THE

# **KEY-STONE COLLECTION** CHURCH MUSIC: A COMPLETE COLLECTION OF HYMN TUNES, ANTHEMS, PSALMS, CHANTS, &C. TO WHICH IS ADDED THE PHYSIOLOGICAL SYSTEM, for Training Choirs and Teaching Singing Schools.

BY A. N. JOHNSON.

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57th Edition. **EY-STONE COLLECTION** 0 F CHURCH MUSIC: A COMPLETE COLLECTION OF YMN TUNES, ANTHEMS, PSALMS, CHANTS, &C. WHICH IS ADDED THE PHYSIOLOGICAL SYSTEM, For Training Choirs and Teaching Singing Schools; AND THE CANTATA, THE MORNING OF FREEDOM. BY A. N. JOHNSON. PHILADELPHIA: E. CLAXTON & COMPANY.

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GF Leaders of Choirs who use this book, are earnestly requested to read the "Department of Musical Expression." commencing on page 44,) and particularly the "Note to Leaders and Teachers," on page 48.

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THE

# PHYSIOLOGICAL SYSTEM

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# VOCAL MUSIC,

yon

# TRAINING CHOIRS AND SINGING ASSOCIATIONS

AND

# TEACHING SINGING SCHOOLS.

# BY A. N. JOHNSON,

SSISTED BY

E. H. FROST.

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# 4 EXPLANATION OF THE USE OF THE PHYSIOLOGICAL SYSTEM IN CHOIRS.

Ir the members of a choir are all familiar with the instructions which are set forth in this system, of course there will be no necessity for introducing it to their notice. The members of a choir *must* be versed in all these instructions or they *cannot* be good singers. If they are not, the Leader will find the instructions of the different chapters so constructed as to enable him easily to impart "line upon line, and precept upon precept, here a little and there at little," until they become well versed in it. The following will illustrate to Leaders the qualities which choir members *must* possess in order to sing a tune perfectly:

Ist.—They should be able to read the music correctly, as taught in the first department.

2ud.—They should know the exact position of the vocal organs, and the direction of the breath which will produce every tone within the compass of their voices, as tanght in the second department. 3rd.—They should have the *habit* of instant obedience to the "word of command" of the Leader, as 'anght in the Fourth Department.

a Finally.—They should be thoroughly and "heartily" versed in "Mechanical Expression," "Modulation," and above and before all, "Emotional Expression," as taught in the third department. The peculiar value of this system to a choir Leader is, that after he familiarizes himself with it, he can at once turn to an explanation of any fault which his choir, or any member of it can commit, and find the necessary instructions for its correction.

# EXPLANATION of the use of the PHYSIOLOGICAL SYSTEM IN SINGING SCHOOLS.

It is not designed that the pupils shall study the First Department through, before commencing the second department—the second department through before commencing the third—and so on. The author believes that everything appertaining to an absolutely perfect course of instruction in Singing is contained in this system, and that the teacher will find everything fully explained and illustrated, so as to put him to no trouble to prepare illustrations. There is one point, however, which it has been found absolutely necessary to leave entirely to the judgement of the teacher, and that is, When and where the different chapters of the several departments shall be introduced to a school.

Singing Schools are composed of such different classes of scholars,—some schools being composed almost entirely of "new beginners,"—some being composed almost entirely of those who have attended singing schools before—and some being composed of a mixture of "new" and "old" scholars,—and schools being held under such a variety of circumstances, and for such different periods of time, that the author does not feel safe in giving any definite directions with respect to the order in which the instructions of the

different departments are to be given, but is compelled to leave it to the judgment of the Teacher. It is the only thing in the system with respect to which the Teacher is put to the trouble of forming his own plan. With respect to everything else it is believed the explanations are as full as it is possible to make them.

The following will serve to illustrate the different ways in which a singing school may be instructed in the different instructions of the different Departments:

#### FIRST WAY.

The School can take up the First Department and go through with it, without attending to the other departments at all, null the first department is finished. Then as much of the other department can be introduced as the time of the school will permit.

#### SECOND WAY.

The teacher can commence a school by causing the scholars to attend to the first three chapters of the Second Department, before commencing the First Department. Then he can introduce the first chapter of the first department, and thus carry on the first and second departments together, bringing in the other departments towards the close of the course. Strictly speaking there can be no doubt but that the second department ought to be learned before the first, because it teaches *him to make the tones*, while the first department teaches the notation which represent the tones which make the song, to produce a given tune. Of course, the pupils ought to learn how to make the tones, before singing from the notes which exceeds the tones which exceeds the tones which exceeds the tones which exceeds the tones. perhaps the plan of introducing two or three chapters of the second department, and then two or three of the first, is as useful a method as can well be adopted.

#### THIRD WAY, J

The teacher can introduce the Fourth Department first, and before he proceeds with the other departments, he can have the school disciplined, so that every direction the leader gives will be at once obeyed.

#### OTHER WAYS.

In short, the different ways in which the instructions of the different departments can be introduced to a school are almost innumerable. One thing is certain : No one will be a perfect singer until familiar with all the instructions contained in this system. - It remains then, '(as has been already remarked). for the teacher to take into account the acquirements of his scholars, the nuother of lessons in his course, and all the other circumstances of his school, and use his own indement, how to introduce the various instructions. Although it is true that no one can be a perfect singer without being familiar with all the instructions of this system, it is not supposed that in all classes it will be possible for the teacher to teach them all, but it is presumed teachers will in all classes, go through with, at least "The first course of Musical Notation," and give his pupils at least a general idea of all the departments. The more thoroughly the different departments can be taught, the more perfect singers will the pupils become.

#### DIFFERENCE BETWEEN THIS AND OTHER SYSTEMS.

The science of Music embraces two grand departments-" Theory" and "Practice."" To study the Theory fully, one must study, 1st-Elements. 2ad-Thorough Base. 3rd-Harmony. 4th-Counterpoint. 5th-Fugue: 6th-Canon. 7th-Form. It will take several years to master this study completely, and it is purely an intellectual study-a task for the brain. To study the Practice of music one's time will be occupied solely with acquiring the mechanical ability to produce the tones. If the tones are to be produced on the piano, the student's time will be wholly occupied in mastering the nerves which move his fingers; when he gets his fingers completely under control, he will he a good piano player, and not before. The study of the theory of music would not aid him in playing the piano in the least." Though he should master the whole course of musical theory, he could not play a tune upon the piano, because it is his *fingers* which must produce the tones, and not his brain ; and the highest culture of his brain will have no effect whatever upon the movement of his fingers. So with the practice of all instruments. T 'The' time of the student who learns to play upon any one, will be occupied in controlling the nerves which produce the tones upon the instrument, and never with the study of Musical Theory, because no amount of theoretical knowledge will impart the smallest ability to control the instrument. The difference between the Physiological System and the system of teaching vocal music in common use, is, simply, that the system in common use belongs mainly to the department of Musical Theory, and occupies the time of its students in acquiring knowledge which belongs to Musical Theory, while the Physiological System is entirely confined to the department of Musical Practice. The Physiological System does not require its student to leave why this or that thing connected with the Theory of music is so, because it would not aid him in singing

in the least if he knew, and because if he wants to know he should get a work on Musical Theory and study that, and not seek to acquire such information by studying a system designed to teach singing." But although the Physiological System does not teach so much of the Theory of mosic as the other system; it does what the other system does not-it teaches its student how to control the nerves which produce the tones. It occupies his time in learning to control those organs which produce the various tones in the compass of his voice. As to acquire the control of his fingers is almost the whole study of a piano-forte student, so to acquire the control of the organs of the mouth and throat, and the other organs which have to do with the production of musical tones, should be almost the whole study of a student in singing. The Physiological System makes it so, requiring him to study only just enough of the Theory to know what the notes mean. The other system forces its students to occupy much of their time in studying items which belong to the department of Musical Theory and Musical Philosophy-which, however necessary in other branches of music, have no use whatever in the department of singing-while it leaves them to guess at the way to control the vocal organs. - If they guess right they will sing with pure mellow tones, and perfect intonation ; if they guess wrong, they will sing with coarse, rough, hard, shrill, and numerous other impure qualities of tune, and with every degree of false intonation. Alas, how few, taught upon the system of vocal music in common use, guess the right way of controlling the vocal organs ? How infinitely hetter to teach that, and neglect every thing else, than to teach every thing else, and neglect that.

#### HOW TO USE THE FIRST DEPARTMENT.

From what has been said it will be readily understood that the first department simply explains that the various items which it explains are so, without going at all into the philosophy of the subject, on the ground that a knowledge of the reasons why the various items are so, would be of no use whatever in singing, and because whoever wishes to learn musical theory, should study works on theory and not works on singing. All a singer wants of musical notation, is to know what the notes mean. This is all there is for his brain to do in learning to sing-merely to learn what the notes mean. When studying the first department the pupil's time will be mainly occupied in training his eye to tell readily and quickly what the notes mean. This is the point at which he should aim in all his practice in the first department. It is believed the first department in this system is admirably constructed to impart this ability to the pupils. While it has not a word of useless speculation to perplex his brain, it has a course of carefully and skillfully constructed exercises which will lead him into the practice of tunes, and gradually eccustom his eye to read music readily, which indeed is the sole design of the First Department. The teacher will notice that the first department is divided into two courses. The First Course is a complete course for accustoming the eye to read music in all the keys, and lead the students easily and pleasantly into the practice of tunes. After finishing the first course, the teacher should introduce the second course, and then proceed at once to practice all kinds of musical pieces, simply following the plan of whatever, appertaining to the department of musical notation, occurs in the tune, which has not been explained to the pupils before. For example, if the piece on page 58 is to be practiced, explain Double Sharps, &c., &c.

# THE PHYSIOLOGICAL SYSTEM OF VOCAL MUSIC.

# The study of Vocal Music is divided into FOUR DEPARTMENTS, viz. THE DEPARTMENT OF MUSICAL NOTATION, THE DEPARTMENT OF THE CULTIVATION OF THE VOICE, THE DEPARTMENT OF MUSICAL EXPRESSION, THE DEPARTMENT OF MUSICAL DISCIPLINE,

To be a good singer, it is necessary to know what every note and musical character that is printed in the various singing books, means, and to be able to perform them, or in other words, to be able to do the things which the notes and characters denote. This is taught in the *First Department of Vocal Music*, the department of *Musical Notation*.

To be a good singer, it is necessary to understand the way to manage the the Department of Musical Discipline.

argans of the Mouth and Throat, the muscles of the Lungs and Abdomen, and all the nerves and organs which are brought into play in producing musical tones. This is taught in the Second Department of Vocal Music, the Department of The Cultivation of the Voice.

To be a good singer, it is necessary to have such a control of the vocal organa as to be able to sing with all the grades of the loud and soft tones of the voices, and with all the modulations, or qualities of tone of which the voice is susceptible. This is taught in the *Third Department of Vocal Music*, the Department of *Musical Expression*.

To be a good singer, it is necessary to have the ability to obey the directions of the Leader, with the same readiness and certainty that a soldier obeys his commanding officer. This is taught in the Fourth Department of Vocal Music, the Department of Musical Discipline.

# THE FIRST DEPARTMENT OF VOCAL MUSIC.

# MUSICAL NOTATION.

To be able to sing tunes and pieces which are printed in Singing Books, and Musical Publications, it is necessary to know the meaning of all the characters which are used in printed music, and also to be able to produce the Singing Tones which these printed characters represent. This is taught in the "First Department of the study of Vocal Music," "The Department of Musical Notation."

# CHAPTER L

#### THE SCALE.

NOTE. The Teacher should carefully read the explanations on page 5, before commented ing this chapter.

The SCALE is composed of EIGHT musical tones.

The tones of the scale are named ONE, TWO, THREE, FOUR. FIVE, SIX SEVEN, RIGHT.

# MUSICAL NOTATION

The Italian syllables Do, Re, Mi, Fa, Sol, Ls, Si, Do, (pronounced Doe, Ray. Me, Fah, Sole, Lah, See, Doe,) are used in singing the scale.

How many tones compose the scale? What is the name of the first tone of the scale? Ans. Oxp. What is the name of the second tone of the scale? The Third? Forth? Fifth? Sixth? Seventh? Eighth? What syllable is need when own is sang? Ans. Do. What syllable is used when two is sang? Three? Four? Five? Six? Seven? Eight?

NOTE. The teacher must now sing the tones of the scale, requiring the pupils to imitate him, continuing the exercise until the class generally, can sing them accurately.

# CHAPTER II.

#### THE STAFS.

The top is of the scale are represented by characters placed upon a sories of lines and spaces, called the STAFF.

The lowest line of the stoff, is called the FIRST LINE.

The line of the staff next above the lowest line, is called the SECOND LINE. The middle line of the staff, is called the THIRD LINE.

The line next below the bighest line of the staff, is called the FOURTH LINE. The bighest line of the staff, is called the FIFTH LINE.

THE STAFF.



THE STAFF, WITH THE NAMES OF THE LINES APPENDED.

	line.		
	line.		
	line.		
	line.		
1,1	line.	••	

What is the name of the lowest line of the staff? What is the name of the line of the staff, next above the lowest line? What is the name of the middle line of the staff? What is the name of the line of the staff. How many lines compose the staff?



A note is considered as placed upon that line of the staff upon which the head or bulb rests.

Upon which line of the staff in the above example, is the first note placed? Ans. Upon the FIRST LINE. Upon which line of the staff in the above example is the second note placed? The third note? The fourth acte? The fifth note? The sixth note? The seventh note? The eighth note? The minth note? The tenth note? The eighth note?

The space between the first and second lines of the staff is called the FIRST SPACE.

The space between the second and third lines of the staff is called the SECOND SPACE.

The space between the third and fourth lines of the staff is called the THIRD SPACE.

The space between the fourth and fifth lines of the staff is called the FOURTH SPACE.

What is the space between the first and second lines of the staff called? Ans. The FIRST SPACE. What is the space between the second and third lines of the staff called? What is the space between the third and fourth lines of the staff called? What is the space between the fourth and fifth lines of the staff called?

The space below the first line is called the SPACE BELOW THE STAFF, or more commonly, for the sake of brevity, the SPACE BELOW

The space above the fifth line, is called the SPACE ABOVE THE STAFF, or more commonly, for the sake of brevity, the SPACE ABOVE.

#### THE STAFF, WITH THE NAMES OF THE SPACES APPENDED.

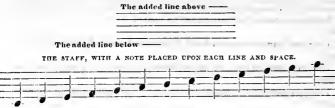


#### THE STAFP, WITH NOTES FLACED UPON THE SPACES.



Upon which space is the first note in the above example placed? Ans. Upon the FIRST SPACE. The second note? The third note? The fourth note? The fifth note? Ans. Upon the SPACE BELOW. The sixth note? Ans Upon the SPACE ADOVE. The seventh note? The eighth note? The ninth note? The tenth note? The eleventh note? The twelfth note? A short line placed below the staff is called the ADDED LINE BELOW THE STAFF. or more commonly, for the sake of brevity, the ADDED LINE BELOW.

A short line placed above the staff is called the ADDED LINE ABOVE THE STAFF, or more commonly, for the sake of brevity, the ADDED LINE ABOVE.



Where is the first note in the above example placed? Ans. Upon the ADDED LINE RE-LOW. The second note? Ans. Upon the SPACE DELOW. The third note? Ans. Upon the FIRST LINE. The fourth note? Ans. Upon the FIRST SPACE. The other notes?

Note. If there is any difficulty in acquiring a fluct knowledge of Musical Notation, it must be solely in familiarizing the eye to the places of the notes upon the staff. Although its difficult to imagine why a child or an adult, whose intellectual faculties are sufficiently developed to appreciate and remember the twenty-six differently shaped characters which represent the letters of the alphabet, should find any difficulty in comprehendug such facts, as that a note pluced upon the second line represents FIVE of the scale, a note upon the first space, Form, &c. yet books have been issued with New Notations, under the apprehension on the part of their authors, that the necessity of learning the lines and spaces which represent the tones of the scale, presents an insurmountable obstacle to the icarner. It is helieved that the thorough study of this chapter, will render the pupils so familiar with the staff, that little or no difficulty will be experienced, in reference to it, in the subsequent lessons.

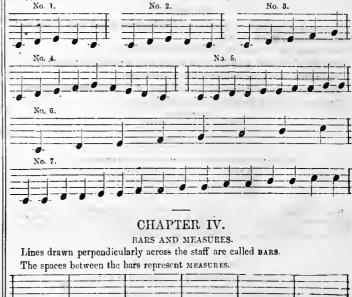
# CHAPTER III.

#### THE TONES OF THE SCALE REPRESENTED UPON THE STAFF.

A note placed upon the added line below, represents ONE. A note placed upon the space below, represents TWO. A note placed upon the first line, represents THREE. A note placed upon the first space, represents FOUR. A note placed upon the second line, represents FIVE. A note placed upon the second space, represents SIX. A note placed upon the third line, represents SIX. A note placed upon the third line, represents SIVEN. A note placed upon the third space, represents SIOHT.



NOTE. Question thoroughly, as follows: "How is one represented upon the staff?" (Ans. By a note placed upon the added line below.) "How is two represented?" &c. continuing the exercise until the manner in which the tones of the scale are represented upon the staff is perfectly understood. Then require the pupils to sing the following exercises, questioning thoroughly in reference to each as follows: "What tone of the scale does the first note represent?" &c. &c., and occupying time enough in singing each note, to give every pupil an opportunity to think what tone of the scale the note represents.



How many bars are there in the above example? How many measures?

# MUSICAL NOTATION.

Note. The design of the following exercises is to render the pupils, familiar with the staff. An idea of time can also be imparted, by calling attention to the fact that there is an equal number of notes in each measure, and requiring the pupils to make the tones of eqoal length. Many teachers attach too much importance to beating the time. It may be questioned whether the motions of the hånd are any assistance in marking time, to the one who makes them. The all important point is to impart 40 the pupil the ability to mark the time accurately in his mind. Unless he can keep time meetally, he cannot make the motions of the hand correctly, he can keep time accurately making motions of the hand, or "beating time," as it is usually called, are necessary, in order that the teacher may know that bis pupils are dividing the time correctly in their minds, but such hand motions are no aid in keeping time, to the one of the fand beat time. In other words, require them to beat time. In other words, require them to measure the tones meetally, and endervor to make the and is not require them to heat time.





#### NOTES.

NOTE. The Teacher should read the explanations on page 5, before commencing this chapter.

NOTE. If, in practicing the exercises of the foregoing chapter, the pupils have enrefully made each note of equal length, they have already made some progress in the mental division of time. It should now he explained to them that it, is always necessary mentality to divide the time into equal portions, when singing by note. Also, that, as it is important that the teacher should know whether they are accurately computing the time in their minds or not, something must be done which will serve as an iadex, whereby he can ascertain the operation which their minds are performing. Beating time, gives this index. Do not allow the pupils to entertain the idea that the hand can keep time, but impress upon them that the mind alone can mark the time accurately, while the motions of the hand merely show the teacher whether the mind is dividing it accurately or not.

BEATING TIME consists in making four equal motions of the hand,—the first being made DOWNWARDS,—the second, towards the LEFT HAND,—the third towards the RIGHT HAND,—and the fourth, UPWARDS.

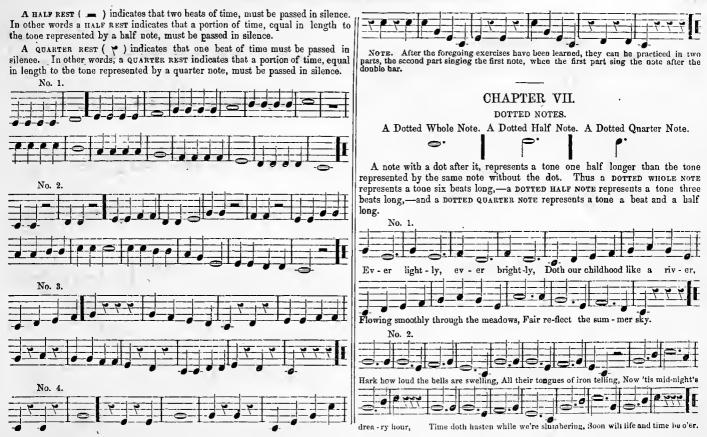
NOTES. A WHOLE NOTE ( ) represents a tone four beats long. A HALF NOTE ( ) represents a tone two beats long. A QUARTER NOTE ( ) represents a tone one beat long. NOTE. The foregoing remarks in relation to time, impart sufficient information open the

a biget to enable the pupils to sing the following exercises correctly. It is strongly recommended, that no more of the theory shall be imparted than is necessary to enable the pupils to sing the exercises about to be practiced. The exercises should be carefully practiced by syllables, herore the words are allowed to be used. It is not material that the words should ze used at all. 10

THE FIRST DEPARTMENT OF VOCAL MUSIC.



# MUSICAL NOTATION.

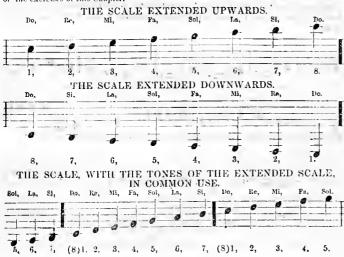


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# CHAPTER VIII.

#### THE EXTENDED SCALE.

Note. The practice of the excreteses in the previous chapters has imparted sufficient familiarity with "reading" the notes which represent the tones of the scale, to make the pupils fully prepared to proceed to practice exercises which will impart the ability to read the notes which represent the tones of the Extended Scale. By reference to the explanations on page 5, it will be seen that the design of the study of the "First Department of Vocal Music" is to impart such a familiarity with Musical, Notation, as will enable the student to "read" the notes finently. The "whys" and "wherefores," do not belong to the study of "Singing," but to the study of the "Theory of Musica," If one wishes to learn to sing, the mast devote his time to that course of study which will enable him to sing. If he desures to know the casons why musical tones bear the relations to each other that they do, or the reasons for anything connected with the subject of music, he must devote his time to the study of the "Theory of Musica" as explained on page 5. It is, consequently, not necessary that the tracher should nake any explanation whatever, of the reason why the Extended Scale is as it is. All that is necessary for a singer to know, is that it is so. What it is necessary for him to do, is to be able to read the notes which represent the tones of the Extended of the excretises of this Chapter.





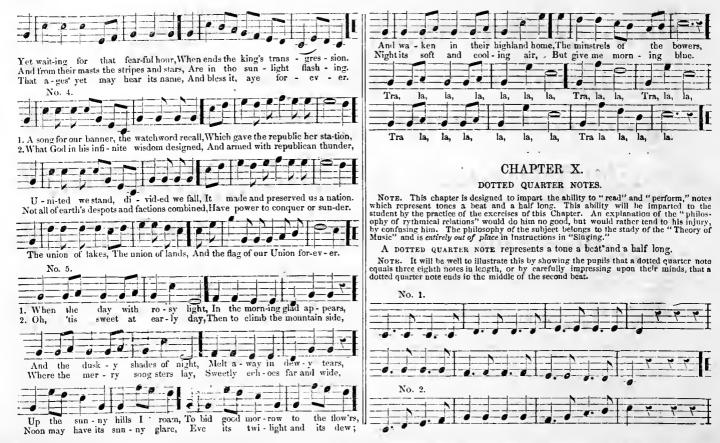
Note. The teacher can explain that double bars are used at the close of lices of poetry, to guide the eye. If the line ends with the last note of a measure, the double har also answers the purpose of a single bar. If the line ends with any other than the last note of a measure the double bar will be placed within the measure.

# MUSICAL NOTATION.



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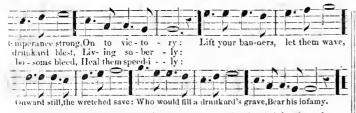
# THE FIRST DEPARTMENT OF VOCAL MUSIC.



# MUSICAL NOTATION.



# THE FIRST DEPARTMENT OF VOCAL MUSIC.



NOTE If it is fatigular to sing so high, the teacher can give the pitch in a lower key.

# CHAPTER XI.

#### LETTERS. THE KEY OF G.

NOTE. The tencher will find that the most effective method to teach "Musical Notation" and the art of "Reading Music," is to introduce no explanation until it is absolutally necessary. Upon this principle, Letters are here introduced to the first time, because a knowlelge of them was not necessary in order to sing the exercises which have been practiced thus far. The teacher should carefully read page 5, before commencing this chapter.

The Tones of the Scale are sometimes named after the first seven letters of the a phabet, thus,



NOTE TO THE TEACHER. Question as follows. What letter is the first line ? What letter is the added line below ? &c, &c. Until the pupils are familiar with the letters.

When a character called a SHARP (#) is placed at the commencement of a tune, the tune is in the KEY OF 9.

NOTE. Key of G, means that G is taken as one. All the tunes and exercises which have been practiced heretofore have been in the key of G. That is, C has been taken as one. When C is one, D is two, E three, &c. So when G is one, A is two, B is three, &c.



NOTE. The fact that in the key of G, G is one, A two, &c, is all that a singer needs to know. Why it is so, can only be learned by studying the science of Harmony. The explanations of the transposition of the scale given in many elementary works, are very imperfect, and convey an erroneous idea of the subject. The teacher should either initiate his pupils into the mysteries of the science of Harmony, so that they may understand the subject of the transposition of the scale properly, or he should attempt no explanation of it at all. The latter course is strongly recommended. If a singer can remember that when one sharp is placed at the commencement, G is one, A is two, &c, and can read the music readily in that key, he has acquired all the knowledge in reference to it, necessary for a singer to know. A three years' course of study in the science of harmony, woald not enable him to sing any hetter. As soon as the pupils can sing the following exercises fluently, they will have all the knowledge of the key of G, which it is in the least important that singers should have. The knowledge which a singer requires of the key of G, and of all the other keys, will be used ited by practicing such exercises as the following, and can be acquired in no other way. All the knowledge of the Philosophy of that arrangement of musical tones which constitutes the different keys (or Transposition of the scale ns it is usually called,) which the study of a full course of Harmony would impart, would not increase the ability to sing one whit. It is important that a Composer should understand the Transposition of the scale, but not in the remotest degree necessary that a singer should.



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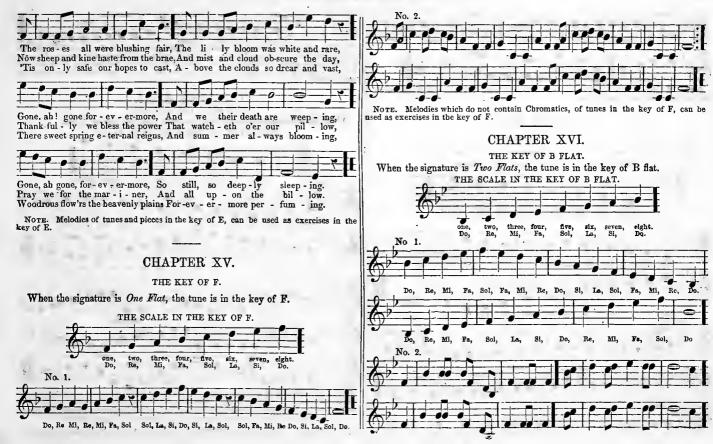
# MUSICAL NOTATION.



THE FIRST DEPARTMENT OF VOCAL MUSIC.



# MUSICAL NOTATION.





# THE SECOND DEPARTMENT OF VOCAL MUSIC.

# THE CULTIVATION OF THE VOICE.

No one can sing well, who does not understand the proper manner of managing and controling the Voice. To do this, it is necessary to learn to control the Muscles of the Abdomen. Chest, Lungs and Throat, and the Teeth, Tongue, J.ips and other Organs and Nerves of the Mouth and Face. This is taught in the second Department of Vocal Music, the department of "The Cultivation of the Voice."

# CHAPTER I.

#### POSITION.

It is impossible to produce good tones in singing, unless the Body, Head and Organs of the Mouth are placed and kept in the proper Position.

#### POSITION OF THE BODY.

While singing, the Singer must stand or sit erect. The Ear and the top of the Shoulder must be in a straight line with the Hip.

The Spinal Column must be curved inwards.

The Internal Organs must be *pressed upwards*, against the Collar bones, and must be held in this position, without sinking or drooping.

The shoulders must be thrown back and down, entirely off from the Chest, and must be kept in this position, without allowing them to be raised when inflating the Lungs.

#### POSITION OF THE HEAD.

The Head must be held erect. It must not ineline to one side, nor forwards, but must be held perfectly vertical, so that when the Mouth is open, the Lower Jaw will not rest upon the Glottis (or Adam's Apple) but so that it will have free play, without interfering with the Organs of the Throat.

#### POSITION OF THE ORGANS OF THE MOUTH.

The Mouth must be opened in a free and natural manner.

When the Singer is employing an Open Vowel Sound, the Mouth must be opened, so that there will be a Space between the Teeth sufficiently large to admit the two forefingers placed one above the other.

Norz. When using consonants or close vowel sounds it is not possible to keep the Moath opened so wide. (For an explanation of open vowels, close vowels, and consonants, see chapter  $V_{\cdot}$ )

The Lower Jaw must be dropped down as free and unrestrained as if hung on hinges under each ear, and care must be taken that the Muscles used in masticatiog food are left *perfectly passive*, not drawn up, (or nerved) in the slightest degree.

When the Singer is employing an Open Vowel Sound the Tongue must lie *per-fectly passive* on the Lower Jaw, the end touching the Front Teeth of the Lower Jaw.

Note. When using consonants or close vowel sounds it is not possible to retain the Tongue in this position.

# CHAPTER II.

#### BREATHING.

A complete control of the Respiratory Organs is absolutely necessary to a Singer. The action of the Lungs must be perfectly understood. A defective manner of breathing invariably mars the effect of singing, and if allowed to beeome a habit, is very difficult to correct.

There are Two kinds of Breathings, the Full Breathing and the Half Breathing. The Full Breathing, is a slow inspiration of the air into the Lungs, completely filling their entire length and breadth, thereby enabling the Singer to sustain sing a long phrase or strain without breathing.

The Half Breathing is a quick motion of the Respiratory Organs, partially filling the upper lobes of the Lungs.

The Process of Breathing must not be attended by an apparent heaving of the Chest, shrugging of the Shoulders, nor motion of the Head, but must be unseen and insudible.

A Half Breath must only be taken, where it is necessary to breathe, but impossible to take a Full Breath.

Breath must be taken-

At every rest;

Before a long strain ;

Before a Pause ;

Wherever the words will permit breath to be taken, if read instead of being snog. But breath must not be taken between the syllables of a word, nor where it

would be improper to breathe, if the words were read instead of being sung.

Nore. In ordinary breathing only two or three inches of the upper part of the lungs are used, and a part of the air cells, for want of use, becomes debilitated, causing the tone of voice to lack volume. The following exercise if systematically practiced daily, will remedv this defect, strengthen the lungs, and increase the sustaining power and volume of the voice. Take the position of body, head and mouth described in chapter I, draw in the air until the lungs are filled to their utmost capacity. Close the throat and press the air to every part of the lungs by raising the chest and throwing the shoulders and elbows back. After hold ing the breath as long as possible, open the mouth and ollow the air to escape as slowly as possible. Repeat this a dozen times at different intervals, every day, taking care that the oir is perfectly Dure.

# CHAPTER HL

#### PRODUCING THE VOICE.

The Topes of the voice must be produced by pressing the Abdominal Muscles, with an inward and upward motion, against the Viscera, thus pressing the Viscera against the Lungs, and forcing the air from the Lungs into the Vocal Tube. and so on to the Throat. When the air reaches the Throat, the Pitch of the Tone it produces must be determined by the Organs of the Throat.

NOTE. The office of the organs of the throat is to determine the pitch of the tones. They never should be, made to assist in forcing the air into the vocal tube. That must be done entirely by the pressure of the muscles below the lungs. It is not possible for the throat to be injured by singing, if the rules in this and the preceding chapters are observed. Many persons sing without using abdominal effort, thus throwing all the labor and fatigue upon the throat. The consequence is hoarseness, soreness of the throat, and becoming soon II in singing each element, in chapter V.)

the longest Musical Tone, to vary at will its several degrees of power, and to || fatigued in sloging. Those who sing from the throat will often be in good voice when they commence singing, but soon a sort of mist or huskiness comes over the voice, making it sound thick, or veiled. If they sing for any considerable length of time, it becomes difficult. if not impossible to reach the upper tones.

An illustration of the proper method of producing the voice may he drawn from the hrute ereation. A cow when she loos, throws the whole great leathern vault up and forward from the hips, (the moment it drops, the tones ceases) while her head is simply thrown up and forward sufficiently to make the vocal tube straight. A dog when he barks, produces the tooe by sadden contractions of the abdominal muscles at the hips, using his throat soley to modulate the tone. Coosequently he can bark all night without hoarseness or fatigue. A bull-frog produces his deep "ker-chug," by the motion of the lower muscles of his abdomen. Consequently his voice is never hasky nor fatigued, though compelled to sing hase the liveloog night.

# CHAPTER IV.

#### EQUALIZING THE VOICE.

#### SWELLING TONES.

In Singing, the Tones of the Voice must all be of the same quality, i. e. must he equally clear, round and pure.

NOTE. In uncultivated voices one tone will be very good, while the next tooe to it will he very had. It is indispensable to a good performance, that every tone should be equally purc. The practice of the scale with swelling tones, is the best exercise for purifying and equalizing the voice.

To Swell a Tone, is to commence it as softly as possible, increasing its force gradually to the middle of its duration, and from this point to the end gradually diminishing to the degree of, force with which it was commeaced. To swell a Tone properly, it is necessary to take a Full Breath according to the directions in chapter II, to remain a moment with the chest raised before commencing. and then to produce the Tone in the manner just mentioned, taking care to make no movement either with the Mouth or Tongne while the sound lasts.



Note. As an exercise for equalizing and purifying the voice, let the class practice this scale once at each lesson, with swelling tones. Let each tone he made as long as the popils can conveniently make it. Eventually they will acquire sustaining power sufficient to sustain each tone eighteen or twenty seconds, or even longer. The pupils should also be induced to practice this exercise three or four times each day at home, say once hefore each meal. At first the oractice will be fatiguing, and it will be well oot to sing the exercise more than once at a time. The exercise should be persevered in daily, until the tones of the voice are perfectly equalized and pure. The vowel sound "a" must be used la singing this exercise. (For the proper position of the month in order to sing "a" correctly, see Positions of the

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# THE CULTIVATION OF THE VOICE.

# CHAPTER V.

#### ARTICULATON.

Articulation is the act of forming with the Organs of the Voice, the Elements of Vocal Language. The following are the Elements of the English Language.

#### **VOWEL ELEMENTS.**

1. a as beard in ale.	8. i as heard in pin.			
2. aarm.	9			
3. a	10. <sup>2</sup> / <sub>6</sub> lose.			
4. a an.	11. oon.			
\$ 0 see.	12. u tube or few.			
6. eend 7. 1				
7. i pine.	15. ouour.			
CONSONANT ELEMENTS				
16. h as heard inbarb.	28. c air.			
17. d did.	(Called the smooth r, after a vowel.)			
18. f fame.	29. s sin.			
10				
3.5				
20. h hut.	31. t tart.			
20. h hut. 21. k kite.	31. t       tart.         32. th       then.			
20.       h        h.u.         21.       k        kite.         22.       l         lull	31. t        tart.         32. th        then.         83. th        thin.			
20.       h        hut.         21.       k        hut.         22.       l        hut.         23.       m        mind.	$31.$ $t$ $$ $tart.$ $32.$ $th$ $$ $$ $then.$ $33.$ $th$ $$ $$ $then.$ $34.$ $\forall$ $$ $$ $valve.$			
20.       h        hut.         21.       k        hut.         22.       l        hut.         23.       m        hut.         23.       m        mind         24.       n        nine.	31. t       tart.         32. th       then.         83. th       tkin.         34. ∨       valve.         35. w       when.			
20.       h        hut.         21.       k        hut.         22.       l        hut.         23.       m        mind.	31.       t        tart.         32.       th        then.         33.       th        then.         34.       v        walve.         35.       w        walve.         36.       wh           36.       wh			
20.       h	31.       t        tart.         32.       th        then.         33.       th        then.         34.       v        then.         35.       w        when.         36.       wh        whet.         37.       y        yoke.			
20.       h	31.       t        tart.         32.       th         then.         83.       th         then.         84.       v         valve.         35.       w         when.         36.       wh            wh			

Note. C is not named in the above list, because it has the same sound that k has, (as in each the same sound that s has (as in cedar) or the same sound that sh has, (as in ocean.) J is not named, because it merely expresses the combined sounds of d, and z in azzee. Q is not named, because it expresses the same sound as k. X is not named, because it expresses the same sound as the combined sounds of k and s, (as in excretise) g and z in zero, (as in example) k and sh (as in axis) or z in zone (as in Xenophon.)

#### MUSICAL TONES.

Pure Musical Tones, can only be preduced by using Vowel Elements. It is not possible to produce a pure musical tone (i. e, unmixed with a speaking tone) when using consonants.

#### SPEAKING TONES.

The tones produced by Consonants in singing are not Musical Tones, hut are precisely the same as are produced when the consonant is spoken, instead of being sung.

NOTE. This can be illustrated by singing some word like "a-rise." The pupils will readily understand that the tone produced when the first syllable is sung is a pure, unmixed, musical tone, while the tones produced by the "r" and the "s" are by no means musical tones, but are precisely the same sounds which are heard when the word is spoken instead of being song. It will be well to explain that when words are used in singing, the performance is not strictly speaking, purely "singing," but a union of "singing" and "speaking," the vowels producing the singing tones, and the consonnates the speaking tones.

#### OPEN VOWEL SOUNDS.

In singing a, a, a, i, o, o, and ou, are called Open Vowel Sounds, becausethe mouth must be well opened, and perfectly free, in order to sing them correctly, as described in the instructions in reference to the position of the organsof the mouth in Chapter I.

#### CLOSE VOWEL SOUNDS.

a, ê, ē, i, o, û, û and û, are called Close Vowel Sounds, because the mouth must be partly closed in order to sing them correctly.

#### COMMON FAULTS IN ARTICULATION.

No. 1. Nerving the Lower Jaw. A very common fault with Singers is to strain up the nerves which are used io maticating food, putting as much strain upon them as would be necessary if a hickory nut was being cracked between the teeth. This always produces a hard disagreeable tone. These nerves, and in fact all the nerves of the head must be perfectly relaxed and at rest, or the tone will not be pure. Hardly any fault is more common with singers than this nerving of the Lower Jaw. Where the habit has been persevered in a long time, as in the case of old singers, it requires patient practice to acquire the power to relax the muscles, and sing with every norve passive and perfectly at rest.

# THE SECOND DEPARTMENT OF VOCAL MUSIC.

#### No. 2. COMMON FAULTS IN SINGING OPEN VOWELS.

In Singing, open Vowels must receive resonance from all parts of the mouth, and the mouth must be opened according to the directions in Chapter I.

The following are common faults in singing the open vowel sounds.

FIRST. Not opening the mouth wide enough, thus losing the pureness and much of the volume of the voice.

SECOND. Forcing the voice to the front part of the mouth, so that it receives resonance from the front part of the mouth, instead of from all parts, thus losing the volume which it should receive from the back part of the mouth.

THIRD. Forcing the voice to the back part of the mouth, i. e., up against the Soft Palate. (For an explanation of the Soft Palate, see Page 42). This causes it to receive resonance from the hack part of the mouth, instead of from all parts, thus losing the volume which it should receive from the front part.

FOURTH. Forming the tone down in the throat, by curling the tongue at the roots, back on to the Vocal Box, (for an explanation of the Vocal Box see page 42.) thus producing a hollow, guttural sound.

No. 3. COMMON FAULTS IN SINGING CLOSE VOWELS.

In Singing, the close Vowels are formed by directing the breath *gently* against the gums over the front upper teeth, with the mouth hearly closed.

The following are the common faults in singing the Close Vowel Sounds.

FIRST. Applying too much force to the breath, thus forcing the tone too strongly against the front part of the mouth, or causing it to strike against the treth, destroying the pure quality of the tone, or giving it a dental quality.

threwn. Opening the mouth too much, thus changing the vowel element, musing a mixture of an open and a close vowel, which is neither one nor the thet. Uncultivated voices guilty of this fault will sing flat, when using close tracks.

THIND. Singing with the teeth entirely closed, making the voice very hard and dental.

No. 4. COMMON FAULTS IN ARTICULATING THE CONSONANTS.

To articulate the Consonants properly in singing, the Lips and Tongue must be placed in the proper POSITION, must then be moved with an appropriate MOTION, and must be attended with an aspiration of the breath. Faults in articulating the consonants, all result from not placing the Lips and Tongue in the proper position, or not giving the Lips and Tongue their proper MOTION.

POSITIONS AND MOTIONS OF THE MOUTH IN SINGING EACH ELEMENT.

An accurate knowledge of the positions which the organs of articulation should assume in the formation of the several elements of vocal language, is very important to those who wish to acquire a good articulation. The following are the positions which the organs of the mouth must assume, and the motions which they must make in articulating the different elements.

1. a (a as in ale.) This vowel in reality consists of the two vowel sounds "a" and "e," which coalesce so intimately, that they appear like one uniform sound, "a" being the radical and "e" the vanishing sound. Postrion. The mouth must be moderately opened. MOTION. The mouth must be gradually elosed as the vanishing sound is finished.

Note. Singers are very apt to commit "Common Faults in Articulatioo," No.1, (nerving the Lower Jaw, see page 23) in singing this vowel. There is also danger of making the vanishing sound too long, dwelling upon the vanishing sound instead of npon the radical sound. This is an open vowel, and the position of the organs of the mouth must be as described in chapter I.

2. a (a as in arm.) POSITION. The mouth must be opened sufficiently wide to admit the two fore fingers placed one above the other, between the teeth.

Note. No "motion" is required to produce this vowel, as the organs of the month must he held immovable, in the position described in chapter 1, for it is an open vowel. This is the best vowel sound for practicing the exercises for forming and equalizing the volce, for the reason that it requires no "motion" of the organs of the mouth. In singing it, care must he taken that "Common Faults in Articulation" No. 2, (faults in singing Open Vowet Sounds), are not committed.

3. a (a as in all.) POSITION. The mouth must be opened in somewhat of an oval form.

NOTE. No "motion" is required to produce this vowel. It most be produced from the front part of the mouth. It is an open vowel, and the "common faults in singing open vowels" (Common faults in Articulation" No. 2) most be avoided in singing it. A fault sometimes made in singing this vowel is failing to get the mouth enough into an oval position, thus making the tone guttmral.

4. a (a as in an ) POSITION. The Mouth must be opened sufficiently wide to admit one finger between the teeth.

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Norz. This is a close vowel, and "Common faults in Articulation," No. 3, (faults in singing close vowels) must be avoided. No "motion" is required in singing this vowel.

5. e (e as in see) Position. The mouth must be nearly closed.

Note. This is a close rowel. "Common faults in Articulation," No 3, must be avoided. In singing this vowel there is great danger of committing "Common faults in, Articulation," No. 1, (nerving the Lower Jaw.) This vowel is formed back of the teeth of the apper jaw. A fault is frequently made in singing this vowel with the teeth closed, making the tone very hard and dental. No motion is requisite to sing this vowel.

6. e (e as in end) Position. The Mouth must be moderately opened.

NOTE. No "Motion" is required in singing this vowel. It is a close vowel, and "Common faults in Articulation," No. 3, must be avoided in singing it.

7. i (i as in pine.) This vowel-really consists of the two vowel sounds, "i" and "e", which coalesce so intimately that they appear like one uniform sound, "i" heing the radical and "e" the vanishing sound. POSITION. The Mouth must be opened wide enough to admit the two forefingers placed one obove the other between the teeth. MIOTION, The Mouth must be gradually closed on approaching the vanishing sound.

NOTE. This is an open vowel, and "Common faults in Articulation," No. 2, must be carefuly avoided. A fault is sometimes made by singing this vowel with the mouth too much elongated and too much closed, producing a sound something like "ai." Another fault is to produce it too far back in the mouth, making it "oi."

8. i (i as in pin.) Position. The Mouth must be moderately opened.

NOTE. This is a close vowel. No "motion" is required to make it. "Common faults in Articulation," No. 3, must be avoided in singing it.

9. o (o'as in old). This rowel in reality consists of the two rowel sounds "o" and "oo," which coalesce so intimately that they appear like one uniform sound, "o" being the radical, and "oo" the vanishing sound. Pointon. The mouth must be rounded, (taking care that the lips are not too much protruded.), MOTION. The teeth must be gradually closed as the vanishing sound is approached.

NOTE. This is an open vowel, and "Common faults in Articulation," No. 2, must he nvoided. A peculiar fault in singing this vowel is to get the month in some other than a rounded "position." It is impossible to produce this element pare, with the month in any other than the proper "position."

10. 5 (o as in lose.) POSITION. The mouth must be rounded, but brought closer together than in 5.

NOTE. No "motion" is required to produce this vowel. It is a close vowel, and "Com mon faults in Articulation," No. 3, must be avoided. A peculiar fault in singing this vowel, is to protrade the lips, shutting the teeth, producing a very hard tone.

11. o (o as in on.) In singing, this is produced in the same manner, and is liable to the same faults as  $a_{a}$ .

12. "1" (u as in tube or few.) This vowel in reality consists of 'the two vowel sounds ''e'' and ''oo,'' which coalesce so intimately that they appear like one uniform sound. POSITION. The mouth must be nearly closed. MOTION. After the ''e'' is articulated the mouth must be gradually opened to the ''po-

sition" of o, thus producing the "oo."

NORE. This is a close vowel. "Common faults in Articulation," No. 3, must be avoided in singing it. A peculiar fault is dwelling too long on the "e." Another peculiar fault, is not articulating the "o" at all.

13. u. (u as in up or her.) Position like that for e.

Nore. This is a close vowel. "Common faults in Articulation," No. 3, must be avoided in singing it. No "motion" is required to produce it.

14. u. (u as in full or wolf.) Position. Like that for o, but with lips not rounded quite so much.

Nore. This is a close vowel. "Common faults in Articulation," No. 3, must be avoided in slaging it. No "motion" is required to produce it.

15. ou (as in our.) POSITION. The mouth must be opened wide. Mo-TION. The mouth must be gradually closed.

NOTE. This is an open vowel, and "Common faults in Articulation," No 2, must be avoided in singing it. A peculiar and very common fault is, neglecting to give the mouth its "motion," thus articulating the vowel with the mouth in one position and producing "ugh" instead of "on."

16. b (as in barb.) POSITION. The lips must be placed firmly cogether. MOTION. The lips must be forcibly separated, producing the "b" as they separate.

NOTE. In articulating the consonants, care must be taken to avoid "Common fauits in Articulation," No. 4.

17. d (as in did.) POSITION. The tip of the tongue must be placed against the teeth of the upper jaw. MOTION. The tip of the tongue must be suddenly brought down, with a slight downward motion of the Lower Jaw.

18. f (as in fame.) NOTION. The under lip must move up against the upper teeth

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ROTE. A fault in the articulation of this consonant, is to neglect to press the lower lip sgainst the the teeth, rendering the aspiration indistinct.

19. g (as in gig.) POSITION. The roots of the tongue must be placed against the Soft Palate. MOTION. The tongue must be brought down quick, with a downward motion of the Lower Javo.

NOTE. There is another sound of g (as in gently,) where it has the sound of "d" and "z as in narre" combined, and must, of course, he articulated as those two letters are when tombined. For an explanation of the "Soft Polate" see page 42.

20. h (as in hut.) POSITION. The mouth must be placed in the position necessary to produce the vowel which follows it, and this consonant must then be produced by an aspiration.

21. k (as in the kite.) POSITION. The roots of the tongue must be pressed against the Soft Palate, and this consonant must then be produced by aspirating the vowel which follows it.

22. 1 (as in lull. MOTION. The top of the tongue must more up against the gums of the upper jaw.

23. m (as in mind.) POSITION. The lips must be placed together. MOTION. The lips must be forcibly opened, and the sound produced through the nasal organs.

24. n (as in nine.) MOTION. The tip of the tongue must be pressed against the gums of the upper teeth, forcing the tone through the nasal organs.

25. ng (as in song.) Position. The root of the tongue must be placed against the Soft Pulate, and the consonant must be produced with an aspivation.

26. p (as in pit.) POSITION. The lips must be placed together. MOTION. The lips must be quickly and forcibly separated.

27. r (as in roll, called the trilled r.) MOTION. The tongue must be made to vibrate against the gums of the upper teeth, while the breath is propelled through the mouth.

- 28. r (as in air, called the smooth, r.) MOTION. Produced by opening the mouth, and slightly raising the lip of the tongue towards the roof of the mouth.

NOTE. In singing, every "r" which comes before a vowel should be trilled, and every one which comes after a vowel should be pronounced smooth.

29. s (as in sio.) Position. The tip of the tongue must be piaced against the gums of the upper teeth, and the consonant be produced by an aspiration.

NOTE. This is the most objectionable consonant for singing in the language. A pece liar fault is to articulate it, commencing it before the time. Another peculiar fault, is to dwell upon it as if it was a vowel. It must not be touched until the time for it has fully come, and it must invariably be dropped as soon as touched.

30. sh (as in shade.) POSITION. The tongue must be gently pressed against the roof of the mouth, and the consonant be produced by an aspiration.

31. t (as in tart.) POSITION. The tongue must be placed against the gums of the upper teeth. MOTION. The tongue must be suddenly dropped downwards.

32. th (as in thin.) Position. The tip of the tongue must be placed against the upper teeth, and the element be produced by an aspiration.

33. th (as in then.) POSITION. The tip of the tongue must be placed between the teeth, and the element be produced by an aspiration.

34. v (as in valve.) Position. The under lip must be placed against the edge of the upper teeth, MOTION. The under lip must be thrown out, with a slight downward motion of the lower jaw.

35. w (as in woe.) POSITION. The lips must be placed as in the act of whistling. MOTION. The lips must be suddenly opened, with a slight downward motion of the lower jaw.

36. wh (as in what.) POSITION. The mouth must be in the same posi- tion as for u, and the element must be produced by an aspiration.

37. y (as in yoke.) Position. The lips must be placed in nearly the same position as in "w," but a little more opened. Morrow. The lips must be suddenly opened, with less motion of the lips, but more downward motion of the lower jaw than in "w."

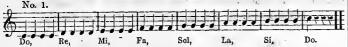
38. z (z as in zone.) POSITION. The tip of the tongue must be gently pressed against the gums of the upper teeth, and the consonant produced by forcing out the breath, producing a huzzing sound.

39. z (as in azurc.) POSITION. The tip of the tongue must be in nearly the same position as for z in zone, but drawn a little further back, and somewhat widened so as to enlarge the operture formed by its surface and the roof of the mouth through which the breath is forced.

### CHAPTER VI.

#### PEACTICAL EXERCISES IN ARTICULATION.

NOTE. Most impure and imperfect musical tones in vocal music, are made so by defective articulation, i. e., by not placing the organs of the mouth in the proper position when articulating the various vowels and consonants. Consequently the practice of articulation is of paramonot importance in the study of the cultivation of the voice. The pupils are earnestly advised to practice the following exercises daily, until the habit of correct articulation is perfectly formed.

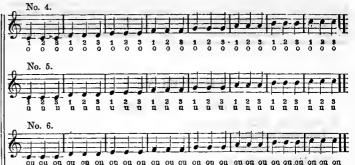


NOTE. Practice the above exercise with reference to the proper articulation of each syllable, taking care that the pupils are made perfectly familiar with the positions and motions of the mouth necessary to articulate each syllable correctly, by consulting the instructions under the head of "Positions and Motions of the mouth in singing each Element," on page 24.

For the positions and motions of the month necessary to articulate "Do" correctly, let the pupils consult No. 17 and No. 9. For the positions and motions of the month accessary to articulate "Re" correctly, let the pupils consult No. 28 and No. 1. For the positions and motions of the mouth necessary to articulate "ma" correctly, let the pupils consult No. 23 and No. 5. For the positions and motions of the mouth necessary to articulate "Fa" correctly, let the pupils consult No. 18 and No. 2. For the positions and motions of the mouth necessary to articulate "Sol" correctly, let the pupils consult No. 29. No. 9, and No. 22. For the positions and motions of the mouth necessary to articulate "La" correctly, let the pupils consult No. 29. For the positions and motions of the pupils consult No. 22 and No. 2. For the positions and motions of the mouth nece essary to articulate "Si" correctly, let the pupils consult No. 29. and No. 5.

NOTE. Practice the following exercises, carefully employing the Positions and motions of the month for each element, as described on page 24.





Nore. After the pupils are well established in the habit of articulating the vowel elements correctly, let them practice the foregoing exercises with each of the consonants prefixed to the vowels. That is, let them practice the foregoing exercises (No. 2, 3, 4, 5) and 6,) with the consonant "h," prefixed to each vowel. This will make Exercise No. 2, "ha ha ba ha." Exercise No. 3, "he he hi bi." Exercise No. 4, "ho ho bo." Exercise No. 5, "ha ha ba ha." Exercise No. 6, "bou." Then let them practice the same exercises with the consonant "d" prefixed to each vowel, making Exercise No. 2, "da da da da," Exercise No. 3, "de de di di" &c. &c., proceeding in the same way with all the consonants, carefully observing the positions and motions of the mouth according to the directions given from No. 16 to No. 39, one pages 25 and 26.

NOTE. After the pupils have thoroughly practiced the foregoing exercises, as here directed, they will be familiar with the proper positions and motions of the month, necessary for the correct articulation of every element in the language. They are consequently prepared to sing tunes with the words, giving the correct articulation to every word, until correct articulation becomes a fixed habit, it will be well to frequently analyse the words of the tages sung. For example, if the tune "Alexandria," page 127, is to be sung, previous to singing it, let the pupils notice, that the: first word (Teach) requires that the first element shall be articulated as directed in No. 31, (page 25), the second element as in No. 5,—the "ch" as if it was "t" (No. 31) and "sh" (No. 20) united. The second word, (me) requires that the first element shall be as in No. 23, and the second clement as in No. 5. The third word (the) requires that the first element shall be as in No. 32, and the second element as in No. 6. The fourth word (measure) requires that the first element shall be as in No. 23, the second as in No. 6, the third as in No. 39, the fourth as in No. 12, and the fifth as io No. 27. The fifth word (of) requires that the first element shall be as in No. 11, and the second element as in No. 18. The sixth word (my) requires that the first element shall be as in No. 23, and the second element as in No. 7. The seventh word (days) requires that the first element shall be as in No. 17, the second element as in No. 1, and the third element as in No. 29.

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The papils should be required to analyse all the words in this way, until they become perfectly versed in all the proper Positions and Motions. The teacher should be careful to direct strengtion to the element under consideration, no matter which letter of the alphabet is employed to represent it. For example, in the fourth word of the line analysed above, (measure) "s" is employed to denote the element, but the element is plainly not the one described in No. 20, but the one described in No. 39.

### CHAPTER VIL

**REGISTERS OF THE VOICE.** 

All voices have THREE REGISTERS.

The CHEST REGISTER.

The HEAD REGISTEE.

The MEDIUM REGISTER.

#### THE CHEST REGISTER.

The tones of every voice, from the lowest tone the Singer can produce, up to B, are said to belong to the CHEST REGISTER, because they derive their volume and resonance from the Chest.

#### HIGHEST TONE OF THE CHEST REGISTER IN MALE VOICES.



HIGHEST TONE OF THE CHEST REGISTER IN FEMALE VOICES.



To produce the tones of the Chest Register, the Singer must observe the directions in chapters I, II and III, and must commence the tone as low down in the chest as possible, taking care that the breath comes directly out of the mouth without being directed against the roof of the mouth.

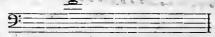
NOTE. An exact illustration of the way the breath must be managed to produce the the tones of the Chest Register correctly, can be made by opening the most wide, and breathing as one would breathe apon a glass, having the breath come straight out of the throat, without pressing upon one part of the mouth more than upon another. Another **Ulauration** can be made by opening the mouth and aspiriting the letter "b." A sure test

whether the tones of the chest register are receiving the proper amount of resonance from the chest, is to place the hand npoa the chest in a line with the shoulders. If the tone is receiving the proper amount of resonance and volume from the chest, the vibrations will be perceptahly felt by the hand. If the vibrations cannot be distinctly felt, the tones do not receive a sufficient amount of resonance from the chest, and the chest must be more expanded and the tone commenced deeper in the chest. In fact, whenever the tones of the Chest Register are deficient in volume, it will be because the rules given in chapters I, II and III are not observed.

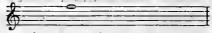
#### THE HEAD REGISTER.

The tones of every voice, from high F to the highest tone the singer can produce, are said to belong to the HEAD REGISTER, because the tones are formed higher up in the mouth than are the tones of either of the other registers.

# LOWEST TONE OF THE HEAD REGISTER IN MALE VOICES.



LOWEST TONE OF THE HEAD REGISTER IN FEMALE VOICES.



To produce the tones of the Head Register, the singer must observe the directions in chapters I, II and III, and form the tones by directing the breath against the back part of the roof of the mouth.

Norg. Although this is called the Head Register, the tones are not formed in the head, but are simply formed higher up in the moath than the tones of either of the other registers. Unlike the Chest Register, in which the breath passes directly out of the month, and nulike the Medium Register in which the breath strikes against the front part of the moath. In the Head Register the breath must strike against the hack part of the root of the moath. The idea which some writers advance, that there are cells in the upper part of the head, from which the tones of the Head Register receive resonance, is nitogether erroneous, there being no communication whatever with the top of the head, except through the mastal organs, and if the tone is formed through them, the disagreeable quality produced is too well known to require comment. Common faults in singung with the Head Register, are, keeping the voice too far back in the mouth, making it soand nuffled or smothered. Pressing a feeling of dizziness, at the same time producing a hard quality of tone.

#### THE MEDIUM REGISTER.

The tones of every voice, which are between the highest tone of the Chest Register and the lowest tone of the Head Register, are said to belong to the Medium Register, because they are between the Chest and Head Registers

# THE CULTIVATION OF THE VOICE.

#### TONES OF THE MEDIUM REGISTER IN MALE VOICES.



TONES OF THE MEDIUM REGISTER IN FEMALE VOICES.



To produce the tones of the Medium Register, the singer must observe, the directions in Chapters I, II and III, and form the tones by directing the breath against the front part of the roof of the month.

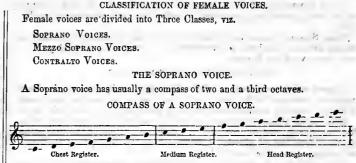
Norg.. The iones of the Mediam, Register are the most defective in the homan voice. It will require far more study and practice to bring out and develope these tones, than those of either of the other Registers. In point of fact, the singer must try to do away with the Medium Register entirely, and bring the Chest and Head Register together. He will not probably succeed, but the nearer he can come to it the better. The first endeavor must be, to assimilate or blend, the Chest and Medium Registers. To do this, soften the upper tones or the Chest Register, giving them something of the character of the tones of the Medium Register, and give the lower tobes of the Medium Register as much of vine character of the tones of the Chest Register as possible. The aim must be to pass from one register of the tones of the Head Register most be made to partake of the quality of the tones of the Medium Register, and the aim must be to pass from one register. To the other, so smoothly that the change will not be apparent to a listener. The next endeavor must he to assimilate or blend the Medium and the Head Registers. To do this, the lower tones of the Head Register most be made to partake of the quality of the tones of the Medium Register, and the aim must be to pass from the one Register to the tother so smoothly that the change will not be apparent to the listener. Indeed nue of the most important items in the study of the Cultivation of the Voice, is to acquire the ability to pass through the different Registers with the same quality of tone, and with no apparent "breaks" In the voice, making it appear to the listener as if it was all one Register from the lowest to the this best tone of the voice.

Common faults in singing the tones of the Mediom Register are—Forming the tone too far back in the throat, making it hollow and gutural. Allowing a part of the tone to pass through the nasal organs, giving it a nasal quality. Forcing the hreath against the teeth so hard as to give the tone a dental and hard quality. Nerving the muscles of the lower jaw, when the only proper method is to have the muscles of the face entirely relaxed and free.

# CHAPTER VIII.

#### BLENDING THE REGISTERS.

To blend the Registers, the stronger tones must be softened, and the weaker strengthened, and care must be taken to have no "breaks" in the voice, but to have it of one quality throughout its entire compass.



#### CHEST REGISTERS OF SOPBANO VOICES.

In Soprano voices the tones of the Chest Register are weak, thin, often tremulous, and if forced will be sharp. The tones of the Chest Register must be formed as directed in Chapter VII. The pupil must exercise gently at first, until the tones acquire firmness. The aim must be to make every tone partake as largely of the resonance of the Chest as possible. If the tone does not receive the proper amount of resonance or volume from the Chest, it will be thin and hard.

. In many soprano voices E, F and F# in the Chest Register are defective, causing an effect somewhat like passing from one register to the other. This defect must be corrected in the same manner that the registers are made to blend, i. e., by softening the tones next before and next after the defective tones, carefully keeping the vocal organs in the same position all of the time.

#### MEDIUM REGISTER OF SOPRANO VOICES.

Soprano voices form the tones of the Medium Register by directing the breath. against the front part of the mouth, opening the mouth moderately wide.

In some soprano voices, the voice will break, in producing the tones of the Medium Register. To correct this, the tones must be taken softly and with the utmost care, very carefully observing every rule of position, &c., persevenug in careful practice with reference to this point, until such control of the voice is acquired that there is no more danger of its breaking on producing the tones of the Medium Register, than in producing the tones of the Chest Register. Some Soprano singers form the tones of this register too far back in the roof of the mouth, producing a smothered or stifled tone, with the tones of this Register.

Some Soprano voices bring down the roof of the mouth, hearly closing the mouth, and nerve the lower jaw, producing a very hard "tin pan" quality of tone, with the tones of this Register.

#### HEAD REGISTER OF SOPRANO VOICES.

Soprano voices form the tones of the Head Register by directing the breath against the front part of the mouth, and should produce a clear flute-like quality of tone by receiving resonance from the back part of the mouth under the palate.

If the singer allows it to press up against the soft palate, it takes away all the finte-like quality, and produces a thick, veiled tone. Pressing the voice against the front teeth, and not allowing it resonance from the back part of the mouth, will produce a very bard, shrill, dental tone.

If Soprano voices force the tones of this register, it destroys the intonation and the quality of tone.

#### BLENDING THE REGISTERS OF SOPRANO VOICES.

In Soprano voices the Chest Register is the most defective. The first study of soprano voices must be to form the Chest Register. It is not difficult for soprano voices to blend the registers after the Chest Register is properly formed. The directions for blending the registers in Chapter VII must be observed, and care must be taken that the directions in reference to the Medium Register in Chapter VII are observed. It is better not to practice much in the Head Register, until the Chest and Medium are joined or well blended.

### THE MEZZO SOPRANO VOICE.

A Mezzo Soprano Voice has usually a compass of two and a fourth octaves.

COMPASS OF A MEZZO SOPRANO VOICE.



#### CHEST REGISTER OF A MEZZO SOPRANO VOICE.

In Mezzo Soprano Voices the tones of the Chest Register, are full, mellow and sonorous. The tones of the Chest Register must be formed as directed in Chapter VII.

#### MEDIUM REGISTERS OF MEZZO SOPRANO VOICES.

Mczzo Soprano Voices form the tones of the Medium Register by directing the breath into the roof of the mouth just in front of the soft palate.

The greatest fault in the use of this register, is in producing guttural tones, occasioned by forming the voice too far back in the throat, with the tongue pressed back at the roots, stopping the passage of the breath. To avoid this fault, the singer must see that the tongue is perfectly passive in the bottom of the month. If it is difficult to keep the tongue from pressing back at the roots, it will be well to hold it in its proper place with the battom of the mouth.

Another fault, is forming the tone with the mouth nearly closed, and directing the breath into the front part of the mouth, thus producing a hard dental tone.

#### HEAD REGISTER OF MEZZO SOPRANO VOICES.

Mezzo Soprano Voices form the tones of the Head Register by directing the breath a little farther forward in the roof of the mouth, than in forming the tones of the Medium Register.

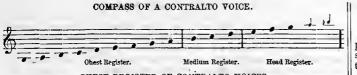
A common fault is to form the tone too far back in the mouth, thus producing a bollow quality of tone, lacking resonance. The tones of this register must not be forced, or the intonation will be destroyed.

#### BLENDING THE REGISTERS OF MEZZO SOPRANO VOICES.

The principal difficulty in blending the registers of Mezzo Soprano Voices, is to blend the Chest and Medium Registers, especially when the singer has the fault of producing a guttural quality of tone with the Medium Register. The only way the Chest and Medium Registers can be smoothly blended is to carefully keep the organs of the mouth in the same position while producing the bighest tone of the Chest Register, and the lowest tone of the Medium Register If the singer has the fault of singing false in the Medium Register, it will at once be corrected, by observing the direction, to keep the organs of the mouth in an immovable position while changing from the Chest to the Medium Register. Little or no difficulty will be experienced io passing from the Medium to th Head Register, if the directions in Chapter VII are observed.

#### THE CONTRALTO VOICE.

A Contralto Voice has usually a compass of two octaves or more.



CHEST REGISTER OF CONTRALTO VOICES.

In Contralto Voices the Tones of the Chest Register, are very strong, and oftee of a coarse and masculine quality.

The tones of the Chest Register must be formed as directed in Chapter VII. In Contralto Voices, E, F and G in the Chest Register are defective, being much weaker than the other tones, and if uncultivated singers force these tones, they will sing false. They can be brought ont and developed, by the same process adopted to blend the Registers of the voice.

### MEDIUM REGISTER OF CONTRALTO VOICES.

In Cootralto Voices, the tooes of the Medium Register are so weak, tremulous and wavering, that its use is discarded altogether.

#### THE HEAD REGISTER OF CONTRALTO VOICES.

Contraito voices form the tones of the Head Register by directing the breath to the front part of the month. The greatest fault with Contraito voices when using this register, is to contract the muscles of the mouth, making the tone hard, dental and shrill. Sometimes, though rarely, Contraito singers form the tone too much in the roof of the mouth.

#### BLENDING THE REGISTERS OF CONTRALTO VOICES.

Contralto Voices have the ability to extend the Chest Register to E, and unite it with the Head Register. This is the ooly proper way for Contralto voices to blend the registers, leaving out the Medium Register entirely. The upper takes of the Chest Register are so strong, that it would be necessary to soften them down so much to blend them with the Medium Register that the best part of the Chest Register would be lost.

The Compass has little or nothing to do with determining whether a voice is Soprano, Mezzo Soprano or Contralto. The quality and quantity (or volume) of the voice, decides the class to which it belongs.

#### DIFFERENCE BETWEEN SOPRANO, MEZZO SOPRANO, AND CONTRALTO VOICES.

THE SOPRANO VOICE is weak and delicate in the Chest Register. It cannot produce the mellow, full quality of tone which the Mezzo Soprano does in the same Register. If a Soprano tries to produce a Mezzo Soprano quality with this Register, the result will be that the voice will become hoarse and husky, producing sore throat, and if persisted in any length of time it will require much effort to produce any tone at all with the Chest Register, and the voice will sound much as if a piece of wollen cloth was laid over the mouth To produce the tones of the Medium Register, Soprano voices direct the breath against the front part of the mouth, producing a clear flute-like quality of tone, while the Mezzo Sopranos form the tones of the Medium Register a little farther back in the roof of the mouth, producing a full Clarinet quality of tone. If a Soprano tries to imitate a Mezzo Soprano in producing the tones of the Medium Register, the result is false intonation, hoarseness, breaking of the voice, and a muffled quality of tone. To produce the tones of the Head Register, Soprano voices direct the breath towards the front part of the mouth, producing a clear, pure quality of tone, while Mezzo Soprano voices produce the tones of the Head Register by directing the breath farther back in the roof of the mouth, producing a more mellow and full quality of tone, but not so brilliant and flute-like as the Soprano. If a Soprano tries to imitate a Mezzo Soprano in producing the tones of the Head Register, the result is the flute-like quality of the tone is destroyed, and a hard, shrill, sharp quality of tone is produced instead.

THE MEZZO SOFRANO VOICE, is full, rich and melodious in the Chest Register If a Mezzo Soprano, tries to produce a Soprano quality of tone io this Register, the voice loses the full quality peculiar to the Chest Registors of Mezzo Soprano's, producing a thin, affected quality of tone, for the reason that the volume of the chest is thrown away, and a tone is produced which receives its resonance from the mouth instead of from the chest. If a Mezzo Soprano tries to imitate a Contralto in producing the tones of the Chest Register, the result will be that the mellowness and richness of the voice will be lost, and the tone will become coarse, hard and unpleasant. It also brings on debility of the vocal organs, with hoarseness and loss of voice. As Mezzo Soprano voices can sing the Alto part as well as the Treble part, there is great danger of attempts to imitate the Contralto when using the Chest Register, while such an imitation is certain ruin to a Mezzo Soprano voice. Mezzo Soprano voices form the tones of the Medium Register by directing the breath into the roof of the nonth, while Soprano voice form them by directing the breath into the front part of the mouth. If a Mezzo Soprano tries to imitate a Soprano in producing the tones of the Medium Register, the result is the loss of the full mellow quality peculiar to the Mezzo Soprano voice in this register, and the production of a thin, hard quality of tone inatead. Contralto voices never use the Medium Register, but carry the Chest Register up to the Head Register. If Mezzo Sopranos' try to imitate Contraltos' in this respect, and carry their Chest Register up to the Head Register, they will ruin their voices. Mezzo Soprano voices form the tones of the Head Register by directing the breath into the front part of the mouth. If a Mezzo Soprano tries to imitate a Soprano in producing the tones of the Head Register, the tone becomes shrill and sharp, and will often he false. There is no daager that a Mezzo Soprano will attempt to imitate a Contralto in this Register.

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THE CONTRALTO VOICE is very full and of a somewhat masculine quality, in the Chest Register. In this Register it has somewhat of the quality of the Mezzo Soprano voices, but it is less mellow, and of a more masculine quality of tone. There is no danger that a Contralto will attempt to imitate a Mezzo Soprano in the Chest Register, when using their full Chest voice. Some singers think the full masculine tones of the Chest Register are too coarse, and attempt to avoid them, by closing the month, stopping the throat and muffling the voice, producing an imperfect imitation of the Chest Register of the Soprano voice. Contralto voices must sing with the Contralto quality of tone throughout, their entire compass, and not attempt to muffle or yeil it. If required to sing softly, Contralto voices must still preserve their peculiar quality, and sing softly, by keeping the vocal organs unalterably in the proper position, and not try to subdue the power of the voice, by entirely changing its quality, i. e., whether einging loud or soft, they must invariably preserve the quality of tone peculiar to the Contralto voice. The Head Register of Contralto voices is less mellow than the Head Register of Mezzo Soprano voices, and not as flute-like as the Soprano, but more shrill The Head Register of the Contralto is not used in Chorus Singing.

#### UNALTERABLENESS OF FEMALE VOICES.

Nature determines whether the voice is Soprano, Mezzo Soprano, or Contralto, and the singer can no more alter the class of voice nature has given her than she other than the Alto part.

can add "a enbit to ber stature." Singers sometimes ruin their voices by attempting to initiate a voice which pleases them, but which belongs to a different class from their owo. Learners may imitate experienced singers in everything except quality of voice, with that they must be satisfied with what nature has given them. Practice will very much improve the quality of every voice, but it will always retain its own native peculiar quality. As easily might one expect to alter her face in imitation of some one's else face, as to expect to alter the quality of her voice, in exact imitation of some one's else voice. Consequently a Soprano will always remain a Soprano, a Mezzo Soprano will always remain a Mezzo Soprano, and a Contralto will always remain a Contralto.

Whichever part the singer sings, she must sing it with the quality of tone appropriate to the class to which her voice belongs. Thus if a Soprano should attempt to sing Alto, ehe must sing it with the Soprano quality of tone. If a Contraito should attempt to aing Treble, she must sing it with the Contraito quality of tone. (It is of course improper for a Soprano to sing Alto, or for a Contraito to sing Treble.) Mezzo Sopranos' can sing either part, but which ever part they sing, they must invariably produce the quality of tone peculiar to the Mezzo Soprano voice.

The three classes of voices may be compared to a Violin, a Violincello, and a Double Base, which produce tones in many respects alike, but differing not only in compass, but in volume and quality of tone.

### THE KIND OF MUSIC BEST ADAPTED TO THE DIFFERENT FEMALE VOICES.

The Soprano voice is best adapted to perform music requiring fine and delicate performance, or rapid execution. In Choirs Sopranos must never sing any other than the Treble part.

The Mezzo Soprano voice is best adapted to perform musio requiring deep pathos and emotion, and that requiring full volume of voice, and dramatic effect. It is not so well adapted to rapid execution as the Soprano. In choirs Mezzo Sopranos can sing either the Treble or Alto part, with equal effect.

The Contralto voice is best adapted to music requiring depth and hreadth of voice and expression. Music which falls within the compass of its Chest Register can be sung with the best effect. In choirs Contraltos must never sing any other than the Alto part.

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# CHAPTER IX.

#### CLASSIFICATION OF MALE VOICES.

Male voices are divided into Three Classes, viz.

TENOR VOICES.

BARYTONE VOICES.

BASE VOICES.

#### TENOR VOICES.

There are Three kinds of Tenor voices, viz. Counter Tenor, Chest Tenor, and Mixed Tenor.

#### THE COUNTER TENOR VOICE.

A Counter Tenor Voice has usually a compass of two octaves. It is a high, light soft male voice, rarely met with, and is not unfrequently called by singers who are not well versed in the Cultivation of the Voice, an Alto voice, or a Falsetto voice. It forms an exception to all other voices in respect to its Medium Register, which extends through an entire octave.



#### CHEST REGISTER OF COUNTER TENOR VOICES.

In Counter Tenor Voices, the tones of the Chest Register are weak, thin, and often of a shrill quality. To improve them, much practice is necessary, according to the directions for developing the Chest voice, given in Chapter VII.

#### MEDIUM REGISTER OF COUNTER TENOR VOICES.

Instead of being as all the other voices, the most defective, in Counter Tenor voices, the Modium Register is the most effective part of the voice. The singer is able to give it much of the resonance of the Ohest. The tones are formed in the same manner that all other voices form the Chest Register, viz. by causing the breath to go directly out of the mouth, instead of being directed to a part of the mouth, as in the Medium and Head Registers of other voices. A fault in singing the tones of this Register is, to allow the tone to break into a Head voice instead of enning open and full from the Chest. [5] HEAD REGISTER OF COUNTER TENOR VOICES.

There is so little of the Head Register in Counter Tenor voices, that its use as a general thing is discarded altogether.

### BLENDING THE REGISTERS OF COUNTER TENOR VOICES.

There being so much more power in the Medium Registor in Counter Tenor voices, than there is in the Chest Register, and the Chest Register being the most defective part of the voice, the process for blending the Registers must be the reverse of that pursued in blending the other voices, i. e., the Medium Register must give way to the Chest, and its lower tones must be softened to unite with the tones of the Chest Register. Uncultivated Counter Tenor Singera sometimes use four or five different qualities of voice, one tone being with the Chest voice, the next with the Medium, the next with the Head, and so on forming an uncoath mixture of Contralto, Counter Tenor, and Chest Tenor voices, giving the impression that the Counter Tenor is an unnatural and useless voice, whereas, when its different registers are properly blended, and its tones properly produced, it is one of the most useful of Tenor Voices.

#### THE CHEST TENOR VOICE.

The Chest Tenor Voice has usually a compass of two octaves. It is a full, rich, mellow male voice.



CHEST REGISTER OF CHEST TENOR VOICES

In Chest Tenor Voices, the tones of the Chest Register are naturally full and sonorous. The tones of the Chest Register must be formed as directed in Chapter VII. Care must be taken in singing with this Register, not to force the tones, as it destroys the sweetness of the voice. makes it busky, and cause a the singer to sing flat, hesides depriving bim of the command of his voice in the other Registers.

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# THE SECOND DEPARTMENT OF VOCAL MUSIC.

#### MEDIUM REGISTER OF CHEST TENOR VOICES.

The tones of this Register are the most defective part of a Chest Tenor Voice. The tones are formed by directing the breath against the front part of the mouth, with the mouth moderately opened. The faults are, taking the tone too far back in the mouth, giving it a thick, heavy quality, which after a little practice, makes the singer hoarse, and destroys his intonation. Singing with the mouth too much closed, with the muscles of the lower jaw contracted, producing a very hard, dental quality of tone, and causing irritation of the bronchial tubes. Occasionally singers form the tones of this Register, by pressing the tongue back at the roots, making the tones guttural and hollow.

#### HEAD REGISTER OF CHEST TENOR VOICES

In Chest Tenor Voices the tenes of the Head Register are formed by directing the heath gently against the soft palate. Some singers possess the ability to combine the resonance of the mouth with the ringing clarion quality of the chest. forming what is called the "Chest Voice in the Head Register." The faults are—Forming the tone too far back in the mouth, and allowing it to press too strongly against the Soft Palate, taking away the metalic ring of the voice and causing it to sound veiled or smethered. Pressing it too much in the front part of the mouth, at the same time nerving the lower jaw, making the tone so hard, that it almost causes to be a musical tone, but becomes a yell.

#### BLENDING THE REGISTERS OF CHEST TENOR VOICES.

The Chest Register being naturally full and melodious. it is comparatively quite easy to pass from the Chest to the Medium Register, if the directions given in Chapter VII are observed. Passing from the Medium to the Head Register is much more difficult. To pass from the Medium to the Head Register, be careful that the change is only a change in the direction of the breath, but in no case a change in the position of the vocal organs. D in the Medium Register is the most defective tone in the whole compass of the voice. When designing to pass from the Medium to the Head Register, the D must be sung more softly than it is necessary to sing it, when not designing to sing higher, for if sung too loud, the break in passing from one Register to the other becomes very apparent. To overcome the defect in this "D," it should be sung the first, whenever the singer practices, commencing at the lowest note of the Chest Register, and practicing the entire compass of the voice.

### THE MIXED TENOR VOICE.

The mixed Tenor voice has a compass of Two and a fourth octaves. It is a male voice of a little mellower character, but with not so full and clarion a tone as the Chest Tenor voice. It is better adapted to the parlor than the Chest Tenor voice, but not so well adapted to the public hall.

COMPASS OF A MIXED TENOR VOICE.



CHEST REGISTER OF THE MIXED TENOR VOICE.

In Mixed Tenor Voices the lower tones of the Chest Register are somewhat more full than these of Chest Tenor voices, though with not se much of the clarion, brilliant quality. As the voice ascends the scale, the tones become thinner than those of the Chest Tenor. If the tone is foreed, the voice become husky, and the singer loses the command of its intonation. Uncultivated voices sometimes form the tone too much in the threat, by pressing the tongue back at the roots, making the tone guttural, and doing the threat great injury

#### MEDIUM REGISTER OF MIXED TENOR VOICES.

Mixed tenor voices form the tones of the Medium Register by directing the breath straight out of the mouth, without allowing it to be obstructed in any part of the mouth. If they follow this direction, and the directions given in Chapter VII, they cannot get the tones wrong. The faults are,—Raising the tongue, pressing it back in the throat, making the tone guttural, and causing the singer to sing flat. Clesing the mouth and nerving the lower jaw, making the tone bard and dental

#### HEAD REGISTER OF MIXED TENOR VOICES.

Mixed Tenor Voices form the tones of the Head Register by directing the breath straight out of the mouth, precisely as in producing the tones of the Medium Register. Mixed Tenor voices cannot produce the ringing clarion tones which Chest Tenor voices can produce with the tones of this Register, but they must give the tones as much resonance from the chest as possible.

#### BLENDING THE REGISTERS OF MIXED TENOR VOICES.

It is comparatively easy for Mixed Tenor voices to blend all the Registers, it being only necessary to observe the directions in Chapter VII.

# THE CULTIVATION OF THE VOICE.

### BARYTONE VOICES.

There are two kinds of Barytone voices, viz. Full Barytone and Light Barytone.

## THE FULL BARYTONE VOICE.

A Full Barytone voice, has usually a compass of Two and a quarter octaves. It is to the Male voice what the Mezzo Soprano is to the Female voice.

COMPASS OF A BARYTONE VOICE.



## CHEST REGISTER OF FULL BARYTONE VOICES.

The tones of the Chest Register of Full Barytone voices are rich, deep and mellow. The tones must be produced in accordance with the directions in Chapter VII. Uncultivated voices are inclined to make the lower tones guttural, by pressing the tongue back at the roots, and the upper tones thin and hard, by singing with the month too nearly closed.

## MEDIUM REGISTER OF FULL BARYTONE VOICES.

In Full Barytone voices the tones of the Medium Register are formed by directing the breath into the roof of the mouth, directly in front of the soft palate. When properly formed, the tones are full, clear and of a ringing quality. The faults are, directing the breath too far back in the month, producing a hollow instead of a ringing tone. Taking the tone with the month too much closed, producing a thin, hard, dental tone. It is of the utmost importance that the directions in Chapters I, II and III should be observed when producing the tones of this register.

#### HEAD REGISTER OF FULL BARYTONE VOICES.

In Full Barytone voices the tones of the Head Register are very powerful, and at first can only be produced with full volume of voice. It is of the utmost consequence that the directions in Chapters I, II and III should be observed when producing the tones of this Register. As the singer acquires control of the vocal organs, the ability to sing the tones of this register soft will be acquired. I or closing the mouth and throat, endeavoring to imitate a Chest Teore.

## BLENDING THE REGISTERS OF FULL BARYTONE VOICES.

It is comparatively easy to blend the registers of Full Barytone voices, if the directions in Chapter VII are observed. Uncultivated voices, sometimes produce a great break in passing from the Chest to the Medium Register, occasioned by not directing the breath to the right part of the mouth, but this break can be remedied by observing the directions in Chapter VII.

## THE LIGHT BARYTONE VOICE.

A Light Barytone voice has the same compass that a Full Barytone has. This voice is more flexible and delicate than the Full Barytone, but not so "telling."

CHEST REGISTER OF LIGHT BARYTONE VOICES.

The tones of the Chest Register of Light Barytone voices are full and very mellow, not possessing so much of the ringing quality of tone as the Full Barytone, but partaking more of the character of the Chest Tenor. Thus a common fault, is to try to imitate the Full Barytone by forcing the voice, destroying the sweet mellow quality of the tone, making the singer hoarse, and if persisted in, injuring the intonation.

## MEDIUM REGISTER OF LIGHT BARYTONE VOICES.

In Light Barytone voices the tones of the Medinm Register are formed as in the Medium Register of the Full Barytone. This Register of Light Barytone voices differs from the Medium Register of Full Barytooe voices, in the tone possessing a mellow quality, instead of the clarion quality of the Full Barytone. A common fault is, trying to produce the clarion quality of the Full Barytone. which it is impossible for a Light Barytone to do-and it will ruin his voice if he persists in trying to do it. The faults described as common in the Medium Register of Full Barytone voices, are also common with this voice.

## HEAD REGISTER OF LIGHT BARYTONE VOICES.

The tones of this Register are formed the same as the tones of the Head Reg ister of Full Barytone voices, the only difference between the two voices being that the Light Barytone is more mellow, possessing something of the character of the tones of the Head Register of the Chest Tenor, only not so clear and clarion. A common fault is, forcing the voice to produce the quality of a Full Barytone.

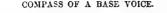
# THE SECOND DEPARTMENT OF VOCAL MUSIC

#### BLENDING THE REGISTER OF LIGHT BARYTONE VOICES.

The quantity and quality of this voice, being so much lighter than the Full Barytone, if the directions in Chapters I, II, III, and VII are observed, it will be comparatively casy to nuite the registers of this voice.

### BASE VOICES.

A Base voice has usually a compass of two octaves. It is rarely good in its uncultivated state, being of a heavy, rough quality. In uncultivated voices, the vocal organs seem as if stiff and unyielding, and it requires much practice to bring them under control.





There is such a wile difference between the Chest and Medium Registers of this voice, the Chest Register being so strong and the medium so weak, that the Medium Register is discarded altogether, and the Chest Register extended up to E, so that practically the Base voice has but one Register.

The tones must be formed according to the directions for producing the tones of the Chest Register given in Chapter VII.

F, G and A, (fourth line, fourth space, and fifth line) are weak and defective tones. Uncellivated voices commonly sing these tones out of tune, occasioned by allowing the vocal organs to change their position. If the directions in regard to the position of the vocal organs in Chapter I are observed, and the vocal organs are not permitted to change, this difficulty can be overcome.

To carry the Chest Register up through the medium, the breath must be directed straight out of the month, and the tone brought deep out of the chest, es described in the directions for singing the tones of the Chest Register in Chapter VII. At first, an uncultivated Base voice will hardly be able to sing C of the Medium Register with the Chest quality of tone. He must not sing higher until by practice he is able to sing C with perfect ease. He may then practice D, and when that is acquired can extend the voice to its utmost limit, E. It will in some instances require a very long time, to bring out and properly develope this part of the voice, but in no case must the attemut be made to sing higher

by an exertion of physical force, but the upper tones must be sung a above directed, extending the compass only so fast as the singer acquires control of the vocal organs.

Until the voice is perfectly formed from low G, to high D, the singer should never sing lower than low G. The habit which many uncultivated Base voices have of singing as low as they can, is very injurious. Until the upper tones are properly developed they should never sing lower than G.

DIFFERENCE BETWEEN TENOR, BARYTONE AND BASE VOICES.

The general remarks in reference to difference in Female voices in Chapter VIII, (page 31) apply also to the difference in Male voices, and should be read previous to reading the following remarks.

THE TENOR VOICE differs from the Barytone, in the Chest Register, by the tones being of a lighter quality, not having that volume and fulcess which the Barytone possesses in the Chest Register. If a Tenor voice tries to imitate a Barytone in producing the tones of this Register, the result is hoarseness and false intonation. In the Medium Register the Tenor voice has not that hollow ringing head quality of tone peculiar to the Barytone. If a Tenor voice tries to imitate a Barytone in producing the tones of this Register, the result is huskiness, hoarseness and singing out of tune. In the Head Register, the Tenor voice has not the full volume of the Barytone, but is finer and of a more ringing quality. If a Tenor voice tries to imitate a Barytone in producing the tones of this register, he will destroy this Register of his voice, and have only as many tones in it at his command as the Barytone has.

THE BARYTONE VOICE differs from the Tenor voice in the Chest Register by being deep, full and mellow. No serious injury results from Barytone trying to imitate a Tenor in the Chest Register, but by so doing, the Barytone loses the most effective part of his voice, and his singing sounds affected. The Barytone voice differs from the Base voice in the Chest Register, by the voice being mellow, full, and flexible, while the Base voice is heavy, cumberous and of a harder quality. If a Barytone voice tries to imitate a Base voice in producing the tones of the Chest Register, the tones will lose their mellow quality, and become hard and coarse, and he will find it impossible to sing in tune. The Barytone voice differs from the Tenor voice in the Medium Register by the tones heing much more full and ringing than those of the Tenor. The case with which many Barytone voices sing the tones of the Medium Register, often misleads them, and makes them think they possess Tenor instead of Barytone voices. If a Bary tone voice tries to imitate a Tenor voice in producing the tones of the Medium imperfect mixture of Barytone and Tenor. ' If a Barytone voice tries to carry the Chest Register up through the medium Register as Base voices do, the loss practice they have learned properly to control the voice. of the control of the vocal organs will be the result. The Barytone voice differs from the Tenor voice in the Head Register, in the quality, quantity, and man-leompass of the Chest Register. In Cheirs, Base voices should never sing any ner of producing the tone. The tone has a deeper, ronoder, and fuller quality other than the Base part. than the Tenor, and not the fine clear ringing quality which is peculiar to the Tenor voice. If a Barytone voice tries to imitate a Tenor voice in producing the tones of the Head Register, the result will be the loss of the ability to produce the tones of this Register.

THE BASE VEICE differs from the Barytone voice in using but one Register, while the Barytone uses three. The tones are much deeper, heavier, and of a harder quality. There is little danger of a Base voice trying to imitate a Barytone in the Chest Register. If a Base voice tries to produce the tones of the Medium Register, as the Barytone voice does, instead of carrying the Chest Register through the Medium, the result will be that the voice will become an imperfect mixture of Barytone and Base.

#### UNALTERABLENESS OF MALE VOICES.

The general remarks in reference to the unalterableness of Female voices in Chapter VIII (page 32) apply also to male voices, and should be read before levely so once before breakfast, and twice in other parts of the day. It should be reading the following remarks.

A Tenor voice will always remain a Tenor voice. A Barytooe voice will always remain a Barytone voice. A Base voice will always remain a Base voice. Nature has determined to which class every voice belongs, and whoever attempts to force his voice into a different class from that to which it naturally belongs, will ruin it, and will never succeed in becoming a good singer.

## THE KIND OF MUSIC BEST ADAPTED TO THE DIFFERENT MALE VOICES.

Tenor voices should not sing songs in which any of the tones are lower than the appropriate compass of a Tenor voice. Even the practice of Barytone tone songs should be avoided, as having a tendency to make the voice hoarse and husky. In choirs, the tenor voices must never sing any other than the Tenor part.

Barytone voices should confine themselves to songs within the natural compass of their veices. The continued practice of either Tenor or Base songs will have an injurious effect upon the voice. In choirs, cultivated Barytone voices can must be commerced with the natural forte of the voice, and care-

Register, his voice will lose its natural character of a Barytone, and become an using either the Base or Tenor part. Uncultivated Barytone voices should confine themselves to the Base part, and not attempt to sing the Tener part, until by

Base voices should confine themselves to songs which lie entirely within the

# CHAPTER X.

#### PRACTICAL EXERCISES.

NOTE. There is not space in this work to furnish a full course of exercises for the "Seeond Department." but it is expected that the instructions of this Department, will be applied to the practice of tunes, anthems, and whatever else is sung. The melodies of the different tunes in the book, will serve as vocal exercises, for the particular study of this Department.

The following Scales should form a daily practice, with all who wish to acquire perfect control of the vocal organs as taught in the Second Department. The Swelling Scales must be sung according to the directions in Chapter IV, (Page 22).

The Scale in the First Form (exercises No. 1 and 2) is the first exercise new beginners should have to form the voice. Those who wish to get perfect control of their voices should practice this scale three times a day, alone by thempracticed standing erect, bearing equal weight upon each foot, with the instructions in Chapters I, II and III perfectly and literally observed. Carelesness in regard to the position, manner of producing the voice, &c, will be followed by highly injurious results, making the voice worse than if the singer should neglect practice altogether.

The singer should frequently practice in front of a mirror, to see that his position, &c., are all right.

This Scale in the Second Form (exercises No. 3 and 4) is designed to increase the volume of tone, and the ability to sing soft or loud at will, going from soft to loud without tremalousness. It is very fatiguing to practice it. Once a day is as often as it ought to be practiced. It should not be practiced when the singer is fatigued, but only when the vocal organs are perfectly fresh. Singers must not attempt the practice of the scale in the second form, until able to sing it perfect in the first form.

In the scale in the third form (exercises No. 5 and 6) each tone

fully continued and ended with the same power of voice. The observance of the rules in reference to positions are of so much importance in the practice of this scale, that it will be well to practice with a stick passed through the hollow of the arms behind the back, thus compelling an erect position, and with a stick about three quarters of an inch long between the teeth, thus compelling the month to be properly opened. Once a day is econgh to practice this scale. Voices that are naturally coarse and rough will be smoothed down by the practice of the scale in the third form, and voices that are weak and tremulous will be made strong and firm by it.

In the scale in the fourth form (exercises No. 7 and 8) the tone must be commenced, continued and ended soft, with the same care in regard to position, &c., which is required in the practice of the scale in the third form. The object of the practice of the scale in this form is to give the singer the ability to sing piano and pianissimo. It is difficult for singers to control the vocal organs so as to sing soft properly. The practice of this form of the scale gives this ability, and it is || should be laid aside, and the scale in the second form practiced and so on. In the only practice which will. It should be practiced twice a day.

The Chromatic scale (exercises No. 9 and 10)should be practiced twice a day, taking especial care that the directions in Chapters I, II and III are observed. The practice of this scale will train the ear perfectly, and ensure perfect intonntion. Care must be taken that the instrument with which it is practiced is m perfect tune, and up to concert pitch. It will be better not to practice at all, than to practice with an instrument out of tune.

The scale in octaves (exercises No. 11 and 12) is designed to impart the ability to sing large intervals correctly, commencing the tones with firmness and in perfect tune. It should be practiced three or four times a day.

The singer must not practice the scale in the second form, until the ability to sing the scale in the first form has been perfectly acquired, nor the scale in the third form until the ability to sing that in the second has been acquired, and so on. After acquiring the ability to sing the scale in the first form perfectly, it other words but one of the scales at a time, must form the daily practice.

## SCALE IN THE FIRST FORM.

#### THE SWELL.

No. 1.

FOR SOPRANO, MEZZO SOPRANO AND TENOR VOICES.



# THE CULTIVATION OF THE VOICE.

## SCALE IN THE SECOND FORM.

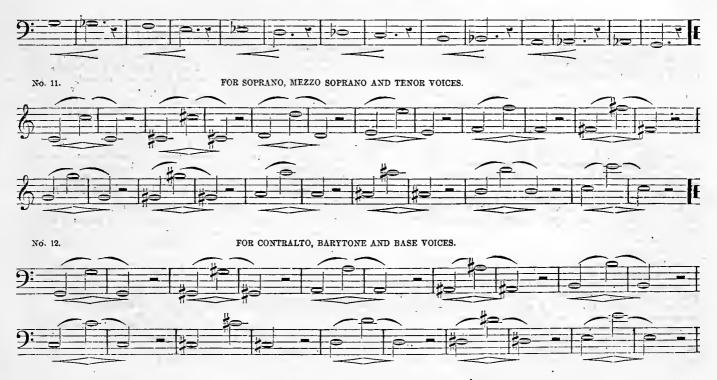
THE DOUBLE SWELL.



# THE SECOND DEPARTMENT OF VOCAL MUSIC

FOR CONTRALTO, BARYTONE AND BASE VOICES. No. 8. No. 9. FOR SOPRANO, MEZZO SOPRANO AND TENOR VOICES. FOR CONTRALTO, BARYTONE AND BASE VOICES. No. 10.

# CULTIVATION OF THE VOICE



NOTE. The Instructions in the Cultivation of the voice which are contained in this book, are such as all singers ought to study, in order to sing well in choirs or singing societies. Solo singers require to pursue the subject much further, and are earnestly recommended to study the work entitled, "INSTRUCTIONS IN THE MANAGEMENT OF THE VOICE, by E. H. Frost, assisted by A. N. Johnson," in which the subject is carried out in its minutest detailes, upon the sume general plan which has been pursued in this work.

[6]

# CHAPTER XI.

#### ORGANS OF THE MOUTH AND THROAT.

NOTE. The following explanations impart such information in reference to the organs of the Month and Throat, as is necessary for the study of the Physiological System of Vocal Music as contained in this book. More particular information in reference to them can be found in Medical Works and in Treatises on the Voice.

#### THE WINDPIPE.

In the plate upon the oppposite page, KK represents the Wind-pipe. All vocal tones are produced by the breath passing from the Lungs up through the Wind-pipe.

## THE LARYNX.

At the upper part of the Wind-pipe is an apparatus consisting of five cartilages, viz., the *Thyroid*, the *Cricoid*, the *Epiglottis*, and the two *Arytenoid*. They are bound together by ligaments and moved by muscles. The union of these five cartilages is called the Larynx. In the plate, the Larynx is represented at H. L. I.

The Thyroid cartilage is the largest of the five, and forms the prominence in the front of the neek, called "Adam's Apple." The Cricoid entilage is situated below the Thyroid. It connects with the Thyroid Cartilage, and with the upper ring of the Wind-pipe.

The Arytenoid cartilages, are small triangular bodies placed upon the back part of the Cricoid Cartilage.

The  $E_{piglottis}$  is placed behind the base of the Tongue. In shape it resembles a leaf of parsley. In the plate, the Epiglottis is represented at I.

Two ligaments pass from the Thyroid Cartilage to the two Arytenoid Cartilages which are called the *Vocal Cords*. The aperture or opening between these ligaments is called the *Glottis*. It is about three quarters of an inch long and one quarter of an inch wide. In the plate the "Glottis" or "opening of the Larynx" is represented between H and L.

The *pitch* of the tones in singing is determined by the Larynx. To produce the lowest tone of the voice, the Glottis or opening of the Larynx is opened to its fullest extent. As the voice ascends the seale, the muscles of the Laryux are contracted, and the Glottis made smaller and smaller.

Note. All of the trouble which singers and speakers have with the throat, is in the Larynx, occasioned for the most part by compelling the Larynx to produce as well as pitch the tone. The tone must be produced by forcing the current of air up from the lungs, by the motion of the abdominal nuscles, as explained in Chapter III, leaving the Larynx with nothing to do but to regulate the pitch. Those who compel the Larynx to produce as well as pitch the voice, will soon experience fatigue, dryness of the throat, irritation of the Larynx, huskiness, sore throat, and finally loss of vnice.

## THE SOFT PALATE.

In the Plate, the Soft Palate is represented at F. It can be drawn up so as to enlarge the eavity at the back part of the roof of the mouth. When it is down in its natural place, the tone will be brilliant and clear. When it is drawn up, and the room it occupied in the back part of the mouth is occupied by the breath, the tone will be mellow and soft. The lower part of the Soft Palate is called the UVULA. The Uvula moves with the Soft Palate, and is in reality a part of it, but it has also a backward and forward motion of its own. It is the vibratory motion of the Uvula which causes the articulation of a trill or rapid running passage. The Soft Palate and Uvula can be easily seen by looking into any person's mouth, if the mnith is widely opened.

### NERVES OF THE LOWER JAW.

The "bundle of nerves" of the Lower Jaw is represented in the Plate, under the letters A, D, C. These muscles are designed to move the jaw when masticating food. Many singers have the habit of keeping them contracted when singing, thus, always making the tone bard or shrill, and injuring the intonatioo. While singing, these "Nerves of the Lower Jaw" must always be perfectly relaxed.

#### POSITION OF THE TONGUE.

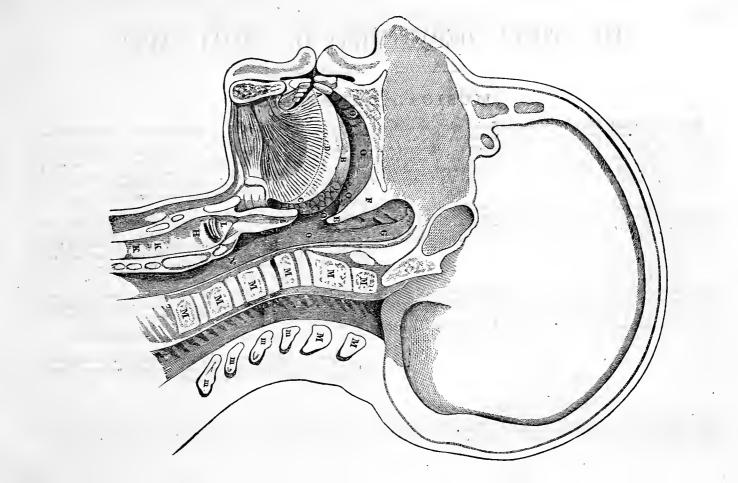
In the Plate the tougue ("B") is represented in the position it must always be ia, when vowel elements are being sung, i. e., perfectly motionless on the bottom of the mouth. When articulating consonants its position must necessarily be changed.

NOTE. Two prominent faults in nsing the tongue in singing, are first, rolling it up at the end (towards "A") into the roof of the mouth, producing a smothered quality of tone, and second, pressing the tongue back at the roots (towards "C") back into the Larynx, producing a guttural quality of tone. Some singers have the habit of curling the end of the tongue back into the roof of the mouth, forming, so to speak, a "solid mass of tonge" in the middle of the mouth, producing a very hard quality of tone.

#### NASAL TONES.

In the Plate, the passage to the Nasal Organs is represented at "G." The Singer must not allow the breath to pass into the passage marked "G," or a nasal quality of tone will be produced.

#### EXPLANATON OF THE PLATE.



# MUSICAL EXPRESSION.

Singing is exceedingly dull, monotonous and ineffective, when performed with the same power of voice throughout the piece. To make it effective, various gradations of loud and soft must be constantly employed, and the singer must possess the ability to sing with all the various grades of power from very soft to very loud, and with all the feeling and emotion of which his soul is susceptible. This is taught in the Third Department of Vocal Music, the Department of "Musical Expression."

NOTE. The teacher can illustrate this by comparing singing with reading. A piece or hymn read in a monotonous tone of voice, with no variations in the power of voice, is a performance procisely like a piece sung with the same monotonous power of voice from beginning to end. As "Musical Expression" is the department upon which the effect of singing entirely depends, the teacher should carefully illustrate its nature and importance.

There are two kinds of Musical Expression,

MECHANICAL EXPRESSION, and

EMOTIONAL EXPRESSION.

MECHANICAL EXPRESSION, is that expression which is given to a piece, by Mechanically observing the marks of expression which are printed in the music, or Mechanically obeying the directions of the Leader.

EMOTIONAL EXPRESSION, is that expression which springs from the soul of the singer, being the natural outburst of the feelings, expressed in the singing.

# CHAPTER I.

### MECHANICAL EXPRESSION.

Note. Although a finished singer can commit but one greater fault, than to sing with Mechanical Expression, (and that would be to sing with no expression at all) it is still absolutely necessary to learn it, as it is the only possible guide to the true Musical Expression, viz. Emotional Expression.

The following Italian words, or their abbreviations, are used to designate the various shades of Musical Expression.

"Mezzo," or its abbreviation "m" means "medium" or "middling" power of voice. By this is meant, that the passage is to be sung with the ordinary power of voice which a singer uses in common conversation—neither loud nor soft, but without any force applied to make the tone loud, or any restraint to make it soft.

The power of voice which one would use in conversation at the tea table, would be the "Mezzo" power.

Note. Practice Exercise No. 1, on page 70, carefully using the Mezzo power of voice.

"Piano," or its abbreviation "p," means "soft." By this is meant that a restraint must be placed upon the voice, and instead of allowing it its natural force as in "Mezzo," it must be restrained. Two persons talking so as not to be overheard by those near them, would use the "Piano" power of voice.

NOTE. Practice Exercise No. 2 on page 70, carefully using the Piano Power of voice.

"Pianissimo," or its abbreviation "pp" means "very soft." By this is meant that the voice must be suppressed as much as possible, without injury to the quality of the musical tone. Persons whispering, use the "Pianissimo" power of voice.

Note. Practice Exercise No. 3, on page 70, carefully using the Pianissimo power of voice.

"Forte," or its abbreviation "f," means "loud." By this is meant, that a force must be applied to raise the tone to a louder power than in "Mezzo." Two persons conversing across a wide street, would use, the "Forte" power of voice.

Note. Practice Exercise No. 4, on page 70, carefully using the Forte power voice

"Fortissimo" or its abbreviation "ff" means "very loud." By this is meant that the utmost power of voice must be used, never however, under any circumstances using so much power as to injure the quality of the tone. A person crying fire, would use the "Fortissime" power of voice.

## MUSICAL EXPRESSION.

NOTE. The words "mezzo-piano, (mp) and "mezzo-forte," (mf) are sometimes used, to denote a power between mezzo and piano, or between mezzo and piano, or or mezzo and forte. Sometimes "ppp" or "fff." are met with, but such a use of these letters is of course, extravaguat and absard. It may he well to practice Exercise No. 2 with the mezzo-piano power of voice, and Exercise No. 4, with the mezzo-forte power of voice, to impart to the pupils a definite idea of these two powers.

"Tenuto," or "Organ Tone," represented by the sign \_\_\_\_\_, means that a tone, or passage of music, must be commenced, continued and ended with the same power of voice. The required power of voice is usually denoted by one of the beforementioned marks, as for example, "Tenuto, p," or "Organ Tone, p," meaning that the passage is to be commenced, continued and ended, soft,..." Tenuto, f" or "Organ Tone, f," meaning that the passage is to be commenced, continued and ended, loud The term "Organ Tone," is used to designate this power of voice, because the pipes of an organ always produce a tone which, commences, contintinues, and ends, with precisely the same power.

Nore. Practice Exercises No. 6 and 7, on page 70, carefully singing with the Organ Tone as directed.

"Crescendo," or its abbreviation "Cres," or represented by its sign, means that a tone or passage of nusic, must be commenced soft, and sung with constantly but gradually increasing power of voice throughout its entire length. For example if a line is to be sung "crescendo," cach note must be carefully made louder than the preceding one, and each tone must be carefully increased in power, during its entire length.

NOTE. Practice Exercise No. 8, on page 70, commencing soft, and carefully singing louder and louder throughout the exercise. A crescendo passage must asually be commenced soft, to allow scope for the increase of power.

Diminuendo, or its abbreviation "Dim," or represented by its sign, , means that a tone, or passage of music, must be commenced loud, and sung with constantly, but gradually diminishing power of voice, throughout its entire length.

For example, if a line is marked "Diminuendo," each note must be carefully made softer than the preceding one, and each tone must be carefully diminished in power during its entire length.

NOTE. Practice Exercise No. 9, on page 70, commencing load and carefully singing softer and softer throughout. A diminacado passage must usually be commenced load, to allow scope for diminishing the power.

-each, mean that the

" Ritardando" or its abbreviation, " Ritard."

- "Rallentando," or its abbreviation, "Rallen."
- " Lentando," or its abbreviation " Len."

" Calando," or its abbreviation " Cal."

passage must be sung slower and slower. In other words, that the time must become slower and slower, so that each note will be in slower time than the one which precedes it.

Note. Practice Exercise No. 10, on page 70, carefully singing slower and slower from and after the mark "Ritard."

"Accelerando," or its abbreviation, "Accel," means that the passage must be sung faster and faster. In other words, that the time must become faster and faster, so that each note will be in faster time than the one which precedes it.

NOTE. Practice Exercises No. 11, on page 70, carefully singing faster and faster from and after the mark "Accel."

Practice Exercises No. 12 and 13, on page 70.

A Tempo, means te return to the regular time of the tune, after a passage has been snng Ritardando, or Accelerando.

NOTE. Practice Exercise No. 14, on page 70.

It is a rule of Mechanical Expression, that where no marks of expression are used, ascending phrases must be sung crescendo, and descending phrases must be sung diminuendo.

NOTE. Practice Exercises No. 16, on page 70, carefully singing crescendo where the tones ascend the scale, and diminnendo where they descend the scale.

It is a rule of Mechanical Expression that where no marks of expression are used, ascending *phrases* must be sung *Accelerando*, and *descending phrases* must be sung **R**itardando.

NOTE. Practice Exercise No. 16, on page 70, carefully singing Accelerando where the • tones ascend the scale, and Ritardando where they descend the scale.

NOTE. It is of the atmost importance that singers should be carefully trained in Mechanical Expression, to the end that every one of its varied "Powers" may be perfectly at command. So that the singer may never be singing "Merzo" when "Fianissimo" is wanted. nor "Forte" when "Fortissimo" is wanted, nor "Tenuto" when "Crescendo" or "Diminuendo" is wanted, nor "A Tempo" when "Accelerando" or "Ritardando" is wanted. It should be perfectly anderstood, however, that perfect command of the various degrees of Mechanical Expression, is ubsolately necessary as a means, but not as an end. Although no one can be a good singer who is not versed in mechanical expression, it will be seen in the next chapter that no one can be a good singer who is over sings with it.

## CHAPTER II.

#### MODULATIONS OF THE VOICE.

Every singer has the ability to use three distinct *Modulations*, or qualities of voice, viz.

THE FULL VOICE. THE HALF VOICE. THE SUPPRESSED VOICE.

No.r.. Sirfgers who are unacquainted with these three modulations, and who consequently always sing with the same modulation, produce the same effect as far as "expression" is concerned, that would be produced by always using the same modulation of the voice in speaking. If a speaker should announce to an audience "a glorious political victory," "a laughable incident" and "a distressing accident" all in the same tone or modulation of voice, his speech would be no more devoid of "expression" than is the performance of a singer, who sings without employing the three different modulations of the voice.

THE FULL VOICE. This modulation of the voice is produced by causing the breath te come straight out of the mouth, without pressing in one part of the mouth more than in another, every tone receiving full resonance from the chest as well as from the mouth. No attempt must be made to suppress or veil the voice in any manner whatever, but it must be delivered perfectly free, with its full natural force.

THE HALF VOICE. This modulation of the voice is produced by forming the tone in the front part of the mouth, instead of forming it deep in the chest.

NOTE. The teacher can illustrate, by singing a tone, starting it deep in the chest, and throwing it out full and free as directed under the head of "Full Velce." This will be an illustration of the "Full Velce." Then let him sing the same tone, but instead of starting it deep in the chest, starting it in the front part of the mouth. This will be an illustration of the "Shalf Voice." These two modulations of the voice can also be illustrated by reading a sentence, bringing the tone full and free from the chest (as an illustration of the "Full Voice") and then reading the same sentence, forming the tone in the mouth (as an illustration is on the Half Voice.)

THE SUPPRESSED VOICE. This is also called the Sombre quality of voice, and sometimes, the **Rotund voice**. This modulation of the voice is produced by directing the breath against the Soft Palate (for an explanation of the Soft Palate see page 42.) instead of allowing it to pass directly out of the mouth as in the Full and Half voices.

NOTE. In speaking the word "Hark," softly, and ns one would naturally speak it, if desiring to induce the one to whom it is addressed to listen suddenly to some distant sound, the breath is thrown up against the soft palate, precisely as is required to produce the sup-

pressed modulation of the voice. In producing the Suppressed Yoice, the breath must be pressed against the Soft Palate, enough to take away all that brilliancy of voice which belongs to the "full Modulation of the Voice," and kept back in the mouth, pressing against the Soft Palate, to give it that Sombre Quality which belongs to the Suppressed Voice, and not be allowed to run into the light quality of tooe belonging to the Half Voice, and which will be produced, if the breath is permitted to go to the front part of the mouth, instead of being kept back nader the Soft Palate.

Effects in Singing depend, in a great measure, upon the proper use these Modulations of the Voice. Every voice has a natural tendency to one of these Modulations. In other words, one of these Modulations is natural to every voice, while the other two must be acquired. The 'Full Voice'' is the natural Modulation of some Singers. Such singers must acquire the "Half Voice' and the "Suppressed Voice," but will always excel in music requiring the "Full Voice." The "Half Voice' is the natural Modulation of some singers. Such singers must acquire the "Full Voice" and the "Suppressed Voice," but will always excel in music requiring the "Half Voice." The "Suppressed Voice" is the natural Modulation of some singers. Such singers must acquire the "Full Voice," and the "Half Voice," but will always excel in music requiring the "Suppressed Voice."

#### USES OF THE MODULATIONS OF THE VOICE.

The FULL VOICE, is the appropriate Modulation to use in singing lofty hymns of praise, bold and spirited authems, dashing sea songs, and music of a bold and eheerful character generally.

The HALF VOICE is the appropriate Modulation to use in singing light glees, light ballads, and music of a light and tripping character generally. This Modulation must be cautiously used in sacred music, or it will give it a secular effect.

The SUPPRESSED VOICE, is the appropriate Modulation to use to express horror, dread, gloom, or deep dramatic pathos. This is also the proper Modulation to express reverence.

NOTE. The teacher should now illustrate the importance, and in fact absolute necessity of these Modulations, as vividly as possible. In the case supposed in the first note in this chapter, the speaker should use the "Full Voice," to express the "glorious victory," the "Haif Voice" to express the "laughible incident," and the "Suppressed Voice" to express the "distressing accident." The teacher can also illustrate the subject, by referring te different verses of hymns, and words of anthems, and explaining the Modulations which must be used to express them properly. For example:

"Praise God from whom all blessings flow," requires the "Fall Voice,"

"How balmy is the air, How warm the sun's bright beams,"

requires the "Half Voice."

"When I walk through the shades of death," requires the "Suppressed Voice."

It will be well for the teacher to select different lines of different hymns, and [] require the pupils to tell him which Modulation will most appropriately express the sentiments of the words.

COMBINATIONS OF THE MODULATIONS OF THE VOICE.

The three Modulations which have been explained, are the three distinct Modulations, but in regular singing they are combined together in every imaginable way. For example, a passage may require to be sung with a Modulation half way between the Full and the Half Voice, the Full and the Suppressed Voice, or the Half and the Suppressed Voice. A line may require to be commenced with the Full voice and gradually Modulated to the Half Voice, &c. &c. A passage may require to be sung with the Full Voice, with a slight shade of the Suppressed Voice running through it, &c. &c.

NOTE. These Modulations of the Voice may be compared to colors. The Full, Half and Suppressed Voices are the "primary" colors, but they may he blended in every possible way. The 'Combinations of the Modulations of the Voice' should not be explained to the pupils until they are thoroughly versed in the Modulations themselves. In other words they should not be permitted to "combine the colors," antil perfectly familiar with the nses of the "primary colors." After the "Combination of the Modulations of the Voice" has been explained, it will be well to exercise the pupils, by selecting lines (of verses) which require a combination of Modulations, and require them to decide what combinations of Modulations will give the best expression to the sentiments contained in the words. For example:

"When brighter suns and milder skies Proclaim the opening year,"

would be best expressed by being sung with the "Full Voice," with a combination or shadlog of the Half Voice.

"One there is above all others Well deserves the name of friend,"

would be best expressed by being sung with the Half Voice, with a very little tendency towards the Suppressed Voice. Such examples can be multiplied by the teacher ad infinatum.

# CHAPTER III.

#### EMOTIONAL EXPRESSION.

NOTE. The practice of "Mechanical Expression" as directed in Chapter 1, and of "Modolation" as explained in Chapter II, is necessary to impart the ability to produce the various grades and shades of Musical Expression. It should be explained distinctly, that Mechanical Expression is to he studied, solely to impart the ability to sing with various degrees of power, and that Modulation is to be studied, solely to impart the ability to use the various Modulations of which the voice is capable. Emotional Expression is the only must give way. If the Emotional Expression of a pussage will be promoted by

true musical expression. To sing a passage loud solely because it is marked loud, or crescendo solely because it is marked crescendo, is as far from perfect musical expression, as a similar mode in public speaking would be from effective elecution. Une who should read Shakspeare in public, having previously had the various sentences marked lond, soft, and with the various inflexions of the voice, and should read with no other expression, than that produced by mechanically obeying these marks, would produce just such a stiff, cold and uninteresting performance, as a singer does, who mechanically oneys the marks of expression, giving no play or scope to his feelings and emotions. Having acquired the ability conferred by the study of Mechanical Expression and Modulation, the singer should always produce the Musical Expression, by giving free play to bis own emotions, using such a grade of power, Modulation of Voice, and variation of time as the inspiration of the moment suggests. If at the moment he feels it will be the best expression to sing the passage loud or soft, crescendo or diminnendo, accelerated or ritarded, he should sing it so, no matter what it is marked, or whether it is marked at all or not. By this is meant that this is the way one must sing when he is singing alone. In choir or chorus singing the leader should use the expression which the inspiration of the moment suggests to him, without any reference to the marks. The members of the choir of course must give the expression directed by the leader, and not in any case follow their own feelings when sloging in chorus.

EMOTIONAL EXPRESSION, is that expression which flows from the emotions of the Soul.

NOTE. Emotional Expression cannot be easily explained with the pen, but can readily he illustrated with the tongue.

Let the teacher read the first verse on page 131 (or some similar verse) in a monotonous tone of voice, and in a careless and indifferent manner, with no definite idea in his own mind, what the verse is about. This will be an illustration of reading without any expression at all.

Next, let him read the same verse, with varied inflexions and powers of voice, but still without fixing his mind at all upon the subject matter of the verse-reading it correctly according to the roles of Elocution, but with no feeling, or realization of the meaning of the words. This will be an illustration of Mechanical Expression. The reading will be "coldly" correct, but will not move the feelings.

Finally, let him fully realize the sentiments expressed in the verse, and read it, observing all the rules of Elocution, and at the same time throwing all the pathos and feeling into it which is possible, reading it as if his whole soul was concentrated in the one object, of impressing the "souls" of the listeners in the fullest manner possible with the sentiment of the words. This will be an example of Emotional Expression.

A skillful player can clearly illustrate this subject with a violin. Playing a piece in a careless and indifferent manner, will give an example of music with no expression. Playing with one passage loud, another soft, another crescendo, another diminuendo, &c., but with no feeling on the part of the performer, will be an example of music with Mechanical Expression Playing with the whole sont of the performer absorbed in the piece, will be an example of emotional expression.

Any rule of music can be broken, if Emotional Expression will be promoted by breaking it.

That is, Emotional Expression is the "supreme power," before which all rules

singing it out of time, the rule for keeping time must stand aside. If the Emotional Expression will be promoted by singing a passage "loud," which is marked to be sung "soft"—the mark is null and voia. If the Emotional Expression will be promoted by singing a passage "slow," which is marked to be sung "fast," the direction to sing "fast" becomes of no effect.

The rules for Masical Expression resemble those of Elocution. An eloquent speaker, if well educated, will be perfectly familiar with all the rules of language and eloquence, but never allows himself to be trammeled by them in the least. When speaking he gives his emotions "free play," without troubling himself to think whether he is conforming to a set of rules or not.

A good singer, in like manner, will make himself perfectly familiar with all the rules, and acquire the practical ability to observe them. He will acquire the ability to keep time mechanically correct,—he will acquire the ability to observe the marks of Mechanical Expression with perfect accuracy,—but after having mastered these and all other rules, he will not allow himself to be trammeled by them, but when he sings he will adopt the expression which his emotions at the moment indicate best expressive of the sentiments he is uttering, no matter how much he may vary from a mechanically correct performance.

It may here be remarked that a perfect musical performance is seldom or never a performance in which the striet rules are literally observed with mechanical correctness. The author was once listening to the performance of one of Handel's songs, by a distinguished public singer, in company with a teacher of music from a remote part of the country. The song was most exquisitely rendered, and the most experienced ear could not have detected a fault in the performance. What was the author's astonishment then, to hear his friend, the music teacher, say that it was miserably sung, for he had carefully beat the time himself, and scarcely two consecutive measures were in correct time! A parallel case would be, to listen to a thrilling speech from a glowing and talented orator, and when asking a neighbor's opiniou of it, to be told that it was miserably delivered, because the orator did not stop long enough to count four at the periods ! according to the rule in such case made and provided.

When a Singer is singing a song or solo piece alone by himself, he must give his feelings and emotions free play, and use those forms of expression which suggest themselves at the moment, as best expressing the sentiments of the piece.

Note. In performing a piece with Emotional Expression, the responsibility is of course upon the singer. If he injudiciously sings a passage loud, that would be more effective if sung soft, or if he accelerates the time in a passage which would be more effective if sung A Tempo or Ritardarde, his judgment or taste may be censared, but his right to give it any form of expression he pleases cannot be questioned. In a choir or chorus no singer must have any mind of his own, but must he wholly and entirely subject to the Leader, who in directing the expression should give free play to his own emotions, and direct that expression which suggests itself at the moment as most effective.

Note. Emotional Expression is, so to speak, the "final finish" to be given to the performance of a piece of music. A choir must sing as if it was one body, of which the Lender is the soul. A choir can sing with Emotional Expression in no other way. Every mind in the choir must he entirely subserviant to the Leader's, so much so that they can bring out the ideas which he forms in his mind, as perfectly as a solo singer's voice brings on the ideas which he forms in his onind. A choir which can sing with Emotional Expression is a very bighly trained choir. To acquire the ability to sing with Emotional Expression a choir must be thoroughly trained in the Fourth Department, and acquire the habil of haring every voice entirely subservient to the Leader's mind. The Leader must form an idea of the expression in his own mind and the choir must he able to bring out this Expression.

It may be well to remark that a tune sung with Emotional Expression, cannot be sung alike under two different Leaders—because the expression must be decided by the Leader's giving free play to the emotions of his own mind, and the Latural emotions of two minds will never be alike.

The All Important Point in Emotional Expression is for the singer to personify the words he is singing.

Norre. All singing seems iffeless, dull and insipid without this. The words in singing should always be treated as a play actor treats the words he is speaking. Never mechanically recited, but embodied with life and mearing. Singers should always strive to make the words their own, just as a play actor strives so to speak the words he atters, that they will seem as if they were bis own. To train his choirs on they will always since, personifying the words, throwing their whole souls into them, embodying them, and making them appear as if they were their own words, should be the cheire aim of every choir Leader, tha goal, towards which all his training should tend. This is Emotional Expression par excelence, and the final finish of a perfectly under control, have the grades of Mechanie Expression with the different Modulations of the Voice, Ferfectly at command, and he so trained that whatever hymn they sing, will seem as if the words are their own, and as if the sentments contained in them come "burning" fresh from the hearts of the choir, and the training of that choir is perfect.

## NOTE TO TEACHERS AND LEADERS.

If the principles set forth in this "Third Department of Vocal Music" are correct, it is useless to attach the marks of Mechanical Expression to tunes and anthems. Consequently most of the pieces in this book are destitute of them. A tune or piece of music should never be sung without a constantly varied expression, but what that expression should be, should be governed by such circumstances as these, viz .- whether it is a large or small choir,whether the choir is composed of experienced or inexperienced singers,-whether the voices are for the most part strong or weak,-whether the church or hall is large or small,-wheth er the weather is such that the air is bracing, or such that the singers feel languid .-- whether the congregation are in that state of mind which would be induced by having just listened to a pungent and effecting sermon, or whether they are in a state of apathy and indifference. Each of these and numerous other circumstances, would demand quite a different style of expression to the same piece, and the presence of marks of expression, demanding the same expression under all circumstances, would be deemed by an intelligent leader, a nuisance. Effective expression can only be given by a choir being so well trained according to the requisitions of the Fourth Department (page 49) that they will infallibly hring out the expression dictated by the Leader. (Read note, close of page-53).

# MUSICAL DISCIPLINE.

To be able to sing in company with other singers, as for example, in a choir, or musical association, the singer must acquire the ability to implicitly and invariably obey every direction of the Leader or Conductor. This is taught in the Fourth Department of the Study of Vocal Music — the department of "Musical Discipline."

# CHAPTER L

## THE NECESSITY OF MUSICAL DISCIPLINE.

The exercises of a choir or singing association, when engaged in singing, are precisely like those of a military company when on parade, with the single difference, that the performances of the singers are designed to please the ear, while those of the soldiers are designed to please the eye.

A company of soldiers cannot perform their manœuvres properly, unless every member has acquired the habit of instantly and invariably obeying the order of the commanding officer, because the proper performance of the manœuvres is entirely dependent upon every member doing the same thing simultaneously, and this can be done in no other way, than by one person giving the order, and all the others obeying it at the same moment. In like manner, a company of singers cannot possibly perform properly, unless every member has acquired the HABIT of instant obedience to every direction of the lader, because the proper performanee of singing is entirely dependent upon every singer doing everything alike, and at the same moment, and this can be done in no other way, than by one person giving the necessary directions, and all the others obeying them simultaneously, at the same moment.

A singer who is perfectly versed in the first, second and third depart- singer to sing alone by himself

ments, but who is not trained to observe the requirements of the fourth department, is useless, or worse than useless, in a choir. Although he may be skillful in "reading music," as taug't in the "first department," may have perfect control of his voice, as taught in the "second department," and may have learned to sing with soul-felt expression, as taught in the "third department," he is not qualified nor fit to be a member of a singing association, or choir, unless he has acquired the habit of invariably obeying the directions of the leader, as taught in the "fourth department." A soldier, who should have perfectly learned to execute every military manœnvre, but who had not been trained to obey the word of command, would be unfit to take part in the exercises of a military company. Although he should be able readily and skillfully to perform every exercise, if he should frequently fail to hear the word of command, and should, therefore, fail to execute the manœuvre when the rest of the company do, or through habitual inattention, should frequently mistake the order, and execute the wrong manœuvre, (as for example, to "fire," when the order is to "shoulder arms,") he would not be tolerated as a member of any well-trained military company, however great his skill as a "solo soldier." In like manner, a singer who has not been trained to rigidly obey the directions of the leader, but who frequently fails to hear the direction, and therefore fails to sing in accordance with it, or through habitnal inattention, frequently mistakes the direction of the leader, and sings' passages in a different manner from what the leader has directed, (as for example, singing "loud" when the order has been to sing "soft," singing a "tone" when the order has been to "pause" or "rest," &c., &c.,) will not be tolerated as a member of any well-trained choir or singing association, however great his skill as a "solo singer."

The study of the fourth department is not necessary to qualify a singer to sing alone by himself

The study of the fourth department is *absolutely indispensible* to qualfy a singer to sing with a choir or singing association.

The study of the first department will impart the ability to "read nusic" fluently. Every singer should earnestly covet this ability, and has reason to feel highly gratified when he has acquired it. The study of the second department will impart the ability to sing with pure, clear and perfect tones of voice. Every singer should earnestly covet this ability, and has reason to feel highly gratified when he has acquired it. The study of the third department will impart the ability to sing with life-like expression and emotion. Every singer should earnestly covet this ability, and has reason to feel highly gratified when he has acquired it.

The study of the fourth department will impart the qualification which will make it certain that the singer will not fail to hear the direction of the leader, and will not fail to instantly obey it, just as a good soldier never fails to hear the word of command, and never fails to instantly obey it. *Every singer should earnestly covet this qualification*, and has reason to feel highly gratified when he has acquired it.

Note. --- It must be self-evident, that the effect of all choir and chorus singing is entirely dependent upon the study of the fourth department. The study of the other departments will make a good solo singer, but it is not until the ability imparted by the study of the fourth department is added to the qualifications imparted by the study of the other departments, that the singer becomes a good choir or chorus singer. The teacher cannot be too particular in enforcing and illustrating the idea that it is the union of every voice in producing one effect, which constitutes chorus singing, and that this union can be obtained in no other way than by every voice following the direction of one mind, viz., the leader's. As the parade of a military company cannot he pleasant to the eye, if each soldier follows the direction of his own mind instead of that of the commanding officer, so the performance of a company of singers cannot he pleasant to the ear, if every singer does not subject himself entirely to the direction of the leader's mind. A singer, when singing under a leader, should have no mind of his own. If the leader does not know as much as the singers, it does not alter the case at all. As long as he is officially the leader, his directions should be implicitly followed. No properly educated singer will ever express any opinion of his own when singing under a leader, but will make it his sole aim to literally and rigidly carry out the ideas of the Leader with regard to the performance of the piece even if the leader's ideas are crude and unrefined. If a leader is not qualified for his position, the proper means should be taken to have him removed, but while he is Lcader, he should be implicitly obeyed, and implicit obedience to the leader should be a fixed habit with every singer.

# CHAPTER II.

### HOW TO ACQUIRE THE HABIT OF OBEDIENCE TO THE LEADER

The leader should give his directions definitely, and in a clear and distinct tone of voice, and give a direction *only once*.

For example, when he names the page, let him do it clearly and distinctly, but only once. If he wishes the choir to commercie in a particular place, (as for example, "on the last note of the sixth measure") let him say so definitely and distinctly, but do not let him repeat the direction. Let the choir always understand that no direction will be given twice, and they must hear it the first time or not at all.

Singers should carefully make it a rule never to fail to hear the directions given by the Leader.

Soldiers acquire the habit of listening to the word of command so that they never fail to hear it. Singers should acquire the same habit, by never allowing themselves to fail of listening every time the Leader speaks. If they are whispering, the moment they hear the Leader's voice they should make it a rule to stop, even in the middle of a seatence, and concentrate all their attention upon what he is saying. If they are thinking of anything else, they should invariably "call home their thoughts which roam abroad" the moment the Leader speaks, and concentrate them entirely upon the directions he is giving. In short, a singer should never allow it to occur, that the Leader shall give a direction which he does not hear and at once obey, any more than a member of a well trained military company would allow himself to ever fail to hear and instantly obey the order of the commanding officer

The leader should never overlook a single act of inattention or disobedience to the direction he gives.

Meetings for musical practice should be conducted precisely like meetings for military practice. When a military company meet for drill and practice, those who take their places in the ranks, never fail to hear and obey the officer. If the officer should say "shoulder arms," and one in the ranks should "order arms," the officer would not overlook it, but if need be, he would speak to the soldier presonally. If one in the ranks should get tired and not "feel like practicing," he would not be permitted to retain his place in the ranks and neglect the exercise, but would be required to retire from the ranks. In like manoner, Leaders should require that every singer should hear and at once obey every direction he gives, and if need he should speak personally to any who fail. He should also require those who from fatigue or any other reason do not wish to take part in the practice to retire from the "ranks" of the singers and take seats in some other part of the room, no more tolerating those who do not wish to sing " in the ranks" of the singers, than a drill officer would tolerate those who do not wish to drill, in the ranks of the soldiera.

Note. The Teacher should be careful to impart the idea that the ability to obey the Leader, without ever failing to hear and instantly obey his directions, is a qualification which every singer should strive to acquire. In illustration reference may be made to all thoroughly educated musicians,--who with their other acquirements invariably possess the ability to instantly obey the Leader, and always appear to do it as if it was a fixed and long established habit. The learner should be made to understand that it is not the obedience which a auperior requires from an inferior, that is here required, but the acquirement of a qualification without which no one can be a good Choir or Chorus Singer.

# CHAPTER III.

#### PRACTICAL EXERCISES.

Note. A Leader of a Choir should strive to have his choir completely under command, and until it becomes so will find it a good plan to have regular practice in "Musical Discipline." The following are suggested as "drill exercises," to which the Leader can add others invented by himself. The object of the practice, is to secure military precision and promptness in obeying the directions of the Leader.

1. Name different pages, and require the singers to find them in the least possible time.

Where singers have not been trained in Musical Discipline, when the page is named they will often turn over half the leaves in the book before finding it, not unfrequently forgetting what page was called for, even while engaged in the act of finding it, and are compelled to ask what the page is, while actually turning over the leaves to turn to it. This is, perhaps, of small importance in itself considered, but the end and aim of the "Fourth Department," is to form the habit of hearing, and obeying the Leader instantly, and to form this habit the Leader must be carefully and instantly obeyed in every order he gives. The same idea is conveyed by saying that the end and aim of the "Fourth Department," is to form in singers the habit of instantly concentrating the mind upon the direction of the Leader, at once excluding everything else from the thoughts, and bringing the whole energies of the mind entirely upon the immediate execution of the order of the Leader. This habit will never he formed unless the ainger follows the practice of instantly obeying the Leader in everything.

2. Direct the choir to sing the tune "Homer," on page 76,

First. Omitting the second measure in each line.

Second. Omitting the third measure in each line.

. Third. Singing the first note in each measure, and omitting all the fourth lines loud. other notes.

Fourth. Omitting the first note in each measure, and singing all the other notes.

Fifth. Omitting the last note in each line.

Sixth. Omitting the first note in each line.

Seventh. Omitting the first note in the second measure of each line. *Eighth.* Omitting the first note in the third measure in each line. *Ninth.* Omitting the last note in the second measure of each line. *Tenth.* Omitting the last note in the third measure in each line.

Nore. If the practice of the Choir is accompanied by an instrument, let the instru ment always play the tune regularly through, omitted notes and all, as this will preserve the time, and make the practice still more efficacious, by tending to mislead the singers, and causing them to sing out on the notes which are ordered to be omitted, thus compelling still greater watchfulness. If no instrument is used, let the time be regularly kept and the omitted notes be treated as if they were rests. Let the Leader proceed with this exercise, precisely as a drill officer in a military drill would proceed, and insist on perfect compliance with the directions, if necessary, even speaking personally to those who fail. The exercise will compel the singers to concentrate the mind upon the directions which are given, and tend to form the indispensible habit of concentrating the whole mind upon the performance of the tune, without which no one can ever become a good singer. A very important point in Musical Expression, is for a choir to make a sudden pause or rest. For example in the fourth line of Wilhelmina, on page 173, a marked effect can be produced, by "ordering" the choir to "stop short" after "costly" and after "free," if they all obey the "order." If, however, an unfortunate voice or two should "sing out" in the silent passages, the effect would be ridiculous. One of the varieties of expressions explained in the Third Department, is to make "abrupt stops," where the sense of the words requires it. Of course no effect can be produced by such a "stop," unless every member of the choir observes it. The above exercise will be a good training for forming the habit of observing such "stops" or "panses." If the Leader wishes, other tunes can he used in the same manner that "Homer" is directed to be used, and the practice can be extended ad infinitum.

3. Direct the choir to sing the tune "Alexandria," on page 127,

First. Singing the first and third lines loud, and the second and fourth lines soft.

Second. Singing the first and third lines soft, and the second and fourth lines loud.

Third. Singing the first and last lines soft, and the other lines loud. Fourth. Singing the first and last lines loud, and the other lines soft. Fifth. Singing the first line loud, and all the other lines soft. Sixth. Singing the second line loud, and all the other lines soft. Seventh. Singing the third line bud, and all the other lines soft. Eighth. Singing the fourth line loud, and all the other lines soft. Ninth. Singing the first line soft, and all the other lines loud. Tenth. Singing the second line soft, and all the other lines loud. Eleventh. Singing the third line soft, and all the other lines loud. Twelfth. Singing the fourth line soft, and all the other lines loud. Thirteenth. Singing the first and third lines crescendo, and the second

and fourth lines diminuendo.

Fourteenth. Making a swell in each line. That is, commence each line soft, and swell out louder and londer to the middle of the line, and then diminish until the last note is sung as soft as the first one.

Fiftcenth. Singing the first line soft, the second line crescendo, the third line with the organ-tone loud, and the fourth line diminuendo.

Sixteenth. Singing the first line with the organ-tone soft, the second line crescendo, the third line with the organ-tone loud, and the fourth line diminuendo.

Seventeenth. Commencing soft, and singing crescendo as the treble, ascends, and diminuendo as the treble descends.

Nore. Let the Leader give these directions with distinctness and military precision, and give them only once. Let him see to it that every direction is strictly and literally complied with by every member of the choir, not overlooking a single failure in any respect, on the part of a single member of the choir. The exercise can be extended, if desired, hy singing other tunes in the same way. The most frequent direction which a Leader must give, is in reference to the lines to be sung loud, soft, &c. The above exercise will form the habit of obedience in this respect.

4. Direct the choir to sing the tune "Symonds," on page 77.

First. Singing the first and third lines Accelerando, and the second and fourth lines Ritardando.

Second. Singing the first and third lines Ritardando, and the second and fourth lines Accelerando.

in time. [10]

Fourth. Ritarding the fourth line, and singing all the other lines in time.

Fifth. Singing in time, but making the third line much faster than the other lines. That is, let the time in the third line be marked faster than it is in the other lines. Accelerando means "singing faster and faster." The direction here given means "sing the third line in equal time, but in faster time than the other lines."

Sixth. Singing in time, but singing the second line slower than the other lines.

Seventh. Accelerating the time as the treble ascends, and Ritarding it as the treble descends.

Note. In a thoroughly well trained choir, the Leader will find it necessary to be constantly giving the following kinds of directions. 1st, "Requiring the members of the choir to find a given page." 2d, Requiring the members of the choir to " stop abruptly" where the words require it." 3d, Requiring the members of the choir to sing soft, loud, crescendo, diminuendo, &c., at specified places." 4th, " Requiring the members of the choir to sing Accelerando, Ritardando, &c. at specified places." The foregoing exercises, it will be perceived, are designed as "drill exercises," to train the choir to perfect obedience to the Leader in these particulare. By reference to the "Third Department" it will be seen that nothing can be accomplished in that department, until the singers have acquired the habit of perfect obcdience to the Lender in these points. It should also be the rule for the choir to instantly obey the Leader in all other particulare, as for example when the meeting for practice is called to order, the members should instantly take their places and not linger a moment for any purpose whatever. If the whole or a part of the choir are directed to change their seats, the request should be instantly complied with, and in short, military obedience should be promptly rendered to every direction of the Leader, when officially on duty.

# CHAPTER IV.

## NEVER MAKE MISTAKES.

When a singer is not familiar with a tune, if he does not sing it Third. Accelerating the fourth line, and singing all the other lines || right, it cannot be called a mistake, but a want of ability to sing it " right.

After a singer has become perfectly familiar with a tune, if he sings any part of it wrong it is a *mistake*, for which *there can be no possible* excuse.

Nore. The study of the Fourth Department, has for its object, in short, to train the singer to concentrate his whole mind upon the performance. To contract the babit of bringing the whole mind exclusively upon the single object of performing the tune properly, excluding everything else from the thoughts. No matter what subject may occupy the thoughts previously, the moment the direction "to sing" is given, the singer nust from hahit, instantly exclude every other subject from the thoughts, and concentrate them upon the sole subject of the performance of the tune. If this is done, of course a mistake in a tune with which the singer is familiar, is an impossibility. If the singer is familiar with the tune (i. e. is able to sing it fight, and concentrates his whole mind upon its performance, he will certainly sing it right.

If he makes a mistake in a tune which he is able to sing, and with which he is perfectly familiar, it is because his mind is not concentrated upon the performance of the tune, but is occupied with subjects forcign to it. Leaders should not tolerate such mistakes, but if need he, should speak personally to those afflicted with such aberrations of the mind, just as a military drill officer would deal with a member of his company, who through absence of mind, should make a mistake and "fire," when the order was to "order arms."

## CHAPTER V.

#### HOW TO TRAIN A CHOIR.

When a choir is practicing, the leader should never sing himself, but should devote his attention to listening to their performance. He should do nothing to pull them along or aid them in their performance, but should simply issue his orders for the style of performance he wishes, and see to it, that they perform it according to his directions without any aid from him. A good leader is one who can so train his choir, that they will certainly and infallibly obey his directions, so that when he tells them how he wishes a piece sung, it will be certain that they will sing it so. In a public performance, or in church, the leader of course will give his choir such aid with his voice or instrument as they may require; but even there, his own performance should so blend with the choir as to form one with them, and never predominate.

NOTE. A perfect performance of singing must unquestionably include the appearance of familiarity with the piece sung, just as arequisite of a good declamation at school is, perfectly familiarity with the piece the scholar is speaking. At a public school exhibition, if a boy should speak a piece, and the master should all of the time be standing at his side, prompting him in every scentence, and fairly pushing him through the piece, it would not be considered a good declamation. If Jenny Lind had sung her pieces with a professor of nusice at her side, who was constantly helping her through the land places, her performances would have here hanghed at. A choir who cannot sing without being pulled along by the Leader, ner not properly trained, und cannot sing correctly, because perfect familiarity with the piece, and perfect ease and fluency in singing it, are indispensably necessary to an effective performance of a choir, and the prompting and "pulling" of a Leader, or of a prominent singer, as certainly ruins the effect of the singing, as a similar procedure on the part of a school teacher in a declamation exercise at a public school exhibition, would ruin the effect of the declamation.

NOTE. If the principles set fourth in this "Physiological system of Vocal Masic' are correct, for a choir to sing correctly without regular usekly rehearsals, is an utter impossibility. For a choir to sing correctly with an irregular attendance of any of its members, at rehearsals, is also an impossibility. If the importance of the service the choir have to perform is realized, and a just sense entertained of the nature of the exercise in which they are called upon to lead, it would seem that there should be no more difficulty in inducing members of a church and congregation possessing the requisite qualifications, to dedicate a portion of their time regularly to the work of properly singing the praises of Him "from whom all blessings flow," than in securing the services of members of the church and congregation for sabbath school teachers, or any other department of labor devolving upon a church.

## NOTE TO LEADERS AND TEACHERS.

Assuming that the singers have made themselves familiar with this "Physiological System of Vocal Music," the following is snggested as an effective method of practice. First, sing the tune through, directing the singers to give particular attention to the instructions of the "First Department." In other words, to carefully read the notes correctly, keep the time perfectly, &c. When they can sing it perfectly with reference to the First Department, let them practice it, giving attention to the instructions of the "Second Department." In other words to carefully see to it that every tone is correctly produced, every letter correctly articulated, and every other instruction of the Second Department carefully observed. When they can sing the tune well with reference to these points, then let the leader decide upon the mechanical expression, and direct the singers which lines he will have sung soft, loud, crescendo, diminuendo, accelerando or ritardando. When they can sing the tune perfectly complying with the directions of the Leader in reference to the Mechanical Expression, let the Leader decide what Modulations of the Voice he will have used, and issne directions which lines he will have sung with the Full Voice, the Half Voice or the Suppressed Voice. When they can sing the tune using the Modulations of the Voice as directed by the Leader, let them, finally, give the time its Emotional Expression. In other words, let him see to it that every singer becomes wholly absorbed in the sentiments of the words, singing them precisely as if they were their own words, coming "heartily" from their own hearts. A little experience in listening, will enable a Leader to tell if every singer is singing with the mind entirely concentrated upon the subject of the words, or whether any one is sloging without knowing what he is singing about

## PIECES FOR THE PRACILLE OF

THE ANCIENT MELODY.



O THE WINTER HAS PASSED AWAY.



# PIECES FOR THE PRACTICE OF

HARVEST HOME.



2

COME LET'S MAKE OUR VOICES RING.





HOW BLITHELY THE ECHOES.



# PIECES FOR THE PRACTICE OF

## MOONLIGHT.



Nors. When singing by syllables, this piece should be sung slowly, and with three heats in a measure. When sung with words it should be sung very fast.

.

MARCH.



# PIECES FOR THE PRACTICE OF

THE VALLEY BROOK.



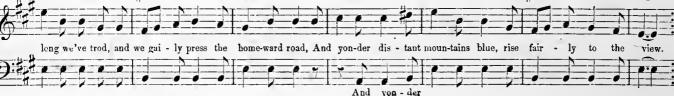


# PIECES FOR THE PRACTICE OF

WEBBE

NOW WIND THE MERRY HORN.







PIECES FOR THE PRACTICE OF



## "HAIL, HAPPY DAY! THOU DAY OF HOLY REST."



# PIECES FOR THE PRACTICE OF





70

PRACTICAL EXERCISES OF THE THIRD DEPARTMENT



# MUSICAL NOTATION. SECOND COURSE.

#### TO SINGING SCHOOL TEACHERS.

There are three purposes for which one may wish to acquire a knowledge of musical m tation, viz.: to play, (an instrument,) to sing, and to compose music. To be able to play from the printed characters in a music-book, one must be sufficiently acquainted with musical notation to know what tone to produce on his instrument, and how long to make the tone after he has produced it. To sing from the printed characters in a music-book, (or, by note, as it is usually called,) one must be sufficiently acquainted with onusical notation to know what tone of the scale to sing, and how long to make the tone when he is singing it. To he able to compose music, one must be familiar with the whole subject of musical notation, with its philosophy, and the reasons for all its ionumerable arrangements and combinations. In all systems for the instruction of singing classes which have heretofore been published, (at least as far as the author of this work is aware,) two GREAT FUNDAMENTAL ERRORS have been made, which almost entirely destroy their nsefulness. The first of these great errors, is, compelling those who wish to learn to SING, to study that system of musical notation which is necessary in order to learn to COMPOSE. That knowledge of musical notation which it is necessary to acquire in order to learn to sing, is a very short, a very easy, and a readily acquired knowledge. Just enough acquaintance with the printed musical characters to know which tone of the scale must be sung, and how much time must be occupied in singing it. No farther acquaintance with musical notation is necessary for a singer, nor will any more extended knowledge of it have the least effect upon his singing. That knowledge of musical notation which it is necessary to acquire in order to learn to compose, is a very long, a very difficult, and a slowly acquired knowledge, imparting to the student the clearest and most minute knowledge of everything which can be known in reference to the subject. The composer must know how to use the notes so as to make a tune. The singer needs only to know what tone the notes represent, so that he may sing a tune that is made. It is remarkable that authors of singing books should have made such an error, as to compel those who study their systems in order to learn to sing, to learn that system of musi cal notation necessary in order to learn to make a tune. As well might the

anthur of a piano-forte instruction book insist that those who nse his system shall learn to make a piano in order to be able to play one, as for the author of a singing-book to insist that his pupils shall learn that system of musical notation, necessary for those who learn to compose tunes, in order that they may be able to sing tunes which are already composed. The department of musical notation in singing-books which have heretofore been published, (as far as the author's acquaintance extends,) have contained a great deal of superfluous matter—matter which belongs to the Department of Musical Notation in a book which teaches Musical Composition, instead of matter which belongs to the Department of Musical Notation, in a hook which teaches singing. It is claimed that in this book, the department of musical notation contains just that matter which it is necessary to learn in order to learn to sixo, and not a word more.

The second great error, made in the systems of instruction which are found in the singing books to which allusion has been made, is the very singular and very remarkable one of teaching that the department of musical notation is the only department it is necessary to study in order to learn to SING ! It would not be so remarkable, perhaps, if such a claim had been made for the second department, (the cultivation of the voice,) because if a person should study that and none of the other departments, he certainly would learn to sing; but it is indeed surprising that the singing-books in question should have claimed that the study of the first department is alone necessary in order to acquire the ability to sing. This great error is the more remarkable from the fact that not a single author of an instrumental instruction book which has been published in this country has committed this error. In not a single instance has an instrumental instruction book asserted that the study of musical notation will enable a man to play the piano or any other instrument. Yet the study of musical notation will do just as much towards making a man a piano-forte player as it will do towards making him a singer. A thorough knowledge of musical notation will do just as much towards enabling a person to finger a piano as it will towards enabling a person to manage the organs of his mouth and throat, which is in both instances nothing at all. It is the study of the department of fingering, which imparts to a piano-forte player the *ability* to play, and the study of all the departments combined which makes him a finished player. It is the study

# MUSICAL NOTATION. SECOND COURSE.

of the department of the *cultivation of the voice*, (not the department of musical notation.) which imparts to the singer the *ability* to sing, and the study of all the departments combined which makes him a finished singer.

It is claimed that in this book, all the departments of vocal music are presented, and not one alone as in other books. It is also claimed, that in this book the department of musical notation is placed in the secondary position which its comparatively inferior importance demands, instead of being made of so much importance as to supercede all the other departments, while the department of the cultivation of the voice and the other departments are assigned the prominence which their paramount importance demands.

# CHAPTER I.

#### MUSICAL NOTATION AS USED IN SINGING.

The teacher's task in the study of musical notation is principally to train the eye of the pupil, training it to that quickness and certainty of sight which will enable him to tell instantly what every note and every position of a note means. The ability to sing every tone is imparted by the study of the second department. The ability to tell readily what tone the notes indicate must be sung, is imparted by the study of the first department. The first course of the department of musical notation, which enumences on page 6 and ends on page 20, is designed to accustom the eye and the mind to deciding quickly what tone cach note represents. To make it more effective and leave the mind strongly impressed with the positions of the notes representing the tones of the different keys upon the staff, neither the base clef nor the chromatic scale are introduced into the first course, but the singer's mind is left perfectly clear, to grasp the idea of the places upon the staff of the notes representing the legitimate tones of the scale in every key.

# CHAPTER II.

#### THE CLEFS.

The tones of the hase part of tunes are usually so low that it is not convenient to write them on the staff as used for the other parts. It is customary to write the notes representing the tones of the hase part in such an order that C is rep-

resented by a note on the second space, instead of on the added line below, as for the treble, alto, and tenor parts. To distinguish these two ways of representing the tones of the scale, characters called OLEFS are placed at the commencement of the staff, that which indicates that C is on the added line below being called the TREBLE CLEF, and that which indicates that C is on the second space being called the BASE CLEF.



Norg. Practice the base parts of the pieces which commence on page 54, which are in the key of C, and the base part which does not contain chromatics, of any tunes in the book in the key of C.



NOTE. Practice the hase parts of the pieces, which commence on page 54, which are in the key of G, and the base part which does not contain chromatics, of any tunes in the book which are in the key of G.



NOTE. Practice the base parts of the picces, which commence on page 54, which are in the key of D, and the base parts which do not contain chromatics, of any tunes in the book which are in the key of D.

NOTE. The base parts which do not contain chromatics, of any tanes in the book, can be used as exercises to impart the ability to sing from the base cief in all the other keys.

# CHAPTER III.

#### THE CHROMATIC SCALE.

Note. The following method for explaining the Chromatic scale is recommended. Let the teacher sing a tone, and then another tone a whole step above it. Then sing the first tone again, and another a half step above it. Repeat the excreise at different degrees af pitch until the papils can clearly distingaish the difference of pitch between tones which are a whole step, and tones which are a half step paper. Use the syllable La, in singing each tone so that the papils shall be guided eatirely by the car. Next require the pupils to sing a tone, and then another a whole step above it. Then let them sing the first tone again and another a half step above it, repeating the exercise at different degrees of pitch, until they can readily sing the tones which are a whole step, and tones which are half step apart. Now reqaire them to sing one of the scale. Then a tone a whole step above it, (which will of course be two) then a tone a whole step above that, (fitREE) then a tone a half step above that, (sours) then a tone a whole step above that, (sit) then a tone a whole step above that, (sit) then a tone a whole step above that, (sit) and then a tone a half step above that, (sit) then a tone a whole step above that, (sit) and then a tone a half step above that, (sit) then a tone syllable La to every tone.) They will at once perceive the distances between the tones of the natural scale.

After the intervals between the tones of the scale are well understood, require them to sing ONE, and then a tone a half step above it. This will of course bring SFARF ONE to light. By the same process introduce all the other intermediate tones. [10] Tones between the tones of the scale are called INTERMEDIATE TONES.

The intermediate rones occur between those tones of the scale which are a whole step apart, viz, between One and Two, Two and Three, Four and Five. Five and Six, and Six and Seven.

As there are not lines and spaces enough in the staff to represent the tones of the scale and the Intermediate tones, the Intermediate tones are represented, by placing the note on the line or space which represents one of the tones of the scale between which the Intermediate tone belongs. Thus the Intermediate tone One and Two, is represented by a note placed upon the line or space which represents over, or upon the line or space which represents two. If the note represonting the intermediate tone is placed upon the line or space which represents the elever of the two tones between which it belongs, a character called a SHARP ( $\sharp$ ,) is placed before it, to show that it is a half step bigher than that tone. If the note representing the intermediate tone, is placed upon the line or space which represents the higher of the two tones between which it belongs, a character called a FLAT (2) is placed before it, to show that it is a half step lower than that tone.



When the Intermediate tone between ONE and TWO, is represented by a note placed upon the line or space which represents ONE, it is called SHARP ONE. When it is represented by a note placed upon the line or space which represents TWC, it is called FLAT TWO.

When the Intermediate tone between Two and THREE is represented by a note placed upon the line or space which represents Two, it is called SHARF TWO. When it is represented by a note placed upon the line or space which represents Three, it is called FLAT THREE.

When the Intermediate tone between Four and Five is represented by a note placed upon the line or space which represents Four, it is called SHARP FOUE. When it is represented by a note placed upon the line or space which represents Five; it is called FLAT FIVE. When the intermediate tone between Five and Six is represented by a note placed upon the line or space which represents Five, it is called SHARP FIVE. When it is placed upon the line or space which represents Six, it is called FLAT SIV

#### MUSICAL NOTATION. SECOND COURSE.

When the Intermediate tone between Six and Seven, is represented by a note placed upon the line or space which represents Six, it is called SHARP SIX. When it is represented by a note placed upon the line or space which represents Seven, it is called FLAT SEVEN.

When the Intermediate tones are named by numerals, the terms Flat and Sharp are placed before the numeral. Thus Sharp One, Flat Three. &c. When the Intermediate tones are named by letters, the terms Flat and Sharp are placed after the letter. Thus, C Sharp, E Flat, &c.

When the Intermediate tone is represented by a note placed upon the line or space which represents the lower of the two tones of the scale between which it beloogs, a syllable is used to it, formed by changing the termination of the syllable of the *tone of the scale* represented on the line or space to *ee*. Thus, as the syllable sung to *One* is Do, the syllable sung to *Sharp One*, must be Dee (Spelled Di.)



When the Intermediate tone is represented by a note placed on the line or space which represents the upper of the two tones of the scale between which it belongs, a syllable is used to it, formed by changing the termination of the *tone* of the scale represented by the line or space to ay. Thus as the syllable sung to *Three* is Mi, the syllable sung to *Flat Three* is May, (Snelled Mo.)





The term "Chromatic Scale," is applied to a Scale combining the tones of the Scale, and the intermediate tones. It is eastomary to write it ascending with sharps, and descending with flats. There is in reality no such thing as a Chromatic Scale; for a sharp or flat introduced in a tune, as really changes the key, as if introduced in the signature. As, however, a knowledge of the science of Harmony is indispensable in order to tell with certainty when the key changes, and what it changes to, the device of the Chromatic Scale is used to enable singers to sing the tones correctly, without being obliged to study the science of llarmony, a study requiring vastly more time than singers are able to devote to the study of mere theory.

#### CONCLUDING NOTE.

In a book like the "Key-stone Collection," it is of coarse, impossible, to print practica. Exercises on all the subjects properly belonging to the Department of Masical Notation. The method has heen adopted, therefore, of dividing this Department into two courses. The first course, which commences on page 6 and ends on page 20, contains all the exercises for practice, necessary to make the pupils *practically* familiar with it. In the Second Course, commencing on page 71, the teacher should axplain all points connected with Masical Notation, not coatained in the First Course, and practice them 'by using tunes in which they accur. A better way still will be, to make the pupils thoroaghly familiar with the First Course, and with the Clefs and Chromatie Scale of the Second Course, and then simply explain other points, when they occur in tunes which the school are engaged in practicing. For example, if Willard, page 164, is to be practiced, er pland dotted eighth notes, if they have not been explained before. And so on, with anything which may occur in a tune, with which the pupils are not familiar. See page 5.

END OF SECOND COURSE IN MUSICAL NOTATION.

# THE

# **KEY-STONE** COLLECTION.

OLD HUNDRED. L. M.

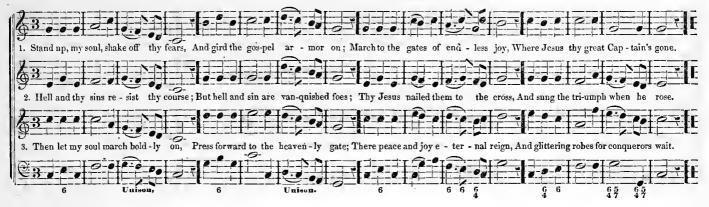




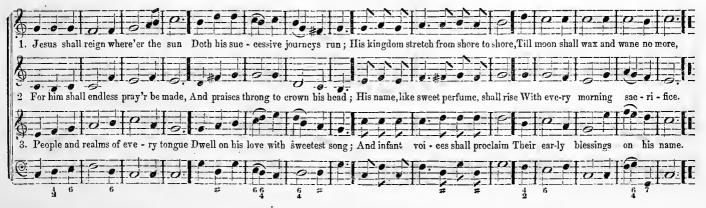
ELLICOTT. L. M.



77



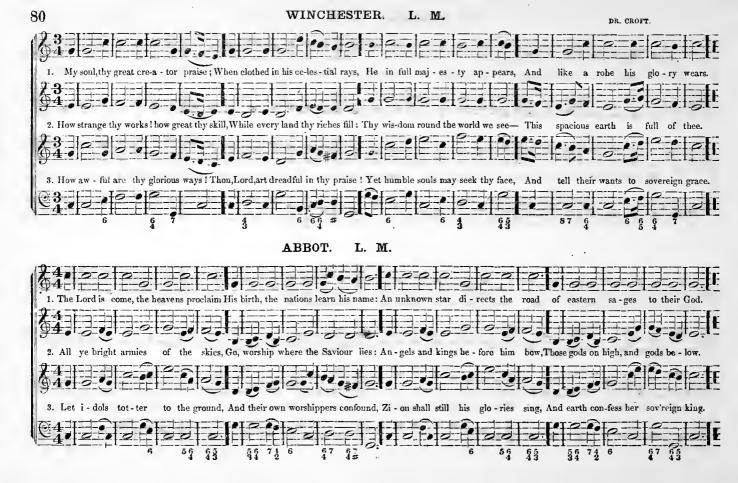
SYMONDS. L. M.





MC' DOWELL. L. M.





SCHNECK. L M.

Arranged by A. N. JOHNSON.





BLENDON. L. M.



#### BENNETT. L. M.

E. H. FROST.



RANGELY. L. M.



RAY. L. M.





BARTLETT. L. M.



LENTON. L. M.



DINWIDDIE. L. M.

A. N. JOHNSON.





SWAN. L. M.

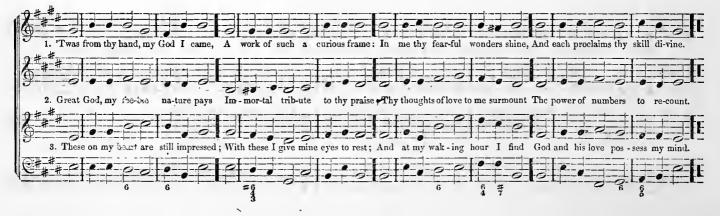




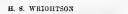


WRENTHAM. L. M.

HANDEL POND.



VIRTUE. L. M.







ALFRETON. L. M.



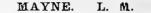
#### BRENTFORD. L. M.



ROTHWELL L. M.











BRIGGS. L. M.





\* NOTE. Billings was a celebrated Singing Master, who resided in Boston at the time of the Revolution. He was one of the American soldiers who were encamped around Boston, and wrote this nymn and tune soon after the Battle of Bunker Hill. It was a great favorite in New England during the Fevolution, and for years afterwards.

MOLINO. L. M.





PEARL ST. L. M.







# GRACE CHURCH. L. M.

#### J. H. WILLCOX

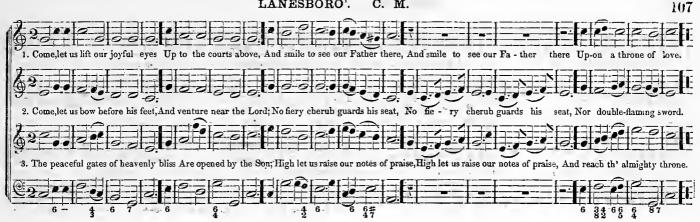




CHAPIN. C. M.



LANESBORO'. C. M.



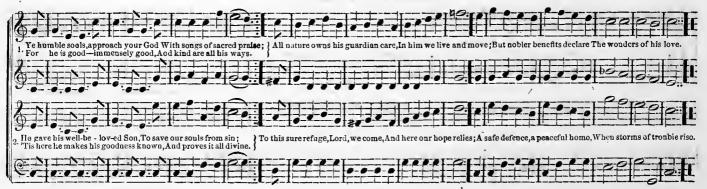
CONWAY. C. M.



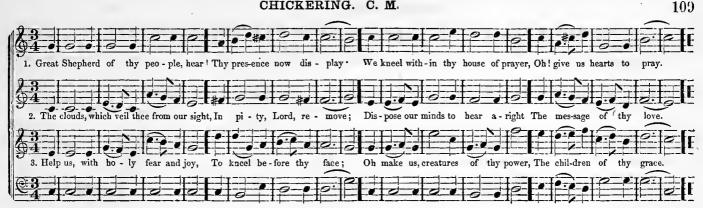
## STEWART. C. M.



SNYDER. C. M.

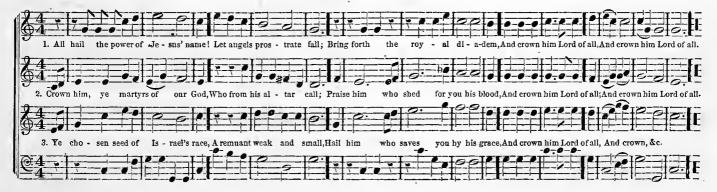


CHICKERING. C. M.



RAYNHAM. C. M.





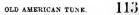


DUNDEE. C. M.





\* INVITATION.





\* Nore. This is a specimen of the class of tunes in vogue in this country half a century ago. With several others of the same class, it is inserted in this hook for the convenience of those who wish occasionally to introduce specimens of these and tunes at concerts. Their effect upon old people who were familiar with them in their early days is remarkable. After one of them had been sung at a concert of the Boston Musical Convention of 1855, Rev. Dr Lyman Beecher rose to his feet, and declared he could not repress his emotions. He said he had learned the tune at a einging school seventy years ago, and that his old beart had not been so near heaven for fifty years, as it had been brought in listening to the old tunes which had been sung at that concert.

[15]



BAXTER, C. M.

A. N JOHNSON



MARK. C. M.





BROUGHTON. C. M.





SHENSTONE. C. M.





WIESLING. C. M. TELLA





MAJESTY. C. M. JPATT

BILLINGS.



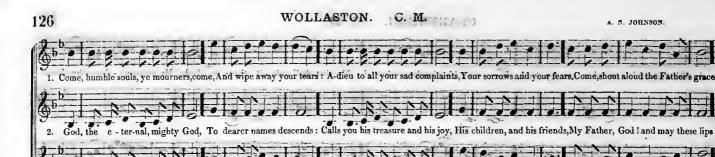
LOTHROP. C. M. LCU. VICU



124 EDWIN DRUCK. 1. In - dulgent God, whose bounteous care; O'er all'thy works is out shown, o'Oh: let my grateful praise and prayer A - rise be - fore thy throne. 2. What mercies has this day bestowed ! How largely hast thou blest l My cup with plen - ty o - verflowed, With cheerfulness my breast. free; And let my waking thought a - rise; To med - i, tate on thes. 3. Now my soft slumber close my eyes, From pain and sickness WHITNER. C. M. TVAC 1. When verdure clothes the fer - tile vale, And - blossoms deck the spray; And - fragrance breathes in eve-ry gale, How sweet the ver - nal day ! 0 1. Hark + how the feathered warblers sing! 'Tis pa-ture's cheerful veice; Soft mu-eic hails the love -ly spring, And woods and fields rejoice. God of 3. 0 na ture, and of grace, Thy heavenly gifts im-part; Then shall my med - i - ta-tion trace Spring, blooming in my heart.

CONESTOGA. C. M. .... CLARENDON. C. M.



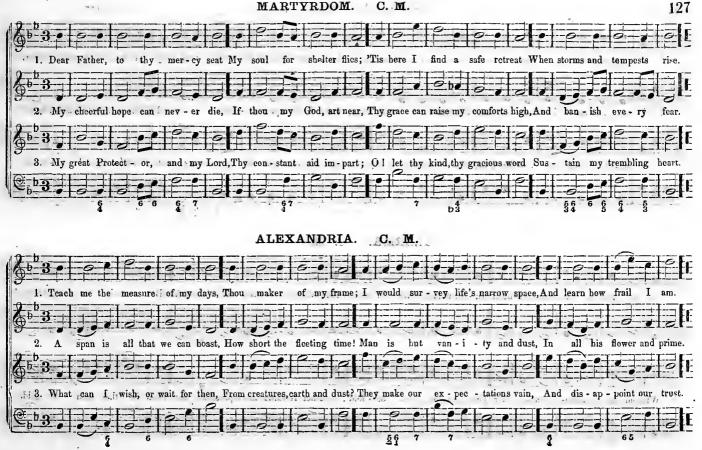


For - ev-er let my grateful heart His boundless grace adore, Which gives ten thousand blessings now, And bids me hope for more, Transporting hope ! still on my soul 7 6 6 6 St. 30H 3. .1.1 ....



A. S. JOHNSON.

MARTYRDOM. C. M.





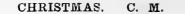
BOYDEN. C. M.





MC' CURDY. C. M.





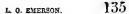


ANDERSON. C. M.





MOORE. C. M.







PATTENGILL. S. M.

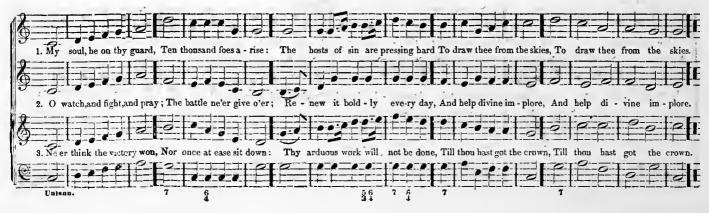
Arranged by A. N. JOHNSON.



HARDING. S. M.



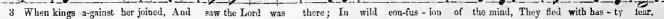
TOURJEE. S. M.



HANK. S. M.



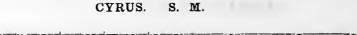






MARSHALL. S. M.





D. PAINE 1889.





1:2

S. M SPRAGUE.



CLARK.. S. M.





SCHOFIELD. S. M.





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· TARBUTTON. S. M.



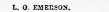


RADEA. S. M.



118-

GARDNER. S M.



7

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3

7 64 7 67

DTTERSON. S. M.







EASTON. L. P. M.



# HEITSHUE. L. P. M.





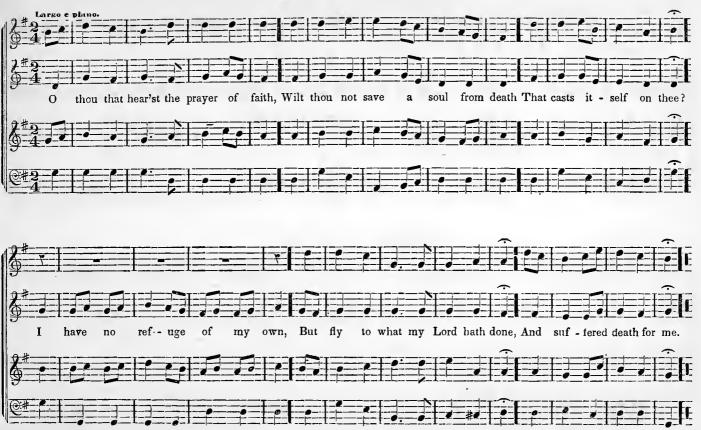
#### PETICOLAS. C. P. M.

A. X. JOHNSON.



BULFINCH ST. C. P. M.

I. . EMPRSON



### TENNEY. C. H. M.



FISKE. S. P. M.



#### GIOVER. H. M.



PATAPSCO. H. M.



SKILES. H. M.



#. 0S000D.



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WILLARD. H. M.



ERROL 78.

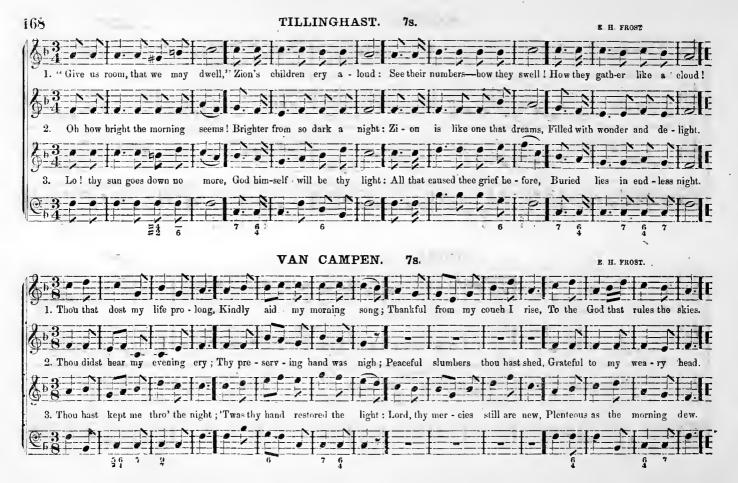




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DURELL. 7s.



BURKE. 7s. Double.

Arranged by A. N. JOHNSON.







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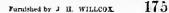


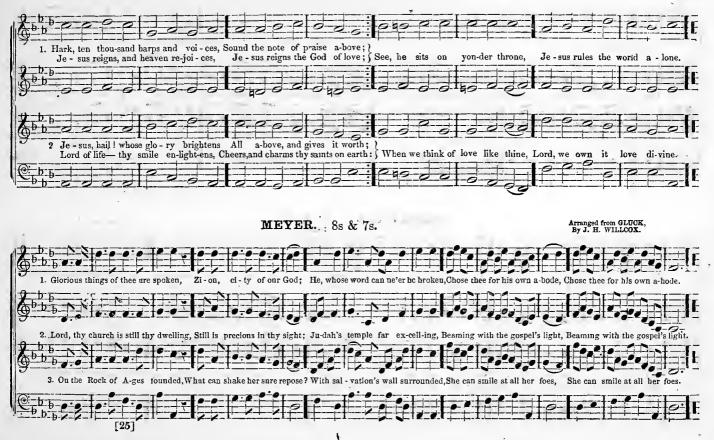
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174:

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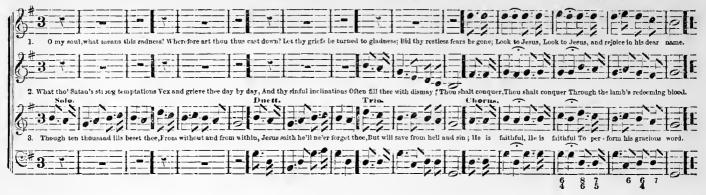








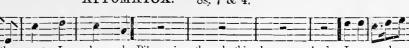




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APPOMATOX. 88, 7 & 4.





ROSSINI.

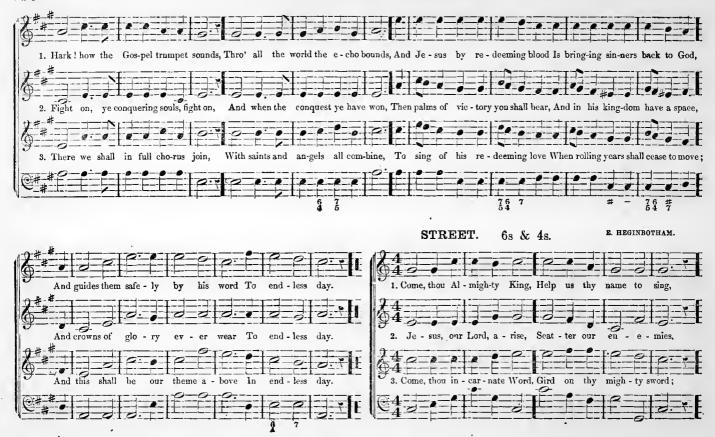
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SIEN7A 68 & 5s.



## CATHCART. 8s & 4s.







ECKER.

E. HEQINBOTHAM.

187



8s.



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COOPER. 6s & 8s.





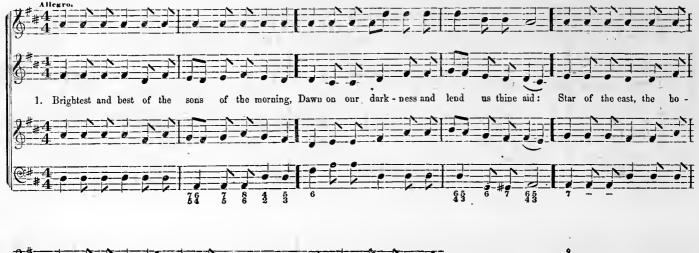


WISONG. 118 & 8s.





Arranged from MOZART'S Sonata in D.





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Cold on his cradle the dew-drops are shining, Low lies his head with the beasts of the stall; Angels adore him, in slumber reclining, Maker, and Monarch, and Saviour of all.

## 8

Say, shall we yield him, in costly devotion, Odors of Edom, and offerings divine? Gems of the mountain, and pearls of the ocean, Myrrh from the forest, or gold from the mine?

## 4

Vainly we offer each ample oblation, Vainly with gifts would his favors secure; Richer by far is the heart's adoration : Dearer to God are the prayers of the poor MARLBORO. 10s & 11s.

S & Lis.

•



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÷\*.

MILGROVE 7s & 6s.





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200

ANTHEM. "Mighty Jehovah"

WELLINL







thee our grate - ful thanks, we of - fer of - fer thee our grate - ful thanks, we thanks, we will of - fer thee our grate - ful thanks, we thee of - fer our grate - ful thanks, of - fer thee our grate - ful thanks, we of - fer thee our grate - ful thanks, we We of - fer thee our grateful thanks, we of - fer thee our grateful thanks, our grate - ful thanks. . ..... We .. of - fer thee our grateful thanks, we of - fer thee onr grateful thanks, our grate - ful thanks. We of - fer thee our grateful thanks, we of - fer thee our grateful thanks, our grate - ful thanks.















ANTHEM. "Make a joyful noise unto the Lord."





.





ANTHEM. "Praise ye the Lord."





ANTHEM. "The earth shall be full of the knowledge of the Lord."













222

ANTHEM. "The Lord will comfort Zion."

Inscribed to Ma. J. L. CLUSS. Washington, . . By his friend, J. DRIGO. Ja.



Joy .... and gladness shall be found, shall be found there - in, Thanksgiving and the and glad-ness, and glad-ness, and gladness shall be found, shall be found there - in, Thanksgiving and the Joy Joy Joy 012 Joy and gladness shall be found, shall be found there - in. Thanksgiving and the and glad-ness, and gladness Joy Joy 6 Rall. voico voice of mel - o - dy, Thanksgiving and the of mel-o-dy, the voice of mcl - o - dy, The voice mel - o - dy. of voice of mel- o - dy, Thanksgiving and the voice of mel-o-dy, the voice of mel - o - dy, The voice mel - o - dv. of voice of mel-o-dy, the voice ..... of mel-o-dy, the voice of mel - o - dy, The voice of mel - v - dy. . 7 37 3 Ģ 7 6 5 7 6 56 73 5 6

















- 99





232

ANTHEM. "Sing aloud to God our strength"

Arranged by A. N. JOHNSON























But who shall see the glo-rious day when thron'd on Zi - on's brow, The Lord shall rend that veil But who shall see the glo-rious day when thron'd on Zi - on's brow, The Lord shall rend that veil a -But who shall see the glo-rious day when thron'd on Zi - on's brow, Ine Lora sum and the second seco But who shall see the glo-rious day when thron'd on Zi - on's brow, The Lord shall rend that veil a -way Which blinds the na - tions now, Which blinds the na - tions now, Which blinds the na - tions now. \* \* \* way Which blinds the na - tions now, Which blinds the na - tions now, Which blinds the na - tions now. Which blinds the na - tions now, Which blinds the na - tions now, Which blinds the na - tions now. way [28]

**HYMN.** "Watchman! tell us of the night."

ATT FOR ENITZY.











SENTENCE. "Hosanna in the highest."



SENTENCE. "1 will arise."



## SENTENCE. "I heard a voice from heaven"



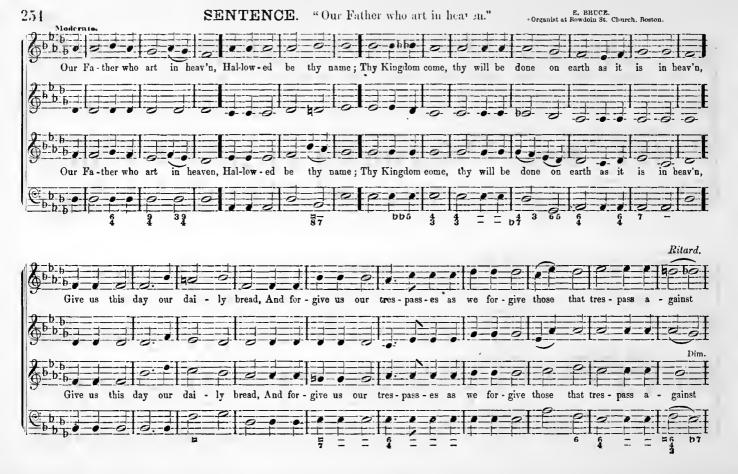
J. H. WILLCOX.

SENTENCE. "Be merciful unto me, O God."

WM. 600CH.









SENTENCE. "Holy, Holy Lord."

Arranged by E. BRUCE, Organist and Director of Music at Bowdom St. Church, Boston







SENTENCE. "The Lord is in his holy temple."

A. M JOHNSON



## PSALMS.

259

In the following Psalms, the words of the entire psalm are employed, taken literally from the Bible, and the music is made entirely subordinate to the words. To sing them properly, the singer must make the articulation of the words, as taught in the chapter which commences on the twenty-third page, and the expression of the words and music as taught in the department which commences on the forty-fourth page, their principal aim. If they are not sung with these instructions carefully observed they will altogether fail of producing the effect for which they are designed. The circumstances which should influence the leader in determining what varieties of expression he will have his choir use are described on the forty-eighth page. The following will form a good variety for pages 259 and 260, under some circumstances, and will serve as an illustration of the varied expression with which these psalms must be sung to produce the effect for which they are designed. The first line to commence m, with the last three notes dim. The second line to commence pp and cres throughout, with dim at the end. These two lines to be sung with the Half Modulation of the Voice, with a slight tinge of the Suppressed, as explained on page forty-six. The third line to commence m and cres, with the full modulation of the voice to the fourth note, then dim to the end, gradually changing the modulation to the Half Voice. The third measure on page 260 to commence m and cres to the first note of the sixth measure of the page, then dim. The eighth, ninth, tenth, eleventh, twelfth, and first half of the thirteenth measures to be m term. The last half of the thirteenth measure, and the first half of the first half of the thirteenth measure, to be f. The next five notes to be dim. The last line on the page to commence m and cres. All of the 260th page, except the first two measures, to be sung with the Full Modulation of the Voice, with the 3d Ritard, &c.















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PSALM XCVIII.

A. N. JOHNBUR.









PSALM C.

A. N. JOHNSON.



## $270^{-1}$









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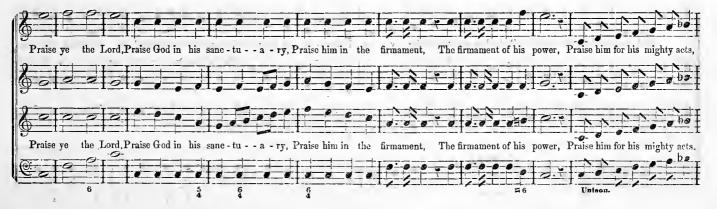




Because of the house of the Lord our God, Lord our God. I will seek thy good, I will seek thy good. A-men. I will seek thy good, Lord our God, Because of the house of the Lord our God, I will seek thy good. A-men. 7

PSALM CL.

A N. JOHNSON.

















ending, Long shine the cloudless sun, E'er shine thy sun, In the cloudless heav'ns, Rich glory blending, Day never ending, E'er shine thy sun NN Day never ending, Long shine the cloudless sun, thy sun, Shine in the cloudless heav'ns, Rich glory blending, Day never ending, shine thy sun, 1-1-1 777 R. R. 0-0-0-0 7 7 7 Y 1-1-1-1 Long shine the cloudless sun, E'er shine thy sun, In the cloudless heav'ns, Rich glory blending, euding, Day never ending, E'er shine thy sun, 0-0-0-0-0  $\Theta$ 7 7 Hail day of freedom, Hail, glorious sun. Now from the Hail glorious sun, Ne'cr fade thy brightness, Hail day of freedom. Hail glorious sun, Ne'er fade thy brightness, Hail glorious sun, 0.0.0 Hail day of freedom, Hail glorious sun, glorious sun, Now from the Ne'er fade thy brightness, Hail b6 b6 5







No 3. Andante. King kings, The King of kings, na - tion's God, The of 7 TENOR SOLO. Ab, how fa - vor'd is..... the tion That hath heav'n to watch al - way, that hath.. heav'n na --2. . =

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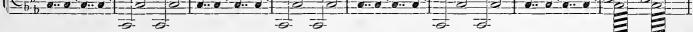
No. 8. CHORUS.



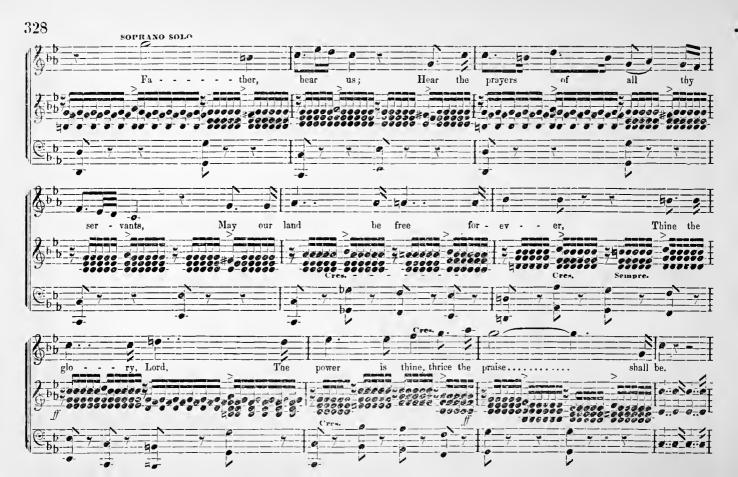
































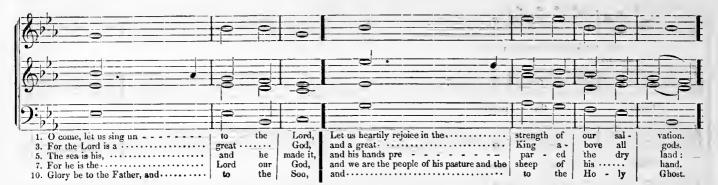


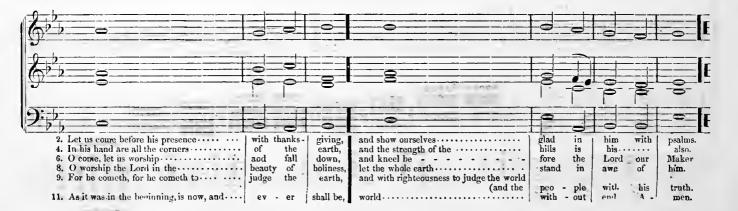


340

VENITE.

MORNINGTON





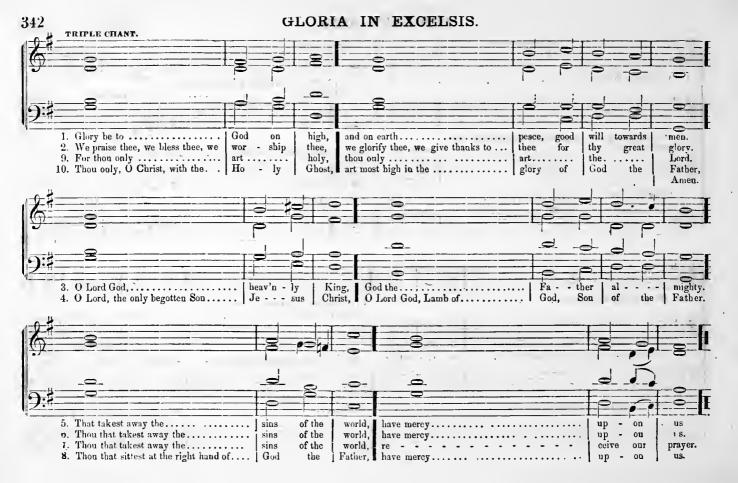
JUBILATE DEO.

P BARTENSTEIN Alexandria, Va. 341

- 9

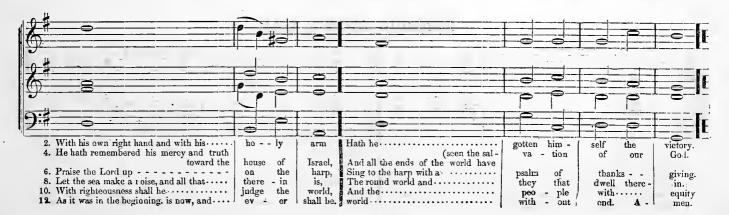
			0	2	- 0				20
1. O be joyfal in the Lord,	••••	all	ye	lands ; {	Serve the Lord with glabefore his.	dness, and eome	pres - enc	e with a	song.
@		0-	0						
3. { O go your way into his gates with thanksgiving, an into his		ourts	with	praise ;	Be thankful unto him,	and	speak goo	d of his	name
6 B		5-	-0-	0					2-0-
5. Glory be to the Father, and	t	to	the	Son,	And		to the	Ho - ly	Ghost.
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	0-2	扫	-9-		0			0-0	E
2. Be ye sure that the Lord,	he i	s	God;		he that hath made us, an lves, we are his		le,and the s	beep of his	pasture.
φ <u></u> <sup>b</sup> <sup></sup>			0	-			=0	00	
4 For the Lord is graeious, his mercy is	e <b>v</b> • e	r • ]	lasting,	And	his truth endureth from g	gener ati	ion to g	gen - er	- ation.
2 b	2	21					= @]		o fi
6 As it was in the beginning, is now, and	e <b>v</b> - e	r :	shall be	, World	1	<u>1</u>	n - out e	nd, · A -	men.
C.b.	0	1	-0	1				e-e	

Note. For a JUBILATE DEO arranged as an Anthem, see page 226.



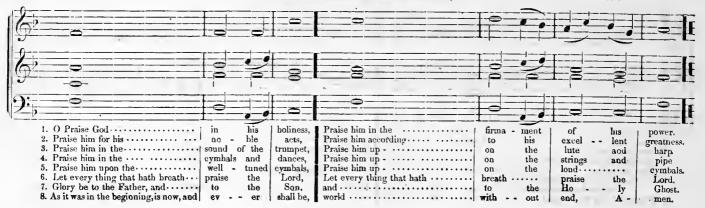
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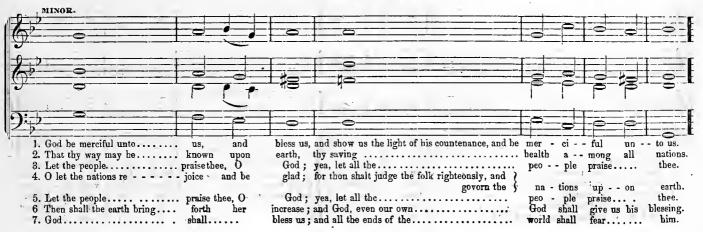
ALDRICH

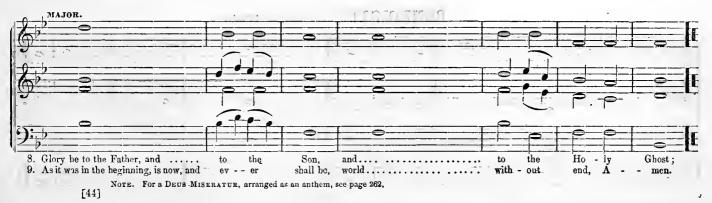


## BENEDIC ANIMA MEA.



DEUS MISEREATUR.





# BENEDICTUS. FIRST ABRANGEMENT.

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E	, <i>0</i>	0	-	o	00	00	ie Ie
2. 3. 4. 5.	Blessed be the Lord And bath raised up a mighty sal - As he spake by the mouth of his That we should be saved Glory be to the Father, and As it was in the beginning, is now, and	God of va - tion ho - ly from our to the ev - cr	Israel, for us, prophets. enemics, Son, shall be,	For he hath visited In the Which have And from the Avd World	and re- house of hia been since the hand of to the with - out	deemed his ser - van world be - all that Ho - ly end, A -	people. David. gan. hate us. Gbost. men.

# BENEDICTUS. SECOND ARRANGEMENT.



# TE DEUM LAUDAMUS.

" Jan "

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1 We pupige			I we ashered after	thee to	·	T
1. We praise	thee, O	God;	we acknowledge		he the	Lord.
3. To Thee all angels	cry a -	loud;	the heavens and		powers there-	in.
5. Holy, holy,	Но	- 1y,	Lord	God of	Sa - La	oth.
7. The glorions company of the apostles	praise	thee,	the goodly fellowship of the	proph - ets	praise	thee.
9. The Father of an	infi - nite	majesty;	thine adorable,	true, and	on - ly	Sen.
11. Thou	art the	King;	the King of	Glo - ry,	0	Christ
13. When thon tookest npon thee to de	liv er	man,	thou didst humble thyself to be	born	of a	virgin
15. Thou sittest at the right	hand of	God,	in the	G!o ry	of the	Father
17. We therefore pray thee,	keep - thy	servants,	whom thou hast redeemed	with thy	pre - cions	bleod.
19. O Lord, save thy people, and	bless thine	heritage,	govern them, and	lift them	np for-	ever.
21. Vonch	safe, O	Lord,	to keep us	this day	with - out	sin.
23. O Lord, let thy mercy	be np-	OD US,	as our	trnst	is in <sup>1</sup>	thee.
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2. All the earth doth			•			
2. All the earth doth	wor - ship	thee,	Con 2			lasting.
4. To thee cherubim and	wor - ship ser - a	thee, phim,	con	tin nal -	ly do	ery.
4. To thee cherubim and	wor - ship ser - a earth are	thee, phim, full	con	tin - nal - majes - ty	ly do of thy	ery. glory.
4. To thee cherubim and	wor - ship ser - a earth are praise	thee, phim, full thee,	con of the the holy church throughout all the world	tin nal - majes - ty doth ac -	ly do of thy knowl - edge	ery. glory. thee.
4. To thee cherubim and	wor - ship ser - a earth are praise Ho - ly	thee, phim, full thee, Ghost,	con of the the holy church throughout all the world the	tin - nal- majes - ty doth ac - Com -	ly do of thy knowl - edge fort	ery. glory. thee. er.
4. To thee cherabim and 6. Heaven and 7. The noble army of martyrs 10. Also the 12. Thou art the ever	wor - ship ser - a earth are praise Ho - ly last - ing	thee, phim, full thee, Ghost, Son	con of the . the holy church throughout all the world the .	tin nal- majes - ty doth ac - Com - the	ly do of thy knowl - edge fort Fa	ery. glory. thee. er. ther.
To thee cherubim and     Heaven and     The noble army of martyrs     Also the     Thou art the ever     the wert thou hadst overcome the	wor - ship ser - a - earth are praise Ho - ly last - ing sharpness of	thee, phim, full thee, Ghost, Son death,	con of the the holy church throughout all the world the of thom didst open the klogdom of	tin - nal- majes - ty doth ac - Com - the heaven to	ly do of thy knowl - edge fort Fa all be-	ery. glory. thee. er. ther. Lievers.
4. To thee chernbin and     6. Heaven and	wor - ship ser - sa - earth are praise Ho - ly last - ing sharpness of thou shalt	thee, phim, full thee, Ghost, Son death, come,	con of the. the holy church thronghont all the world the of. thon didst open the kingdom of shalt.	tin - nal- majes - ty doth ac - Com - the	ly do of thy knowl - edge fort Fa all he- be our	ery. glory. thee. er. ther. lievers. judge.
To thee chernbin and     Heaven and     Heaven and     The noble army of martyrs     Also the     Also the     Also the     Also the     Haven thou hadst overcome the     When thou hadst overcome the     Haven the the numbered	wor - ship ser - a earth are praise Ho - ly last - ing sharpness of thou shalt with thy	thee, phim, full thee, Ghost, Son death, come, saints	con of the the holy church throughout all the world the of thon didst open the kingdom of shalt	tin - nal- majes - ty doth ac - Com the heaven to come to glo - ry	ly do of thy knowl - edge fort Fa all he- be our ev er-	ery. glory. thee. er. ther. lievers. judge. lasting
To thee cherubim and	wor - ship ser - a - earth are praise	thee, phim, full thee, Ghost, Son death, come, saints thee,	con of the the holy church throughout all the world the. of. thon didst open the klugdom of shalt. in and we worship thy name, ever	tin - nal- majes - ty doth ac - Com - the heaven to come to glo - ry world	ly do of thy knowl edge fort Fa all be- be or ev er- with out	ery. glory. thee. er. ther. lievers. judge. lasting. end.
4. To thee chernbin and         6. Heaven and         7. The noble army of martyrs         10. Also the         12. Thou art the ever         14. When thou hadst overcome the         16. We believe that         18. Make them to be numbered         20. Day by day we         22. O Lood, have	wor - ship ser - a earth arc praise Ho - ly last - ing sharpness of thou shalt with thy magni - fy mercy up -	thee, phim, full thee, Ghost, Son death, come, saints thee, on us,	con of the the holy church throughout all the world the of thon didst open the kingdom of shalt	tin - nal- majes - ty doth ac - Com the heaven to come to glo - ry	ly do of thy knowl - edge fort Fa all he- be our ev er-	ery. glory. thee. er. ther. lievers. judge. lasting.

ONWARD SPEED. 78 & 58.

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1. P. P.

L O. EMERSON.



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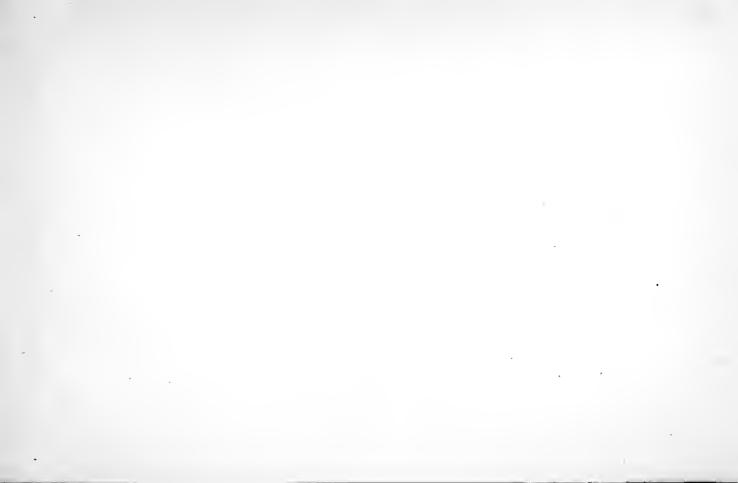
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#### 5. SENTENCES,.....

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These form a new style of set pieces, which are pre-eminently adapted to every occasion of Public Worship, because the entire Psalm is taken literally from the Bible. They are more particularly described on page 259.

7. CANTATA. "The Morning of Freedom,"..... The music of this cantata is selected from Rossini. Mozart. Mendelssohn and others. The words are written expressly for this work, and form a prophetical vision of the future of this country, which must be supposed to have been written at the close of the American Revolution.

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8. CHANTS,.....

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