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THE

AMATEUR'S FIRST BOOK,

OR

THE FLUTE WITHOUT A MASTER,

CONTAINING AN

ANALYSIS OF THE RUDIMENTS OF

MUSIC,

ARRANGED ON AN ENTIRELY NEW SYSTEM,

IN

PROGRESSIVE LESSONS.

BY AN AMATEUR.

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INTRODUCTION.

After examining the numerous highly approved and elaborate systems of Instruction for the Flute, the idea of proposing any thing new on the subject, may be considered, by some, as strange and visionary. There is, however, no satisfactory reason why the old systems of musical instruction may not be improved upon, and presented in an entirely new light, with as much advantage, as old and well known *mechanical powers* may find (as they undoubtedly have done) new and before untried channels for their application.

There are works professing the ability to conduct the learner through all the changes of *time* and *modes*; the varieties of *skilful execution, tasteful embellishment, correct tone, &c.*, without the aid of a teacher. These seem to profess too much; for it frequently happens (through the want of *proper arrangement*, and a *minute explanation* of each step in his progress) that the learner is at a loss to discriminate as to what is, or is not, essential at first; or how he must really *begin* his task. He is thus often confusd with the *mass of rudiments*, or more frequently neglects them altogether, because he does not see their *application*.

But I cannot believe that any person can progress as *advantageously* without a teacher, as he might with his advice and experience. If it be possible, he requires more *simple and explicit* directions than the author has yet seen.

The object proposed in this work, is to *simplify* the course of instruction. The method adopted, is to *omit at first*, all that tends to distract and confuse the mind; to exhibit only what is indispensable; explaining every part, *in its order*, clearly, thus rendering it intelligible to the comprehension of all. A multiplicity of rudiments, communicated without a proper system, will perplex a pupil. It is intended, here, that the rudiments be so methodically arranged (*by the side of examples, as they occur in the lessons,*) that they will explain themselves, and that the pupil shall be enabled to see the reason and the meaning of each rule.

Another error, in the old system of instruction, is that of commencing with the key of D, two sharps,* with examples for practice; because, perhaps, it may be more readily fingered. The defect of such a course is, that it does not give the pupil an insight to the *natural succession* of the scales, or the *reasons* for introducing the sharps and flats. We have sought, (and we trust successfully,) to remedy this error in the present work, so that the pupil shall understand more thoroughly the *foundation of the scales*, and their *connexion* with each other.

The DIVISIONS OF TIME, have generally been too vaguely set forth in ordinary instruction books, and in many instances barely glanced at. This part of the science is universally acknowledged to be an indispensable groundwork of musical

*"NICHOLSON'S PRECEPTIVE LESSONS," is the only work for the flute (so far as the knowledge of the writer extends) commencing with the key of C; but his work does not follow the regular succession of the scales, showing their connexion for the purposes of modulation; and his lessons are not intended for beginners, but (as he says in his introduction) "for those who have made some progress on the instrument."

education. The arrangement of this subject, and the method of imparting a knowledge of time, in this work, differs from any other now known—the advance being *gradual*, and the explanations so *simple*, that they cannot be misunderstood.

The lessons for practice are generally familiar subjects, better calculated, than the tedious monotony of uninteresting exercises, to engage the mind, and to lead, by the ear, to the correction of any mistakes in the intervals, which a pupil might make. These lessons are also arranged in their simplest form, unincumbered, in most instances, by marks of expression and embellishment; leaving these latter points to be treated of in a separate section, after the pupil is well established in the more essential matters of the art.

Though the whole of this work may, in fact, be a *compilation*; still the *arrangement* of the different subjects is claimed to be *new and valuable*; and if the object aimed at may be considered as obtained here, the Author will have accomplished his own designs, by obviating, for others, some of those difficulties which he himself has encountered in the study of music; while, at the same time, he has also employed, with pleasure, some of his leisure hours.

AN AMATEUR.

OF THE PROPER MANNER OF HOLDING THE FLUTE.

In this work, I shall speak only of the 4 6 or 8 key'd Flute. The improvement of the several notes which depend on the use of the B flat, G sharp, and F natural keys, is so important that it is useless to attempt, or expect perfect tones without them. Of the C shake key, and the F natural key, it will be time to speak, when, in the progress of this work, their use may become convenient, if not necessary.

Much depends on the proper manner of holding the Flute, and this should, therefore, receive our first and careful attention. When the instrument is raised to the lips, it should be sustained in nearly a *horizontal position*; the head of the performer being perfectly erect. The mouth-hole, or "Embouchure," should then be turned inwards, in such a manner that the centre of the under lip will cover a small part of the hole. The lips must be braced together, leaving a small acute oval aperture for the breath; as you would prepare them to blow into a bureau key.

The Flute should rest on the lower part of the third joint of the first finger of the left hand as its main support, and the thumb of the same hand should be placed just above the B flat key, which is on the second joint of the instrument. The thumb of the right hand must be placed nearly under the first, or upper hole of the third joint, and this will naturally bring the little finger of the right hand just over the D sharp key, which is on the fourth joint of the flute. Then each finger resting just over each corresponding hole, and the little finger of the left hand above the G sharp key, on the second joint, you will have such command over the instrument with your *first left hand finger*, and the thumb of your right hand, that you can press it closely to your under lip.

Success in obtaining a *good tone* depends very much on the firmness with which the flute is pressed to the lip, and upon the steadiness with which it is held. As an illustration of this you will frequently find that the left hand first finger (of those who play well and practice much) is *callous*, and sometimes the part of the flute resting on that finger is considerably defaced.

The breath must then be directed steadily downwards *into* the flute, with care that it does not escape *over* it. By blowing steadily, the learner will soon discover the point at which he must hold the flute, in order to produce a *pure tone*; which being accomplished, *with all the holes open*, he may commence closing the holes, *one by one*, beginning with the first finger of the left hand, and so on downwards, blowing each note *firmly* until he can produce a clear full and *sustained* tone, down to the very lowest, with all the holes *closely* stopped.

If he have the additional *lower keys* on his flute, he must continue on by closing them in their regular order, and by blowing their respective notes also. Great care must be taken to stop each hole *perfectly*, as the notes, (particularly the lowest,) depend on the apertures being thoroughly closed.

OF THE PROPER TONE.

The value of the Flute depends on the *tone* which may be produced on the instrument. Unless a proper tone is obtained the flute loses its *character*, and becomes a mere whistle.

The peculiar and true qualities of the Flute tone, can scarcely be described. It was, (in the days of Dryden, the poet,) designated as "The soft complaining Flute." Its tone was likened to that of "the bird;" but since Mr. Nicholson's appearance, the character of the instrument is changed, and we now hear it spoken of, most frequently, as "*The Trumpet tone*;" and though the more tender and delicate notes still belong to the flute, and comprise no small share of its beauty, it is the latter quality which now forms its prominent characteristic, and which gives to the Flute the rank it now holds, as a Concerto instrument.

The nearer any note approaches to its eighth or octave above, *without running into that octave*, the nearer does it approach to the true, clear, firm and *brilliant* tone which good performers produce, and which gives to their style of playing its principal charm. To produce this tone, much depends on the *strength* and *velocity* with which the breath is forced directly into the flute, (*allowing none to escape*,) and on the firmness with which the lips are braced. The velocity is increased, (as will be readily understood,) by articulating the syllable "too" *forcibly* into the flute. This is called "*tonguing*," and is of essential service in producing a good tone. The learner may also produce *long sounds*, sustained to the length of his breath, and by increasing its force steadily, he will find the tone acquiring a brilliancy and beauty, which is the great desideratum in playing.

And here, I may remark, that a *teacher's experience* is requisite, to exhibit to the pupil the true tone, so difficult to be described, and which may more readily be acquired by *imitation*, after hearing it, than by application to preceptive rules and personal effort.

The lower notes do not require the lips to be compressed to so small an aperture as is necessary for the higher ones; but they must not be too much relax'd, or the tone will deteriorate. The learner, having obtained a firm tone on all the notes, should be careful to hold the flute in the same position, *steadily*. If it be turned in or outwards, varying its first position, the notes will become either too flat or too sharp, and the performer will almost unavoidably blow the octaves out of tune.

OF THE GAMUT, AND THE DIATONIC SCALE.

The Pupil being now supposed able to produce a steady, firm tone, in the manner already prescribed to him, must proceed to learn and practice the Gamut, as it is set below, after having acquired a thorough knowledge of the Diatonic Scale, which may be described as follows:

There are but seven primary sounds in nature, which consist of *five tones* and *two semitones*; and the repetition of these sounds, in regular succession, is called *The Diatonic Scale*. The *eighth note*, which makes up and is included in what is called "*The Octave*," is a repetition of the first. These seven primary sounds are represented by the first seven letters of the alphabet, which are repeated in the several octaves, thus, C D E F G A B C. I have taken C as the *Tonic* or *Key note*.*

The key of C, is called the *natural key*, because the two semitones contained in the diatonic scale, occur in that key, *by the order of nature*, in their proper places, that is, between the 3d and 4th, and between the 7th and 8th notes of the scale from the tonic.† These are the *natural places* for the two semitones; therefore, from B to C, and from E to F, are *natural semitones*: and if any other note than C is taken for the tonic or key note, the two semitones must still be placed between the 3d and 4th, and between the 7th and 8th, and you are therefore obliged to raise certain notes by *sharps*, or to depress them by *flats*,‡ to keep these two semitones in their proper places. There is no other reason to be given for this peculiar location of the semitones, than the *fact*, that the ear is so formed, that unless the two semitones are found in the places, as above described, the sounds of the scale will immediately appear to be incorrect, and the ear will be disturbed by the improper succession. The place of the two semitones, *as ordered by the laws of sound*, will be further exemplified as we proceed to the several changes of the tonic or key note.

As a part of the system adopted throughout this work, (*and wherein it differs from most others, which introduce the learner into the key of D two sharps*,) this gamut is arranged in the key of C major, which requires no flats or sharps. The several scales which embrace the flats and sharps will be explained in their order.

THE NATURAL GAMUT OF C. MAJOR.§

semitone tone tone semitone tone tone semitone

	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	D	E	F	G	A	B	C	
Left Hand.	●	●	●	●	●	●	○	○	○	●	●	●	●	○	○	○	●	●	●	○	●	○	○
B. b Key.	●	●	●	●	●	○	○	○	○	●	●	●	○	○	○	○	●	●	○	○	●	○	○
G. # Key.	●	●	●	○	○	○	○	○	○	●	●	○	○	○	○	○	●	○	○	○	○	○	○
Right Hand.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
F. ♭ Key.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
D. # Key.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
C. # Key.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
C. ♮ Key.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

These two keys remain open through the rest of this Gamut.

In the above Gamut the finger holes and keys to be *open*, are denoted by a circle, thus, ○; and to be closed by a dot, thus, ●.

Music is written on and between five parallel lines, which, thus placed, are called the "Staff;" and when the course of the melody runs above or below these, the additional lines are called *LEGER LINES*.

The names of the lines and spaces correspond, *in all cases*, with the letters as *given in the above gamut*—that is to say, C is the leger line below the staff: D is the first space below the staff: E is the first line: F is the first space: G is the second line: A is the second space, &c. &c.

*The Tonic or Key note is that which regulates, in every key, the *signature of the semitones*. It is the predominant note, or may be compared to a starting point, from which you must calculate the distances; and the semitones must be at just such distances from the tonic, or the scale will not be correct.

†In counting an interval from one note to the other, it is proper to count *both* notes. For example: when we say that from C to G is a fifth, we must count C as 1; D 2; E 3; F 4; G 5.

‡A sharp, thus ♯, raises a note half a tone. A flat, thus ♭, depresses a note half a tone.

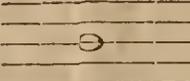
§All the scales and lessons, in this work, are arranged in the *major* key. Of the scales in the *minor* key, and wherein they differ from the major key, we shall speak hereafter.

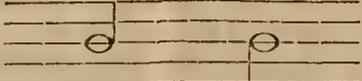
OF THE FIRST DIVISION OF COMMON TIME.

In the *first division* of common time, you are supposed to count, to each measure, 1, 2, 3, 4, as it is indicated by figures over or under the measures in the above examples. The fore part of the foot must be brought *down*, at the beginning of the *first* half of each measure, and *up*, at the beginning of the *last* half thereof, as indicated by the letters D and U, in the foregoing examples. These letters, (standing for *down* and *up*, wherever they occur in this work,) refer to the position of the foot.

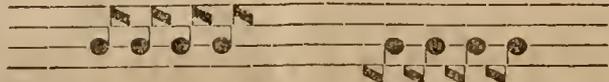
The greatest difficulty in beating time, is to preserve the *regular movement* of 1, 2, 3, 4, dividing the measure into four *equal* parts, while the foot is brought down at 1, and up at 3. The motion of the pendulum of a clock will materially assist the pupil in *preserving this regularity*, and in avoiding the common error of hastening time. He will do well to practice before one, causing the foot to beat *down* when the pendulum is at the extreme right, and *up* when at the extreme left.

We have seen that the time or duration of all the measures, in any one piece of music, is the same and *equal*; but the measures may, nevertheless, be filled with different kinds of notes and rests, and these notes and rests, though of different *durations*, are regularly *proportioned*, one to another, in the following ratios.

The longest note in *modern* music, is a semibreve.  And this is equal to

2 Minims  or to

4 Crotchets  or to

8 Quavers  or to

16 Semiquavers  or to

32 Demisemiquavers 

By the same *relative* proportion, one minim is equal to two crotchets, or to four quavers, or to eight semiquavers, or to sixteen demisemiquavers. Reading them inversely, a minim is of course $\frac{1}{2}$ of a semibreve; a crotchet is $\frac{1}{4}$ of a semibreve; a quaver is $\frac{1}{8}$ of a semibreve, &c. &c.; always referring to the semibreve as the *standard*.

All music for the *Flute*, is written on the Treble Clef, which clef is designated by this character, 

The *first division* of common time is represented by this character "C," and sometimes by the figures $\frac{4}{4}$; signifying four-fourths of a *semibreve* in each measure; or, in other words, four crotchets in each measure, (a crotchet being one-fourth of a semibreve, and therefore one semibreve filling a measure.)

The following staff exhibits at one view: 1st, the clef: 2d, the character of the first division of common time: 3d, the different kinds of notes, and their relative value in time: 4th, the letters D and U, showing where the foot should be down and where up, or the manner of beating time: and 5th, rests, which denote *silence*, corresponding, in time, with the note under which they are here placed, as a *semibreve rest*, a *minim rest* &c. &c.

1 Semibreve. = to 2 Minims. = 4 Crotchets. = 8 Quavers. = 16 Semiquavers.



OF THE KEY OF C MAJOR.

The pupil may now proceed to practice the lessons under the various keys as they occur, commencing with the key of C major, as laid down in the scale below; keeping always in mind, that from E to F, and from B to C, are *natural semitones*—that in the key of C major, the two semitones contained in the diatonic scale, are in their natural places, between the 3d and 4th, and between the 7th and 8th; and that therefore there are no sharps or flats in the signature of this key.

SCALE OF C. MAJOR.

tone tone *semi* tone tone tone tone *semi* tone tone tone *semi* tone tone tone



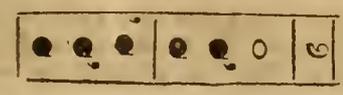
This is considered the best fingering of middle C, where it is necessary to *dwell on the note*. The fingering of this note in the gamut is better for rapid passages. For other fingering of the upper C, see Harmonics.

EXERCISES IN THE KEY OF C MAJOR.

No. 1. *Count four Crotchets to each Bar.*

No. 2.

No. 3.



This fingering of E octave is the best and easiest in such passages as the above, and when the music is a rapid movement, though the E, as laid down in the gamut, is perfectly correct.

No. 4.



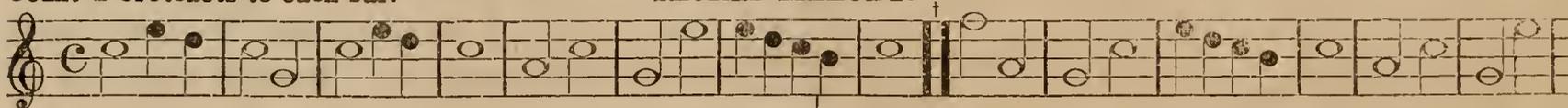
No. 5.



LESSONS IN FIRST DIVISION OF COMMON TIME.

Count 4 Crotchets to each bar.

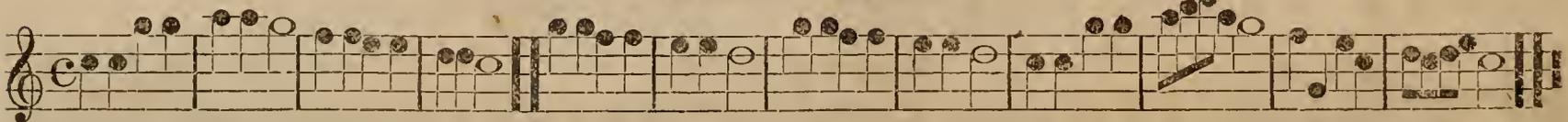
SACRED MELODY.



ADESTES FIDELES.



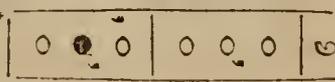
MARK MY ALFRED.



MORELLI'S LESSON.



JUBILEE MARCH.



In rapid passages, like those in No. 4, the C may all be fingered in the manner here laid down.

† A double bar, marked thus,  divides a piece of music into two or more strains. When marked thus,  or thus,  the performer must

repeat the strain next to the dots. The close, or end of the whole piece, is marked thus, 

‡ A dot after a note, (or after a rest,) increases its length one half; and two dots adds three quarters to its original time. That is to say—a dotted quaver is equal to a quaver and a semiquaver; and two dots will make it equal to a quaver, a semiquaver, and a demisemiquaver. To illustrate the effect of dots, the Jubilee March, and Morelli's Lesson are inserted—the former with dotted notes, and the other written simply. They are precisely the same notes, but of very different character of music.

HAIL COLUMBIA.

GRAND MARCH IN EL HYDER.

u a u a u a a a u a u a a a a u a a a a

a a u a a u a u a u a u a a a a u a u a u a u a u

a u a u a a u a u a u a u a a u a a u a a u a u

a u u u a u a u a u a u a u a a a a u a u a u

a u a u a u a u

Da Capo al segno. †

OF ACCENT.

In reading, we require certain portions *emphasized*, or it becomes monotonous; so also in music, each measure is divided into *accented* and *unaccented* parts.

By accent, says Gardner, in his music of nature, we mean that stress or force put upon a sound which renders it more conspicuous than others, by which a peculiar expression, or rythm, is given to the musical phrase. By the peculiar construction of the ear, we learn that the different degrees of loud and soft, constitute one of its greatest pleasures, and that it is unfitted to receive two sounds of equal force in succession; and accent is necessary to parcel out the sounds into such portions as the ear can approve. In common time, of four crotchets in each measure, the first and third are *accented*, while the second and fourth

3 Denotes that any three notes marked thus, are to be played in the time of two of the same denomination.

† D. C. al segno, directs the performer to repeat from the sign § and is called a "Da Capo." The pieces marked thus, generally end with the first or second strain; and in such cases "Fine" or "☉" is written over the double bar, as appears in the last example.

THE HUNTSMAN'S CHORUS, in Der Freischutz.

1st time. 2d time. *

Musical score for 'THE HUNTSMAN'S CHORUS' in 2/4 time. The score consists of three staves. The first staff contains vocal lines with lyrics: 'u a u a u a u a u a u a u a u a u a u'. The second staff is a piano accompaniment. The third staff includes a 'D. C. al segno.' instruction and a repeat sign. There are first and second endings indicated by brackets and double bar lines.

THE MERMAID'S SONG.

Musical score for 'THE MERMAID'S SONG' in 2/4 time. It consists of two staves. The first staff is the vocal line, and the second is the piano accompaniment. A 'lento' marking is present in the second staff. The piece concludes with a double bar line.

GAMBATTI'S CELEBRATED TRUMPET MARCH.

Musical score for 'GAMBATTI'S CELEBRATED TRUMPET MARCH' in 2/4 time. It consists of four staves. The first staff is the main melody. The second and third staves feature complex rhythmic patterns with many slurs and accents. The fourth staff continues the rhythmic pattern and ends with a double bar line.

ROUSSEAU'S DREAM.

Musical score for 'ROUSSEAU'S DREAM' in 2/4 time. It consists of two staves. The first staff is the vocal line, and the second is the piano accompaniment. The piece ends with a 'Fine.' marking and a double bar line. A 'D. C.' instruction is located at the end of the second staff.

* The marks "1st time"—"2d time"—direct the measure marked "1st time," to be played in its order to the double bar; and on repeating that strain the measure marked "1st time," should be omitted, and the measure marked "2d time," should be played in its stead, and the piece then proceeds to its conclusion.

CEASE, SWEET GIRL.

The pupil is presumed, by this time, to be familiar with the key of C major, and to be capable of playing any piece *in common time*, in this key, with ease; and unless this be the fact, he is advised to continue his practice in that key, until he can do so. It is proposed now, as the most convenient course, to change the key from C major, to the key of G major, or, as it is sometimes called, the key of one sharp.

OF THE KEY OF G MAJOR.

In this scale the tonic or key-note is G, which is a fifth above C; and by referring to the explanation of the diatonic scale as to the place of the semitones; and by making the same calculation as he did in the key of C, for the semitones, the pupil will find that, as he commences with G, the first semitone is already in its proper place, between the 3d and 4th, because from B to C is a *natural semitone*. He will also find, that now there is no semitone where it should be between the 7th and 8th, but that it is between the 6th and 7th, or E and F natural, as that is also a *natural semitone*. Therefore, to make the scale correct, he must now raise the F half a tone; and instead of making it *natural*, as before, make it *sharp*, which will thus change the semitone from between the 6th and 7th to the 7th and 8th, and the scale will then read thus:

SCALE OF G MAJOR.

This mode of fingering F# with the F# key open, is the most perfect; and some flutes are flat without it, producing Gb instead of F#: the lower F# is, in all respects, similar to this.*

●	Mr. Taylor's flutes require the 2d instead of the 3d finger of the left hand to be raised to produce F# octave; and when G and F# are alternated rapidly, that fingering is the most convenient; but the mode used here is the best when practicable.	●
○		○
○		○
○		○
○		○
○		○

In this key the signature after the clef, being a sharp on F, all the F's above and below, must now be made sharp, unless contradicted by a *natural*, thus, ♯; which restores a note, that was before flat or sharp, to its *natural* sound. We have already seen, that when a sharp is placed before a note, it raises that note half a tone; and if that note, so sharpened, should be the *last* note in a measure, and the *first* note in the next measure be the *same*, the effect of the sharp extends to the *latter*, and raises that note also, half a tone. The same rule applies to flats which depress a note half a tone.

When flats or sharps are inserted in a piece, other than such as are indicated by the *signature*, they are called ACCIDENTALS.

LESSONS IN THE KEY OF G MAJOR.

AH! PERDONA.

* Mr. Nicholson strongly recommends the performer to finger the two lower F# in descending passages, thus:

It is a matter of convenience, as to fingering, and a question of taste, as to the *tone*; as the mode given in the scale of G above, is conceded to be correct with the F# key raised.

THE VESPER BELL.

Musical notation for 'THE VESPER BELL.' in G major, 2/4 time. The piece consists of a single melodic line on a treble clef staff. It begins with a treble clef, a key signature of one sharp (F#), and a time signature of 2/4. The melody is characterized by eighth and sixteenth notes, with some slurs and accents. There are dynamic markings 'F' (forte) and 'P' (piano) above the staff. The piece concludes with a double bar line and repeat dots.

OH! EVER IN THIS BOSOM.

Musical notation for 'OH! EVER IN THIS BOSOM.' in G major, 2/4 time. The piece is written for two staves. The upper staff contains the melody, and the lower staff contains a more complex accompaniment with many sixteenth notes and slurs. The key signature is one sharp (F#) and the time signature is 2/4. The piece ends with a double bar line and repeat dots.

HUNTING PIECE.

Musical notation for 'HUNTING PIECE.' in G major, 2/4 time. The piece is written for two staves. The upper staff contains the melody, and the lower staff contains a rhythmic accompaniment with many sixteenth notes. The key signature is one sharp (F#) and the time signature is 2/4. The piece ends with a double bar line and repeat dots.

This may be played an octave above as a lesson.

MARINER'S HYMN.

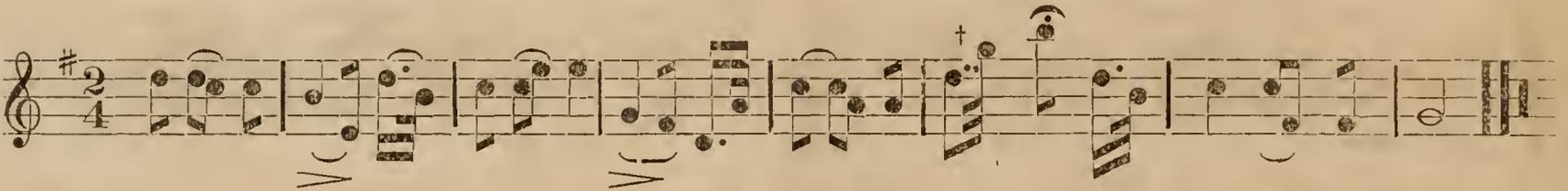
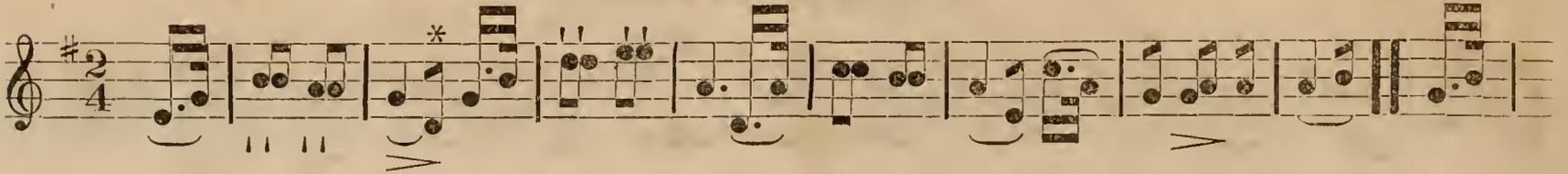
Musical notation for 'MARINER'S HYMN.' in G major, 2/4 time. The piece is written for two staves. The upper staff contains the melody, and the lower staff contains a rhythmic accompaniment with eighth notes. The key signature is one sharp (F#) and the time signature is 2/4. The piece ends with a double bar line and repeat dots.

MY LOVE, SHE'S BUT A LASSIE, YET.

Musical notation for 'MY LOVE, SHE'S BUT A LASSIE, YET.' in G major, 2/4 time. The piece is written for a single melodic line on a treble clef staff. The key signature is one sharp (F#) and the time signature is 2/4. The melody is simple and consists of eighth and sixteenth notes. The piece ends with a double bar line and repeat dots.



HAYDN'S CELEBRATED ANDANTE.



OF TRIPLE TIME.

There are but two *general* divisions of time, viz: Common Time and Triple Time. Common and triple time are each *subdivided* into *simple* and *compound*; but, according to the original plan of this work, the design of which is, that the pupil may not be perplexed with the complication of rules; we shall only speak of the *simple* divisions of common and triple time at present, and hereafter we shall explain the varieties of compound time.

We have seen that simple common time contains two or four equal parts in each measure, and with these the pupil is presumed now to be thoroughly acquainted. Triple time contains *three* equal parts in each measure, that is to say, three minims, marked $\frac{3}{2}$, three crotchets, marked $\frac{3}{4}$, or three quavers, marked $\frac{3}{8}$. The first species, $\frac{3}{2}$, is seldom used except in some specimens of sacred music; and as it is beat in the same manner as $\frac{3}{4}$, we proceed to explain this latter division of triple time, it being most suitable to our present purpose.

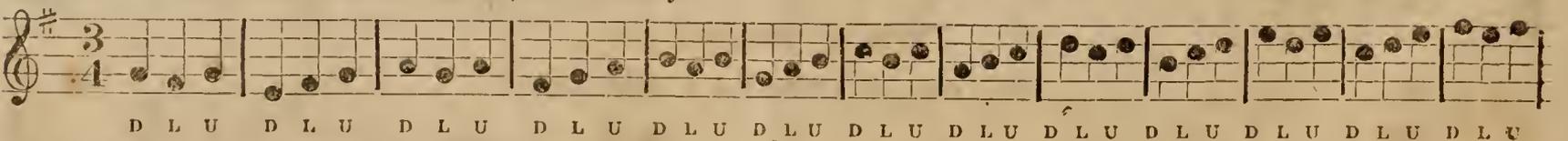
The signature $\frac{3}{4}$ represents three fourths of a semibreve, or *three crotchets in a measure*; and the rule generally given for beating $\frac{3}{4}$ time, is that the foot should come *down* at the beginning of each measure; (*this is correct, and without exception*;) and should come up on the last *third* of the measure. But, by this rule, there is no direction, (while beating with the foot,) how to *count* the time of the *second* note in the measure. For this deficiency, I would suggest a remedy, which is this: let the knee, or foot, be moved to the *left*, on the second part of the measure, and it will then be beat thus: DOWN, LEFT, UP.

I have always found this a *convenient* and correct count for *one, two, three*; and, with all due deference to the old system, I would strongly recommend it as the best—as the *heel* should never be raised from the floor, it is the *only* means left of marking the *second* portion of the measure. Not so when beating $\frac{3}{4}$ time with the *hand*, for then the heel of the hand is brought down on the second part of every measure; but now our hands are otherwise employed, and the knee can be easily substituted.

Triple time is a beautiful and graceful movement, and some of the most celebrated specimens of composition, are to be found in this mode. Gardner, in his music of nature, has very aptly compared triple time to the graceful motion of a horse *cantering*, and common time, to the stately movement of an army marching. As we have before noticed the fact that in a man's walking pace, every *alternate* step is louder than the other, so also, in the canter of a horse, we must see that every *third* step is louder than the other two; and this throws the sounds into triple time. Though the *two last parts* of a measure in triple time are said to be *unaccented*, yet, *as between these two parts*, there is a partial accent on the *last*, which should be a little stronger than the one preceding it. This may also be noticed in the canter of a horse—the *third* step is louder than the *second*, but not so loud as the first. Waltzes exhibit the triple accent.

LESSONS IN FIRST DIVISION OF TRIPLE TIME.

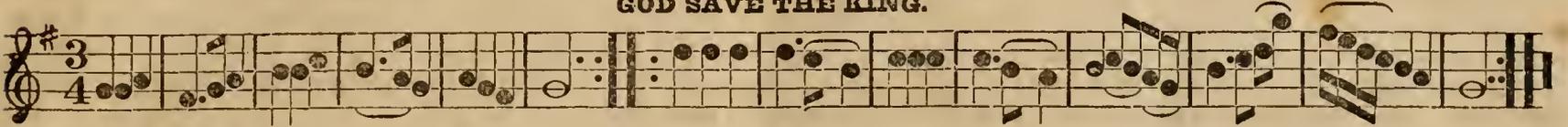
EXERCISE. Count three crotchets to a measure, and accent the first.



* This mark > directs a *sudden, forcible emphasis* to be laid on the first part of a note, and to decrease on the second part. The expression which a proper attention to these marks produces, is astonishing, especially in a plaintive air. They are usually neglected, but they are essential to express the author's sentiment. (For a general account of these marks, see embellishments, on a subsequent page.)
 † A double dot adds three quarters to the original length of a note.



GOD SAVE THE KING.

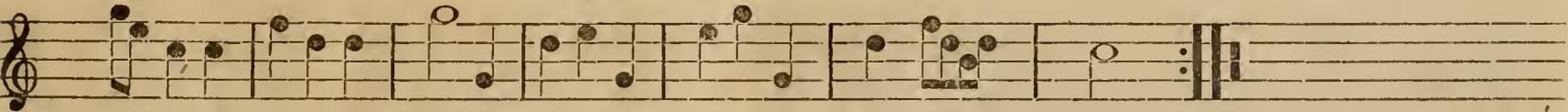


DLU DLU DLU DLU DLU DLU

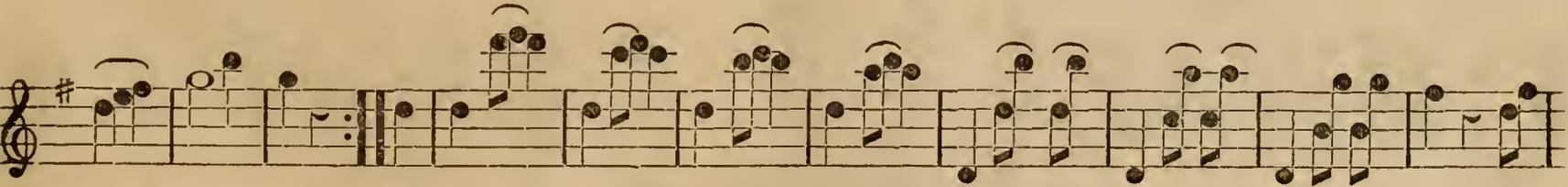
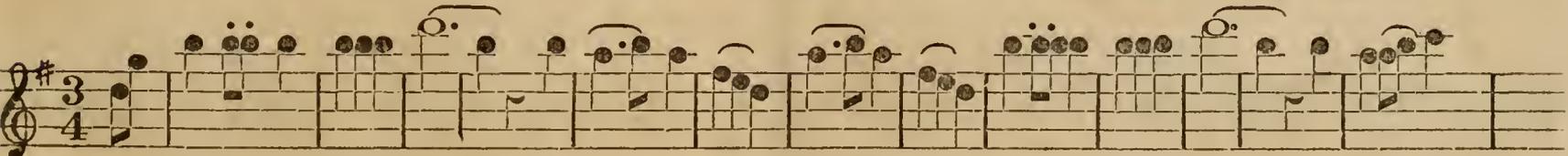
BUY A BROOM



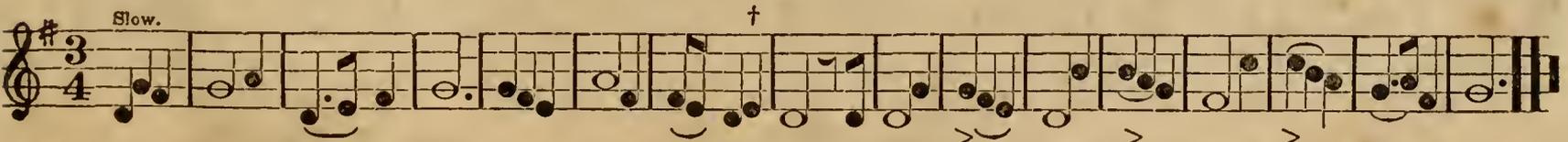
WALTZ, BY MOZART.



HUMMEL'S WALTZ.



AIR, BY BEETHOVEN.



* See note under the scale of G major, on flats, sharps, naturals, and accidentals.

† E has been substituted for C# in the original of this air, to avoid any sharp not yet exhibited to the pupil; any other alterations which may be noticed, are made with a view to preserve the system on which this work is founded.

OF THE KEY OF D. MAJOR.

The next key in the order here proposed, is the key of D. major, which is a fifth above the last key, G major. The pupil, by referring to the explanation of the diatonic scale, and keeping in mind that the natural place for the two semitones, is between the 3d and 4th, and between the 7th and 8th, will find by taking D for the tonic or key note, (which always regulates the signature of the semitones,) he must now add another sharp to the scale, as follows: commencing with D, we have the F already sharp, and the first semitone in the scale, is consequently in the proper place: as we proceed, the 2d semitone is now found between the 6th and 7th, (from B to C being a natural semitone,) and therefore we must raise the C natural half a tone, to C sharp; thus bringing the 2d semitone to its proper place, between the 7th and 8th: then making all the F's and C's sharp, above and below, the signature will be *two sharps*, and the scale will read thus:

SCALE OF D MAJOR.

tone tone semitone 3 4 tone tone tone semitone 7 8 tone tone semitone tone tone tone semitone

If you have the *additional C keys*, the first fingering of C# is the true one, and renders a rapid passage easy. If you have not those keys, the second fingering is to be used, but must be *blown sharp*.

LESSONS IN THE KEY OF D MAJOR.

EXERCISE.

ANDANTE MAESTOSO.

HUNGARIAN WALTZ.

Two staves of musical notation for 'HUNGARIAN WALTZ'. The key signature is one sharp (F#) and the time signature is 3/4. The first staff contains the main melody with slurs over groups of notes. The second staff contains the accompaniment, starting with a repeat sign and ending with a double bar line.

THE ROSE OF LUCERN.

Two staves of musical notation for 'THE ROSE OF LUCERN'. The key signature is one sharp (F#) and the time signature is 3/4. The first staff contains the main melody with slurs. The second staff contains the accompaniment with slurs and a double bar line at the end.

THE SWISS BOY.

Two staves of musical notation for 'THE SWISS BOY'. The key signature is one sharp (F#) and the time signature is 2/4. The first staff contains the main melody with slurs and a double bar line. The second staff contains the accompaniment with slurs and a double bar line.

MI PIZZICA MI STIMOLA.

Four staves of musical notation for 'MI PIZZICA MI STIMOLA'. The key signature is one sharp (F#) and the time signature is 2/4. The first staff contains the main melody with slurs, a double bar line, and an asterisk (*) above a note. The second and third staves contain the accompaniment with slurs and a double bar line. The fourth staff contains the main melody with slurs, a double bar line, and a dagger (†) above a note.

* A bind over two notes on the same line, directs the *two* to be played as *one*, and not struck separately.

† The sign $\overbrace{3}$ over any three notes, directs the three to be played in the time of two of the same denomination—as three semiquavers in the time of two semiquavers.

ROW GENTLY HERE, MY GONDOLIER.

Musical notation for the piece 'ROW GENTLY HERE, MY GONDOLIER.' It consists of two staves of music in G major (one sharp) and 2/4 time. The first staff contains the main melody with various ornaments and slurs. The second staff provides a bass accompaniment with a steady rhythmic pattern.

LE PETIT TAMBOUR.

Musical notation for the piece 'LE PETIT TAMBOUR.' It consists of three staves of music in G major (one sharp) and 2/4 time. The first staff features a melody with many slurs and accents. The second and third staves provide a rhythmic accompaniment with a consistent pattern of eighth notes.

OF THE SECOND DIVISION OF TRIPLE TIME.

We have already seen that there are two divisions of simple triple time. The signature of the first division is $\frac{3}{4}$, and of the second division $\frac{3}{8}$. The only difference then is, that the second division is a more lively movement, and contains only *half* the time of the first division, or $\frac{2}{3}$ of a *semibreve* in each measure; so that, instead of *three crotchets*, or their equivalent, as in $\frac{3}{4}$ time, we have now, only *three quavers*, or their equivalent, in each measure; and therefore the time is designated, after the clef, by the fraction " $\frac{3}{8}$:" one quaver being *one eighth* of a *semibreve*.

The manner of counting and beating the *first* division has been explained; and the lesson under it should be *thoroughly practised*, and rendered *familiar*, before proceeding farther. When this is accomplished, the pupil will be competent to execute with ease the 2d division of triple time, which is *counted*, and *should be beat*, in the same measure as the first division. The following lessons will exemplify this subject more fully.

LESSONS IN SECOND DIVISION OF TRIPLE TIME.

EXERCISE. Count three quavers in each measure.

Two staves of musical exercises in G major (one sharp) and 3/8 time. The first staff shows a sequence of eighth notes with a rhythmic pattern of 'DLU' (Down, Left, Up) repeated across the measures. The second staff shows a more complex melodic exercise with slurs and accents.

LOVE'S RETURNELLA

Musical notation for 'LOVE'S RETURNELLA' in G major, 3/8 time. The piece consists of two staves. The first staff contains the melody with accents (>) over the first and fifth measures. The second staff contains the accompaniment, featuring a rhythmic pattern of eighth and sixteenth notes.

SWEET HOME

Slow and plaintive.

Musical notation for 'SWEET HOME' in G major, 3/8 time. The piece consists of two staves. The first staff contains the melody, and the second staff contains the accompaniment. The tempo is marked 'Slow and plaintive'.

SWISS WALTZ.

Musical notation for 'SWISS WALTZ.' in G major, 3/8 time. The piece consists of two staves. The first staff contains the melody with accents and slurs. The second staff contains the accompaniment, featuring a rhythmic pattern of eighth and sixteenth notes.

BY THE MARGIN OF FAIR ZURICH'S WATERS.

Musical notation for 'BY THE MARGIN OF FAIR ZURICH'S WATERS.' in G major, 3/8 time. The piece consists of four staves. The first staff contains the melody with an asterisk (*) above the eighth measure. The following three staves contain the accompaniment, featuring a rhythmic pattern of eighth and sixteenth notes.

*See reference to accidentals, under scale of G. Major.

THE GUARACHA WALTZ, or the CASTILLIAN MAID.

Two staves of musical notation in 3/8 time. The first staff ends with a double bar line and the word "Fine." The second staff ends with a double bar line and the initials "D. C." (Da Capo).

LA CACHOUCHA.

Three staves of musical notation in 3/8 time. The piece concludes with a double bar line.

OF THE KEY OF A MAJOR.

The next fifth above D, (which was the last tonic,) is A. Taking the diatonic scale, and keeping in mind that the semitones must occur between the 3d and 4th, and between the 7th and 8th from the tonic, and taking A for the tonic or key note, we have already C and F sharp, and thus far the scale is correct; but to bring the next semitone between the 7th and 8th, we must now add another sharp, viz: G sharp; otherwise the second semitone would occur between the 6th and 7th, which, we have seen, is incorrect.

We have now, therefore, three sharps, F, C, and G; and this is called the key of A major—A being the tonic, and the scale will read thus:

SCALE OF A MAJOR.

A single staff of musical notation showing the scale of A major. The notes are A, B, C#, D, E, F#, G#, A. Above the staff, intervals are labeled: "tone" between A and B, "tone" between B and C#, "semitone" between C# and D, "tone" between D and E, "tone" between E and F#, "tone" between F# and G#, and "semitone" between G# and A. The staff ends with a double bar line.

G# on the 2d line, is fingered exactly as G# above. The G# key is raised with the little finger of the left hand, and when A and G# are *alternate* notes in a *rapid* passage, the key may be kept open.

Two vertical diagrams showing fingerings for the notes G# and A. The left diagram shows G# on the second line of a treble clef staff with a "6" below it, indicating the sixth finger. The right diagram shows A on the second space of a treble clef staff with a "6" below it, indicating the sixth finger.

LESSONS IN THE KEY OF A MAJOR.

A single staff of musical notation in 2/4 time, labeled "EXERCISE." It contains a series of eighth-note patterns and chords in the key of A major, ending with a double bar line.

EXTRACT FROM AN OLD GERMAN SYMPHONIA.

Filtz.

Musical score for 'EXTRACT FROM AN OLD GERMAN SYMPHONIA'. It consists of three staves of music in treble clef, key of D major (two sharps), and 3/4 time. The first staff contains the main melody. The second staff includes dynamic markings 'Piano.' and 'Forte.' and features a repeat sign. The third staff concludes the piece with a double bar line.

ISLE OF BEAUTY.

Slow.

Musical score for 'ISLE OF BEAUTY'. It consists of two staves of music in treble clef, key of D major (two sharps), and 2/4 time. The tempo is marked 'Slow.'. The second staff includes an asterisk (*) above a note and ends with a double bar line.

WALTZ.

† first time second time

Musical score for 'WALTZ'. It consists of three staves of music in treble clef, key of D major (two sharps), and 3/4 time. The first staff includes a first and second ending bracket. The second and third staves provide accompaniment and conclude with a double bar line.

HAYDN'S CELEBRATED ANDANTE.†

Musical score for 'HAYDN'S CELEBRATED ANDANTE'. It consists of two staves of music in treble clef, key of D major (two sharps), and 2/4 time. The score features various accents and slurs throughout the melody and accompaniment, ending with a double bar line.

* F# is here substituted for D# of the original air; which latter sharp has not yet been introduced in the scales.

† See note on page 13—ante.

‡ This same celebrated movement may be found in the key of G, to which refer for description of marks of emphasis.

YOUNG LOVE.

Largo.

F *ad lib*

THE LAST ROSE OF SUMMER.

Affettnoso.

F *pp*

LULLABY.

Larghetto.

F *pp*

The foregoing key of E major, is a peculiarly *brilliant* and beautiful key, and deserves *careful* attention. It will eventually become a favorite key with those who study it sufficiently to appreciate its beauties.

It is proposed now, to exhibit *only* the *scales* of B major, (which is the key of five sharps,) and of F# major, (which is the key of six sharps,) and to omit any *lessons* for *practice* in those scales. The key of C# major, or seven sharps, is synonymous with D \flat major, or five flats, and will be found under the latter signature.

Our reason for omitting the lessons in the keys of five and six sharps, is, that they are *comparatively* very seldom used, and though these extraneous keys have, of late years, come more into vogue than formerly, the beauties of the flute are not, as we think, enhanced by their use.

SCALE OF B MAJOR, OR FIVE SHARPS.

SCALE OF F# MAJOR, OR SIX SHARPS.

tone tone semitone tone tone tone semitone

tone tone semitone tone tone tone semitone

E# is the same note as F#, as there is no semitone between them, or, as before explained, "from E to F is a *natural semitone*."

These keys will hereafter be adverted to, in describing the HARMONICAL CIRCLE, which will show that the above key of B five sharps, is synonymous with Cb, or seven flats; and that the above key of F#, or six sharps, is also synonymous with Gb, or six flats.

OF THE REMAINING DIVISIONS OF TIME.

As we are not to proceed farther with examples of the other major keys in sharps, it is a convenient and proper opportunity to explain to the pupil the remaining divisions of time, now, before proceeding with the major keys in flats. We have already seen, (by the section on triple time,) that common and triple time are each subdivided into simple and compound varieties

Compound common time has two varieties. The first contains six crotchets, or their equivalent, in each measure, marked $\frac{6}{4}$, or six fourths of a semibreve. The second has six quavers, or their equivalent, in each measure, and is designated by the fraction $\frac{6}{8}$, or six eighths of a semibreve.

Compound triple time has also two varieties. The first contains nine crotchets, or their equivalent, in each measure, and is designated by the fraction $\frac{9}{4}$. The second contains nine quavers or their equivalent, in each measure, and is designated by the fraction $\frac{9}{8}$. These latter divisions of triple time rarely occur, as they are no more nor less than three measures of simple triple time thrown into one. It is true, it may be said, there is a difference so far as accent is concerned; but for our present purpose, this explanation is sufficient.

Compound common time is beat in the same manner as $\frac{3}{4}$ time, viz: two beats in each measure, one down and one up; but you must count three, or triplets to each beat, which is six in each measure, instead of one to each beat, as in common time. There are a great many interesting compositions in compound common time, and the lessons which follow will be necessary to illustrate the subject, keeping in mind that $\frac{6}{4}$ and $\frac{6}{8}$ are beat in the same manner; the only difference being that the latter movement is written in quavers and the former in crotchets, or their equivalents. $\frac{6}{4}$ time is seldom found, as it is more natural to write two measures of $\frac{3}{4}$ time instead of one measure of $\frac{6}{4}$ time.

LESSONS IN COMPOUND TIME.

EXERCISE. Count six crotchets to each measure. Count six quavers to each measure.

OH! IT WAS NOT FOR ME.

Allegretto.

HEY DOWN DERRY.

Allegro vivace

Musical notation for 'HEY DOWN DERRY.' consisting of two staves. The first staff begins with a treble clef, a key signature of one sharp (F#), and a 6/8 time signature. The melody is lively and features many eighth and sixteenth notes. The second staff continues the melody with similar rhythmic patterns.

ARABY'S DAUGHTER.

Slow.

Musical notation for 'ARABY'S DAUGHTER.' consisting of two staves. The first staff begins with a treble clef, a key signature of one sharp (F#), and a 6/8 time signature. The tempo is marked 'Slow'. The melody is more melodic and features many dotted notes. The second staff continues the melody and ends with a 'D. C. al segno.' instruction and a double bar line.

BARCAROLE in MASSANIELLO.

Musical notation for 'BARCAROLE in MASSANIELLO.' consisting of three staves. The first staff begins with a treble clef, a key signature of one sharp (F#), and a 6/8 time signature. The melody is light and features many eighth notes. The second and third staves continue the melody with similar rhythmic patterns.

DEAR NATIVE HOME.

Musical notation for 'DEAR NATIVE HOME.' consisting of three staves. The first staff begins with a treble clef, a key signature of one sharp (F#), and a 6/8 time signature. The melody is sentimental and features many dotted notes. The second and third staves continue the melody with similar rhythmic patterns.

KATE KEARNEY.

Musical notation for 'KATE KEARNEY.' consisting of two staves. The first staff begins with a treble clef, a key signature of one sharp (F#), and a 6/8 time signature. The melody is lively and features many eighth and sixteenth notes. The second staff continues the melody with similar rhythmic patterns.

OF THE KEY OF F. MAJOR.

The tonic of this key is F *natural*, which is a *fourth* above C natural. These major keys which have *flats* for their signatures, progress from C natural by *fourths*; and they differ, in this point, from the major keys which have sharps for their signatures, and which, we have seen, progress from the same C, by *fifths*. Taking F natural for our key note, and *leaving out of the scale the sharps*, which we have heretofore used, we look for the *first semitone* between A and B—the third and fourth; and as it is *naturally* between B and C, we make the B *flat*, to reduce the semitone to its proper place. The second semitone, from E to F, (being a natural semitone,) will be found in its place, between the 7th and 8th. All the B's above being rendered flat by the signature, the scale will read thus:

SCALE OF F MAJOR.

The scale of F major is shown on a single treble clef staff. The notes are F, G, A, B-flat, C, D, E, F. Above the staff, intervals are labeled: 'tono' between F and G, 'tone' between G and A, 'semitone' between A and B-flat, 'tono' between B-flat and C, 'tone' between C and D, 'tone' between D and E, and 'semitone' between E and F. Below the staff are two fingering diagrams for the right hand. The first diagram shows the first four notes (F, G, A, B-flat) with fingerings 1, 2, 3, 4. The second diagram shows the last four notes (C, D, E, F) with fingerings 5, 4, 3, 2. To the right of the diagrams is a text box:

The second fingering of B \flat , produces a fine tone, and is highly approved, as it may be forced to any extent, and may be used at all times. Both are, however, correct.

LESSONS IN THE KEY OF F MAJOR.

EXERCISE.

The exercise consists of two staves of music in the key of F major. The first staff begins with a treble clef, a flat key signature, and a common time signature. It contains a series of eighth-note patterns. The second staff continues the exercise with similar patterns, ending with a double bar line.

N. B. The above exercise should not be played in triplets.

FRESH AND STRONG.

The piece 'FRESH AND STRONG' is written on a single treble clef staff. It starts with a treble clef, a flat key signature, and a common time signature. The music features a mix of eighth and sixteenth notes. It includes a 'Fine.' marking and a 'Da Capo.' instruction at the end.

AIR BY KOCHLER.

The piece 'AIR BY KOCHLER' is written on two staves. The first staff begins with a treble clef, a flat key signature, and a common time signature. It is marked 'Andante.' and includes a 'Fine.' marking. The second staff continues the piece, marked 'D. C. al segno.' and ends with a double bar line.

WALTZ, from the Barber of Seville.

Rossini.

The waltz is written on a single treble clef staff. It starts with a treble clef, a flat key signature, and a 3/8 time signature. The music is characterized by a waltz rhythm and includes several accents (>) over notes.

> A natural only has effect in the measure where it occurs, and no farther.

Musical score for 'THE STOP WALTZ.' consisting of four staves of music. The first staff begins with a treble clef, a key signature of one flat (B-flat), and a 3/4 time signature. The music features a series of chords and melodic lines with various ornaments and slurs.

THE STOP WALTZ.

Continuation of the musical score for 'THE STOP WALTZ.' consisting of four staves. The first staff of this section is marked with a 3/4 time signature and includes dynamic markings such as accents (>) and slurs. The music continues with complex chordal textures and melodic patterns.

SAVOURNEEN DEELISH.

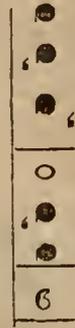
Musical score for 'SAVOURNEEN DEELISH.' consisting of three staves. The first staff is marked 'Slow.' and begins with a treble clef, a key signature of one flat (B-flat), and a common time signature (C). It includes a piano dynamic marking (p) and a first ending bracket. The music is characterized by a slower tempo and a focus on sustained chords and melodic lines.

OF THE KEY OF B \flat MAJOR.

The tonic of this key is B \flat , which, by counting *upwards*, will be found to be a fourth above F \sharp , our last key note. Commencing with B \flat , for our tonic, and looking for the semitones between the third and fourth, and between the seventh and eighth, we find that, to bring the first semitone to its proper place, we must reduce the fourth note in the scale, half a tone, making it E \flat , synonymous with D \sharp . The second semitone will be found in its proper place; and this gives us, therefore, two flats for our signature, viz: B and E. The scale will then read as follows, the E \flat being fingered as D \sharp .

SCALE OF B \flat MAJOR.

E \flat below, is produced with all the finger holes closed, and this may be also, with great convenience, as the note can then be forced, and not be too sharp.



This note may be considered as almost useless, few flutes being capable of producing the tone. It is given for form's sake.



LESSONS IN THE KEY OF B \flat MAJOR.

GERMAN AIR.

Dittersdorf.

* If the pupil have a flute with the long F key, it may be proper, here, to remark, that it is intended to facilitate the execution of certain passages in this and the succeeding keys. It is used in the place of the short F natural key, (being raised by the little finger of the left hand,) and it enables the performer to glide from E flat to F natural, without any intermediate note, as the third finger of the right hand and long key, may be raised *simultaneously*. This cannot be done while using the short key.

PORTUGUESE AIR.

Allegretto.

Musical notation for the first system of the Portuguese Air, featuring a treble clef, a key signature of one flat (B-flat), and a 2/4 time signature. The melody is marked with accents and dynamic markings.

Musical notation for the second system of the Portuguese Air, continuing the melody with various articulations and dynamics.

LOOK FROM THY LATTICE, LOVE.

Amoroso.

Musical notation for the first system of 'Look from thy Lattice, Love', in a 3/4 time signature with a key signature of one flat. The tempo is marked 'Amoroso'.

Musical notation for the second system of 'Look from thy Lattice, Love', ending with a 'Lento.' marking.

CORINTHIAN WALTZ.

Musical notation for the first system of the Corinthian Waltz, in a 3/8 time signature with a key signature of one flat. It includes first and second endings.

Musical notation for the second system of the Corinthian Waltz, also featuring first and second endings.

Musical notation for the third system of the Corinthian Waltz, concluding the piece.

OF THE KEY OF E \flat MAJOR.

The tonic of this key is E \flat , which, by counting *upwards*, will be found to be a fourth above B \flat , our last key note. Commencing with the lower E \flat for our tonic, and looking for our semitones between the third and fourth, and between the seventh and eighth, we find that, to bring the *first* semitone to its proper place, we must reduce the fourth note in the scale, (A,) half a tone, making it A \flat , (which is synonymous with G \sharp .) The second semitone will be found in its proper place, and this gives us, therefore, *three flats* for our signature, viz: B, E, and A. The scale will then read as follows, the A \flat being fingered as G \sharp .

SCALE OF E \flat MAJOR.

Musical notation for the scale of E-flat major, showing the intervals between notes: tone, tone, semitone, tone, tone, tone, semitone. A note with a flat sign is shown below the staff.

* A flat, and its octaves, are fingered as G sharp.

LESSONS IN THE KEY OF E \flat MAJOR.

EXERCISE.

Musical notation for an exercise in the key of E-flat major, featuring a treble clef, a key signature of two flats (B-flat and E-flat), and a 2/4 time signature. The exercise includes various rhythmic patterns and articulations.

ALICE GRAY.

Musical notation for 'ALICE GRAY' in 2/4 time, key of B-flat major. The piece consists of three staves of music. The first staff begins with a treble clef, a key signature of two flats, and a 2/4 time signature. The melody is characterized by eighth and sixteenth notes, with some triplet markings. The second and third staves continue the melodic line, ending with a double bar line.

POST HORN WALTZ.

Musical notation for 'POST HORN WALTZ' in 3/4 time, key of B-flat major. The piece consists of two staves of music. The first staff begins with a treble clef, a key signature of two flats, and a 3/4 time signature. The melody features a mix of quarter and eighth notes. The second staff continues the piece, ending with a double bar line.

OH NO, WE NEVER MENTION HER.

Musical notation for 'OH NO, WE NEVER MENTION HER' in 2/4 time, key of B-flat major. The piece consists of two staves of music. The first staff begins with a treble clef, a key signature of two flats, and a 2/4 time signature. The melody is composed of eighth and sixteenth notes. The second staff continues the piece, ending with a double bar line.

HE NEVER SAID HE LOVED,

Musical notation for 'HE NEVER SAID HE LOVED' in 2/4 time, key of B-flat major. The piece consists of three staves of music. The first staff begins with a treble clef, a key signature of two flats, and a 2/4 time signature. The melody is primarily eighth notes. The second and third staves continue the piece, with the third staff featuring a triplet and an 'ad lib.' marking above it. The piece ends with a double bar line.

NICKOLSON'S CELEBRATED WALTZ.

Musical notation for 'NICKOLSON'S CELEBRATED WALTZ' in 3/8 time, key of B-flat major. The piece consists of two staves of music. The first staff begins with a treble clef, a key signature of two flats, and a 3/8 time signature. The tempo/mood is marked 'Allegretto—Dolce'. The melody is composed of eighth and sixteenth notes. The second staff continues the piece, ending with a double bar line.

OF THE KEY OF A♭ MAJOR.

A♭, which is the tonic of this key, is a fourth above E♭, our last tonic. Commencing with A♭, and making the usual calculation for the place of the semitones, we must now make the D flat, to bring the first semitone between the 3d and 4th. The second is already in its place. The signature will now be four flats, viz: B, E, A, and D; and the scale will read thus:

SCALE OF A♭ MAJOR.

The scale of A-flat major is shown on a single treble clef staff. The notes are A♭, B♭, C, D♭, E♭, F, G, A♭. Above the staff, intervals are labeled: 'tone' between A♭ and B♭, 'tone' between B♭ and C, 'semitone' between C and D♭, 'tone' between D♭ and E♭, 'tone' between E♭ and F, 'tone' between F and G, and 'semitone' between G and A♭. Below the staff, two vertical diagrams show fingerings for the right hand. The first diagram shows fingers 1, 2, 3, 4, 5 for notes A♭, B♭, C, D♭, E♭. The second diagram shows fingers 1, 2, 3, 4, 5 for notes F, G, A♭, B♭, C. Both diagrams have a '6' at the bottom, indicating the sixth finger is used for the final A♭.

D♭ is commonly considered as synonymous with C♯; but this is in fact erroneous, as the C♯, (fingered with the long C♯ key, as in the key of D major,) is sharper than D♭. There is no alternative for the lower D♭ but to finger it with the long C♯ key, as C sharp.

LESSONS IN THE KEY OF A♭ MAJOR.

EXERCISE.

A musical exercise in A-flat major, 6/8 time. The key signature has four flats (B♭, E♭, A♭, D♭). The exercise consists of a single melodic line with various rhythmic patterns and slurs.

THE BANKS OF ALLAN WATER.

Two staves of music for 'The Banks of Allan Water'. The first staff is marked 'Largo espressivo' and has a 3/4 time signature. The second staff is marked 'ad libitum' and has a 3/4 time signature. Both staves feature a melodic line with slurs and trills.

HOME, SWEET HOME.

Three staves of music for 'Home, Sweet Home'. The first staff is marked 'Andante P.' and has a 2/4 time signature. The second and third staves continue the piece. The music includes slurs, accents, and a triplet in the third staff.

OPT IN THE STILLY NIGHT.

Piano. Fine.

D. C.

Detailed description: This block contains two staves of musical notation for the piece 'Opt in the Stilly Night'. The first staff begins with a treble clef, a key signature of five flats (B-flat, E-flat, A-flat, D-flat, G-flat), and a 2/4 time signature. The music consists of a series of eighth and sixteenth notes, ending with a 'Fine' marking and a piano (P) dynamic. The second staff continues the melody, ending with a 'D. C.' (Da Capo) instruction.

THE MAID OF LANGOLEN.

Moderato. ad libitum.

Detailed description: This block contains two staves of musical notation for the piece 'The Maid of Langolen'. The first staff begins with a treble clef, a key signature of five flats, and a common time (C) signature. The music features a mix of eighth and sixteenth notes. The second staff concludes the piece with an 'ad libitum' marking.

OF THE KEY OF D \flat MAJOR.

D \flat , the tonic of this key, is a fourth above A \flat , our last key note. Commencing with D \flat , and following the rule for the place of the two semitones in the major mode, we find it now necessary to add another flat to the signature, to bring the *first* semitone to its place, between the 3d and 4th. The fourth note from D \flat being G, we must reduce it half a tone, and make it G \flat . Our signature will then be five flats, viz: B, E, A, D, and G. This key is the same, in substance, as the key of C \sharp , or seven sharps; and by calling the tonic C \sharp , instead of D \flat , and all the other notes in the scale, by the sharps corresponding to the flats in the following scale, (*as if situated half a degree lower on the stave,*) the parallel will readily be seen. The scale of D \flat major, reads thus:

SCALE OF D \flat MAJOR.

tone tone semitone tone tone tone semitone

G \flat is often considered synonymous with F \sharp , but it is really *flatter* than F \sharp ; and therefore the F and D keys should be closed as here set—for G \flat . The octave is fingered in the same manner.

Detailed description: This block shows the scale of D-flat major on a single staff. The key signature has five flats. Above the staff, intervals are labeled: 'tone' between D \flat and E \flat , 'tone' between E \flat and F \flat , 'semitone' between F \flat and G \flat , 'tone' between G \flat and A \flat , 'tone' between A \flat and B \flat , 'tone' between B \flat and C \flat , and 'semitone' between C \flat and D \flat . Below the staff are two diagrams showing the fingering for the left and right hands. The left hand diagram shows fingers 1-2-3-4-5 for notes D \flat , E \flat , F \flat , G \flat , and A \flat respectively. The right hand diagram shows fingers 5-4-3-2-1 for notes D \flat , E \flat , F \flat , G \flat , and A \flat respectively.

This key is peculiarly beautiful, and expressive of the most tender emotions. Beethoven has selected this key for some of his most sublime thoughts. On the flute, where *harmony* cannot be produced, and the *melody* alone is heard,) this key is plaintive, and descriptive of sorrow.

LESSONS IN THE KEY OF D \flat MAJOR.

ROBIN ADAIR.

Anlante.

Detailed description: This block contains a single staff of musical notation for the piece 'Robin Adair'. It begins with a treble clef, a key signature of five flats, and a 3/4 time signature. The music consists of eighth and sixteenth notes.

Musical notation for 'The Harp that once thro' Tara's Halls.' in G-flat major (three flats). The piece features a treble clef, a common time signature, and various ornaments including trills and triplets. Dynamics include accents (>) and piano (P.P.).

The Harp that once thro' Tara's Halls.

Musical notation for 'Young Ellen Lorraine.' in G-flat major (three flats). The piece is in common time and features a treble clef with various ornaments and dynamics.

YOUNG ELLEN LORRAINE.

Slow and plaintive.

Musical notation for 'Air by Beethoven.' in G-flat major (three flats). The piece is in 6/8 time and features a treble clef with various ornaments and dynamics including piano (P) and piano-piano (P.P.P.).

AIR BY BEETHOVEN.

Slow.

Musical notation for 'Air by Beethoven.' in G-flat major (three flats). The piece is in 3/4 time and features a treble clef with various ornaments and dynamics including accents (>) and trills (tr).

OF THE REMAINING MAJOR KEYS OF SIX AND SEVEN FLATS.

The following scales of six and seven flats, are given below; but as they are seldom used, it is considered sufficient to show their correspondence with the keys of six and five sharps, as explained under those heads. They are respectively situated half a degree higher on the staff, than the corresponding sharp signatures; and by reference to those keys, the similarity will be seen.

SCALE OF G \flat .

SCALE OF C \flat .

Musical notation showing the scales of G-flat and C-flat. The G-flat scale is in G-flat major (three flats) and the C-flat scale is in C-flat major (seven flats). Interval markings above the notes indicate: tone, tone, semitone, tone, tone, tone, semitone for G-flat; and tone, tone, semitone, tone, tone, tone, semitone for C-flat.

OF THE HARMONICAL CIRCLE.

Having now exhibited the whole twelve major scales, we will next show their relation to, and connexion with, each other, by means of the Harmonical Circle. Taking the circle as represented here, and commencing with C natural, (our first key note,) and calculating the intervals between each key note, they will be found to progress by fifths, if we take the left hand; and by fourths, if we take the right hand side, round to C again; always remembering to count upwards from the last tonic; and when, by so counting, you would be carried beyond the staff, exchange such tonic for its octave below, as is done in the circle. For example, from C to G is a fifth: the same from G to D: the same from D to A: A to E: E to B: B to F \sharp : F \sharp to C \sharp : C \sharp (or D \flat), to A \flat : A \flat to E \flat : E \flat to B \flat : B \flat to F: F to C octave.

You may, in the same manner, go round the circle in the *inverse* order, taking the right hand. By this course, the tonics progress by *fourths* instead of *fifths*, as before. The reason of this difference is plain, viz: if you count *upwards*, from F to C, *octave*, is a fifth; but from lower C to F, is only a *fourth*: the same from F to B \flat : B \flat to E \flat : E \flat to A \flat : A \flat to D \flat : D \flat to G \flat : G \flat to C \flat : C \flat , (*which is B,*) to E: E to A: A to D: D to G: G to C *octave*.

THE HARMONICAL CIRCLE OF MAJOR KEYS.



OF TRANSPOSITION.

The subject of transposition is connected with this division of our course of instruction, and deserves attention of all amateurs who would be able to play in concert with other instruments; or who, finding an interesting composition, arranged for other instruments, would wish to transpose it to the compass of the flute, or to some key of a more favorite character than that in which the piece is written.

If it should be desirable, under any such circumstances, to transpose a piece of music—*first* determine to what key you wish to transpose it; next calculate what is the *interval* between the *latter* key note, and the key note of the piece as *now* written; and whether it be a semitone, a whole tone, a third, fourth, or fifth, each note in the piece to be transposed, must be raised or lowered to correspond with that difference between the tonics. For example: If you find a piece set in the key of C natural, and it is so low as to carry you below the compass of the flute, you may wish to transpose it to the key of F natural, and the tonic F being a fourth above C, you must therefore raise every note a fourth, and having prefixed the signature of one flat, your object is accomplished. Or, if you should be playing with a pianoforte accompaniment, where the piano may be a semitone below concert pitch, (which is not unfrequently the case,) and if the composition should be in four flats, which is A \flat , you must play in G; or if in E four sharps, you must play in E \flat , which is three flats. The same rule is applied to any interval.

OF THE HARMONICS.

The Harmonics comprize an *important* branch of information as to the capacity of the flute. They are produced simply by *blowing* any note up to its octave, fifth, double octave, and sometimes to its third above, without changing the fingering of such note. The *tones*, obtained by the use of harmonics, are of the most delicate and refined character, (resembling the Æolian harp,) and this quality has tended to bring them into constant use. Besides this, there are many passages where the use of

harmonics is *indispensable*; but as these different fingerings might have perplexed the mind of the pupil, before he was familiar with the first notes, they have been omitted for the purpose of exhibiting the whole at one view. They now deserve his *undivided* attention, and the occasion for their use must be left to the judgment or convenience of the performer, whenever he can avail himself of them to advantage.

SCALE OF THE HARMONICS.

The image shows two staves of musical notation for a scale of harmonics. The top staff begins with a treble clef and a key signature of one sharp (F#). The notes are arranged in a sequence of groups, each with a vertical bar line below it. Above each group, there are small diagrams of a flute's key mechanism showing fingerings. The bottom staff continues the sequence of notes and fingerings, also with vertical bar lines and fingering diagrams above.

As a Brief and comprehensive example of harmonics, the following air, "Sweet Home," is arranged in the key of C; and by the use of harmonics, it can be performed *without once moving the left hand*. The fingering is given below in *small* notes, except where the note may be blown as written above, and then no harmonic note is placed under it. This is given merely as an *example*, not to say that it is the *best* mode of playing the whole piece, but simply as a curious specimen of their use, and for practice.

SWEET HOME.

The image shows two staves of musical notation for the piece "Sweet Home". The top staff starts with a treble clef, a key signature of one sharp (F#), and a 3/8 time signature. It contains several measures of music with notes, rests, and trills (marked 'tr'). The bottom staff continues the piece with similar notation, including notes, rests, and trills. The piece concludes with a double bar line.

The use of harmonics will be found to facilitate the execution of passages similar to the foregoing, and the pupil is *strongly* recommended to study them attentively. From the specimen given above, the pupil will see what *can* be done by their use; and whenever a difficult passage occurs, he may depend on the harmonics to help him out of the difficulty. As the harmonics depend on the management of the embouchure, and not on the fingering, those with the greatest power in their lips will succeed better with the harmonics than those whose embouchure is weak.

OF DOUBLE TONGUEING.

Double tonguing is considered an *essential* in the art of flute playing, and many passages cannot well be executed without resorting to this method of performing them. It is true, there are some who profess to play the most difficult and rapid music, by *tipping* every note; but the instances are very rare. The execution by *tipping*, is very difficult to perform *perfectly*; and double tonguing is almost universally the method most approved.

Double tonguing is performed by the repetition of the syllables "*too-tle, too-tle*," into the flute, while the notes are simultaneously fingered. The passages which require double tonguing, are similar to the examples given below; but the principal difficulty is, to articulate the *last* syllable as perfectly as the *first*, and that the two should be exactly equal in time and strength. To acquire this perfectly, will take much time and *diligent practice*. At first the pupil should confine himself to the *slowest* movement; and by practice and perseverance, he will gradually be able to increase the time, until he can execute the most rapid passages. The usual marks directing that a passage should be double tongued, are these:  but in writing music, they are frequently omitted, leaving it to the performer's judgment, to decide how the passage is to be played.

PORTUGUESE AIR—Variation 2d.

• This character is used to denote the repetition of any marks of expression: in the above example, it directs all the piece to be double tongued, as marked in the first measure.

SICILIAN AIR—Variation.

≡ This character serves as an ABBREVIATION; and is used when any musical phrase is to be repeated in the same measure, or for any number of measures.

OF EMBELLISHMENTS.

This subject, so full of variety, and of so much importance to the proper display of the beauties of the flute, is one which is liable to much abuse; and in the hands of illiterate musicians, fully exemplifies the adage, that "there is but one step from the sublime to the ridiculous." As music *for the flute* is now written, almost every measure has its respective marks: such as *DOLCE*, *STACCATO*, *MARCATO*, *LEGATO*, *CRESCENDO*, *DIMINUENDO*, *FORZANDO*, and *REINFORZANDO*, or *EMPHASIS*; the *GLIDE* or *PORTAMENTO*; the *TRILL* or *SHAKE*, *VIBRATIONS*, *simple* and *inverted* *TURNS*, *APPOGIATURAS*, *PIANO* and *FORTE*, &c. &c. If careful attention is paid to these, the performer cannot fail to give a proper expression to any composition.† Some of these graces have been so aptly illustrated in "GARDNER'S MUSIC OF NATURE," that we cannot do justice to the subject better than by giving the author's own words, *so far as they may be applied to the flute*.

DOLCE. "This term expresses the quality of *tone* which the passage, over which it is written, requires. It should be, as the term implies, *soft*, *smooth*, and *delicate*. When this term is applied to instrumental music, it is generally to those *morceaux* of melody peculiarly adapted to the voice, and the performer cannot express them better than by taking the vocal tones as his model."

STACCATO. "This term implies, that the note should be struck in a *short* and *pointed* manner; it is expressed by a dash, as written in the example here given, and is usually applied to forcible passages. In all works on the flute, this mode of striking the note is called "*tipping*."

MARCATO. "This term is expressed by a spot put over the head of the note, as in the last example, implying that the notes should be struck short, or *spotted* in a more light and tender manner, aiming at neatness rather than brevity." The effect is produced, on the flute, by tonguing each note separately, with delicate distinctness, while the *sound*, or *tone*, is *sustained* through the *whole*, without interruption, as is indicated by the *bind* over the whole passage.

LEGATO. This expression is the very opposite of the two last foregoing: It implies that the notes should be performed in a *close gliding* manner, holding each note smoothly, until the next is struck: Its character is a circumflex, or curve, as in the last example.

* This passage is to be played in a legato or gliding movement, and is distinguished from the passages to be double tongued, by the omission of the staccato marks under the bind.

† Passages similar to the above, can only be well performed by the use of the harmonics.

‡ Though some of these may not be considered strictly embellishments, it has been thought proper to bring them all under one head, for the purpose of showing their respective importance. Another object has been, to preserve the pupil's mind free, to study the rudiments, unembarrassed by these various and diversified marks of expression.

CRESCENDO and DIMINUENDO. “There is no accomplishment in the art of singing more fascinating than the swelling and dying away of the voice. When used with judgment, it never fails to delight us.” The same may be said of the effect of this grace in instrumental performances. They are found separately and combined. A *Diminuendo*, on the flute, may be executed with such delicacy, that it is almost impossible to say *when* the tone ceases altogether. They differ in their *application* from *Forzando* and *Reinforzando*, though similar in *form*. Crescendo and Diminuendo, are applied to any *passage*, or *number* of notes; while *Forzando* and *Reinforzando*; are applied to a *particular* note. These latter, also, differ from *accent*, as properly understood, though we have seen them represented as the same in effect. (See article on accent.)

SFORZANDO, FORZANDO: or *sf—fz*, or $>$ “The striking effect, produced by a proper attention to these marks of emphasis, forms a strong feature in the character of modern music. It may be described as a forcible expression of sound, which is no sooner uttered than it drops into the utmost degree of softness.” It is produced, by suddenly forcing the breath, (by tonguing,) into the flute, on the note so marked, and allowing the sound to subside, in a great measure, on the next note.

RINFORZANDO, REINFORZANDO—*rf*, or $<$ “Is the opposite effect. It is the sudden increase of sound from that of softness to loudness, and is expressed by the character *last* above.” These two latter marks of *emphasis* are of continual occurrence in modern compositions, and especially in arrangements for the flute. They cannot be neglected without destroying the effect intended to be produced by the composer.

GLIDE or GLIDING. “This is a grace of much simplicity and beauty, evidently drawn from nature. It expresses the most tender and affectionate emotions. The effect is produced by a gradual raising from any given tone to a higher, in *one unbroken stream* of sound.” On the flute, it is effected by gently *sliding* the finger *forward*, from over the hole, instead of raising it off the hole at once. “The descending grace is exactly similar, but in opposite progression.” When used with discretion, it adds much to the force of expression; but when employed on all occasions, it becomes mawkish and disgusting. It is left to the taste and good judgment of the performer to select proper occasions for the use of this embellishment.

TRILL or SHAKE, *tr*. “This embellishment is the most refined of all the graces. It is rather ornamental than graceful, and its application to melody, is like the use of brilliants in dress, to adorn that which would otherwise appear flat and vulgar.” The shake consists of the alternate repetition of two notes, commencing with the one *above* the note marked “tr,” at first slow, and gradually increasing in rapidity of motion to the utmost degree, as is written in the example before us.

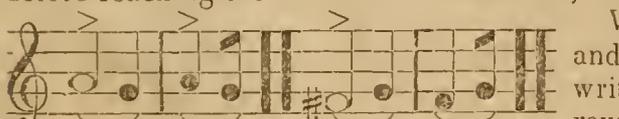
The Shake is written thus:  and played thus: 

The shake differs from a *Beat*; which latter alternates the *semitone below*, and is not considered a grace of so much refinement as the regular shake. Great variety may be given to the shake, by combining the *forzando*, *crescendo*, or *diminuendo*.*

VIBRATIONS. This embellishment is one of great beauty, and in a *large* room, produces, at times, the most powerful effect. It was a favorite grace of the late Mr. Nicholson, and was compared, by him, to a waving line, continually decreasing in its curves, until it vanishes quite away. When a pause occurs on a note, so that it may be held beyond its given time, at the discretion of the performer, the vibration, *on that note*, may be introduced with great effect. It is *not* produced like a shake, nor is it intended to vary, essentially, the note, but gives to it a *vibratory* or *tremulous* motion, resembling the protracted tones of a bell, as they are dying away, on the breeze. When the note is *forte* or loud, the vibration must commence *very slow*, and increase its motion as it decreases its power. When the note is struck more delicately, the vibration corresponds in rapidity. We have seen it suggested, that a vibration may be produced by a tremulous motion of the flute; we must differ on this point, and refer the pupil to the scale of vibrations, on a subsequent page. Vibrations are directed by a vibratory line, placed over the note to be so embellished.

CADENZA. “By this term is meant, that extempore flourish upon the instrument, which is introduced at the will of the performer, to exhibit a display of taste or talent.” When this is made the vehicle of new and appropriate effects, and conducted with skill, it may add much to the beauty of a *concerto*; “but when it is reserved for the unpremeditated flights of illiterate musicians, who would fain treat us with their facilities, it too often proves but the mere empty wanderings of ignorance.” The flute is, perhaps, better adapted to give effect to this embellishment, by its sweetest and most delicate tones, than any other instrument; but it not unfrequently happens, that the whole subject is entirely frittered away by the injudicious *constant* use of such flourishes. “Great science is requisite for the introduction of the Cadenza, as the ear is sensible of any deviation from that course which a correct harmony prescribes; and the highest delicacy of style is required in the execution of this embellishment.” No better rule can be given than to study the style of the most approved authors in the cadenzas, which they have introduced in their arrangements of favorite airs.

APPOGIATURA. “This grace is derived from nature,” and is written in smaller notes than the principal subject, as in the example here given. There are two varieties, the use of which depend on the *character* of the subject. When the subject is *joyous* or *active*, we naturally dwell on the tone *above* the one to be embellished. This is called the *superior appoggiatura*. When the subject is *languid* or *sorrowful*, the *semitone below* is dwelt on before reaching the note to be embellished, and we *rise* to it. This is called the *inferior appoggiatura*.

 When used as a cadence at the close of a piece, its duration is more lengthened, and it is then written as in the last example. “Tho’ sometimes the *touch-note* is written in the same way as in the first example: the effect of the touch-note is the reverse of imparting smoothness and flexibility; but it gives force and strength to the note to which it is prefixed, and is struck with such energy that it may be said to be driven into that note;” whereas the appo-

* The long C key, on an eight keyed flute, which reaches from the first finger of the left hand, to the first finger of the right hand, is not intended to make C natural; for there are other more approved methods; but it is intended expressly to shake B where C is natural. This shake is produced by making B natural, and striking the long key with the right hand, which is at liberty. The octave B may be shook in the same manner; and we have also given the octave as the harmonic of E, which is shook with the F natural key, though it is not so easy as the first method; and on some flutes; the second finger of the left hand is to be raised.

LESSONS IN THE MINOR MODE.

CHARLIE IS MY DARLING.

E. minor—Andante.

ROSLIN CASTLE.

F minor—adagio

SICILIANZ ARR.—2nd Variation.

G. Minor.

Andante.

ONCE A KING THERE CHANCED TO BE.

D. Minor. Andantino.

