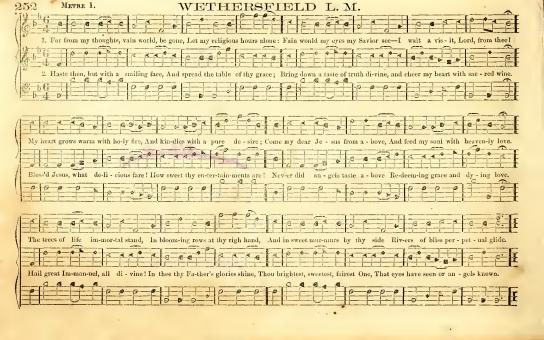
CONTAINING THE LONGER TUNES OE DIFFERENT METRES, SET PIECES, AND ANTHEMS.

"Nor now among the choral harps, in this The native clime of song are those miknown, With higher notes ascending, who below, In holy ardor aimed at lotty strains. True fame is never lost; many whose names Were honored much on earth, are famous here For poetry, and with archanged here Hold no mequal rivalry in song! Leading the choirs of heaven, in numbers high. In numbers ever sweet and ever new."—Pollok.









Let thy biossings go with them—O be thou their shield from the shafts of the fowler that fly; O thou Savior of sinners! thus arm be revealed, In thy mercy and might from on high







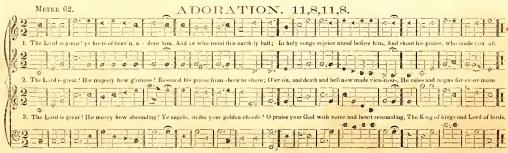














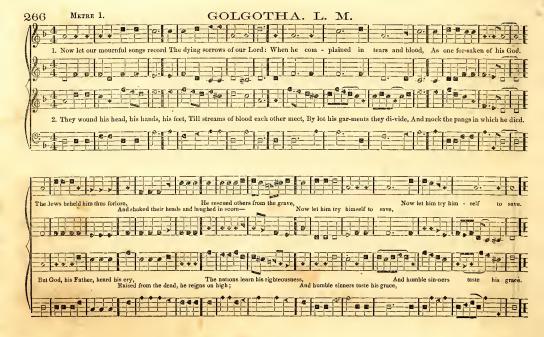


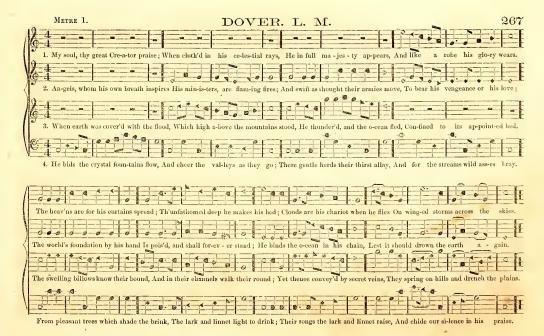


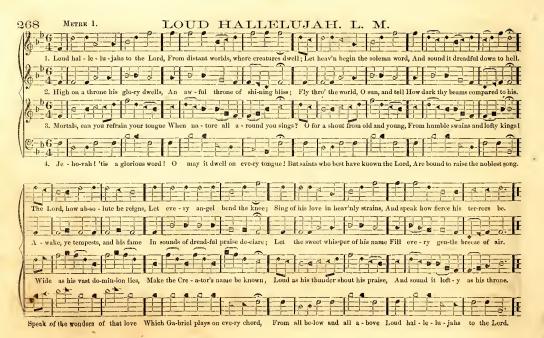




bo - som peace; O speak, In - spir-er, from a - bove, And checr our hearts, ce - les - tial Love, And checr o r hearts, ce - les - tial Love,

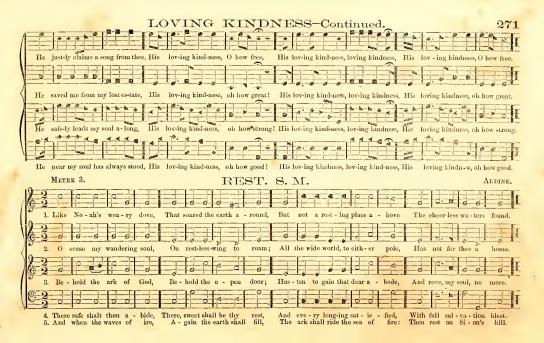


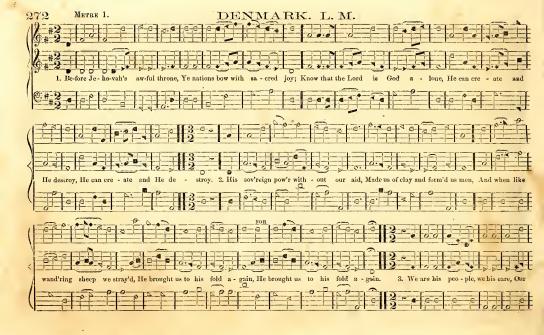


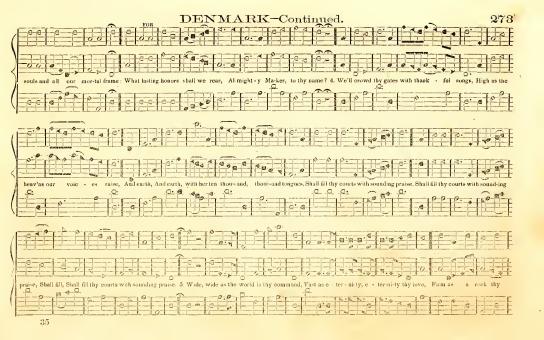


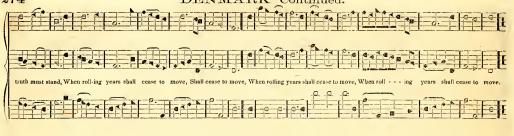








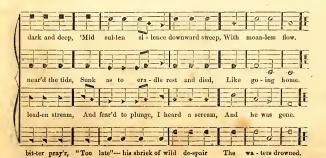






4 There fragrant flow'rs immortal bloom, And joys supreme are giv'n, There rays divine disperse the gloom; Beyond the dark and narrow tomb, Ap-pears the dawn of heav'n.

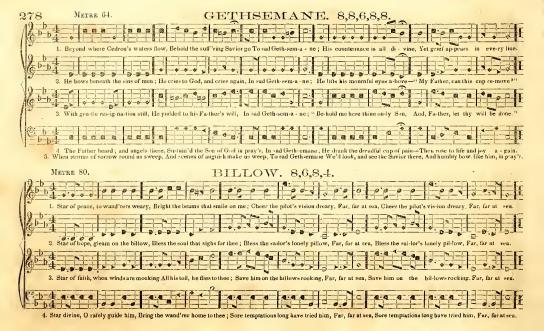




- 5. Next stood upon the surgeless shore
 A being bowed by many a score
 Of toilsome years;
 Earth-bound and sad he left the bank,
 Back turned his dimming eyes, and sank,
 Ah, full of fears.
- 6. How bitter must thy waters be,
 O death! how hard a thing, ah me!
 It is to die;
 I mused, when to that stream again,
 Another form of mortal men,
 With smiles drew nigh.
- 7. "Tis the last pang," he camly said,
 "To me, O death! thou hast no dread;
 Savior I come!
 Spread but thine arms on yonder shore,
 I see, ye waters, bear me o'er,
 There is my home."



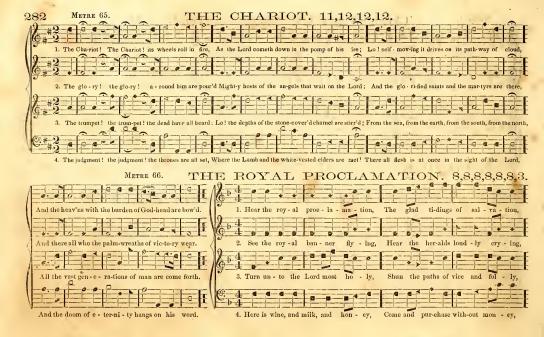
Let me go-I'd cease this dy - ing, I would gain life's fair-or plains, Let me join the my-riad harp-ers, Let me chant their rapt'rous strains.











4. There pu - ri - ty with love ap-pears, And bliss with-out al - loy; There they who oft have sown in tears, Shall reap a - gain in





4. Mn-sic now is ring-ing Thro' the sha-dy grove, Feathered songs-ters sing - - ing, War-ble, God is love, 5. Wake my heart, and springing, Spread thy wings a-broad; Soar-ing still and sing - - ing, God is ev - er good, Ev - er good,

















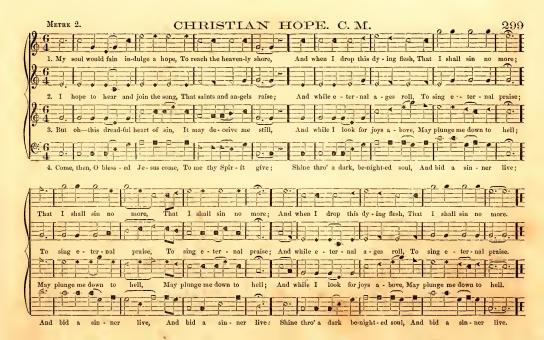


















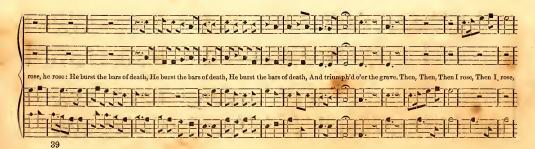










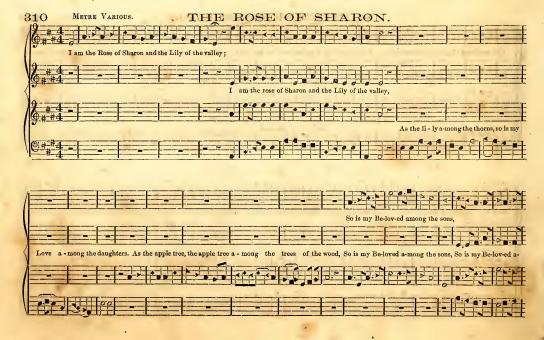










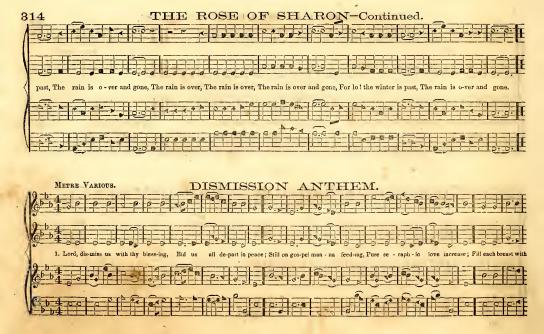


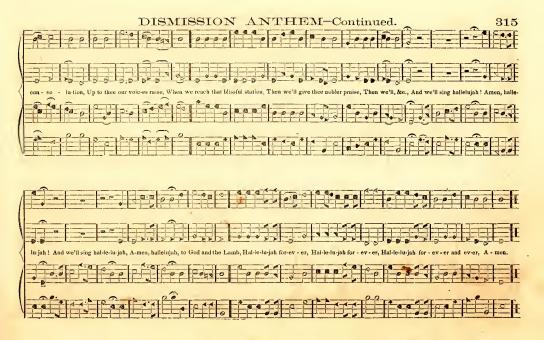
































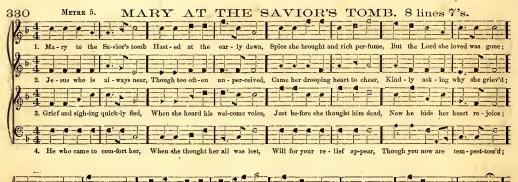


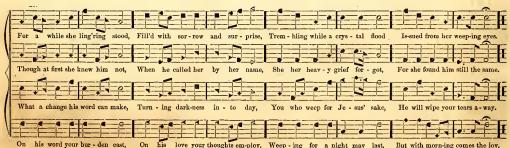








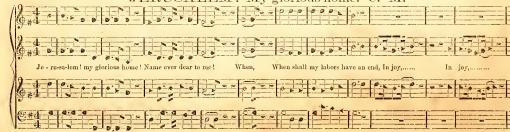
























And all the earth shall hear, And all the earth, And all the earth shall

- 2. Grace first contrived a way To save rehellious man; And all the steps that grace displays, Which drew the wondrous plan.
- 3. Grace led my roving feet To tread the heavenly road; And new supplies each hour I meet, While passing on to God.
- 4. Grace all the work shall crown. Through everlasting days; It lays in heaven the topmost stone, And well deserves the praise.











5. We would no longer lie Like slaves be - neath the throne; Our faith shall Ab-ba Fa-ther cry, And thou the kindred own, And thou the kindred own, And thou the kindred own.



3. I listened a moment, then turned me to see
What man or convassion this Stranger could be!
I saw him low kneeling upon the cold ground,
Alone on a spot in the garden He found.

4. His mantle was wet with the dews of the night;
His locks by pale moonleams were glist'ning and bright;
His eyes, bright as diamonds, to heaven were raised,
While angels in wonder stood round him amazed!

5. So deep were his sorrows, so fervent his prayers.

So deep were his sorrows, so fervent his prayers,

I went to behold Him! I asked Him his name!

He answered, "The Jesus! from heaven I came!

6. "I am thy Redeemer, for thee I must die!

The up is most bitter, but cannot pass by!

Thy sins like a mountain, were laid upon me,

And all this deep anguish I suffer for thee the

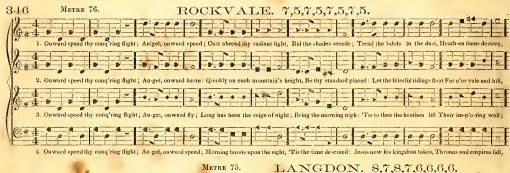
7. I trembled with horror, and loudly did cry, "Lord, save a poor sinner! O save, or 1 die!" He smiled when he saw me, and said to me "Live!, Thy sins which are many, I freely forgive."
You work me, the programs he large we existed.

8. How sweet was the moment he hade me rejoice! His smile, oh how pleasant! how cheering his voice! I flew from the garden to spread it abroad, And shouled "Salvation" and "Glory to God."









All."

And the joy-ous song a-wakes, "God is All in

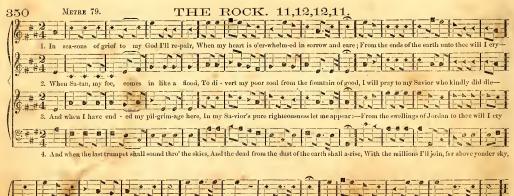




last. Home at

last.

We stand se-cure on the glo - ri - fied shore, Glo - ry to God! we will shout ev - er - more, We're home at

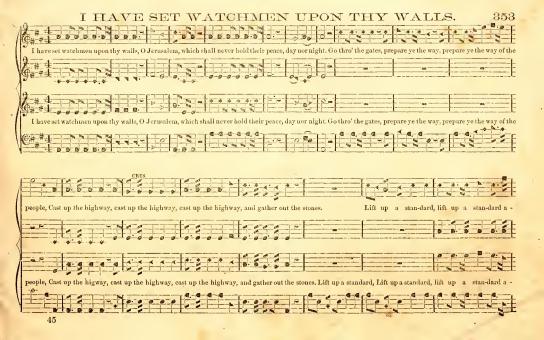
















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