

FIRST LESSONS IN SINGING, IN HAMILTON'S PATENT "UNION" MUSICAL NOTATION. [Invented by Mr. John Lang.]

IN learning to read music as written or printed in the ordinary musical notation, three special qualities of musical sounds have more particularly to be attended to. 1st. Musical sounds have *length* or *duration*,—some sounds being longer, and some shorter, but all bearing a certain definite proportion of length or duration to one another. 2d. Musical sounds have *leight* or *pitch*,—some being higher, and some lower, but all bearing a certain definite proportion of height or depth to each other. 3d. Every series of musical sounds constituting a melody has an *accent* occurring at regular intervals during its progress, and always at the same distance of time. These three special divisions of Melody may be termed:—the *first*, TIME; the *second*, TUNE; and the *third*, ACCENT.

TIME.

In order to mark the different *length* of sounds to the eye, a series of differently shaped characters, called NoTES, are used, as shown in the following table; which shows the *shape* of each note, its *name*,

A Semibreve o	is equal to 2 Minims.
A Minim or	is equal to 2 Crotchets.
A Crotchet or	is equal to 2 Quavers.
A Quaver or .	is equal to 2 Semiquavers.
A-Semiquaver F or R	is equal to 2 Demisemiquaver.
A Demisemiquaver or	is the shortest note in Time.

1

and its length in relation to all the The length of the notes others. however, is not absolute: the length of the semibreve may be anything the singer pleases, according as the music is to be slow or quick; but being once fixed, all the other notes are absolute proportions of the semibreve. Thus, supposing the semibreve to sound as long as four beats of a common house clock, then the minim will be equal to two beats of the same, the crotchet one beat, the quaver half a beat, (or two in a beat.) and so on.

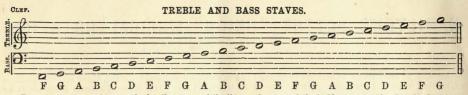
The Table may be read upwards, thus:--A demisemiquaver is half as long as a semiquaver, a semiquaver is half as long as a quaver, and so on. The stems, or tails, of the notes may be turned up or down at pleasure, as shown in the table.

TUNE.

In order to represent *height* or *pitch* to the eye, a series of parallel lines is used called a STAVE, and on the *lines* and *spaces* of the stave the NoTES are placed, higher or lower according as the sound is high or low which is to be represented. Thus it will be seen that the notes by their *shape* indicate the duration or *time* of a sound, and by their *place* on the stave indicate the pitch or *tune* of a sound. Each note in this way indicating two different qualities.

A complete Vocal Scale is a series of musical notes, rising in regular succession from the lowest sound that a man's voice can produce, to the highest note of a woman's voice. Such a series embraces twenty-four sounds; and to represent these sounds to the eye a stave of eleven lines is required. But as female voices range in the upper, and male voices in the lower part of this eleven-line stave, it is found convenient in practice to break it up into two staves of five lines, using the five upper lines for female, or high-set voices, and the lower five for male, or low-set voices; the middle line between the two sets of five being used only as required when the women's voices go down or the men's voices go up to it. To distinguish these two sets of staves they are marked by a character called a CLEF placed at the beginning of each, the TREBLE CLEF marking the women's, and the BASS CLEF the men's stave. To give a name to each of the lines and spaces, the seven letters of the alphabet from A to G are used, in the manner shown in the example; and every pupil should be so familiar with the application of these letters as to be able readily to name any line or space on any of the two staves as required.

Hamilton's Patent Union Notation; License No. 38.



To assist the learner in remembering the names of the lines and spaces of the treble stave; notice that the first space is F, the second A, the third C, and the fourth E, making the word FACE; the names of the *lines* are E, G, B, D, F, making the first letters of the sentence "Every Good Boy Deserves Favour." On the bass stave every line and space has the same name as the next higher one on the treble stave; thus, the first line or space on the bass is the same as the second on the treble, the second on the bass as the third on the treble, and so of the others.

The treble clef is also called the G clef because it encircles the line G of the stave, and the bass clef is called the F clef because it encircles the line F. The lines and spaces of the stave are always counted from the lowest one upwards,—the bottom line is the first line, the lowest space the first space, and so on.

LEDGER LINES.

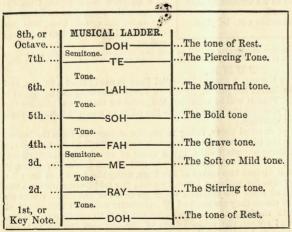
When musical sounds extend either upwards or downwards beyond the compass of the stave, short lines called ledger lines are used on which to write the notes; thus, if the Bass should go up to C, a



short line is used (representing the middle line in the eleven line stave;) if it require to go still higher, another line is used (representing the lowest line of the treble stave.) Sounds written on the treble stave may in like manner extend upwards or downwards beyond it, as shown in the examples in the margin.

THE DIATONIC SCALE.

Although it has been said that there are twenty-four sounds in the Vocal Scale, yet there are in reality only seven essentially different sounds in it, as by a peculiar law of acoustics, (which it is not



necessary here to explain,) every eighth sound is a repetition of the first, the ninth is a repetition of the second, and so on, going either upwards or downwards. We proceed now to explain the nature of the seven different sounds referred to, which make up what is called the Natural or DIATONIC SCALE, and this is best done by means of the diagram of the Musical Ladder.

The first (or lowest) note of the Diatonic Scale is called the KEY-NOTE, and is named DOH, as shown on the ladder, the second of the scale is RAY, the third ME, the fourth FAH, the fifth SOH, the sixth LAH, the seventh TE, and the eighth, or octave, DOH.

In the Tonic Sol-fa method of musical instruction as perfected by the Rev. John Curwen, the different tones of the scale have names given to them, characterizing their mental effect when heard in connection with the key-note; as discriptive names may be useful to the pupil in enabling him to dis-

tinguish between the different tones, and to produce them by his voice, we have attached similar names to the notes on the musical ladder; and in connection with this course of lessons, we strongly recommend Teachers to use the Tonic Sol-fa Modulator, (to be had at the Tonic Sol-fa Agency Office, Paternoster Row, London,) and regularly to exercise their pupils in singing from it, especially in the earlier part of the course.

It will be observed that, on the ladder, the distance (or interval) between Me and Fah and between Te and Doh, is only half the distance of the other intervals; thus, while the distance between Doh and Ray, Ray and Me, Fah and Soh, Soh and Lah, and Lah and Te, is a whole tone, the distance between the first named intervals is only half a tone (a semitone). Observe again, that, beginning at the foot of the ladder and proceeding upwards, the intervals succeed each other in the order of two tones and a half tone.

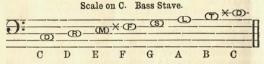
To write down this Diatonic Scale in notes upon the treble stave, we draw the ledger line C below the stave, and place the first sound *Doh* as a semibreve on it. We put *Ray* on D, the space immediately



above, and the other sounds in their regular order on the lines and spaces rising upwards, till we have the whole as shown in the example; then as the stave lines do not show us any difference between the whole tones of the scale and the half tones, we mark a small cross in order that we may recollect

where these half tones occur, between the third and fourth, (or *Me* and *Fah*,) and seventh and eighth notes, (or *Te* and *Doh*,) as shown on the Musical ladder.

We have now, on the treble stave, the Diatonic Scale on C, or in the key of C; that is, a scale having C for its foundation note; and to write the same scale on the bass stave we have only to write the first



sound Doh on C (which on that stave is the second space), and the other notes in succession upwards, and we have the scale of C on the bass stave also.

Try now to sing over this scale several times, both upwards and downwards, first on the treble stave, then on the bass stave, and

afterwards proceed to the following simple exercises, noticing that the letters DRMFSLT are used to represent the names Doh, Ray, Me, &c.

²⁴When the singer finds any difficulty in producing the correct sound of any note, such as *Me* or *Fah* after *Doh*, let him rup, byer the intervening intervals, thus, Don *Ray* Me, Don Me; Don *Ray* Me Fah, Don Fah; Don *Ray* Me Fah Son, Don Son, &c.



ACCENT.

In all music there is a regularly recurring ACCENT, continuing all through its performance, at exact intervals of time, which gives life and expression to it, and without which it would be entirely without character. Let any one hum a tune, and consider it attentively, and he will find the accent occurring regularly at every third or fourth note; or let him sing the following notes, putting a special stress on the ones in italics, and an idea will be got of the effect of accent.

(In fours.)—Doh doh doh, Ray ray ray ray ray, Me me me me, Ray ray ray ray, Doh. (In threes.)—Doh doh doh, Ray ray ray, Me me me, Ray ray ray, Doh.

To make the accent apparent to the eye, short lines called BARS, or BAR LINES, are drawn across the stave at regular intervals; the space between two bar lines is called a MEASURE, and the first note after the bar line is the one on which the principal accent is laid. A DOUBLE BAR is used to mark the end of a strain, or tune.

Every measure in a tune must contain an equal amount of time, thus, if the first measure consists of a semibreve, or notes equal to a semibreve, every other measure must contain exactly a semibreve or other notes of equal value. A tune or strain may *begin* with a broken or incomplete measure, but if so, the portion of time awanting must appear in another incomplete measure at the end, so that the two together may make up one whole measure. [See Exercises Nos. 6, 8, and 11.]



As Accent is regulated by the amount of time in a measure, it is usually spoken of by musicians as Time; thus, "Three-four Time," "Common Time," &c. Of this kind of Time there are several varieties, including varieties of Accent; and to show the time in which any piece of music is written, it is marked at the beginning with a sign called a TIME SIGNATURE.

TIME, (that is Accent Time,) is divided into COMMON and TRIPLE, and these are further subdivided into SIMPLE and COMPOUND. In Common Time the accent moves in twos, in Triple Time in threes. The signature for Simple Common Time is either a C or else figures placed in the form of a fraction. Every other kind of time is marked by figures, as shown below; the under figure of the fraction expressing the number of parts into which the semibreve is divided, and the upper how many of these parts are contained in each measure of the tune. Thus, $\frac{2}{3}$ denotes two halves of a semibreve (that is two minims) in a measure, $\frac{4}{3}$ denotes four eighths of a semibreve (that is four quavers) in a measure, and so on of the others. Common Time marked with a C has four crotchets in the measure, C has therefore the same meaning as $\frac{1}{4}$; if the C has a line through it, it is called "Alla Breve Time," and is the same as $\frac{3}{4}$ or $\frac{4}{3}$.

TIME SIGNATURES. Simple Common Time, Simple Triple Time. Compound Com. Time. Comp. Triple Time. C 2 4 3 3 6 6 12 9 9 Q 2 4 4 8 2 4 8 4 8

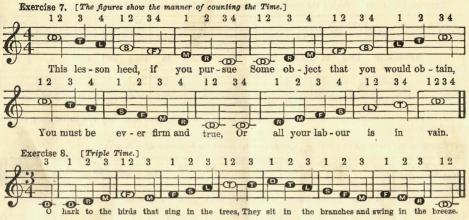
In Common Time the measure is divided into *two* equal parts, a strong accent is placed on the first note of the first half, and a slighter accent on the first note of the second half of the measure. In Triple Time the measure is divided into *three* equal parts, a strong accent is placed on the first of these, and a slighter accent on the first note of each of the others.

COUNTING AND BEATING TIME.

In order that every measure in a piece of music may have its proper length of time given to it, the time is either counted or beat. To COUNT the time we say one, two, three, four, to every measure of Common Time, and one, two, three, to every Triple Time measure; speaking the words at the rate of peed at which the tune is to move. To BEAT the time, motions are made with the hand, corresponding with the words spoken; thus, for time of four crotchets in a measure, the hand goes down for the first crotchet, to the left for the second, right for the third, and up fourth. In Triple Time the motion is down, right, up.



5

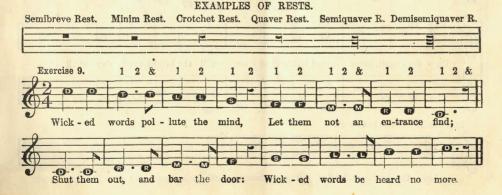


Before singing any exercise let the teacher cause the pupils to name the line or space of every note in it, also to name the clef, and explain the kind of time.

DOTS AND RESTS.

A Dor placed after any note adds one half to its length. Thus a dotted semibreve is equal to a semibreve and a minim. If you sound a semibreve as long as you can count four, you must sound a dotted semibreve as long as you can count six, and so on of all the others; a dotted minim is equal to three crotchets, a dotted crotchet is equal to three quavers, &c.

about SNOTES are used to denote the duration of *sounds*, so RESTS are used to show the duration of *silence*. Thus every note has a corresponding rest, which denotes the same measure of silence as the note shows of sound. If a semibreve means four beats of sound, a semibreve rest means four beats of silence. If a minim is two beats of sound, a minim rest is two beats of silence, and so on. A dot may be applied to a rest to lengthen it in the same way as to a note, but it is not so commonly used in this way. As Dots and Rests represent Time, they reckon as Time in a measure, in the same way as notes do. When counting time with dots use an "and," as shown in Exercise No. 9.



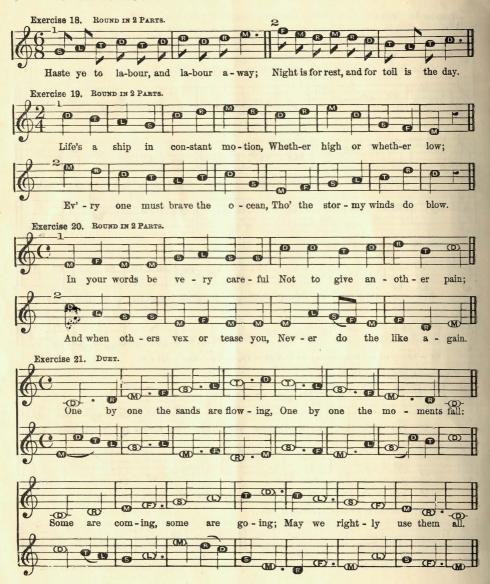


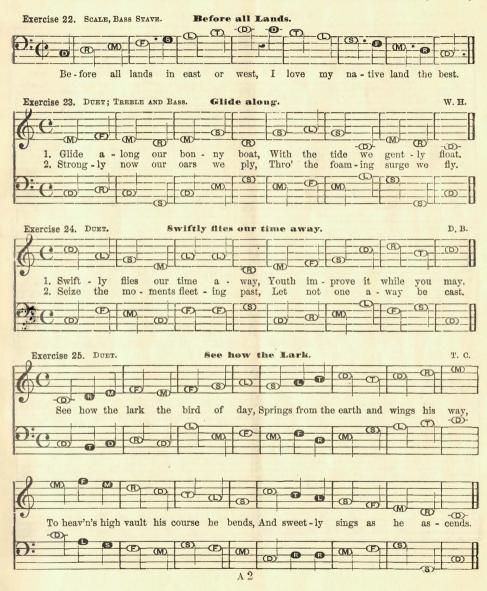
A SLUE, or curved line, over or under two or more notes, signifies that they are to be sung to one word or syllable.

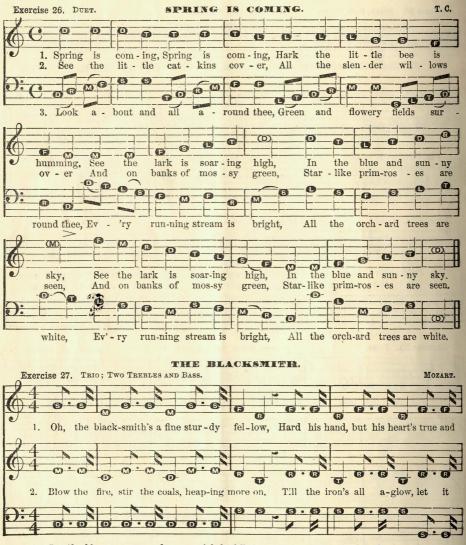


1.1.1

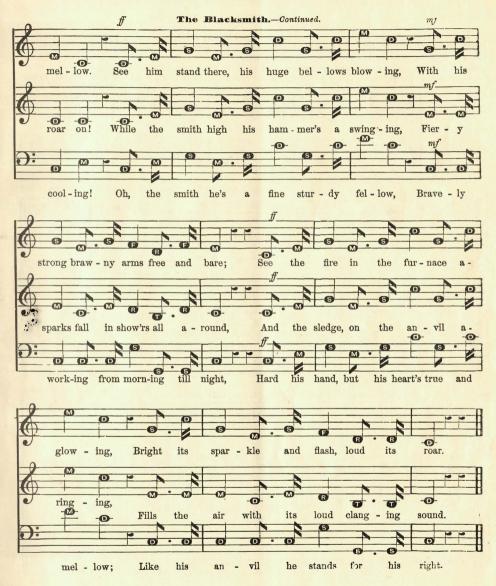
Exercise 14. DUET. -R) -R S S Calm, tran - quil hour of twi - light How soft its sha-dows fall! gray, CMD α Ø (5) R O 1 D Œ -(S) -3 Night soon will cov - er all. Slow fades the dim re - tir - ing day, R D D S S G Exercise 15. ROUND IN 2 PARTS. 1 0 1 61 6 O G (B) 0 M Whi - ther thro' the ver - dant meadow, Bubbling brooklet, dost thou flow? 2 619 6 0 6 Ev - er on - ward, nev - er wea - ry, To the riv - er Ι must go. Exercise 16. ROUND IN 2 PARTS. 13 1 0 0 6 6 R you wish that all should love you, Then you sure - ly all: If must love 2 6 0 M M 0 M M -0 -0 -0 you wish that none should hate you, Then you must not hate at all. If Exercise 17. ROUND IN 2 PARTS. [Six-eight Time.] .1. D 6 C 0 -M M -0 all First be sure you're do - ing right, Then do on with your might.







3. Let the blows, strong and sure, quick-ly fall-ing, Haste the work, for the iron fast is



X

SOLFEGGI.

Each exercise to be first read aloud by the pupils, the sol-fa names to be thoroughly learnt before commencing to sing. The whole class to go through the upper part and then through the lower part, and afterwards sing in two parts.



SHARPS, FLATS, AND NATURALS.

If we look again at the Diatonic Scale, as shown in the Musical Ladder, we will see that it consists of five intervals of a whole tone each, and two intervals of a half tone each. Between each of these whole tones a sound can be produced, half a tone higher than the low sound of the interval, and half a tone lower than the high sound, and if every one of the whole tones of the scale were thus divided by new sounds introduced between, a new scale, ascending and descending by semitones, would be produced, called the CHROMATIC SCALE. These new sounds are called by the names of the sounds between which they are introduced. Thus, the sound between *Dok* and *Ray*, when *Dok* is on C, is called C sharp when spoken of in connection with C, and D flat when spoken of as related to D. The new sound is always

. Sharps.	Flats.	Naturals.		
# #	h 2	F-1		

sharper, that is higher, than the note below it, and flatter, that is lower, than the note above it; therefore it is always the sharp of the note below, and the *flat* of the note above. When one of these new sounds is to be marked on the stave, a character called a SHARP is used to show when a sound is to be raised half a tone, and another mark called a FLAT when a sound

is to be *lowered*; a mark called a NATURAL is used to contradict the sharp or flat, and restore notes, that have been raised or lowered, to their natural sound, as will be afterwards shown.



The mode now generally adopted to express, by name, the sharp and flat sounds of the scale, is to change the final letter of the usual names of the sounds into E for the sharps, and into AU for the flats; thus, *Doh sharp* is called *De*, Ray is *Re*, Fah *Fe*, &c., as shown in the diagram of the Musical Ladder given in the margin. It will be observed that in the diagram the lines representing the steps of the Ladder are drawn at equal distances, representing twelve intervals of a semitone each, and that there is no line between *Me* and *Fah*, and *Te* and *Doh*, the interval between these being only a semitone; the lines between the other degrees of the scale represent the semitones, and the marking shows that the



semitone between Doh and Ray is called De when treated as Doh sharp, and Rau when considered as Ray flat, and so of all the others. Thus, beginning at the bottom, and going over the notes in regular order, looking to the right-hand margin for the names of the sharps, we find that Doh sharp is De, Ray sharp is Re, Fah sharp is Fe, Soh sharp is Se, and Lah sharp is Le; Me and Te have not any sharp, because the semitone above Me is Fah, and the semitone above Te is Doh. As the tendency of sharps is upward, and the tendency of flats is downward, in considering the flat series we naturally begin at the top of the scale and proceed downwards, looking at the left-hand margin, and saying Te flat is Tau, Lah flat is Lau, Soh flat is Sau, Me flat is Mau, and Ray flat is Rau; Doh and Fah have no flat, as Te is the semitone below Doh, and Me the semitone below Fah.

After this explanation, let the pupil return to the examples of the Chromatic Scale on the stave, as given above, and try to name all the notes in succession, both of the sharp and flat series; first, by the names of the letters of the stave [as C, C sharp; D, D sharp, \hat{gc} ,] and next by the Sol-fa names [as Doh, De; Ray, Re, \hat{gc} ,] and lastly, as

a final exercise, name any selected notes throughout the two scales that the Teacher may point out.

14

FIRST LESSONS IN SINGING IN HAMILTON'S PATENT "UNION" NOTATION.

THE KEY OF G.

All our exercises hitherto have been in the key of C, or Natural Key as it is called; C being the key-note, or foundation note of the scale. Every note of the scale of C may, however, be used as the key-note of a new scale, and we now proceed to show how this is done by constructing a new diatonic scale with G for its key-note. To do this, let us first of all write out the scale of C on the stave, extending it upwards, and marking, with a cross, as before, the places where the semitones occur.



Looking at the scale in C as written on the stave above, and taking G, the note on the second line, as the *first* note, or *Doh*, of the new scale, let us proceed to compare the notes upwards from G, to see if every interval agrees with those shown in the diagram of the Musical Ladder; that is, to see if we have first two whole tones, then a semitone, next three whole tones and a semitone; and we find that all goes right till we get to E, F, and G, the last three notes of the scale, when we discover that from E to F is a semitone when it should be a tone, and that the next interval is a tone instead of a semitone. We see also that if we could manage to raise F half a tone, that is, have a sharp F, we should make the scale all right. We find now the use of our new half tones, and the mark that raises the note half a tone, for by placing a sharp before the F, to signify that it is to be sung (or played) half a tone higher, we complete the new key, with all the intervals in their proper order of succession.

Notice, that as the first sound, or key-note, of every scale is always Doh, therefore, whatever line or space of the state Doh is placed on, the scale is takes its name from the name of that line or space. A scale (or tune) having Doh placed on G is said to be in the key of G; if Doh is on D, the scale is in the key of D, and so on.

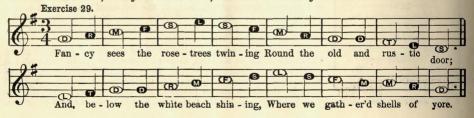
Let us now try an exercise in the key of C, and by using F sharp, and singing Fe instead of Fah, see if we can get into the key of G. And it must be borne in mind, that in all cases, when a note Fah is marked with a sharp before it, it must be named and sung as Fe.

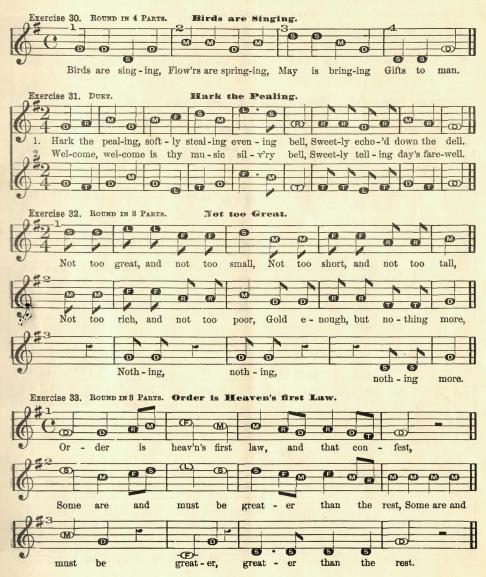
Exercise 28	Key of C.	Key changes.	Key of G.
	0 0 0 0 · · · · · · · · · · · · · · · ·		
0-0-		New Key D T D,	

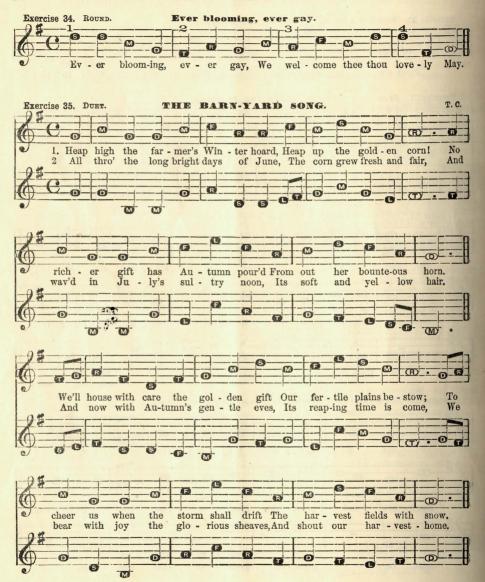
In the above exercise notice that the F in the seventh measure, having a sharp before it, has the sound of F sharp, and is to be called Fe instead of Fah, also it is the Te of the new key, as marked below the stave. Sing the above exercise over, to the first double bar, calling the last two notes Fe Soh, then sing it again, calling the

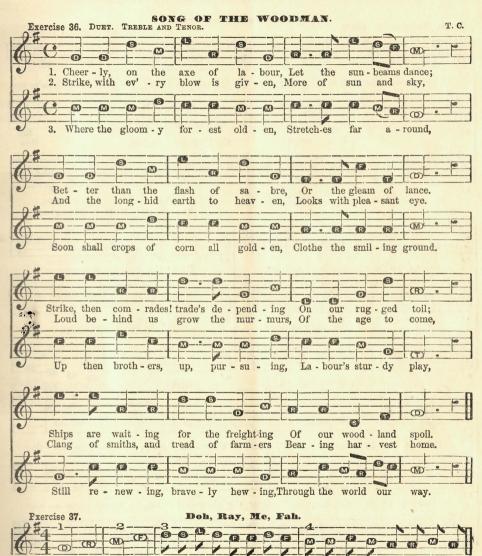
Sing the above exercise over, to the first double bar, calling the last two notes Fe Soh, then sing it again, calling the game notes Te Doh, as marked below them, and then proceed to sing the scale on G which follows.

When a piece of music is written in the key or scale of G, every F must be sharpened; but instead of placing a sharp before every F throughout the music, the rule is to place a sharp on the line F at the beginning of each stave, which signifies that every note occurring on the line or the space F is to be considered as marked sharp. Also observe that in every case in which a piece is marked at the beginning with a single sharp on F, *Doh* is found upon G; that is, on the second line of the stave. Note also, that as the figures, &c. placed at the beginning of a piece of music are called TIME SIGNATURES, so the sharps or flats placed immediately before the Time Signature are called KEY SIGNATURES, the one being used to tell the *Time*, or *Rhwthm* of the music, and the other the *Kev* in which it is written.

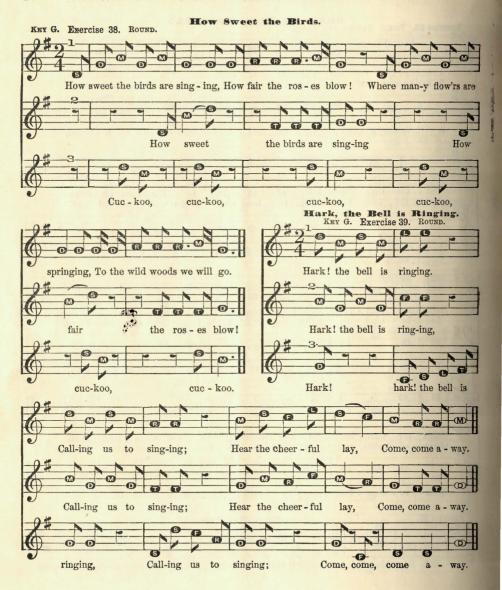




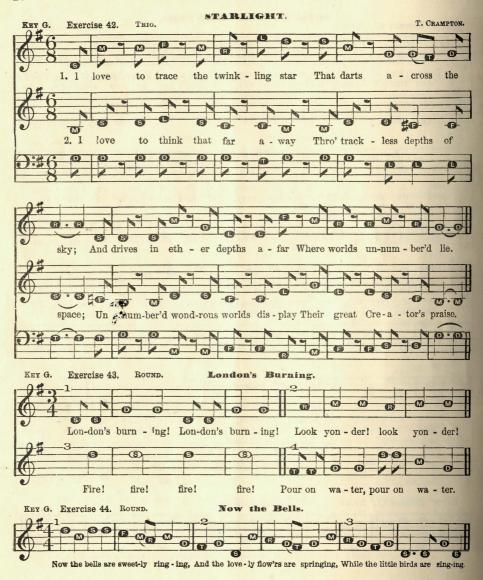


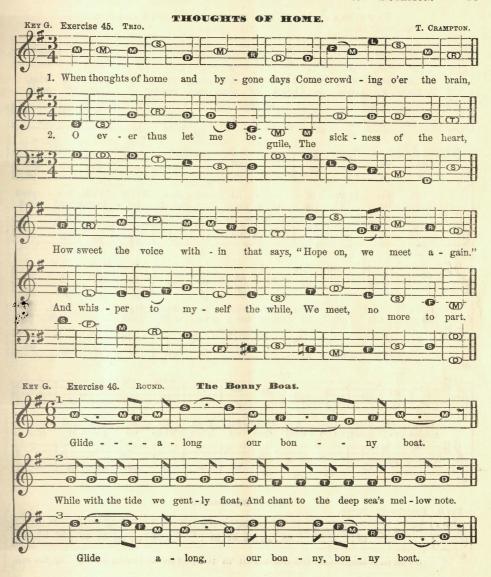


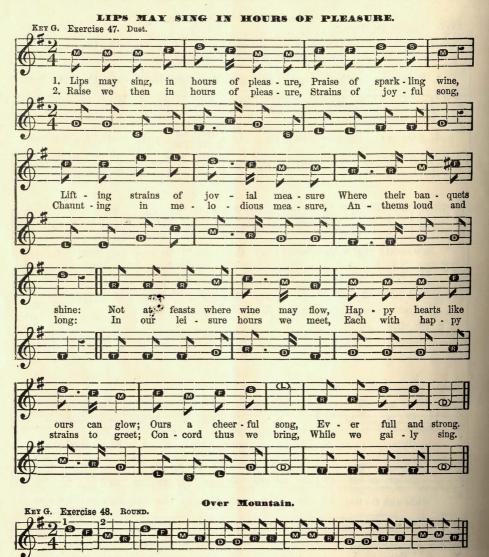
Doh, Ray, Me, Fah, I am tir'd of this Doh-raying, I know not what you've been saying.



SONG OF THE DROVERS. KEY C. Exercise 40. DUET. T. CRAMPTON. 6 . 3 S G 9 (1. Through heat and cold, and rain and sun, Still on - ward cheer-'ly driv - ing. There's 2. And tramp.still tramp a - long the way. To mar - ket mead - ow. Our or to Ø -6 S G. m Fine. 1 . 10 1 G rest a - lone in du - ty done. And life a - lone in striv - ing. drive. Till night comes down shad - ow. herd we from morn - ing gray, in 3 B **NEV** B B M-M -M m m KEY G. MAN S 9 M 0 a 1 our way has been O'er man-y a hill and hol - low; Day af - ter day. By at length with care and toil, Our jour-ney's end We gain sirs. And when we B M M 0 R 50 O O D -. D.C. KEY C. A M D by wood and glen, Our state - ly drove we fol - low. lake and stream, cheer - ful strain sirs. glad - ly rest from long tur - moil, And chant a f O O -0 MED M M KEY G. Exercise 41. ROUND. Come away. -1. 2+ 8 8 M M O 1 D n Come a - way, come a - way, Let us en - joy this sum-mer's day, come a - way, come a - way







O - ver moun-tain, grove, and foun-tain, Pleas-ant 'tis to spend the day, Sing-ing talk-ing by the way,

22

SOLFEGGI.

Each exercise to be first read aloud by the pupils, the sol-fa names to be thoroughly learnt before commencing to sing. The whole class to go through the upper part and then through the lower part, and afterwards sing in two parts.

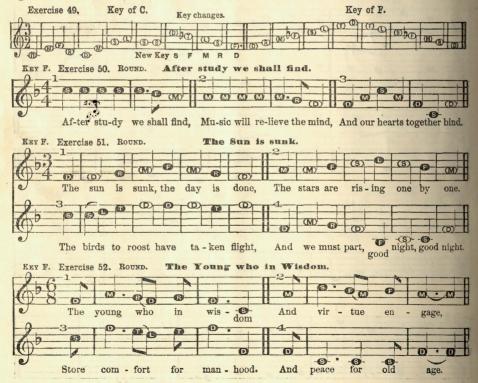


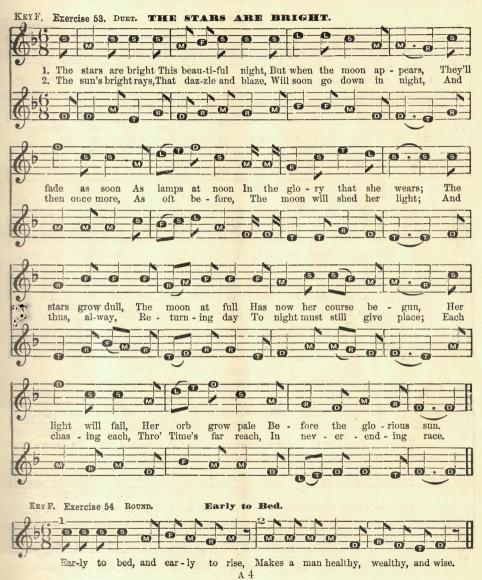
THE KEY OF F.

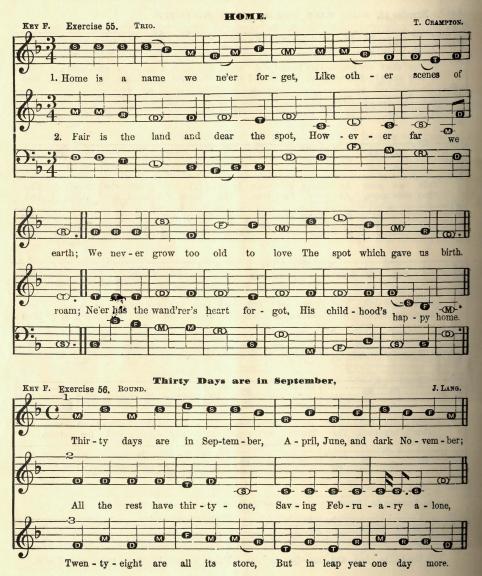
We have seen how by the aid of a *sharp* we can construct from the scale of C a new scale having G for its key-note. We now go on to show how by using a *flat* we can construct another new scale with F for its first or key-note. Writing out the scale in C as before, and taking F for our first note, let us proceed upwards, examining to see if the intervals succeed each other in the proper order, that is, *tone*, *tone*, *semitone*; *tone*, *to*

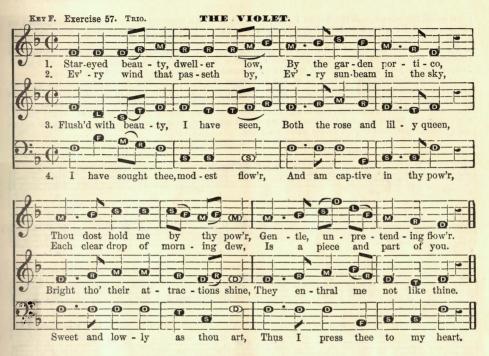


This time we find that our scale is all right in the upper portion, but that it starts with three whole tones, the half tone occurring between the fourth and fifth notes instead of between the third and fourth. If we could lower B half a tone it would make the scale right, and this is effected by placing a flat before B, and singing it *Tau* instead of *Te*. Let us try this in the following exercise, singing it in the same manner as directed for Exercise No. 28, and then proceed to exercises in the Key of F, the signature of which is one flat.









TRANSPOSITION.

Having shown the learner how the transition from the Key of C to the Key of G is effected by sharpening the fourth of the scale, (using the "sharp fourth" or Fe,) and from C to F by flattening the seventh note of the scale (using the "flat seventh" or Tau), we will now proceed to describe how the transition into the other "sharp" and "flat" scales is accomplished.

We have seen that the *fifth* note of the scale of C is made a new key-note by placing a sharp on the *fourth*, and that therefore the sign (signature) of the key of G is *one* sharp on F. If now the scale in G is taken and examined as to its tones and semitones it will be found that a new scale, having D, the *fifth* of G, for its key-note, may be formed by placing a sharp on C, the *fourth*. The signature of this key will be *two* sharps, namely, the original one belonging to the key of G, and one on C, belonging to the new key. The scale in D may be treated in like manner to produce a scale in A (the *fifth* of D). From the scale in A, having a signature of *three* sharps, a scale in E may be produced with *four* sharps for its signature; from the scale in E may be constructed a scale in B with *five* sharps, and from the scale in B, a scale in F with *six* sharpe. It will thus be seen that the key-note, or *Do*, of every new scale in the series with sharps, is always the *fifth* of the preceding scale, and that the sharp added to produce the new scale is always placed on the *fourth* note of that scale from which the new scale is derived.

The series of scales having *flat* signatures is produced in a somewhat similar manner, the added flat being placed on the *seventh* note of the scale, by which means the *fourth* note is made a new key-note. Thus, take the key of C, place a flat on B, the *seventh*, and a new scale is formed having the *fourth* note of the scale of C for its key-note. Take the key cf F, which has a signature of one flat. and place

28

a flat on E, the seventh, and the key of Bb is produced, having a signature of two flats. A flat placed on the seventh of Bb gives a scale in Eb, signature three flats. A flat on the seventh of Eb gives the scale of Ab, signature four flats. A flat added to the seventh of Ab gives Db with a signature of five flats; and a flat on the seventh of Db gives Gb with six flats. The construction of all these scales may be studied in the following examples, with the exception of the keys with 5 and 6 sharps and 5 and 6 flats, which, as they are very seldom used in vocal music, we do not occupy space in showing.

It will be observed that in several of the examples the sharps or flats that appear in the scale on the lower octave are placed in the signature on the higher—thus, in the scale of D, the sharp on F is an octave higher in the signature than in the scale. It is allowable in a signature to place them on the high or low octave at pleasure, but in the examples given, they appear as they are most usually placed, and it must be borne in mind that every sharp or flat appearing in a signature affects every note of the same name, on whatever part of the scale it occurs.



As every letter of the scale occupies a different position on the Bass stave from what it does on the Treble stave:—as, for instance, C is on the third space on the Treble while it is on the second space on the Bass,—therefore every signature, whether of sharps or flats, must occupy a correspondingly different position when placed on the Bass stave to what it does on the Treble. This will be best seen by examining the Exercises.

We now proceed with exercises in the various keys, without taking them in any order, seeing that by aid of the Union Notation no key is more difficult than another—but introducing gradually other difficulties of various kinds to the learner.

SOLFEGGI.

Each exercise to be first read aloud by the pupils, the sol-fa names to be thoroughly learnt before commencing to sing. The whole class to go through the upper part and then through the lower part, and afterwards sing in two parts.



20

KEY ED. Exerc	0, BOATM ise 58. Quartett.	IAN CHANT			.son; Music, German.
1200	N N I				
AP-2		: 9 0	6 · 6	B B	·
				B	
		111			111
1. {		nt thy roun-de -	lay, As o'e	er the way	es we glide a - ses o'er the
1-a-6- (.	As one by one	they catch the	strain, That nig	int-ly ri	- ses o'er the
1-3-	0	· D _ O 10	0		
0-24	9-0-0		6-6	6	
2. {), boat-man, har	d thy life doth	seem, To us		- less float and
(1	nat min-gies with	h the murm'ring	sea, In ca	- dence swee	et and har-mo -
0:0-3-0					
-0-0-4-	, , , 0	0-0-0-	- <u>0</u> <u>0</u> -0		-0-0-0-
E.					
0.1		11	1st. 2nd	1.	
12	NO	0-0-0			
10-2-0-				E O.G	- G. G. M
0.	-0-W-LFC				0-0-0-0-
Wayl	Lot shore and hills	the ech - o re			
main.	Let shore and hills And rocks our boat	from stem to th		> Joy-ful	-ly, man-ful-ly,
1-0-b		0.0.0			
A0-0-0-	6-6-1-	0 0 0 C		-	-0
dream.	And id - ly hear	the ma-gi-ca	1 strain	>	
	Vhile still re - turns			} Joy-ful	-ly, man-ful-ly,
0	p				
0.0.	000-0-0-	0 0 0 0			0 0
<u> </u>	111		G		
					·
Z D	8-0-0-6		0-0-0	6	
	<u> </u>				
		0	0-0.0		0
bend	to your row - in	g! In - to y	your labour yo	ur en - er	- gy throwing!
100					
1000					-0-0-0
0					O
0		and Ta da	labour -		are the aming t
bend	to your row-i	ng! In - to	your labour y	our en - er	- gy throwing!
1			M. B.	M · G	
2.0			G		



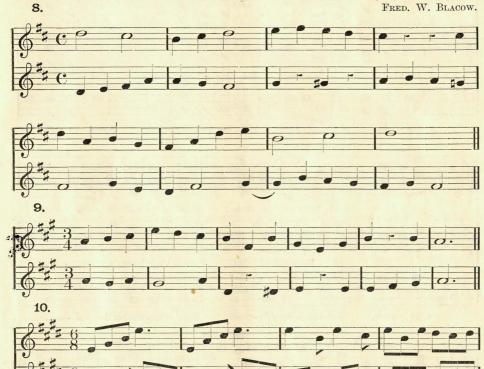






SOLFEGGI.

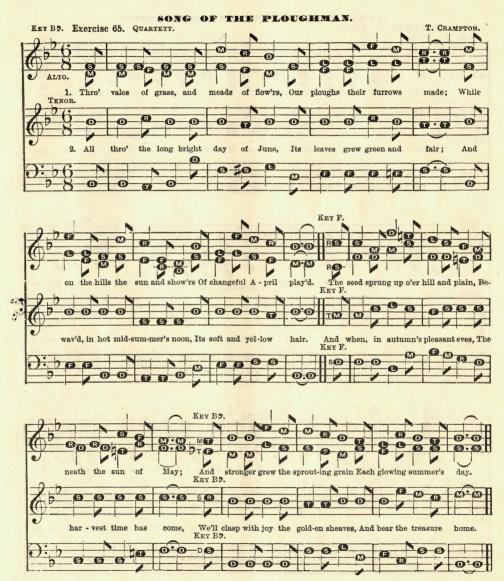
Each exercise to be first read aloud by the pupils, the sol-fa names to be thoroughly learnt before commencing to sing. The whole class to go through the upper part and then through the lower part, and afterwards sing in two parts.

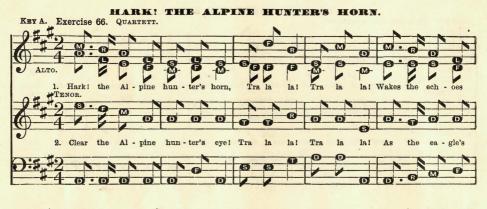






























SOLFEGGI.

Each exercise to be first read aloud by the pupils, the sol-fa names to be thoroughly learnt before commencing to sing. The whole class to go through the upper part and then through the lower part, and afterwards sing in two parts.





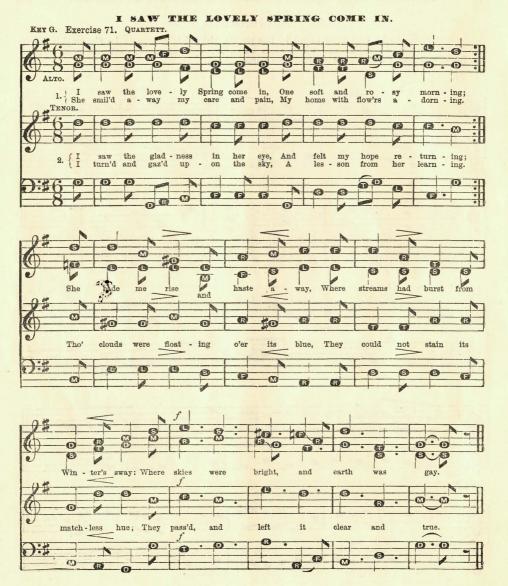


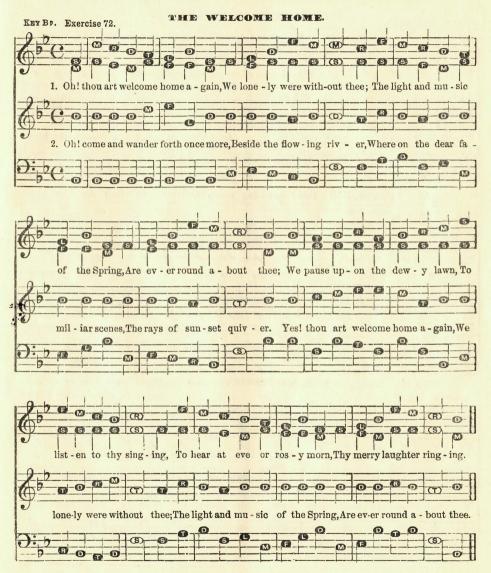










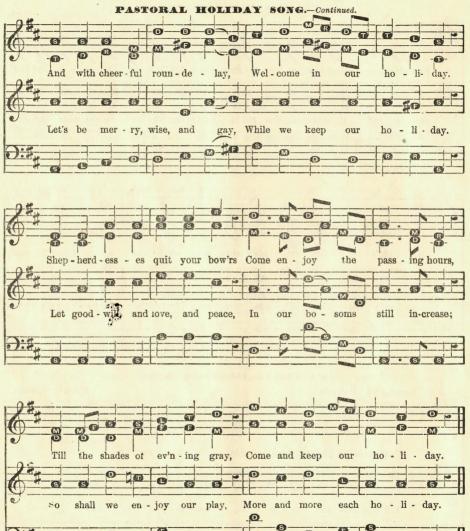


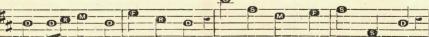


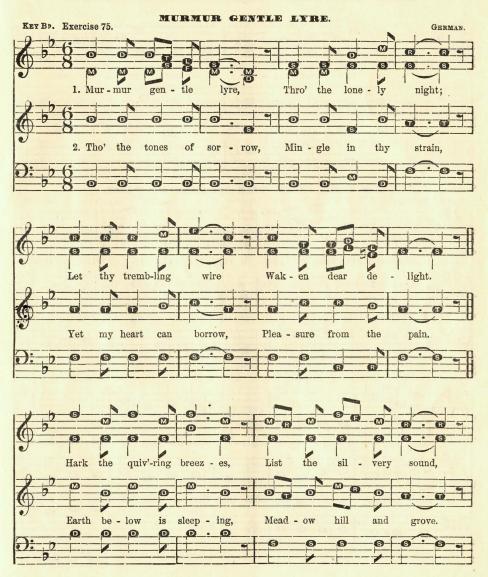


PASTORAL HOLIDAY SONG.

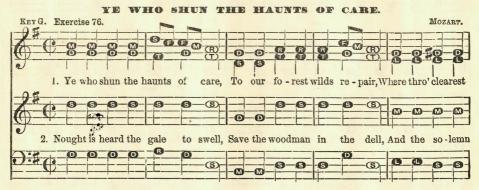








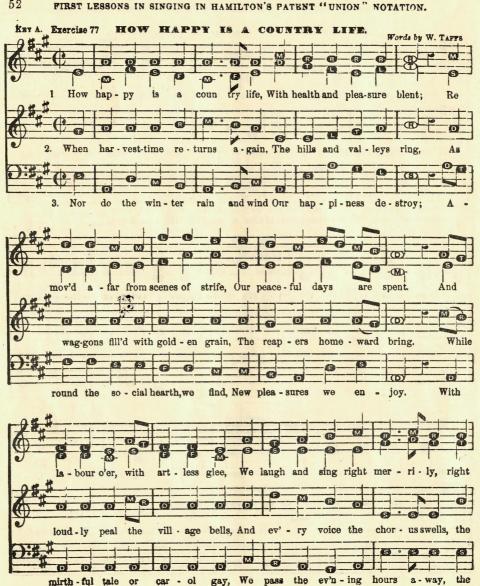






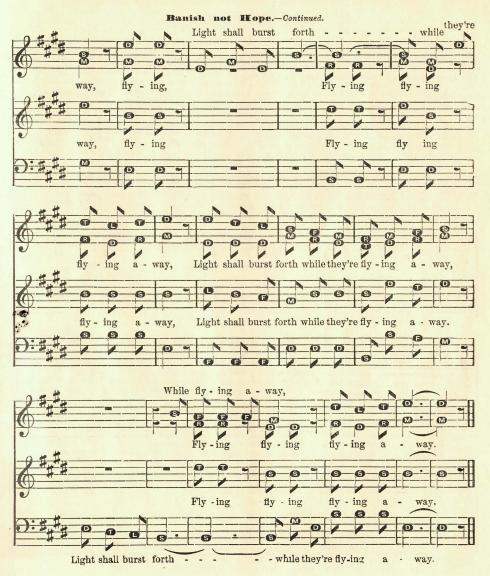
Here ho noise at











SOLFEGGI.

MODULATION.

Each exercise to be first read aloud by the pupils, the sol-fa names to be thoroughly learnt before commencing to sing. The whole class to go through the upper part and then through the lower part, and afterwards sing in two parts.



MAJOR AND MINOR MODES.

All our lessons and exercises up to this point have been based upon a scale having its intervals arranged in the order of two whole tones, one half, three whole, one half. This scale is named the MAJOR SOALE, (or Mode,) to distinguish it from another called the MINOR SCALE, (or Mode,) which we now proceed to describe. The minor Scale has its intervals as follows, -whole, half, whole, whole, half, whole, whole; it has thus an interval of one and a half tones only from its first to its third note, while the major scale has an interval of two whole tones. In the one case the interval is said to be a major (greater) third, and in the other a minor (lesser) third; and from this distinction of major and minor thirds in the two scales, the distinctive names of the scales themselves have arisen. Although the minor scale is different in its construction, and very different in its effect on the mind from the major scale, yet it is most easily studied and practised when considered as a part of the major; and in this way, therefore, we propose to study it. Turning to the major scale of C, at p. 3, we find that a scale beginning with A, or Lah, the sixth of the major scale, presents the intervals in the order in which they are named above. This scale, therefore, extending from Lah to Lah, (having Lah for its key-note,) is the minor scale as it stands embodied in the major, but in modern music it is usually modified by placing a sharp on its seventh, so that it may form a proper leading note to the eighth, and another sharp is sometimes placed on its sixth, to remove the objectionable largeness of the interval that would otherwise exist between the sixth and seventh after a sharp had been placed on the seventh; thus—instead of Lah, Te, Doh, Ray, Me, Fah, Soh, Lah, the modern minor scale reads, Lah, Te, Doh, Ray, Me, Fah, SE, Lah; or, Lah, Te, Doh, Ray, Me, FE, SE, Lah, as may be seen in the examples following. Another peculiarity of the modern minor scale is, that while a sharp is placed before the seventh, or sixth and seventh in the ascending scale, these sharps are usually omitted in the descending scale.

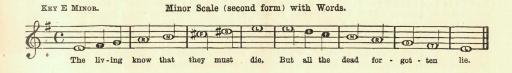
Scale of A Minor Ascending and Descending.

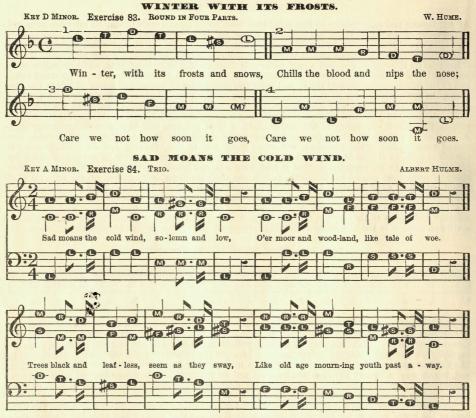


The MINOR MODE partakes largely of the peculiarly plaintive or mournful expression which belongs to that note of the major scale on which it is founded, and is thus specially fitted for music of a sorrowful character. Melodies may be entirely written in the minor mode, or may, by modulation, be carried from the major into the minor, and vice versa, at the pleasure of the composer. Harmonies in like manner may be either in the one mode or the other, or may modulate from the one to the other, and, in this way, a variety of effect and contrast can be given to compositions beyond what could be attainable with only one mode. In the following exercises examples will be introduced both of pure minor, and of modulations from the one mode into the other.

RELATIONSHIP OF MAJOR AND MINOR.—As the key-note of every major scale is *Dok*, and the keynote of the minor scale is the *Lak* of the major scale, it follows that every major scale has a minor scale belonging to it, which has the same signature; the two being called relatives of each other. As *Lak* is the *sizth* note above (or *third* note below) *Dok*, the relative minor of any major scale is a *sizth* above it, or a *third* below it; the relative major of any minor scale is a *sizth* below it, or a *third* above it. EXAMPLE. —The signature of G major is *one sharp*; E is the third below G; *therefore* E minor is the relative minor

of G major, and has the same signature of one sharp.

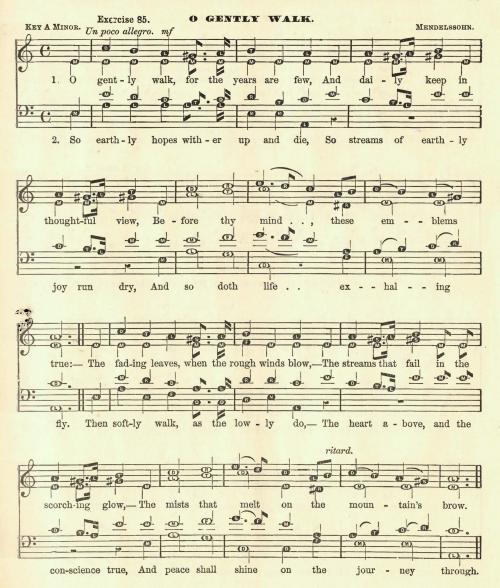


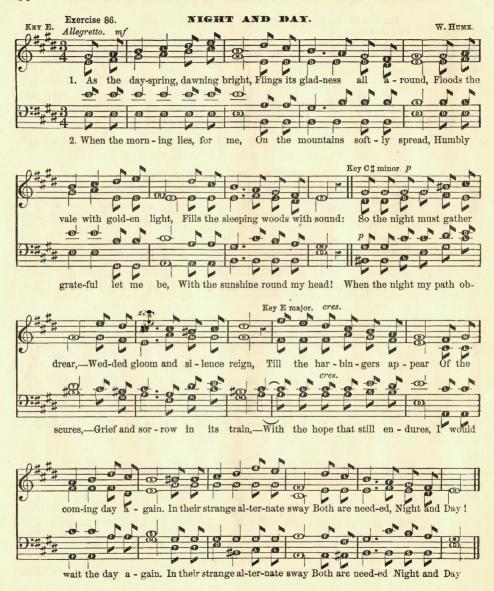


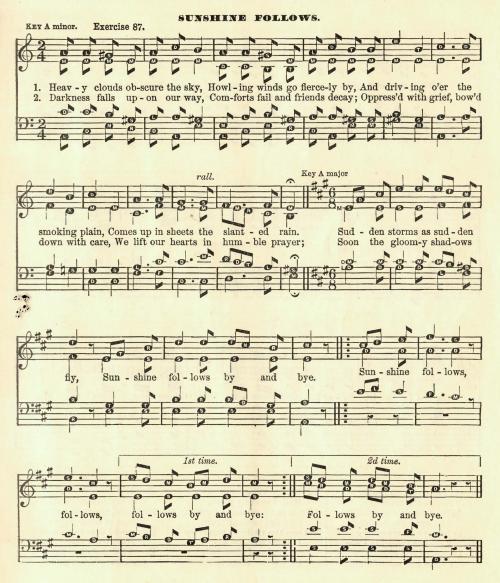
Clouds dark and gloomy shroud o'er the skies; Rain falls like tear-drops from weeping eyes. No joyful songster sings on the spray; Winds only moaning sally their lay. All nature changed now from joy, to mourn Summer departed ne'er to return. Though Spring again smile, when Winter's o'er, Flowers that have bloom'd once, bloom never more.

SHORT SCORE.

The method of printing music with two parts in one stave has been partially exemplified in the exercises Nos. 58 to 73, in which the *Treble* and *Alvo* are both included in the *Treble* stave. We shall conclude our Series of Lessons with a few examples of "SHORT SOORE," a mode in which four-part vocal harmony is compressed into two staves; two parts—the *Treble* and *Alvo*—being written in the treble stave, and other two—the *Tenor* and *Bass*—in the bass stave. In each stave the stems of the notes are turned up for the one voice and down for the other, more clearly to distinguish the different parts. The tenor part, when written in the bass stave, has hitherto presented a difficulty to many singers, but with the aid of the "Union" letters, it should now be comparatively easy.







ROSALIE.







On her cheek so modestly Bloom the roses fair, Auburn ringlets playfully Kiss her brow so fair; In her eye so trustingly Mirrored thoughts I see,— Ever kind and cheerfully Comes her voice to me. From the village merrily, With the early dawn, Trips she light and gracefully, O'er the verdant lawn; When the twilight pensively Lingers o'er the sea, Ever kind and cheerfully Comes her voice to me. How my spirit dreamily O'er my childhood strays, Meek and gentle Rosalie, Friend of other days! Life would pass but drearily If apart from thee, Ever kind and cheerfully Comes thy voice to me.

