

Wake ye ye Brethren and sing praise to Gods the King His Name thro every Creature

Let us sing praise to Gods the King His Name thro every Creature

There all the notes of the

Let us sing praise to Gods the King His Name thro every Creature

There all the notes of the

The ground base to be continually sung by the church with the 6 voices

T H E
New-England PSALM-SINGER :
O R,
American CHORISTER.

C O N T A I N I N G
A Number of PSALM-TUNES, ANTHEMS AND CANONS.
In Four and Five Parts.
[*Never before Published.*]

Composed by WILLIAM BILLINGS,
A Native of BOSTON, in *New-England.*

MATTHEW XXI. 16. — *Out of the Mouth of Babes and Sucklings thou hast perfected Praise.*

JAMES V. 13. — *Is any Merry? Let him sing Psalms.*

*O praise the Lord with one Consent, and in this grand Design,
Let Britain and the Colonies, unanimously join.*

BOSTON: *New-England.* Printed by EDES and GILL.

And to be Sold by them at their Printing-Office in Queen-Street; by Deacon Elliot, under Liberty-Tree; by Josiah Flagg, in Fish-Street; by Gillam Bass, the Corner of Ann-Street, and by the Author.

[Price Eight Shillings, L. M.]

P R E F A C E.

ALTHO' this Composition hath cost me much Time and Pains; yet I little thought of exposing it to public View: But being repeatedly importuned by my Friends, I was at last prevailed upon to commit it to the Press. And just as it is now offer it to the Public, from whom, should it meet with a favourable Reception, it would compensate for all the Trouble I have been at, and the Time I have spent in the Prosecution of it. Perhaps there may appear in the Eyes of the Accurate much Incongruities that I was not able to discern; therefore would beg the Critic to be tender, and rectify those Errors which through Inexperience may happen to have escaped the Notice of a Youth, in the Course of so large a Volume.

I would here take Occasion to return my Thanks to those Gentlemen who have put so much Confidence in this Performance, as to promote and encourage it by Subscription, before they could have an Opportunity of examining it. And I would acknowledge myself in a particular Manner obligated to that Gentleman who has honored me and this Book with his learned Philosophical Essay on Sound; yet at the same Time I can't but be sorry that I am not allowed to give the Public the Satisfaction of knowing his Name: For somewhat contrary to Nature, Modesty in this Gentleman, has so far gained the ascendancy over Ambition, that the World must remain deprived of the Knowledge of him, till his Name shall shine on the Page of some future Work.

It would be needless in me to attempt to set forth the Usefulness and Importance of Psalm-singing, which is so universally known and acknowledged, and on which depends no inconsiderable Part of the Divine Worship of our Churches. But thus much would I say, That he who finds himself gifted with a tunable Voice, and yet neglects to cultivate it, not only hides in the Earth a Talent of the highest Value, but robs himself of that peculiar Pleasure, of which they only are conscious who exercise that Faculty.

Authors in general, upon Subjects of this Nature, abound mostly in Tunes of common Metre; but in this Respect, I have deviated from them, endeavouring to have a Sufficiency in each Measure. In the Composition I have been as plain and simple as possible; and yet have tried to the utmost of my Power to preserve the modern Air and Manner of Singing. And should it upon Proof be found equal to the Attempt, I hope it will be as well an Inducement to the unskill'd in the Art to prosecute the Study of it, as an Entertainment to the more experienced in it.

Boston, October 7, 1770.

A D V E R T I S E M E N T.

IF this Work should meet with Encouragement, it may be an Inducement to the Author to publish another Volume, which he has in Possession, consisting chiefly of Anthems, Fuges and Chorus's, of his own Composition.

* I was informed lately by the venerable Perez Morton, late Attorney Genl. that the late Dr. Charles Stockbridge of Scituate was the Author of the Essay on Music.

An ESSAY on the Nature and Properties of SOUND.

MUSIC being nothing but particular Sounds, variously modified, and adapted to please the Ear, perhaps those whose Ears are so constituted, as to delight in it, may not be unentertained with some Observations on the Nature of Sounds in general, more especially such, as are called Musical Tones.—The Doctrine of Sounds, is, in many Respects, the most intricate and perplexed, of any one Branch of natural Philosophy; and has puzzled the greatest Genius's in the Explication of the Phenomena relative thereto. I shall not here attempt to enter into the more abstruse Parts of it, such, as may require Mathematical Calculations in the Investigation of, but consider those Things only, which are of principal Concernment, and at the same Time, not very difficult to comprehend; for, this Essay is designed only to give a general Notion of the Nature and Properties of Sound to those, who have not had the Advantages of a Philosophical Education.—Sound, considered abstractedly as a mere Perception of the Mind, admits not of Definition or Explanation; what is here principally to be considered, are those Circumstances, which must necessarily take Place in Nature, in order to produce in us the Idea of Sound.—It appears very evident from Experiments, that Sound, has a necessary dependence on the Air; for, in Places, from whence the Air is extracted, as in an exhausted Receiver, the most sonorous Bodies emit no Sound at all. The Air, therefore, may be considered, as the Subject, or Medium of Sound, without which, we never should have the Perception of it. And, as the Air, is a Fluid whose Particles are specifically extremely light, and indued with the Property of Elasticity in a great Degree, it follows, that they make but a small Resistance, and are easily put into Motion by any impress'd Force; which Motion of the Air, will ever correspond with, and partake of, the same Kind, of the Motion of the moving Power. When, therefore, the Parts of an elastic Body by Percussion, are put into a tremulous, vibrating Motion (which Kind of Motion is natural to all elastic Bodies in recovering their natural State, after an impressing Force ceases to act) those tremulous Motions, communicate correspondent Vibrations, to the contiguous Particles of Air, they to others, and so on, till having arrived at a certain Distance from the tremulous Body, the Vibrations cease: being gradually destroyed, by a continual successive Propagation of Motion, to fresh Particles of Air, throughout the Progress.—A steady uniform Current of Air such as produces Wind, however strong, will not occasion Sound; but it is necessary there should be a tremulous, or reciprocal vibratory Motion, and that to a certain Degree of Quickness, in order to produce an audible Tone. This Matter will be best conceived of, by instancing in the Vibrations of a Musical Chord. When an elastic Chord or String sufficiently stretched, is pulled out of its rectilinear Situation by a Force applied; and then left to recover its natural State by its Power of Elasticity, it will produce a Number of Vibrations; that is it will pass and repass a Number of Times across the Line which it occupies in its quietest State. These Vibrations, though they become shorter and shorter till the Chord is at perfect Rest, are all made in equal Times; that is, the first or longest Vibration, takes up no more Time than the last or shortest. Now, it must appear very evident, that the contiguous Particles of Air, being compelled to move forward by the first Impulse of the Chord in its first Vibration, propel those next to them, and these, others again, and so on to a considerable Distance according to the Intensity of the propulsive Force. But when the Chord makes the second Part of the Vibration, by returning back again, the Particles of Air also, by their repulsive Power, repel each other toward their proper Places, and thus again expand themselves; and thus

thus there will be a continual Condensation and Expansion of the Air, at every compleat Vibration of the Chord. Whence it will appear evident, that there must be the same Number of Tremors or Vibrations of the Air, that the sonorous Body makes. These reciprocal Tremors of the Air, made by the Vibrations of an elastic Body, succeed each other in an undulatory or wave-like Manner, analogous to Waves generated in the Surface of Ragnant Water by an impressed Force, and spread themselves around in every Direction, in concentric Spheres, whose Centre is the sonorous Body. And it frequently happens, that in their Progress from the sounding Body which is their Centre, that they meet with various resisting Objects, upon which they are impinged, which will reflect them back, and so cause new Vibrations of the same Kind the contrary Way. If the resisting Object is a little more than 500 Feet distant, the reflected Sound will be distinctly heard, because it will take up near a second of Time in its Access and Recess. But if the Distance be much less, the reflected Sound will so nearly coincide with the original as not to be distinguished from it. This may be observed in Churches where, though the Voice of the Speaker suffers a vast Number of Reflections from the Roof, Floor, and Walls, yet they so mix themselves together with the original Voice, as not to be distinguished from it, but only render it stronger. These reflected Sounds constitute what is called an *Echo*; and the greater the Distance of the reflecting Object, the longer in Proportion to that Distance will the Time be, before the Repetition of the Sound will be heard: And when the Sound in its Progress meets with Objects at different Distances sufficient to produce an *Echo*, the same Sound will be repeated several Times successively, according to the different Distances of these Objects from the sounding Body; which makes what is called a repeated *Echo*. Sound is subject to the same Laws in its Reflection, that Light and Heat are, the Angle of Reflection in both Cases, being the same as the Angle of Incidence; and therefore it is easy to determine where the *Echo* will be most distinctly heard when the Figure of the reflecting Surface, and the Situation of the sounding Body are known.—If Sound is impressed upon a Column of Air, contained in a long narrow, but diverging Tube such as the common Speaking Trumpet, it will be continually reflected and reverberated from the curved Sides, into the Axis, where by it becomes more intense at its Exit, and will consequently be much louder, and be heard at a much greater Distance than otherwise it wou'd be. So likewise if the narrow End be applied to the Ear, and the broad End directed towards the Body which emits the Sound, the sonorous Rays (as they may be called) will be collected, converged, and strike the Drum of the Ear with greater Force, in Proportion, as the Diameter of the broad End, is greater than the narrow.—The Velocity of the aerial Waves, or of Sound, is equible and uniform, and *ceteris paribus*, will pass over Spaces proportional to the Times; that is, double the Space, in double the Time, and so on. Adverse or conspiring Winds make but a small Difference in the Velocity of Sounds, (tho' very considerable in their Loudness) too small to be distinguished in several Miles, tho' in great Distances the Difference is sensible. All Sounds, proceeding from whatever sonorous Bodies, whether intense or weak, grave or acute, move with the same Degree of Velocity, which is at the Rate of 1142 Feet per Second, or nearly a Mile in $\frac{1}{4}$ Seconds. The Distance to which Sounds may be heard depends upon many concurring Circumstances, viz. First, the Intensity of the Stroke made on the tremulous Body emitting the Sound; for, the greater the Stroke is, the greater will be the Agitation of the Particles of the sonorous Body, and consequently the greater will be the Force with which they will impress the contiguous Particles of Air; and the greater the Force is impressed upon Air, the more closely will it be condensed, and with greater Violence expanded; hence the greater will be the Stroke at any given Distance on the Drum of the Ear, and consequently the greater will be the Distance at which the Agitation

Agitation of the Air, will be sensible. Secondly, the Density of the Air; for the more dense the Air is, the louder will the Sound be from the same Cause; and, as the Loudness of the Sound depends upon the Magnitude of the Force impressed upon the Air, by the tremulous Body, it follows, that the more dense the Air is, the greater will be the Force impressed upon the Air, by a tremulous Body agitated with the same Degree of Violence, and consequently the Sound will be heard at a greater Distance. Thirdly, conspiring Winds; for as the Particles of Air contiguous to the sonorous Body, receive a certain Quantity of Motion at each Vibration of the Body, they communicate Motion to those next them, they to others, and so on successively; but, as the circular Waves continually increase in their Surface as they depart from the Center, they must consequently communicate Motion to larger Portions of Air, so that the Force not the Velocity of their Motions must constantly decrease, till finally it will be so far lost, as not to be perceptible to the Ear; this takes place in a perfect Calm: But when a current of Air conspires with this undulatory Motion, it meets with less Resistance, and consequently will have the same Force, and be audible at a greater Distance. There are numerous Experiments by which it has been found, that Sound is audible, Sixty or Eighty Miles: And in the Fight between England and Holland A. D. 1662, the Report of the Cannon was heard at the Distance of 200 Miles.

In order the more effectually to comprehend the Nature of Sound, and conceive of the Manner in which that Perception is excited in the Mind, it will be necessary to have some Knowledge of the Mechanism of the Ear, which, of all the Organs of Sense is the most wonderful and complex. I shall not here attempt an exact anatomical Description of the Ear, but consider it so far only, as may be necessary in some Degree to ascertain the Modus of Hearing.—The external Part of the Ear, or that which is without the Head, is most curiously contrived to collect the sonorous Rays (in like Manner as a concave Mirror collects the Rays of the Sun) which meet in a *Focus* at the Entrance of the *Meatus auditorius*, or Passage which leads directly into the Head to the internal Ear, by which means the most obscure Sounds may be rendered audible. The *Meatus auditorius* is a Tube composed partly of Cartilage, partly of Bone, lined with a smooth nervous Membrane defended with a viscid Water and Wax; whence, it is extremely well adapted to convey Sounds from without, inward without corrupting them. In its Course inward, it proceeds not in a straight Line, but first ascends, then descends, then ascends again in a serpentine Manner till it terminates in the Membrane of the *Tympanum*, or Drum of the Ear; which winding Course, by increasing its Length, serves to increase the Number of Reflections, and Loudness of the Sounds. At the End of the *Meatus auditorius*, there is a fine nervous Membrane spread across, called the *Membrana Tympani*, or Membrane of the *Tympanum*; upon the Center of which, the tremulous Concussions of the Air, after various Reflections and Reverberations through the *Meatus auditorius*, are impinged. Under this Membrane, is the Cavity of the *Tympanum*, which contains a Portion of common Air, but has no natural Communication with the external Ear; there is a Tube which leads from thence, into the Mouth behind the Tonsils; by means of which, the Air from the *Tympanum*, may be expelled, or fresh Air admitted. Under the Membrane of the *Tympanum*, there is a Nerve extended across, in like Manner that Chords are extended across the Parchment of the Bottom of a Drum. The Membrane of the *Tympanum*, is furnished with proper Muscles, by means of which, it may be strained or relaxed, according to the variety of Sounds, that it may be capable of coming into Unison, or correspond Harmonically, to all Sounds; otherwise, it would be affected with only one Sound, namely, that, with which, it was in Concord. There are in the Labyrinth of the Ear, four little Bones furnished with proper Muscles, very useful in the Operation of Hearing. These are called the

the *Malleus*, the *Incus*, the *Os Orbiculare*, and the *Stapes*. The Membrane of the *Tympanum* is connected with the Handle of the *Malleus*, which is articulated with the *Incus*; the *Incus* is connected with the *Os Orbiculare*, and *Stapes*; which last, by Means of a Membrane, adheres to the *Fenestra Ovalis*. The *Fenestra Ovalis*, is an opening into another Cavity of the Ear, called the *Vestibulum*; the lesser Part of which, communicates with the superior Part of the *Cochlea*. The *Cochlea*, is a hollow spiral Body, containing two Circumvolutions and an halt, in order to increase its Length; the Necessity of which, will, by and by be perceived, in its Use; it is the inmost Cavity of the Ear, and properly the Place, where Sounds are the most distinctly impressed upon the auditory Nerve. The auditory Nerve, enters into the *Vestibulum* by several little Holes, and forms a curious Lining all over the inside Surface of it. These Nerves also pass into the *Cochlea*; and branch themselves out into an exquisite Membranous Expansion on each Side of the same, which thus becomes the more immediate Organ of Hearing. The Cavity of the *Vestibulum* is always filled with an elastic Air, tho' there appears no visible Way by which it can enter.

Having thus premised a Description of the Organ of Hearing, we shall better conceive the Nature of, and the Manner in which, Sounds are excited in the Mind. When the Air is put into a tremulous Motion by the Vibrations of a sonorous Body, the sonorous Rays are collected by the external Ear, and concentered into a Focus, at the Entrance of the *Meatus auditorius*, where they are condensed by various Reflections through that Passage, to their Incidence on the *Membrana Tympani*; which, being actuated by its proper Muscles for that Purpose, is rendered more or less lax or tense, as the Tone of the Sound is more or less acute or grave, and thus be fitly adapted to vibrate in Correspondence with the vibrating Body. This Membrane being connected with the *Malleus*, will excite that into harmonical Tremors; and the *Incus* being connected with the *Malleus*, must be agitated in the same Manner, and communicate the like Tremors to the *Os Orbiculare*, and *Stapes*; and the Membrane which shuts the *Fenestra Ovalis*, being contiguous to the *Stapes*, must suffer the like Agitations, which will be communicated to the elastic Air in the *Vestibulum*, and *Cochlea*, and consequently to the auditory Nerve itself. The Membrane which shuts the *Fenestra Ovalis*, by a curious Apparatus of the Parts, in like Manner as the Membrane of the *Tympanum*, may be intended, or remitted, in a vast Variety of Degrees, so as to be adapted for every Sort and Degree of Sound; and for communicating them to the internal Air, which affects the Nerves expanded over the internal Surface of the *Vestibulum* and *Cochlea*, with similar and corresponding Tremors. There is something extremely curious in the Expansion of the Nerves over the spiral Fabric of the *Cochlea*; for they are contrived, like so many Strings of an Harpsichord, of various decreasing Lengths, and different Octaves, that so, some or other of them, may be of a proper Length to be in Concord with the sounding Body, and to tremble with the same Vibration; which, by the Continuation of the Nerves, are conveyed to the common Sensory in the Brain, where the Mind perceives, and distinguishes the infinite Differences of harmonious and discording Tones. Having treated thus far of the Nature of Sounds in general, the Organ of Hearing, and the Manner in which Sounds are impressed upon that Organ, I shall now add some few Observations on those particular Sounds, called harmonious or musical Tones.

When

* The Nerves are cylindrical, whitish Fibres originating in the Brain, and running from thence to every Part of the Body capable of Sensation. They are the immediate Instruments of Sensation, Motion, and Nutrition of the several Parts of the whole human Fabric. It is by means of the Nerves that we see, hear, taste, smell and feel, and if they are suspended in their Origin, all the animal Functions immediately cease, and Death ensues. They may, therefore, properly be called the immediate Organs of Perception.

When the Air is uniformly agitated by an homogeneous elastic Body for a Length of Time sufficient to gain the Attention, it constitutes a musical Tone or Sound, which will be either acute or grave in Proportion to the Number of Vibrations performed in a given Time. The quicker the Succession of the Vibrations is, the more acute is the Tone and *à contra*. But these reciprocal Tremors of the Air must be to a certain determinate Degree of Quickness in order to produce Sound. For if there are fewer than five or six Hundred in the Space of a Second of Time, they will not produce Sound to a human Ear; about that Number being the gravest audible Tone; and on the other Hand, if more than six or seven Thousand, succeed each other in the same Space of Time, no Sound will be produced in us; because, corresponding Tremors, or Vibrations, in the Organ of Hearing, cannot take Place. All Sounds, from the loudest to the lowest, which proceed from the Vibrations of the same Body, are of the same Tone; the Magnitude of the Stroke, upon the sonorous Body, though it increases the Loudness of the Sound, yet adds not to the Acuteness of it, because, the Vibrations are made in equal Times, and the Times of the Vibrations, are what constitute the Acuteness or Gravity of the Sound. Therefore, all sonorous Bodies of whatever Kind, or Nature, which produce an equal Number of Vibrations in the same Time, will yield one and the same Tone called an *Unison*, which is the most perfect Concord. In this Case, the Number of Vibrations, though performed by a Variety of Bodies perfectly coinciding, the Air will be uniformly agitated, and affect the Ear with a simple Sound, increased only in Loudness by the Number of sonorous Bodies. In Truth and Fact, this is very generally the Case with what we call simple Sounds; for let any Sound be made, either with the Voice, or any sonorous Body, every other sonorous Body near it, and in Unison with it, that is, such as perform an equal Number of Vibrations in the same Time, will be thereby made to Sound. For the Vibrations of the Air, which correspond to the Tremors of the first sounding Body, agreeing exactly in Point of Time, with those, which are capable of being given to the other Body in Unison with it, when they have, by their Impulse communicated a small Degree of Motion to it, will, by conspiring with it, as it moves backwards and forwards, continually increase its Motion, till it becomes sensible. So that the greater Number of sonorous Bodies there are in Unison with the first sounding Body, and near enough to be sensibly affected with its Tremors, the louder will the Sound be; and will seem to the Ear, to be a simple unmixt Sound. And, not only those Bodies, which are in Unison with the first sounding Body, but Bodies which naturally yield a Tone an *Octave*, *Fifth*, or *Third*, greater or lesser, more grave or acute than the first sounding Body, will be made to tremble and yield their natural Tone in Concord with the first, though not in equal Degree with a perfect *Unison*. But, when sonorous Bodies are in Discord with each other, that is, when their Vibrations are not performed in equal Times, or in *Octave*, *Fifth*, or *Third*, greater or lesser, the Reverse of this will take Place. For, though the first Vibration of one, may give Motion to the rest, yet as they are unequal in the Times of their Vibrations, and not within the Reach of concurring Vibrations, there will be a crossing of Motions more or less according to the Inequality; by reason of which, the Motions of the untouched Bodies, will be so checked, as never to be sensible. With respect to two Musical Chords of the same Species of Matter, stretched with the same Degree of Force, and of the same Magnitude, but one double the Length of the other, it may be observed, that the longer naturally yields a Tone one *Octave* lower than the shorter; by reason of its making but half the Number of Vibrations in the same Time, but if the shorter be made to sound, the two Extremes of the longer, if within a proper Distance, will each sound an Unison with it, while the middle Point remain at Rest. So likewise, if one be thrice the Length of the other, and under the

the same Circumstances, beforementioned, if the shorter be made to vibrate, the other will be divided into three Parts, each of which will sound an Unison with the shorter, and the two Points between those Parts, will remain at Rest. And unless this was to take Place, that Chord which vibrates twice, while the other once, must necessarily interfere with it at every second Vibration; and that which vibrates thrice, while the other once, wou'd interfere with it at every third; so that it would not be put into a sufficient Motion to produce Sound. But, when it is divided by the quiescent Points, it becomes so many Chords at Unison with the former, each of which easily receives its Vibrations from thence. Thus we have attained the Idea of a most perfect Concord, called an *Unison*, which is no more than an exact Correspondence of the Vibrations of sonorous Bodies, respecting Time; for the Ground and Reason of Concordance among Musical Sounds, is, the Coincidences of the Vibrations of sonorous Bodies. The next most perfect Concord, is what is called the *Octave*, and differs from an *Unison* in this, that in two Musical Chords or Strings, the one of which yields a Tone an *Octave* more acute than the other, it performs double the Number of Vibrations in the same Time; whereas in an *Unison*, the same Number is performed in the same Time. An *Octave* comes the nearest to an *Unison*, of any possible Sound in Nature; and therefore is called the next most perfect Concord; because the more acute *Octave*, makes precisely two Vibrations while the more grave or deep one, makes one; consequently there is a Coincidence at every Vibration of the grave, and at every other of the acute. Hence *Unison* and *Octave*, by reason of their near Resemblance, have been mistaken for one and the same Sound. When the Times of the Vibrations of two Musical Chords, are as two to three, the Coincidence will be at every third Vibration of the quickest; which is therefore in the next Degree of Perfection, and called a *Fifth*. If the Times of the Vibrations, are, as three to four, the Coincidence will be at every fourth of the lesser; and this is called a *Fourth*. But this, and the two next which follow in order, viz. four to five, and five to six, which make the *Third greater* and *Third lesser*, are not so pleasant and agreeable to the judicious Ear; and are therefore called imperfect Concords. If the Coincidences become less frequent than these, the Consonance is intolerable to a Musical Ear, and constitutes what is called *Discord*. The Difference, therefore, between Concord and Discord among Sounds, seems to arise, from the different Proportions of the Vibrations of sonorous Bodies; that is, from the frequency of the Coincidences of their Vibrations. The more frequent the Vibrations of two Musical Chords coincide, the more perfect the Concord, and the more agreeable to the Ear, is the compound Sound; and, *vice versa*. But, the essential Difference between Concord and Discord; that is, the Reason why the one should be agreeable, the other disagreeable, seems to be beyond the Reach of natural Philosophy to account for. There does not appear any natural Aptitude in the two Sounds of a Concord, to give a pleasing Sensation, more than in two of a Discord; this must be resolved into the Divine Will, which, has thought proper to impress us, with pleasing or displeasing Perceptions, from those particular Circumstances of Sound. We know from Experience, what Proportion of Vibrations are pleasing, and what not; and, we know likewise how to express their Difference by the Proportion of Numbers. We know *what* is pleasing, tho' we do not know *why*; for Instance, we know that the Ratios of one to two which we call an *Octave*, constitute a Concord, and six to seven a Discord; but on what original System, pleasing or displeasing Ideas, are connected with those Relations, seems to be above the Reach of our Faculties to determine.

The following Ratios, or Comparisons, of the Lengths of Chords, of the same Diameters, and stretched with equal Forces will be Concords, viz. 2 to 1, 3 to 2, 4 to 3, 5 to 4, 6 to 5, 5 to 3, and 8 to 5; that is, by taking any Chord for a Fundamental, represented by 1, the following Divisions thereof will be all Concords with the whole; as 1 1/2

I will here subjoin a Table of all the Concords, between the *Unison* and the *Octave*; expressing the Ratio's or Comparisons of the Lengths of the Chords, and their Vibrations, the Frequency of their Coincidences with the fundamental or gravest Tone, Names expressing their Intervals, and Degrees of Perfection.

Length.	Vibrat.	Coin.	Names.	Degrees of Perfection.
1 to 1	1 to 1	1	Unison.	Most perfect.
6 to 5	5 to 6	5	Third lesser.	Imperfect.
5 to 4	4 to 5	4	Third greater.	Imperfect.
4 to 3	3 to 4	3	Fourth.	Imperfect.
3 to 2	2 to 3	2	Fifth.	Perfect.
8 to 5	5 to 8	5	Sixth lesser.	Imperfect.
5 to 3	3 to 5	3	Sixth greater.	Imperfect.
2 to 1	1 to 2	1	Octave.	Perfect.

This Table wants but little Explanation; take an Example of the *Fifth*; the Length of the Chords forming this Concord, must be as 3 to 2, the Vibrations will be as 2 to 3, the Coincidence of their Vibrations, or slowest vibrating Chord; it is called a *Fifth*, as being the fifth Note from the Fundamental, or Key-Note inclusive; and is the next perfect Concord to an *Octave*; as will readily appear from an Inspection of

the Table. By this Table it will appear, that in Concords the greatest Number of Vibrations of the Fundamental cannot exceed five; that is, there will be no Concord where the Fundamental makes more than five Vibrations to one Coincidence of the acute Term.

Among the many wonderful Effects, which are said to be produced by Musick, none is more extraordinary than that which it has on those, who have been bit by the *Tarantula*. As there is something curious in the Account given of it by good Authority, perhaps a short Relation may not be unacceptable. The *Tarantula*, is a large Spider, about three quarters of an Inch long, and as big as one's little Finger; they are Natives of *Apulia* in the Kingdom of *Naples* in *Italy*. They are not venomous, but in hot Weather; at which Time, whoever is bit by them after some Time loses both Sense and Motion, and dies if destitute of Help. The most effectual Remedy is *Musick*. The Musician tries a Variety of Airs, till he hits upon one, that effects the Patient, who upon that begins to move by Degrees; first keeps Time with his Fingers, Arms, and Legs, afterwards is violently agitated in every Part of his Body; and then leaps up, begins to dance, and increases in Activity every Moment; till after five or six Hours, being very much fatigued, he is put to Bed and left to sweat. The next Day the same Air brings him out of Bed for a new Dance. Which Exercise being thus continued, the Distemper is abated in the Space of four or five Days; the Effects of the Bite being in some Measure carried off by Sweat, and the Patient begins then to recover his Sense and Knowledge by little and little. This Cure seems to be for a Season only, for the Symptoms come on again about the same Time the next Year; and are again carried off in the same Manner; and if they should neglect to carry off this Relapse by Musick and Dancing, they fall into incurable Disorders of which they in a few Years die. As Musick is the common Cure, so they who are bitten are pleased, some with one sort of it, and some with another; one is pleased with a Pipe, another with a Timbrel, one with a Harp, and another with a Fiddle; so that the Musicians sometimes make several Essays before they can accommodate their Art to the Venom; but this is constant and certain, notwithstanding this Variety, that they all require the quickest and briskest Tunes; and are never moved by a slow dull Harmony.

The Reason that is given why the Patient is thus affected by *Musick*, is because the Nerves of his Body are so disordered in that Distemper, as easily to be agitated by the Vibrations which are occasioned by the Principle and stronger Notes of what is played.

ON M U S I C.

From a Miscellany of the Rev. Dr. BYLES.

DOWN steers the *Bass* with grave Majestic Air,
 And up the *Treble* mounts with shrill Career ;
 With softer Sounds, in mild Melodious Maze,
 Warbling between the *Tenor* gently Plays :
 But if th' aspiring *Altus* join its Force,
 See ! like the Lark, it Wings its tow'ring Course ;
 Thro' Harmony's sublimest Sphere it flies,
 And to Angelic Accents seems to rise ;
 From the bold Height it hails the echoing *Bass*,
 Which swells to meet, and mix in close Embrace.
 Tho' diff'rent Systems all the Parts divide,
 With Music's Chords the distant Notes are ty'd ;
 And Sympathetick Strains enchanting winde
 Their restless Race, till all the Parts are join'd :
 Then rolls the Rapture thro' the Air around
 In the full Magic Melody of Sound.

the gamut or scale of musick shewing at one view the Effect of flats & sharps in the three clefs, which is show'n the transposition of mi seven times by flats & seven times by sharps.

(Plate 1^d)

Open key	1 flat	2 b	3 b	4 b	5 b	6 b	7 b	1 *	2 *	3 *	4 *	5 *	6 *	7 *	
G	sol	sol	la	la	mi	bfa	bfa	bfol	fa	fa	*mi	*la	*la	*sol	
F	fa	fa	sol	sol	la	la	mi	bfa	*mi	*la	*la	*sol	*sol	*fa	
E	la	mi	bfa	bfa	bfol	bfol	bfa	la	sol	sol	fa	fa	*mi	*la	
D	sol	fa	la	mi	bfa	bfa	bfol	bfol	sol	fa	*mi	*la	*la	*sol	
C	fa	sol	sol	la	la	mi	bfa	bfa	fa	*mi	*la	*la	*sol	*sol	
B	mi	bfa	bfa	bfol	bfol	bfa	bmi	la	la	sol	sol	fa	fa	*mi	
A	la	la	mi	bfa	bfa	bfol	bfol	la	la	sol	sol	fa	fa	*mi	
G	sol	sol	la	la	mi	bfa	bfa	bfol	bfol	la	la	mi	bfa	bfa	
F	fa	fa	sol	sol	la	la	mi	bfa	*mi	*la	*la	*sol	*sol	*fa	
E	la	mi	bfa	bfa	bfol	bfol	bfa	la	sol	sol	fa	fa	*mi	*la	
D	sol	fa	la	mi	bfa	bfa	bfol	bfol	sol	fa	*mi	*la	*la	*sol	
C	fa	sol	sol	la	la	mi	bfa	bfa	fa	*mi	*la	*la	*sol	*sol	
B	mi	bfa	bfa	bfol	bfol	bfa	bmi	la	la	sol	sol	fa	fa	*mi	
A	la	la	mi	bfa	bfa	bfol	bfol	la	la	sol	sol	fa	fa	*mi	
G	sol	sol	la	la	mi	bfa	bfa	bfol	fa	fa	*mi	*la	*la	*sol	
F	fa	fa	sol	sol	la	la	mi	bfa	*mi	*la	*la	*sol	*sol	*fa	
mi in	E	A	D	G	C	F	B	F	C	C	D	A	E	B	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

(Plate 2^d)

(Fig. 1) (Fig. 2) (Fig. 3) (Fig. 4) (Fig. 5)

Agamut for tenor or treble

Agamut for the Counter

Agamut for the Bass

A scale of the four Parts (Fig. 4)

the Parts separated

10 15 10 12 10 15

12 5 10 8 12

5 3 8 5 8

3 Plate 3d

G A B C D E F G G F E D C B A G G B A C B D C E D F E G

3^{ds} Rising & 2^{ds} falling

G A B C D E F G G F E D C B A G G B A C B D C E D F E G

3^{ds} falling & 2^{ds} Rising 4^{ths} Rising & 3^{ds} falling 4^{ths} falling & 3^{ds} Rising

G A B C D E F G G F E D C B A G G B A C B D C E D F E G

5th Rising & 4th falling 5th falling & 4th Rising 6th rising 5th fall 6th fall 5th Rising

4

Plate 4

→ Rise & fall → fall & Rise 3 rise & fall notes leaping promiscuously

A Mathematical Scale in the form of Pitch Pipe.

cord's names	b2 ^d	*2 ^d	b3 ^d	*3 ^d	4 th	*4 th	5 th	b6 ^h	6 th	b7 ^h	*7 th	8 th
By flats	B		Bb			Db		Eb			Fb	
Proper names		A	B	C	D	E	F	G	A	B	C	D
By Sharps		*C	*D		*E	*F		*G		*A	*B	
Some tones	1	2	3	4	5	6	7	8	9	10	11	12

Of the Names and Number of Notes, with their Rests, Use & Proportion of Time.

A semibreve a minim a crotchet a quaver a semiquaver A Demisemiquaver.

Proportions	1 Bar	1/2	1/4	1/8	1/16	1/32
Notes						
Rests						

one Prick'd Semibreve
Contains 3 minims
6 Crotchets
12 Quaver
24 Semiquavers

one Prick'd minima
Contains
3 Crotchets
6 Quavers
12 Semiquavers
24 Demisemiquavers

one Prick'd quaver contains
3 Semiquavers
6 Demisemiquavers

one Prick'd Semi-
quaver contains
3 Demisemiquavers

Chap 5th
of other Characters Used in Musick, and their Use.

1 flat 2 sharp 3 repeat 4 Allur 5 Affur 6 letur 7 Accul letur 8 Adir-ct 9 natural 10 A Shake 11 A Clif 12 A livid

An Example of the four Several moods in Common Time

Adagio Lento Allegro (X three in Treble Time)

1 2 1 2 1 2 1 2 1 2 3 1 2 3 1 2 3

du du du du ddu ddu ddu

Plain Notes as Prick'd (the grace of transition.)

the Grace

A the Natural flat Key O the Natural sharp Key

An Example of the Artificial flat Key by Flats

D made y flat key mi in E E made y flat key mi in F F made y flat key mi in G G made y flat key mi in A

A made y flat key mi in B, B made y flat key mi in C, C made y flat key mi in D, D made y flat key mi in E

An Example of the Several flat Keys by sharps.

D made y flat key mi in E, E made y flat key mi in F, F made y flat key mi in G, G made y flat key mi in A

A made y flat key mi in B, B made y flat key mi in C, C made y flat key mi in D, D made y flat key mi in E, E made y flat key mi in

An Example of the Several Sharp Keys by sharps

D y sharp key mi in C, E y sharp key mi in D, F y sharp key mi in E, G y sharp key mi in F, A y sharp key mi in G

B y sharp key mi in A, C y sharp key mi in B, D y sharp key mi in C, E y sharp key mi in D

An Example of the Several Artificial Sharp keys by flats

D y sharp key mi in C, E y sharp key mi in D, F y sharp key mi in E, G y sharp key mi in F, A y sharp key mi in G

B made y sharp key mi in A, C made y sharp key mi in B, D made y sharp key mi in C, E made y sharp key mi in D

An Introduction to the Rules of MUSICK, with such Directions for Singing,
as is most easy and necessary for Learners.

CONTENTS of Book I.

- CHAP. I. Containing the Gamut, and the Explanation thereof ; also the several Cliffs, and their Explanation.
- CHAP. II. Containing a Scale of the four Parts, as they are set down according to the Gamut. Also the Parts separated, whereby you may see the true Distance of each Part from the Bass, as they are figur'd.
- CHAP. III. Containing Rules for tuning the Voice ; also an Explanation of a Concert Pitch-Pipe.
- CHAP. IV. Containing some Characters us'd in Musick with their Explanation ; also an Example of prick'd Notes.
- CHAP. V. Containing some other Characters made Use of in Musick ; and their Explanation.
- CHAP. VI. Containing an Example of the several Moods of Time, and how to beat them ; also the Grace of Transition.
- CHAP. VII. Containing an Example of the several Keys us'd in Musick, and how to transpose B. Mi into any of them.
- CHAP. VIII. Containing an Example of Concords and Discords.
- CHAP. IX. Containing some thoughts upon Musick.
- CHAP. X. Containing an Alphabetical Table of such Terms as are generally us'd in Musick. Also a New-England Hymn by the Rev. Dr. Byles.

Explanation

CHAP. I.

Explanation of the GAMUT.

THE Gamut is founded on no more than Seven Letters, viz. A B C D E F G, all above or below these are the same repeated over again, there being but Seven distinct Sounds in Nature, every Eighth or Octave being the same. Observe, That in the first Column of this Gamut Mi is in B, in the Second Column B is Flat, Mi is in E, the Third Column B and E Flat, Mi is in A, the Fourth Column B. E. & A Flat, Mi is in D, the Fifth Column B. E. A. and D Flat, Mi is in G, the Sixth Column B. E. A. D. and G Flat, Mi is in C, the Seventh Column B. E. A. D. G. and C Flat, Mi is in F, the Eighth Column B. E. A. D. G. C. and F Flat, Mi is in B, which brings Mi into its Natural Place, according to the Poet.

By Flats the Mi is Driven Round,
Till forc'd in B, to stand its Ground.

In the Ninth Column F is Sharp, Mi is in F, the Tenth Column F and C is Sharp, Mi is in C, the Eleventh Column F. C. and G is Sharp, Mi is in G, the Twelfth Column F. C. G. and D is Sharp, Mi is in D, the Thirteenth Column F. C. G. D. and A is Sharp, Mi is in A, the Fourteenth Column F. C. G. D. A. and E is Sharp, Mi is in E, the Fifteenth Column F. C. G. D. A. E and B is Sharp, Mi is in B, which again brings Mi into its Natural Place, as the Poet expresses it,

By Sharps the Mi's led through the Keys,
Till brought Home to its Native Place.

Thus you have an Example of the Transportation of B. Mi through the Seven Letters both by Flats, and Sharps, which is as Extensive as possibly can be.

But three Flats and three Sharps is as many as is generally used, as thus,

THE SCHEME.

The Natural Place for Mi is in B, but

if B } be Flat Mi is in { E }
if B & E } be Flat Mi is in { A } And if F } be Sharp Mi is in { F }
if BE & A } be Flat Mi is in { D } if F & C } be Sharp Mi is in { C }
if FC & G } be Sharp Mi is in { G }

And when you have found Mi in any of these Variations the Notes above are Fa, Sol, La, Fa, Sol, La, and below are La, Sol, Fa, La, Sol, Fa, then comes Mi again.

In order to make you more Expedition in finding your Mi, I have set the Letters under each Column into which Mi is transpos'd, and have likewise for the Benefit of the Sight, added a Row of Figures under the Letters which makes it very Easy to find the Column you are in pursuit of, and when you have found your Mi in any of all these Variations the Notes above are Fa, Sol, La, Fa, Sol, La, and all below are La, Sol, Fa, La, Sol, Fa. And then comes Mi again.

All your Notes above your Mi, twice Fa, Sol, La, as you may see,
And all below your Mi do fall, twice La, Sol, Fa, as you may Call. (For Example, see P. 1.) Hav-

Having explained the Gamut in as clear a Light as I am Master of, I shall proceed to the Explanation of the Three several Cliffs, each in their Order.

First, The F. flat or Bass Cliff, is generally set on the highest Line but one of the Five marked as in page 2, it gives its place the Name of F, and when sung must be called Fa, unless it is contradicted by Flats or Sharps at the beginning of a Tune.

Secondly, The C Sol flat Cliff is set on any one of the five Lines, as in page 2, and gives its Place the Name of C, and when sung must be called Fa, unless contradicted as before said. This was formerly the Tenor Cliff, though it seems at present almost out of Fashion, the Tenor now being commonly set in the G sol.re.ut or Treble Cliff. But in the following Work, I have made use of the C Cliff for the Counter and placed it upon the middle Line, as in page 2, which must be called Fa, unless contradicted as before mentioned. This Cliff is now commonly us'd for the Counter, and in my Opinion, is the best of the Three for that Purpose.

Thirdly, The G sol.re.ut or Treble Cliff is commonly set on the Second Line from the Bottom, as in page 2, and when sung must be called Sol, unless contradicted as above said, and is reckoned to be the best Cliff, either for Tenor or Treble of any now in use.

Here I think it may not be amiss to exhibit an Example of the Gamut divided into the Three several Cliffs, after the Manner they are taught, by the help of which any Person may learn to call their Notes without the Aid of a Master, as in P. 2.

CHAP. II.

Containing a Scale of the four Parts, as they are set down according to the Gamut.
THIS Scale (see page 2.) plainly proves the Treble to be naturally an Eighth above the Tenor, although I have often heard it disputed. For some will say, if an Eighth, why not a Fifteenth; nay I have heard some positively affirm that it is a Fifteenth, which is so Inconsistent with Reason, that nothing but Ignorance could inspire the Thought. But if such Persons will but give themselves the Trouble to look into this Example, they will presently find themselves in a gross Mistake. Because from the lowest Space in the Bass, which is upon A, to the highest Space in the Treble, which is upon E, is but a Nineteenth which you may easily see by counting up the Letters between them; whereas according to their Opinion, if you were to raise it the other Eighth, it would be a Twenty Sixth, which is almost out of the Reach of the human Voice. On the other Hand, if you will look into the Parts separated, you will find the Treble ending upon A, and likewise the Tenor. Trace them back into the Scale, and you will find them exactly an Eighth apart, which is a plain Demonstration that a Man cannot sing a proper Treble without counterfeiting a Woman's Voice, which is very unnatural, and in the Ears of most Judges very Disagreeable: Neither can a Woman sing a proper Tenor without counterfeiting a Man's Voice, which is also unnatural and disagreeable: But a Man may sing a Treble the Eighth below, and a Woman a Tenor the Eighth above, and then they will act upon Principles of Nature, and may make good Music, for every Eighth or Octave in Effect is the same.

C H A P. III.

Containing Rules for tuning the Voice, &c.

OBERVE, That in raising the Eight Notes, there are two Semi or half Tones, and those are from Mi to Fa, and La to Fa, ascending; and from Fa to La, and Fa to Mi, descending. So that an Octave consists of five whole Tones, and two half Tones; but for your better Instruction, observe the following Mathematical Scale, calculated to shew all the Semi Tones included in an Eighth or Octave with the Concords and Discords figured on the Lines and Spaces, by Way of Inches and half Inches, in Form of a Pitch Pipe, as in page 4.

Explanation of a Concert Pitch Pipe.

THIS Scale, which is drawn according to the Keys of an Organ, is precisely six Inches long, and contains the seven Sounds in Nature, which may be divided into twelve semi or half Tones. N. B. G sharp and a b are Unison to each other. B b and A sharp, D b & C sharp, E b & D sharp, G b & F sharp, &c. &c. &c. For Example, see P. 4.

C H A P. IV.

Containing some Characters us'd in Musick, with their Explanations, &c.

THIS Table comprehends the Six several Sorts of Notes that are now in Use, with their Rests under them, and their Names and Proportions at Top, which I shall explain in their Order, and begin with

- 1st. The Semibreve which is the longest Note now in Use, though formerly the shortest, whose Length and Proportion of Time, is as long as you may leisurely tell 1. 2. 3. 4. your best Guide in this Case will be the Pendulum of a large Chamber Clock, four Vibrations of which being exactly the Time of one Semibreve: This is the Measure Note, and guideth all the Rest.
- 2d. The Minim, is but half the Length of the Semibreve, having a Tail to it.
- 3d. The Crotchet is but half the Length of a Minim, with a black Head and Tail.
- 4th. The Quaver is but half the Length of a Crotchet, with a Tail turn'd up.
- 5th. The Semiquaver is but half the Length of a Quaver, with two Tails turn'd up.
- 6th. The Demisemiquaver is but half the Length of a Semiquaver with three Tails turn'd up; this is the shortest Note now in Use.

N. B. Rests

N. B. Rests are Notes of Silence, which signify that you must rest or keep Silence as long as you would be sounding one of the respective Notes to which they belong, as in page 4.

There is another Character used in Music, call'd a Prick of Perfection or Point of Addition, mark'd thus (.) when this Point is set to a Semibreve, it must be held as long as three Minims, because it makes the Note half as long again as it was before. Here it may not be amiss to give you an Example of prick'd Notes, as in page 5.

C H A P. V.

Containing an Explanation of several Musical Characters.

- First, **A** Flat is a Mark of Contraction, and serveth to any Note half a Tone lower than it was before. Flats also us'd to regulate the Mi in the Transposition of Keys.
- 2d. A Sharp is a Mark of Extension, it being to raise a Note half a Tone higher than it was before. Sharps are also us'd to regulate the Mi in the Transposition of Keys.
 - 3d. A Repeat is us'd to direct the Performer that such a Part or Strain must be repeated over again, from the Note that it is set over or under. This Character is also us'd in Canons to direct the following Parts to fall in, at such Notes as it is plac'd over.
 - 4th. A Slur is in Form like a Bow drawn over or under the Heads of two, three or more Notes when they are to be Sung but to one Syllable.
 - 5th. A single Bar serves to divide the Time in Music according to the Measure Note.
 - 6th. A Double Bar serves to divide many Strains in Music. But if they be Dotted on each Side, thus :: it signifies that such a Strain must be repeated over again. Double Bars are us'd in Psalm Tunes, to divide the Tune into Measure, and likewise to stop to take Breath if you please.
 - 7th. A Direct is plac'd at the End of a Line to direct the Performer to the Place of the first Note in the next Line.
 - 8th. A Natural is a Mark of Restoration, which being set before a Note, that was made Flat or Sharp at the Beginning, restores it to its former Natural Tone.
 - 9th. A Shake or Trill, is to direct the Performer to Shake or Grace any Note it is plac'd over.
 - 10th. A Close is three, four, or more Bars together, and always set after the last Note of a Piece of Musick, which signifies a Conclusion, or the Closing of all Parts in a proper Key, as in page 5.
- There is yet another Character call'd a Divider, commonly mark'd as in page 5, which Divides the Score of the Composition, shewing what Parts move together, and what do not.

C H A P. VI.

Of Time in its various Moods, and how to Beat it in each of them.

THIS Part of Musick called Time, is so necessary to be understood, that no Person can ever be able, without it, to Sing as he ought to do; neither can his Musick yield any Delight to himself or others; for, if there be not an exact Agreement of Time in all the Parts, it causes the Musick to Jarr and Disagree; but, if rightly understood by all the Performers, it causes the Parts to move and agree one with another, according to the Design of the Composer.

There are several Sorts of Moods for Time, yet all are deduced from two, viz. Common Time and Tripla Time, which are measured by either an even or odd Number of Notes, as 4 or 3; not precisely so many Notes in Number, but the Quantity of such like Notes, to be included in every Bar.

But next I shall give you an Example of the several Moods commonly us'd in Psalmody, as in page 6.

Explanation of the several Moods.

THE First of these Moods is called Adagio which is a very slow Movement. A Semibreve in this Mood is precisely the Time of four Seconds. You may Beat it two several Ways, either with your Hand once down, and once up in every Bar, which is called Minim Beating, or twice down and twice up which is called Crotchet Beating. Where the Tune chiefly consists of Minims, I would recommend the first, but where the Musick consists of lesser Notes, I would recommend the latter to be the easiest and plainest Way, because every Crotchet is exactly one Second, which is a very natural and easy Motion.

The second Mood or Mark is called the Largo Mood being half as quick again as the former, so that three Minims in this Mood are to be perform'd in the same Time that two Minims are in the Adagio Mood, but it is often fix'd to Psalm Tunes, in which the Crotchets and all other Notes in Proportion are Sung in the Time of Seconds, so as to make no Distinction between this and the Adagio Mood except in the Anthems and other brisk Pieces of Music.

The third Mood or Mark is called the Allegro Mood, being as quick again as the first, so that Minims in this Mood are Sung to the Time of Seconds. N. B. This is a very beautiful Movement, and if rightly perform'd carries great Life and Spirit with it.

There is another Mood sometimes used in Psalmody, mark'd as in page 6, and is called two from four, each Bar containing two Crotchets, one to be beaten down, and the other up. And Crotchets in this Time must be as quick as Crotchets in the Allegro Mood. Thus much for Common Time.

Explanation of the several Moods of Tripla Time

TRIPLA Time is measur'd by odd Numbers, as 3, 6, 9, &c. each Bar including either three Semibreves, three Minims, three Crotchets, or three Quavers, two of which must be sung or play'd with the Hand down, and one up, so that you are just as long again down as up. The first and Slowest Mood is called three to two, each Bar including three Minims, or one pointed Semibreve which are perform'd in the same Time as three Crotchets in Adagio. Two Beats down, and one up, mark'd thus $\frac{1}{2}$.

The

The second Sort of Tripla Time is called Three from Four: Each Bar including three Crotchets, or one pointed Minim. A Crotchet in this Mood to be performed in the same Time as a Crotchet in Largo, two Beats down, and one up, mark'd thus $\frac{1}{2}$.

The third Sort of Tripla Time is called Three from Eight, each Bar including three Quavers or one pointed Crotchet, two Beats down and one up, each Bar being performed as quick again as Three from Four, mark'd thus $\frac{1}{4}$.

Thus much for Tripla Time.

In keeping Time the Hand may be a Guide,

Yet Thought's the Prime in which you must confide.

The most correct Way is to beat Time by Pendulums.*

C

OF

- Four Pendulums, properly managed, will be sufficient to regulate the Time of the seven Moods commonly used in Psalmody. A Crotchet in the Adagio Mood, which seems to be the Theme or Root from whence all the other six are derived, is to be founded the length of one second of Time or the Sixtieth part of a Minute; consequently a Pendulum, whose length from the point of suspension to the Center of Oscillation, (which in Pendulums made of very small lines, is about the Center of the Bob,) is thirty nine Inches, and two tenths of an Inch, will vibrate it's true time. The Largo Mood is to be sung quicker than the Adagio, in a proportion of 4 to 3; therefore a Crotchet in this Mood is to be founded in the Time of an Oscillation of a Pendulum, which is twenty two Inches and one twentieth in length. As the Allegro Mood is as quick again as the Adagio, the Pendulum answering to Crotchets in that Mood will serve for Minims in this. In the fourth Mood of Common Time, marked thus $(\frac{1}{2})$ a Crotchet is sung in the Time of a Crotchet in the Allegro, which is as quick again as the Adagio; therefore the length of a Pendulum to vibrate Crotchets in this Mood, must be nine inches and eight tenths. The first two of the abovementioned Pendulums, may be applied to the two first Moods of Tripla Time. The Pendulum which Oscillates the Time of Crotchets in the Adagio Mood, will Oscillate Minims in the first Mood of Tripla Time; marked thus $(\frac{1}{2})$. And the Pendulum which serves for Crotchets in the Largo Mood will serve for Crotchets likewise in the second Mood of Tripla Time; marked thus $(\frac{1}{4})$. But as the Third sort of Tripla Time, marked thus $(\frac{1}{8})$ contains but three Quavers in a Bar, of equal length of three Quavers in the second Sort of Tripla Time, the Movement will be so quick that it will be best to have a Pendulum which will vibrate whole Bars: For which purpose the Pendulum must be in length about fifty inches and two tenths.

Plato-Musico.

CAMBRIDGE, SEPT. 16th, 1770.

Notwithstanding the exactness of these Rules for keeping Time, yet Authors are sometimes arbitrary in quickening or slackening the Time, by inserting Musical Phrases over particular Strains, such as Adagio, Slow, Grave, &c. Either of these signify that Strain to be performed somewhat slower than the Mood it is set to: So likewise when you see Allegro, Vivace, Presto, &c. over any particular Strain, it implies that it must be performed something quicker than the Mood that is fixed to it; but when nothing of this Nature occurs, then observe strictly the Rules before mentioned. Before I leave this Subject it may not be amiss to say something with respect to Motion in beating Time, and you may take this as a full rule that your Hand or Foot must always be falling in the first Part of Note in a Bar, and rising in the last Part, both in Common Time and Treble Time. In Treble Time there is a particular Motion required to beat a Bar, viz. After this Manner, 1st. In letting your Hand fall, observe that you strike first the Ends of your fingers, 2d. then the Heel of your Hand, and 3dly, raise your Hand up which finishes the Bar, be sure that you divide the Motion into three equal Lengths of Time, not allowing more time to one than another. In that Mood of Time called three to two, this Motion beats Minims, and in three from four it beats Crotchets, and in three from eight it beats Quavers. N. B. One Motion serves for all these three Treble Time Moods only, one quicker than the other, in proportion to the Rate set down by Pendulums.

Of the Grace of Transition.

THIS Grace, called the Grace of Transition, if rightly performed, is one of the greatest Ornaments to Music that can be used ; and in my Opinion, the turning of Thirds up and down, is one of the nicest Points, and if well done, beautifies the Musick exceedingly, whether Vocal or Instrumental.

N. B. When you see three Notes of any Kind with a Figure of 3, they are to be sung in the Time of one Beat ; that is, if the Time be 1/2, they are to be founded the Length of a Minim ; but if the Time be 1/4, they are to be sung in the Time of a Crotchet, &c.

Note also—That when you meet with two Notes standing one over the other, they are called choosing Notes, and signify that you may sing which you please, or both if you have Voices enough, and remember that they add not to the Time, but to the Variety.

C H A P. VII.

Of the several Keys in Musick, and how to transpose any Tune out of either of the two natural Keys, by Flats, or Sharps, into any other Key.

THERE are but two natural primitive Keys in Musick, viz. C, the sharp and cheerful Key, and A, the flat and melancholly Key. No Tune can be formed rightly and truly, but in one of these two Keys, except the Mi be transposed by either Flats or Sharps, which are set at the Beginning of the five Lines, which brings them to the same Effect as the two natural Keys.

These two Keys must be rightly understood, before any great Proficiency can be made in Musick ; they are very nice Points, and are worth the Learners While to strive for the Attainment of. It is a Proof of a very nice Taste and Discernment in a Chorister, to chuse a Flat Key Tune for a Psalm of Penitence and Prayer ; and likewise a sharp Key Tune for a Psalm of Praise and Thanksgiving. But to sing a Psalm of Praise in a flat Key Tune, and a Psalm of Prayer in a sharp Key Tune, would be a direct Contradiction. The Musick and the Words would greatly tend to lessen the Beauty of each other. But you must endeavour to make the Musick conform to the Words ; then they will serve to beautify each other. But next I shall proceed to give an Example of the several Keys, both Natural and Artificial. For Example

Thus I have given an Example of the several Keys, both natural and artificial, into which B. Mi is transpos'd ; and I would have it be remembered that it is not Flats that make flat Keys, nor Sharps that make sharp Keys. But it is B. Mi which is always next to the Key Note, either above or below ; if below, then it is a sharp Key, and if above, then it is a flat Key.

Observe,

Observe, That the last Note in the Bass is the Key Note, and contains the Air of the whole Tune : For a Tune depends as much on its proper Key, as a Sermon does on its Text. Thus much for Keys.

C H A P. VIII.

Of the Doctrine of Concords and Discords, both Perfect and Imperfect.

THERE are but four Concords, in Music, viz. the Unison, Third, Fifth and Sixth, their Eighths or Octaves are also meant. The Unison is call'd a perfect Chord, the Fifth is also call'd a Perfect Chord, the Third and Sixth are call'd Imperfect, their Sounds being not so full and Sweet as the Perfect.

The Discords are a Second, Fourth and Seventh, and their Octaves. Here take an Example of Concords and Discords with their Octaves under them.

	CONCORDS.					DISCORDS.		
	1.	3.	5.	6.		2.	4.	7.
Their Octaves, or Eighths—	8	10	12	13		9	11	14
	15	17	19	20		16	18	21
	22	24	26	27		23	25	28

&c.

N. B. If a Voice or Instrument, could reach to Ten Thousand Octaves,* they all counted as one in Nature.

* Perhaps there may appear (in the Eyes of some) a direct contradiction between this Clause and the 8th Page in the Essay on Sound, where a material Difference is Philosophically prov'd between a Unison and an Octave ; but although the Vibrations are as different as that of 2 to 1, yet there is so great a Similarity that vulgarly (not strictly) speaking, they are called the same. But however, this is a very nice Point, and must be left for more Mature Heads to comment upon ; and I would not advise any who have not had ten or twelve Years Experience in the Science, to perplex themselves about the Definition of it, for I am positive that before they can have a thorough Understanding of this Matter, they must be very well vers'd in the Theory as well as the Practice.

C H A P. IX.

Thoughts on MUSIC.

IN Order to make good Music, there is great Judgment required in dividing the Parts properly, so that one shall not over-power the other. In most Singing Companies I ever heard, the greatest Failure was in the Bass, for let the Three upper Parts be Sung by the best Voices upon Earth, and after the best Manner, yet without a sufficient Quantity of Bass, they are no better than a Scream, because the Bass is the Foundation, and if it be well laid, you may build upon it at Pleasure. Therefore in order to have good Music, there must be Three Bass to one of the upper Parts. So that for Instance, suppose a Company of Forty People, Twenty of them should sing the Bass, the other Twenty should be divided according to the Discretion of the Company into the upper Parts, six or seven of the deepest Voices should sing the Ground Bass, which I have set to most of the Tunes in the following Work, and have taken Care to set it chiefly in the compass of the Human Voice, which if well sung together with the upper Parts, is most Majestic, and so exceeding Grand as to cause the Floor to tremble,* as I myself have often experienced. Great Care should also be taken to Pitch a Tune on or near the Letter it is set, though sometimes it will bear to be set a little above and sometimes a little below the Key, according to the Discretion of the Performer; but I would recommend a Pitch Pipe, which will give the Sound even to the nicety of half a Tone.

Such Caution should be used in singing a Solo, in my Opinion Two or Three at most are enough to sing it well, it should be sung as Soft as an Eccho, in order to keep the Hearers in an agreeable Suspense till all the Parts join together in a full Chorus, as smart and strong as possible. Let all Parts close in a proper Key, and a full Organ, which will yield great delight† both to the Performers and Hearers.

Thus gentle Reader you have my Sentiments upon the Matter.

No Doubt they're Faulty, pray excuse 'em, }
If you like 'em, prithee use 'em, }
Criticks, be Tender, don't abuse 'em. }
Your's,

W. B.

* All Notes that descend below G Gamut in the Bass, occasion an agreeable Tremor. But in my Opinion double D, viz. (an Octave below the Middle Line of the Bass) is the most commanding and Majestick of any Sound in Nature. N. B. Blowing a Note carries it an Octave below itself, so as to make D blow'd as low as double D not blow'd, &c.

† Such is thy Force, O Harmony Divine!
Such the Effect thou hast upon the Ear!
That all are forc'd to listen to thy Charms,
In pleasing Extacy and fond Amaze.

On

On MUSICK.

HAIL sacred Music, which of all the Sweets From Heaven deriv'd for Man to taste, art chief. In all the various Frames of Man, 'tis thine To move the various Passions of the Soul. When Pain uturps the Empire of the Breast, Thy soothing Balm can alluage the Sting, And pour the Balm of Pleasure on the Wound. When Grief and Cares hang heavy o'er the Mind, And gloomy Melancholy clogs the Thought, Thy enlightning Beams can dissipate the Cloud, And warm the Soul with Capturous Delight. When Rage in rages over all the Man, 'Tis thine to calm the Tempest of the Mind, And lull all the Hero into Love. Again 'tis thine to call the Lover forth,

From the soft Scenes of Pleasure and Amour,
To brave the Dangers of the bloody War.
The Savage owns thy almost magic Power,
To Tame the Native Wildness of his Breast,
And melt the icy Fibres of his Heart.
Again the Lion raging for his Prey,
When Musick meets him on his rapid Course,
Struck into Pause, let's drop his Fury there,
In fond Attention to the pleasing Charm.
Such is the Nature of the vital Clay,
Such the Formation of its curious Parts,
That all the nicer Passions of the Man,
And every coarser Instinct of the Brute,
Are sweetly subject to the Powers of Sound.
Cambridge, Sept. 30, 1770. Philo-Musico.

To all Musical Practitioners.

PERHAPS it may be expected by some, that I should say something concerning Rules for Composition; to these I answer that Nature is the best Dictator, for all the hard dry studied Rules that ever was prescribed, will not enable any Person to form an Air any more than the bare Knowledge of the four and twenty Letters, and strict Grammatical Rules will enable a Scholar for composing a Piece of Poetry, or properly adjusting a Tragedy, without a Genius. It must be Nature, Nature must lay the Foundation, Nature must inspire the Thought. But perhaps some may think I mean and tend to throw Art intirely out of the Question, I answer by no Means, for the more Art is display'd, the more Nature is decorated. And in some sorts of Composition, there is dry Study requir'd, and Art very requisite. For instance, in a Fuge, where the Parts come in after each other, with the same Notes; but even there, Art is subservient to Genius, for Fancy goes first, and strikes out the Work roughly, and Art comes after, and polishes it over. But to return to my Text; I have read several Author's Rules on Composition, and find the strictest of them make some Exceptions, as thus, they say that two Eighths or two Fifths may not be taken together rising or falling, unless one be Major and the other Minor; but rather than spoil the Air, they will allow that Breach to be made, and this allowance gives great Latitude to young Composers, for they may always make that Plea, and say, if I am not allow'd to transgress the Rules of Composition, I shall certainly spoil the Air, and Cross the Strain, that fancy dictated: And indeed this is without dispute, a very just Plea, for I

am sure I have often and sensibly felt the disagreeable and slavish Effects of such a restraint as is here pointed out, and so I believe has every Composer of Poetry, as well as Musick, for I presume there are as strict Rules for Poetry, as for Musick. But as I have often heard of a Poetical Licence, I don't see why with the same Propriety there may not be a Musical Licence, for Poetry and Music are in close Connection, and nearly allied, besides they are often assistants to each other; and like true friends often hide each others failings: For I have known a Piece of Poetry that had neither "Rhime nor Reason" in it, pass for tolerable good Sense, because it happened to be set to an excellent Piece of Musick, and to get respect rather for its good fortune in falling into such respectable Company than for any Merit in itself; so likewise I have known and heard a very indifferent Tune often sung, and much care'd, only because it was set to a fine Piece of Poetry, without which recommendation, perhaps it would not be sung twice over by one Person, and would be deem'd to be dearly bo't only at the expence of Breath requisite to perform it—for my own Part, as I don't think myself confin'd to any Rules for Composition laid down by any that went before me, neither should I think (were I to pretend to lay down Rules) that any who came after me were any ways obligated to adhere to them, any further than they should think proper: So in fact, I think it is best for every *Composer* to be his own *Carver*. Therefore, upon this Consideration, for me to dictate, or pretend to prescribe Rules of this Nature for others, would not only be very unnecessary, but also a great Piece of Vanity.

* A simple Fellow bro't a Piece of Prose to Sir *Thomas Moore* for his Inspection; Sir *Thomas* told him to put it into Rhime, accordingly he did; upon which Sir *Thomas* said to him, now it is *Rhime*; but before it was neither *Rhime nor Reason*.

CHAP. X.

Containing an Explanation of the most Useful Terms that are us'd in Musick; particularly of those that are in this Book, set down in Alphabetical Order.

A <i>ADAGIO</i> —very slow or the slowest Movement of Time.	<i>Cliff</i> —the Key to open a Piece of Musick.	<i>Divots</i> —in a devout Manner.
<i>Allegro</i> —a very quick Movement, being as quick again as <i>Adagio</i> .	<i>Cadence</i> —All Parts making a Close.	<i>Dux</i> —the leading Fuge or Part.
<i>Affettuoso</i> —very Tender and Affectionate.	<i>Canon</i> —A perpetual Fuge.	<i>Doubles</i> —all Notes that descend below Gamut, viz. the lower line in the Bass, are called <i>Doubles</i> ; as double F, double E, double D, double C, double B, double A, double G; and all below double G, are called double double; as double double F, &c.
<i>Alluljab</i> —PRAISE THE LORD.	<i>Chant</i> —to sing, also the Church Tune.	<i>Eccho</i> —soft like an Eccho.
<i>Altus</i> —The Counter.	<i>Chorus</i> —all Parts moving together.	<i>Encore</i> —over again more yet, the same as Repeat.
<i>Breve</i> —a Note containing two Semibreves	<i>Close</i> —all Parts ending in Harmony.	
<i>Bass</i> —The lowest foundational Part & generally confin'd to the F Cliff.	<i>Counter-Tenor</i> —between Treble and Tenor may be set in the C or G Cliff.	
<i>Binary</i> —up, and down, both equal.	<i>Da-Capo</i> —End with the first Strain.	
	<i>Demi</i> —The Half.	
	<i>Diapason</i> —a perfect Eighth.	
	<i>Disdiapason</i> —a Fifteenth.	

Forte

<i>Forte</i> —Loud, Strong.	<i>Maestoso</i> —With Majesty and Grandeur.	<i>Mathematically</i> prov'd in page 2.
<i>Faust</i> —in the Bass one whole Tone below G solrent in the Tenor.	<i>Minor</i> —The Lesser.	<i>Tacet</i> —Silence.
<i>Fortissimo</i> —very loud.	<i>Moderatio</i> —Of a moderate strength.	<i>Tenderment</i> —In a tender Manner.
<i>Fin</i> —The last or finishing Note.	<i>Nota-Bene</i> —Mark well.	<i>Transposition</i> —Removing from one Key to another.
<i>Fuge or Fuging</i> —Notes flying after of the same. N. B. Fuging is accounted the most ingenious and generally the most grateful both to Performers and Auditors, of any Part in Composition.	<i>Octave</i> —A perfect Eighth of 12 Semitones.	<i>Tre or Trio</i> —Three Parts.
<i>Granda</i> —very grand or the greatest.	<i>Oscillation</i> —A vibrating or swinging.	<i>Tritone</i> —A greater 3d of 4 Semitones.
<i>Gratioso</i> —graceful and agreeable.	<i>Organo</i> —The Organ Part.	<i>Tripla</i> —Time moving or measured by Threes.
<i>Guida</i> —the leading Voice or Instrument.	<i>Organ</i> —The grandest of all Wind Instruments.	<i>Tenor</i> —The second Octave above the Bass, also the leading or Church Part, and may be set in the C or G Cliff, if in the latter it must be sung an Eighth below the Treble, see page 2.
<i>Gravafonus</i> —very grave and solid.	<i>Piano</i> —Soft and sweet like an Eccho.	<i>Tutti or Tute</i> —All Voices together.
<i>Harmonick Sounds</i> —Sounds agreeable.	<i>Presto</i> —Quick.	<i>Unison</i> —One and the same Sound.
<i>Hemi</i> —The Half.	<i>Pieno</i> —Full, or altogether.	<i>Vivace</i> —Gay, quick and lively.
<i>Hallelujah</i> —Praise ye the Lord.	<i>Philo-Musico</i> —A lover of Musick.	<i>Vivace</i> —Very quick.
<i>In harmonical</i> —Sounds disagreeable.	<i>Quarta</i> —Four Parts in Score.	<i>Vivacissimo</i> —With Life and Spirit.
<i>Ledger Lines</i> , viz.—Lines that run above or below the five Lines.	<i>Reetre & Rettro</i> —Forwards & Backwards.	<i>Vibration</i> —Shaking or Trembling.
<i>Lamentatone</i> —Lamenting and Grave.	<i>Replica</i> —Let it be repeated.	<i>Vigorofo</i> —With Life and Vigour.
<i>Large</i> —a Note containing two Longs.	<i>Semi</i> —the Half.	<i>Voce Solo</i> —A Solo to be performed by a single Voice.
<i>Long</i> —a Note containing two Breves.	<i>Score</i> —All Parts standing Bar against Bar, according to the strictest Rules. N. B. Musick out of Score, said to be like Tune without Time.	<i>Terms us'd in Musick</i> , therefore most beneficial for Learners.
<i>Languissant</i> —in a languishing Manner.	<i>Semitonick</i> —The Octave divided into 12 Sounds.	
<i>Largo</i> —a Middle Movement of Time, being half way between <i>Adagio</i> and <i>Allegro</i> .	<i>Solo or Solus</i> —Either Part alone.	
<i>Musico-Theorico</i> —a Composer, a Master or Teacher of Musick.	<i>Syncopation</i> —Sounds driven thro' the Bars.	
<i>Medius</i> —The Counter Part or Treble, sung an Octave below itself with a Tenor Voice. <i>Major</i> —The greater.	<i>Treble</i> —The 3d Octave above the Bass, adapted to Feminine Voices in either Sex, cannot with Propriety be set in any other but the G Cliff. Observe that G solrent in the Treble is an Octave above G solrent in the Tenor	

ADVERTISEMENT. To the generous Subscribers for this Book. THE Author having to his great Loss deferred the Publication of these Sheets for Eighteen Months, to have them put upon American Paper, hopes the Delay will be pardoned; and the good Ladies, Heads of the Families, into whose Hands they may fall, will zealously endeavour to furnish the Paper Mills with all the Fragments of Linnen they can possibly afford: Paper being the Vehicle of Literature, and Literature the Spring and Security of human Happiness.

P. S. Musick Pens for drawing the Lines at once, made & sold by *Jeshab Flagg*, at his Shop in Fish-Street, at the North-End of Boston. (Price 50s. Old Tenor.)

New-England Hymn, by the Rev. Dr. BYLES.

[Adapted to America Tune.]

TO Thee the tuneful Anthem soars,
 To Thee, our Father's God, and our's;
 This Wilderness we chose our Seat:
 To Rights secur'd by Equal Laws,
 From Persecution's Iron Claws,
 We here have fought our calm Retreat.

See! how the Flocks of JESUS rise!
 See! how the Face of Paradise
 Blooms thro' the Thickets of the Wild!
 Here Liberty erects her Throne;
 Here Plenty pours her Treasures down;
 Peace smiles as Heav'nly Cherubs mil'd.

Lord, guard thy Favours; Lord, extend
 Where farther Western Suns descend;
 Nor Southern Seas the Blessings bound;
 'Till Freedom lift her chearful Head,
 'Till pure Religion onward spread,
 And beaming, wrap the Globe around.

Handwritten musical score for the hymn. The score is written on ten staves, organized into five systems of two staves each. The notation includes treble clefs, a key signature of one sharp (F#), and a common time signature (C). The music is a simple, melodic hymn tune. At the top of the first system, there is a handwritten note: "No. 272 P.M.". At the bottom of the fifth system, there is a handwritten note: "No doubt the request will excite by adapting words to all, and a note is intended with reference to the same." The score concludes with a double bar line and repeat dots.

Brockline — Pl. 19. C.M.

Musical notation for Brockline, Pl. 19, C.M. consisting of four staves of music.

Nantucket. Hymn. 5 S.M.

Musical notation for Nantucket, Hymn. 5, S.M. consisting of four staves of music.

NB I have put C.M. for common metre, L.M. for long metre, S.M. for short metre
P.M. for Particular sets

Hampshire L.M.

Musical notation for Hampshire, L.M. consisting of four staves of music.

New Town. U.M.

Musical notation for New Town, U.M. consisting of four staves of music.

Malden. Pl. 1. LM.

4

The first piece on the left page consists of four staves of music. The top staff is in treble clef with a 4/4 time signature. The second staff is in bass clef. The third staff is in treble clef with a 3/4 time signature. The fourth staff is in bass clef. The music is written in a common key signature and features a variety of note values and rests.

Union. Pl. 25. SM.

The second piece on the left page consists of four staves of music. The top staff is in treble clef with a 3/4 time signature. The second staff is in bass clef. The third staff is in treble clef. The fourth staff is in bass clef. The music is written in a common key signature and features a variety of note values and rests.

THE MOON. Hymn. 17. LM.

The first piece on the right page consists of four staves of music. The top staff is in treble clef with a 4/4 time signature. The second staff is in bass clef. The third staff is in treble clef. The fourth staff is in bass clef. The music is written in a common key signature and features a variety of note values and rests.

CONCORD. Pl. CM.

The second piece on the right page consists of four staves of music. The top staff is in treble clef with a 3/4 time signature. The second staff is in bass clef. The third staff is in treble clef. The fourth staff is in bass clef. The music is written in a common key signature and features a variety of note values and rests.

The first system of music for 'New Boston' consists of two staves. The upper staff is in treble clef with a key signature of one sharp (F#) and a common time signature (C). The lower staff is in bass clef with a key signature of one sharp (F#) and a common time signature (C). The music features a series of chords and melodic lines.

Hingham. SM.

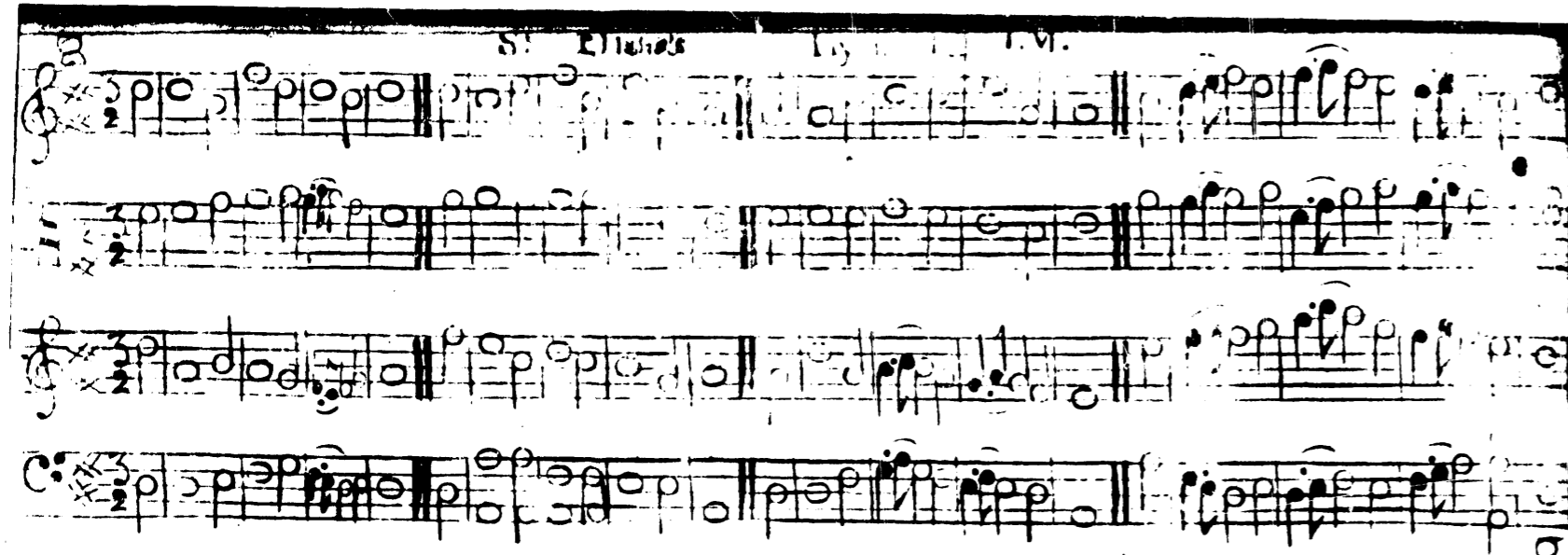
The second system of music for 'Hingham' consists of two staves. The upper staff is in treble clef with a key signature of one sharp (F#) and a common time signature (C). The lower staff is in bass clef with a key signature of one sharp (F#) and a common time signature (C). The music features a series of chords and melodic lines.

The first system of music for 'Brockfield' consists of two staves. The upper staff is in treble clef with a key signature of one sharp (F#) and a common time signature (C). The lower staff is in bass clef with a key signature of one sharp (F#) and a common time signature (C). The music features a series of chords and melodic lines.

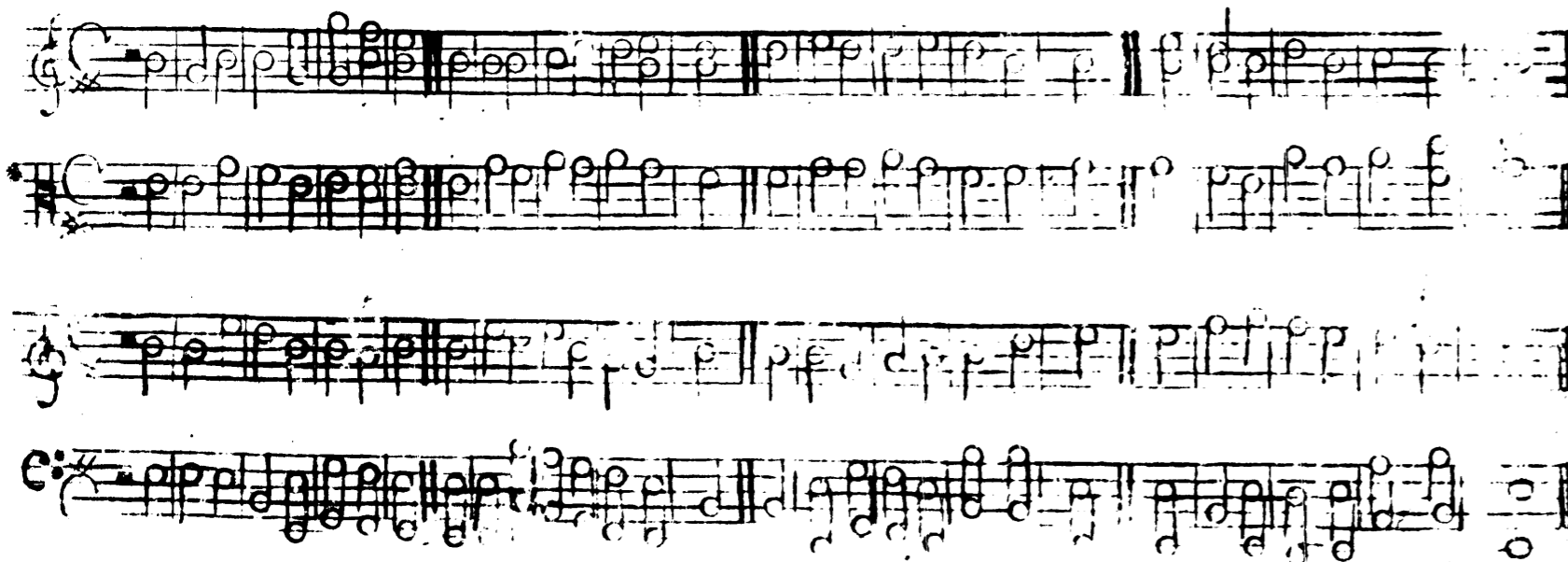
Pomfret. CM. Pf. 92

The second system of music for 'Pomfret' consists of two staves. The upper staff is in treble clef with a key signature of one sharp (F#) and a common time signature (C). The lower staff is in bass clef with a key signature of one sharp (F#) and a common time signature (C). The music features a series of chords and melodic lines.

St. Elizabeths Ly. J. V. V.




Duxborough. LM.



Seituate. LM.



Liberty. S M.



all his royal race
God Bless our gracious King
may live before thy
pre-serve of queen & grant that they

Pembroke

First system of musical notation on page 10, measures 1-4. It consists of two staves: a treble clef staff and a bass clef staff. The music features a melody in the treble and a supporting bass line.

Second system of musical notation on page 10, measures 5-8. It consists of two staves: a treble clef staff and a bass clef staff. The melody continues with some rhythmic variation.

Cor.

Third system of musical notation on page 10, measures 9-12. It consists of two staves: a treble clef staff and a bass clef staff. The music is marked with a dynamic of *Cor.* (Crescendo).

Fourth system of musical notation on page 10, measures 13-16. It consists of two staves: a treble clef staff and a bass clef staff. The music concludes with a final cadence.

Pembroke

First system of musical notation on page 11, measures 1-4. It consists of two staves: a treble clef staff and a bass clef staff. The music continues from the previous page.

Second system of musical notation on page 11, measures 5-8. It consists of two staves: a treble clef staff and a bass clef staff. The music continues with a dynamic of *Cor.* (Crescendo).

Con.

Third system of musical notation on page 11, measures 9-12. It consists of two staves: a treble clef staff and a bass clef staff. The music is marked with a dynamic of *Con.* (Crescendo).

Fourth system of musical notation on page 11, measures 13-16. It consists of two staves: a treble clef staff and a bass clef staff. The music concludes with a final cadence.

New South S.M.

Musical notation for 'New South S.M.' consisting of four staves. The first staff is a vocal line with a treble clef and a key signature of one flat. The second and third staves are piano accompaniment with treble and bass clefs respectively. The fourth staff is a bass line with a bass clef. The music is in common time and features a simple, hymn-like melody.

Sudbury C.M.

Musical notation for 'Sudbury C.M.' consisting of four staves. The first staff is a vocal line with a treble clef and a key signature of one flat. The second and third staves are piano accompaniment with treble and bass clefs respectively. The fourth staff is a bass line with a bass clef. The music is in common time and features a more complex, rhythmic melody.

Water Town. L.M.

Musical notation for 'Water Town. L.M.' consisting of four staves. The first staff is a vocal line with a treble clef and a key signature of one flat. The second and third staves are piano accompaniment with treble and bass clefs respectively. The fourth staff is a bass line with a bass clef. The music is in common time and features a lively, rhythmic melody.

Fairfield. S.M.

Musical notation for 'Fairfield. S.M.' consisting of four staves. The first staff is a vocal line with a treble clef and a key signature of one flat. The second and third staves are piano accompaniment with treble and bass clefs respectively. The fourth staff is a bass line with a bass clef. The music is in common time and features a simple, hymn-like melody.

Africa. C.M.

The first system of music for 'Africa. C.M.' consists of four staves. The top staff is in treble clef with a 3/4 time signature. The second and fourth staves are in bass clef. The music features a steady, rhythmic accompaniment with various note values including quarter and eighth notes.

Hamton. Lm.

The second system of music for 'Africa. C.M.' also consists of four staves, following the same clef and time signature arrangement as the first system. The musical notation continues the piece with similar rhythmic patterns.

An Hymn for Christmas or Charlston C.M. hymn 26

The first system of music for 'An Hymn for Christmas' consists of four staves. The top staff is in treble clef with a 3/4 time signature. The second and fourth staves are in bass clef. The music includes the lyrics 'While shepherds &c the ang-le &c' written below the staves.

The second system of music for 'An Hymn for Christmas' consists of four staves. The top staff is in treble clef with a 3/4 time signature. The second and fourth staves are in bass clef. The music includes the lyrics 'fear not &c glad tidings &c' written below the staves. The system concludes with a double bar line and repeat signs.

Cumberland

CM

Musical score for 'Cumberland' in common time (CM). It consists of four staves of music. The first two staves are the melody and bass line, and the last two are the treble and bass accompaniment. The melody is written in a treble clef with a key signature of one flat (B-flat).

North River.

CM.

Musical score for 'North River' in common time (CM). It consists of four staves of music. The first two staves are the melody and bass line, and the last two are the treble and bass accompaniment. The melody is written in a treble clef with a key signature of one flat (B-flat).

Musical score for the first piece on page 17. It consists of four staves of music. The first two staves are the melody and bass line, and the last two are the treble and bass accompaniment. The melody is written in a treble clef with a key signature of one flat (B-flat).

Suffolk.

LM

Musical score for 'Suffolk' in largo (LM). It consists of four staves of music. The first two staves are the melody and bass line, and the last two are the treble and bass accompaniment. The melody is written in a treble clef with a key signature of one flat (B-flat).

Wheellers Point. LM.

Musical notation for Wheeler's Point, measures 1-16. The piece is in 3/2 time and consists of four systems of two staves each. The notation includes various note values, rests, and bar lines.

Unity. LM.

Musical notation for Unity, measures 1-16. The piece is in 3/2 time and consists of four systems of two staves each. The notation includes various note values, rests, and bar lines.

Brattle Street. LM

Musical notation for Brattle Street, measures 1-16. The piece is in 3/2 time and consists of four systems of two staves each. The notation includes various note values, rests, and bar lines.

G. n.

Musical notation for G. n., measures 1-16. The piece is in 3/2 time and consists of four systems of two staves each. The notation includes various note values, rests, and bar lines.

Old Brick. LM

Musical notation for the hymn 'Old Brick' (LM). It consists of four staves of music. The first staff is the vocal line, and the subsequent three staves are for the organ accompaniment. The music is written in a common time signature and features a mix of eighth and sixteenth notes.

Roxbury. LM

Musical notation for the hymn 'Roxbury' (LM). It consists of four staves of music. The first staff is the vocal line, and the subsequent three staves are for the organ accompaniment. The music is written in a common time signature and features a mix of eighth and sixteenth notes.

Old South. CM.

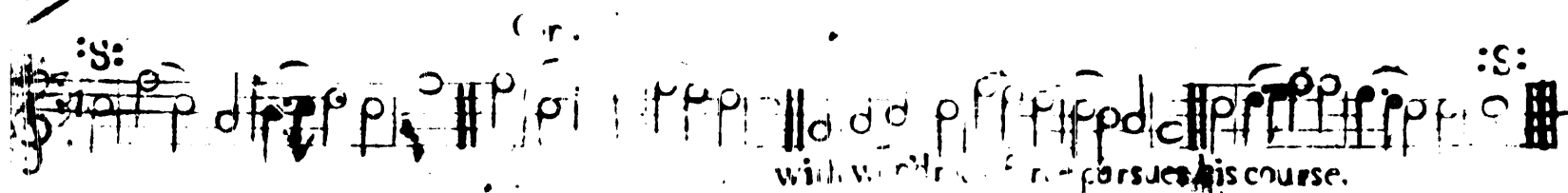
Musical notation for the hymn 'Old South' (CM). It consists of four staves of music. The first staff is the vocal line, and the subsequent three staves are for the organ accompaniment. The music is written in a common time signature and features a mix of eighth and sixteenth notes.

Greenland. SM.

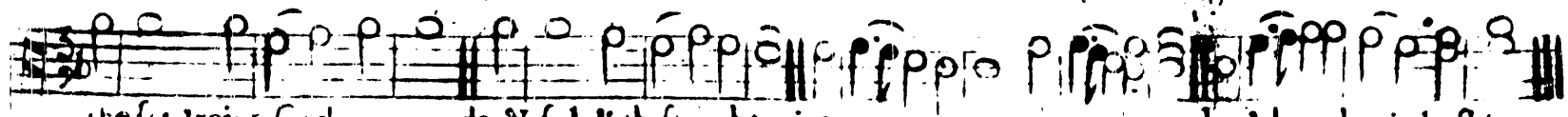
Musical notation for the hymn 'Greenland' (SM). It consists of four staves of music. The first staff is the vocal line, and the subsequent three staves are for the organ accompaniment. The music is written in a common time signature and features a mix of eighth and sixteenth notes.



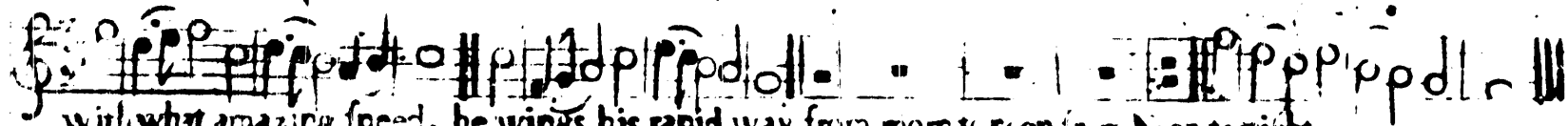
awake my soul awake, awake look up & view, the glorious sun who has begun, his daily task a new



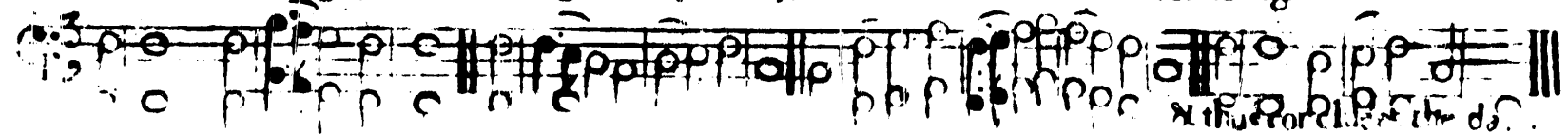
with which he pursues his course.



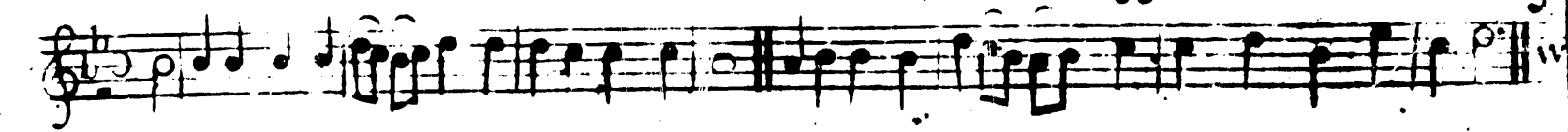
the sov'reign God comes down, & forth streight arise, thro' the ethereal skie



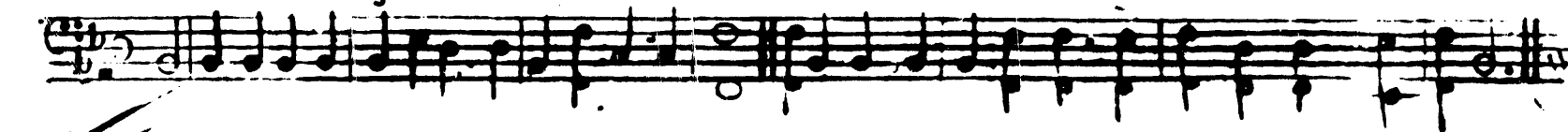
with what amazing speed, he wings his rapid way, from morn to noon in w. Nor to night



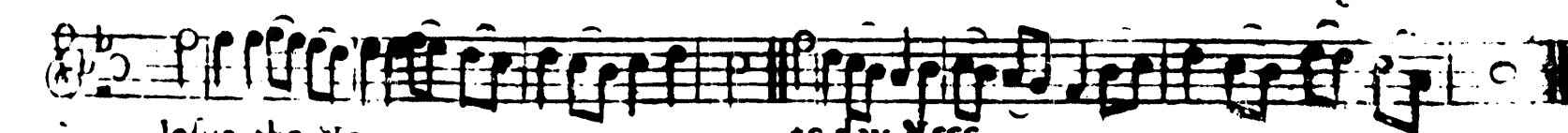
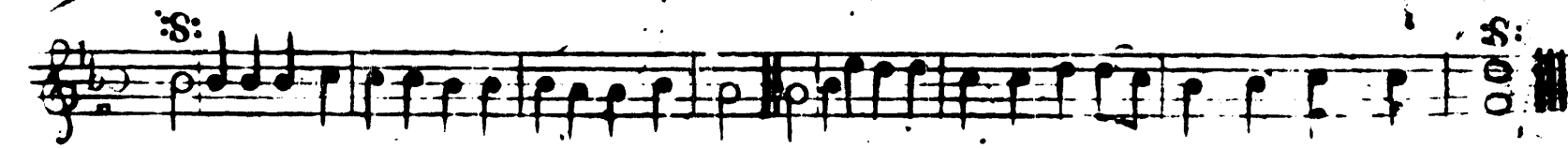
& thus order'd for the day.



Shepherds rejoice &c News from &c



Con.



Jesus the Wc to day &c



An Anthem. Psalm. 93.

24 :S:

The Lord is King & is clothed with Majesty The Lord is king & is clothed with Majesty the Lord is

Con.

King and is clothed with Majesty the Lord is King & is clothed with Majesty the Lord is King & is

Continued

25 :S:

the lord is

with majesty the lord is king & is clothed with majesty the lord is king & is clothed

King & is clothed

the lord is king & is clothed

the lord is king & is clothed with majesty & honour the lord is

D

Continued

(For the first time)

26

the lord is king

King & is clothed the lord is king & is clothed with majesty & honour & is clothed with majesty

And honour

the lord is clothed with strength where with he hath guided his self about

Divine

27

the world also is established that it never be removed thy throne O god is

bliss'd of old thou art from everlasting thy throne O god is establish'd of old thou art from everlasting thy

the floods have lifted up o lord

art from e-verlasting

the floods have lifted up their

the floods have lifted up their heads

(Tutt) *Moderato* *Con.*

the floods have lifted up there voice

waves

the lord on high is mightier then the noise of many waters yea yea

Thy Testimonys are very sure

yea the voice of the lord is mightier then the noise of many waters

Thy Testimonys

Con. Tutt (Vigoroso)

Thy Testimonys are very sure

Thy Testimonys are very sure

Holyness becom thy house O lord forever & ever amen holyness becom

30 Choro. Con. (Vigoroſo)

Thy houſe O lord fore-ver & e-ver a men all hlyneſs becomes thy houſe O lord fore-ver Amen Amen Amen

Allegro (Divoto) (Cres. Forte) (Fortissimo)

Hallelu-jah a-men a-men Hallelu-jah Praise ye the lord Amen Amen
 Hallelujah Praise the lord Hallelujah Amen Amen Hal-le-lu-jah Amen Amen
 Amen Hallelu-jah Amen Amen Praise the lord Hal-le-lu-jah Amen Amen
 Amen Amen Hallelu-jah Amen Amen

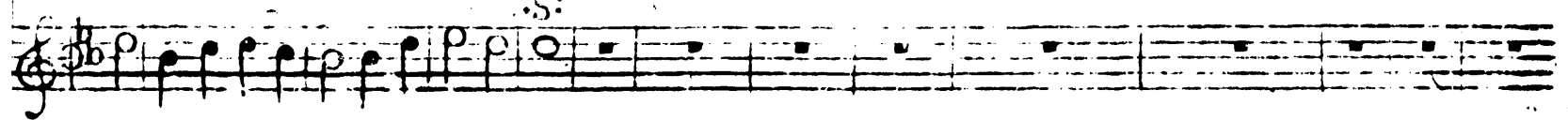
31 An Anthem. Psalm 42 (Affettuſo)

As the hart panteth after the water brooks
 As the hart panteth after the water brooks
 As the hart panteth after the water brooks

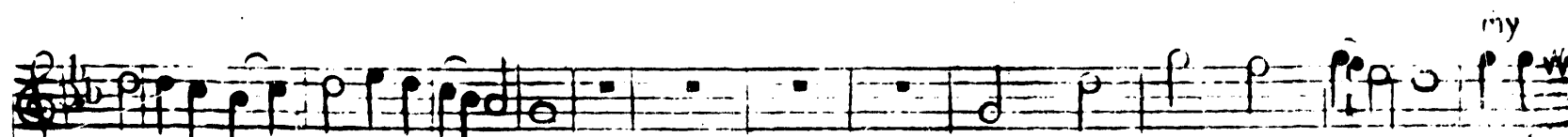
Con. (Forte)

the water brooks
 the hart panteth after the water brooks
 so panteth my ſoul after the Lord God
 As the hart panteth after the water brooks

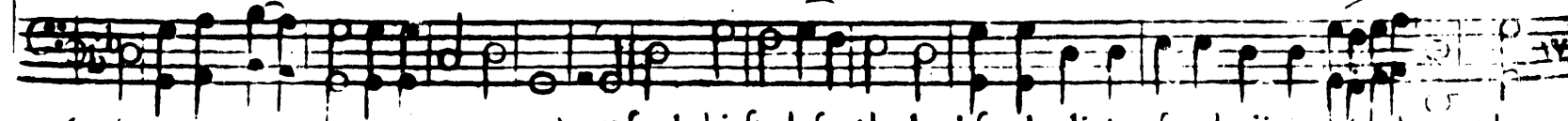
Con.



Trio.



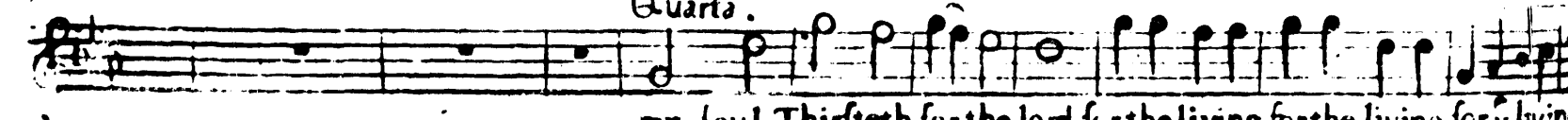
so panteth my soul after the o god :S: Du x. my soul thirsteth for the lord for the



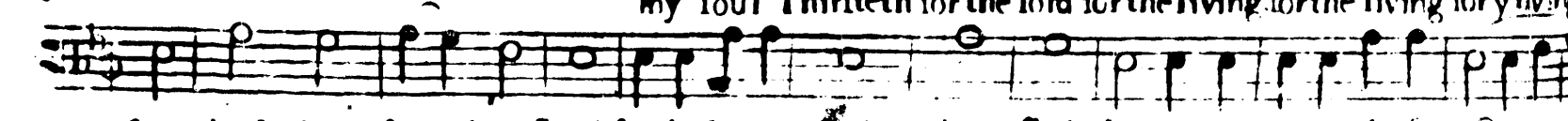
my soul thirsteth for the lord for the living for the living God when

Con.

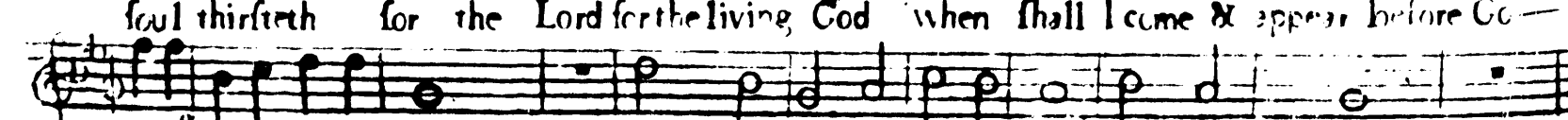
Quarta.



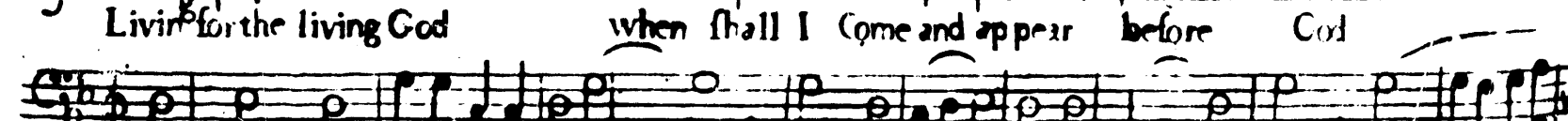
my soul Thirsteth for the lord for the living for the living for y living



soul thirsteth for the Lord for the living God when shall I come & appear before Go



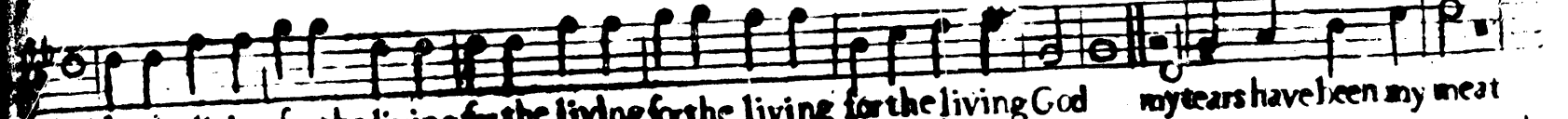
Livin for the living God when shall I come and appear before God



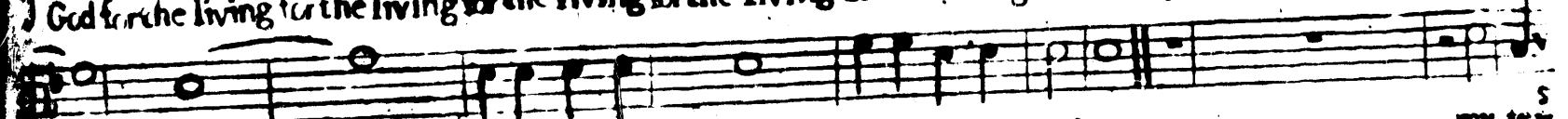
shall I come & appear before God my soul Thirsteth for God for Go

Con.

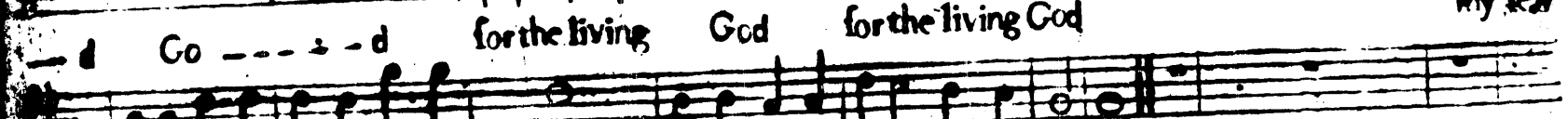
1:S:2



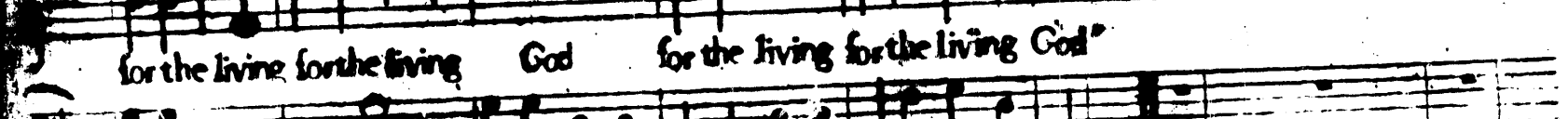
God for the living for the living for the living for the living for the living God my tears have been my meat



Go --- d for the living God for the living God my tear



for the living for the living God for the living for the living God

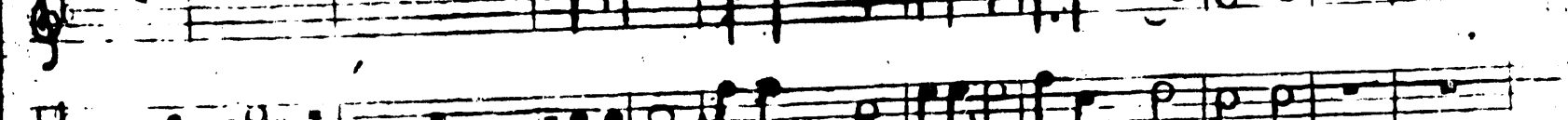
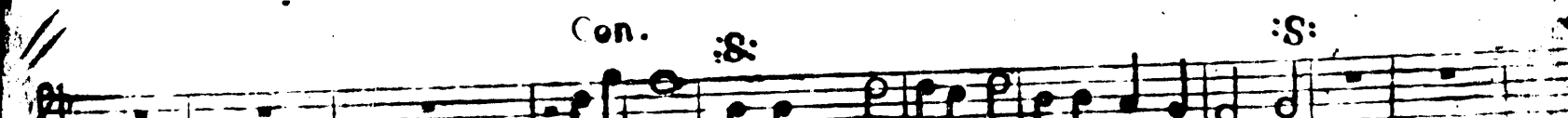


d for the living God for the living God

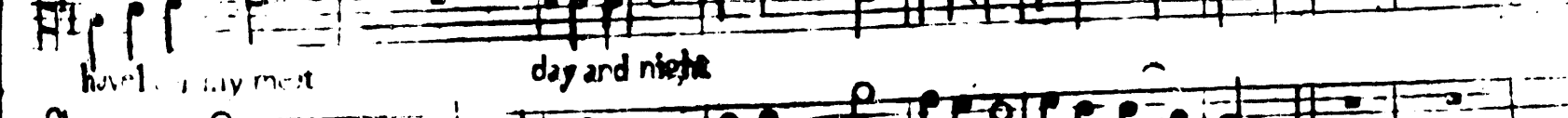
Con.

:S:

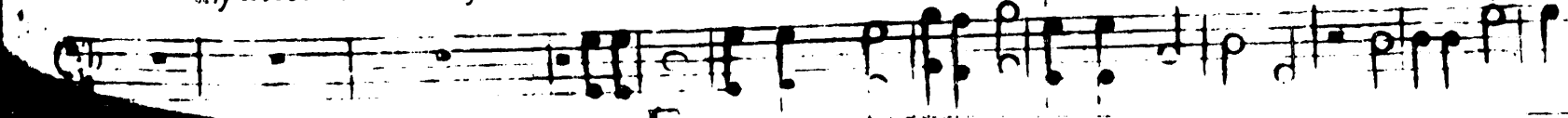
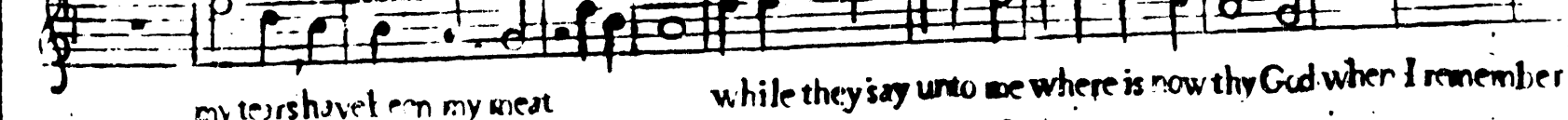
:S:



have in my meat day and night

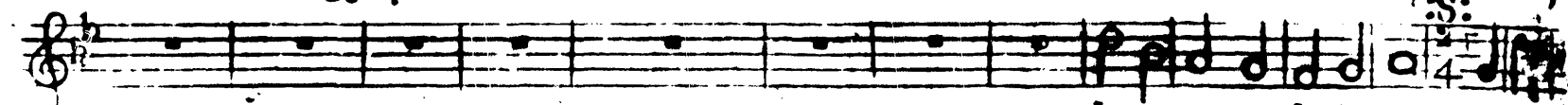


my tears have in my meat while they say unto me where is now thy God when I remember



Con.

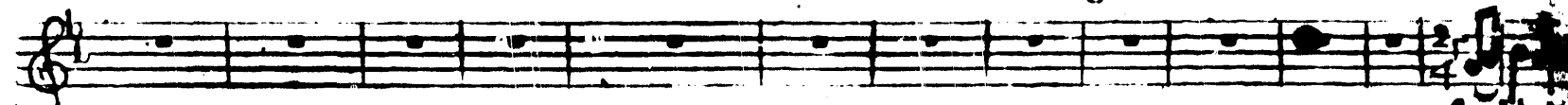
(vivace.)



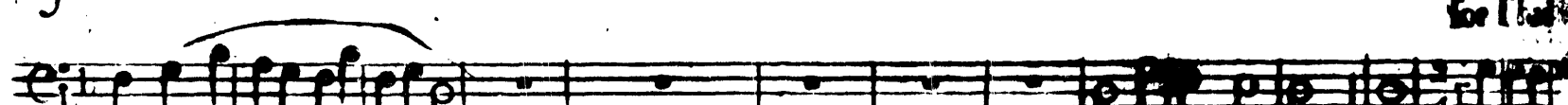
I pour out my soul in me



when I remember these things

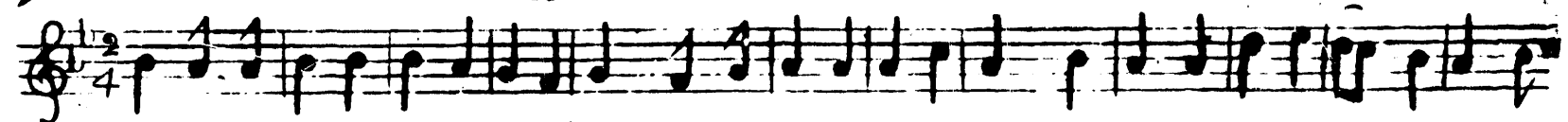


for I had

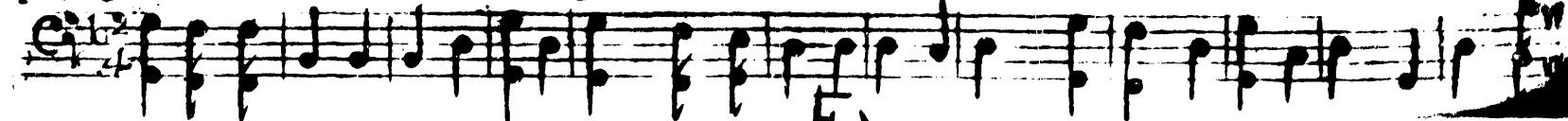


these things

Con.

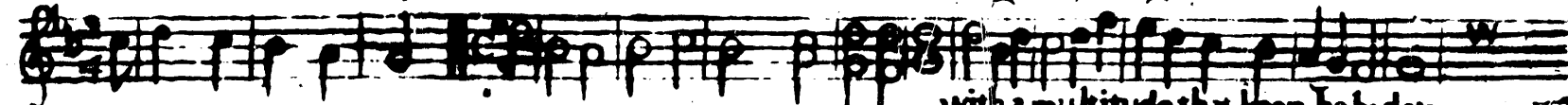


gone with the multitude for I had gone with the multitude I went with them into the house of God with

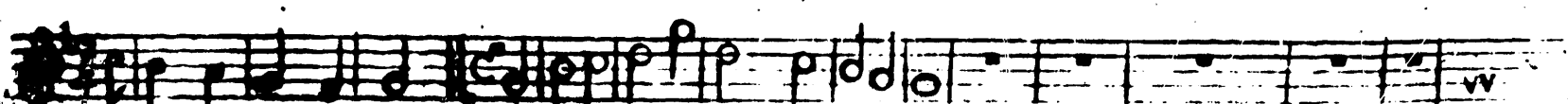
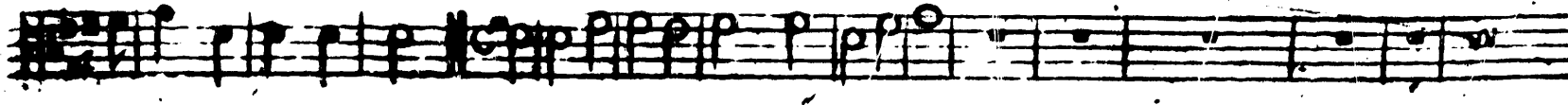


Con.

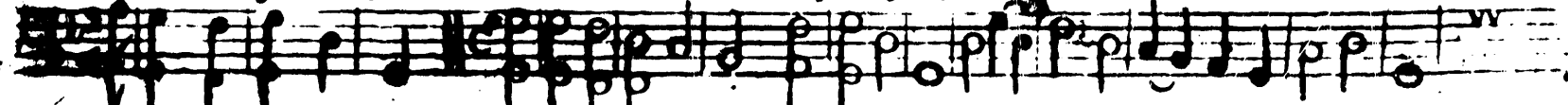
gravissonos.



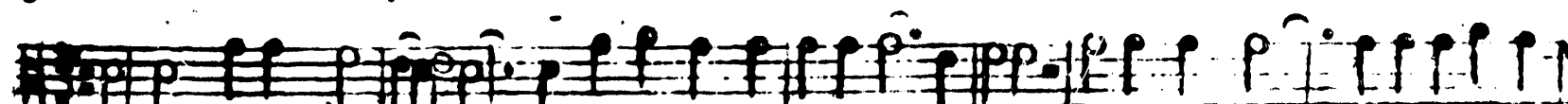
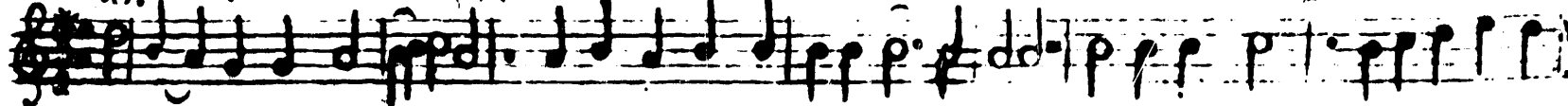
with a multitude that keep holy day



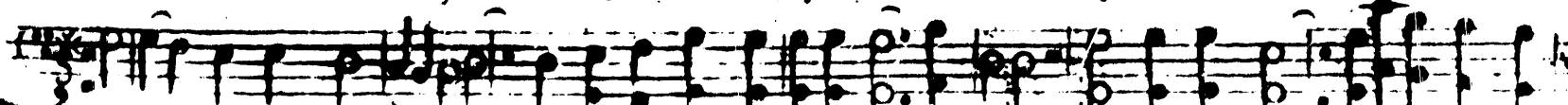
the voice of joy and praise with a multitude that keep holy day



Sharp key. Con.



why art thou cast down O my soul & why art thou disquieted within me hope thou in god for I shall yet praise



Con.

:S: b key Adagio

O my

him for the help of his countenance O my God my soul is cast down within me
therefore will I remember thee & from the land of

Con

God my soul is cast down within me
and from y hill of misar
ar - - - d from y land of Jordan

and from y hill of misar
for - dan
therefore w I remember y & from y land of Jordan

Con

:S:

all thy waves & thy billows are gone over
deep called unto dee - - - -p

deep called unto deep
deep called unto deep

Con.

:S: sharp key

(Vivace)

all thy waves & thy billows are gone over me why art thou cast down O my soul & why art thou disquieted

Con.

1 2 :3:

Halle-lu
Halle-lu
Halle-lu

in me hope thou in god for I shall yet praise him for the light of his countenance Halle-lujah Halle-lujah

Halle-lu

Con.

jah Halle-lu-jah
jah Amen Amen Amen Halle-lu-jah Amen Amen Ha--
jah Hal-le-lujah Halle-lujah Hal-le-lujah Halle-lujah Hal-le-lujah Halle-lujah Ha--

Con.

Adagio.

5:

Amen Amen Amen Ameⁿ Amen Amen Amen Hal-le-lu-jah
le-lu-jah Amen Am-en Amen Ameⁿ Amen Amen Halle-lujah
le-lujah Halle-lujah Halle-lujah
le-lu-jah Amen Amen Amen Amen

Con

Adagio

5:2

Hal-le-lu-jah Amen
Amen Amen Amen
Hal-le-lu-jah Ha-le-lujah Halle-lujah amen amen Halle-lujah Halle-lujah
Hal-le-lu-jah Amen Amen Amen

Maschusets words by P M As 140th Psalm

Musical staff with notes and lyrics: (And children of learning unite in)

Musical staff with notes and lyrics: (then come let us sing & shout in a throng)

Musical staff with notes and lyrics: (Great is the lord god, & thunder's his voice) (Let all of true wisdom before him rejoice)

Musical staff with notes and lyrics: (Great is the lord god, & thunder's his voice) (Let all of true wisdom before him rejoice)

Bridgewater or Evening Hymn. L.M.

Musical staff with notes and lyrics: Majestyck God when I descry. (the planetary world on high, wher I turn my wondering eyes.)

Musical staff with notes and lyrics: (in lost in raptur, and surpris.)

Musical staff with notes and lyrics: (Creator of these orbs of light, kindly Protect me in y night, th, in y morn when I arise, accept my gratef il Sacrific)

Musical staff with notes and lyrics: (Creator of these orbs of light, kindly Protect me in y night, th, in y morn when I arise, accept my gratef il Sacrific)

Pleasant Street. L.M.

Musical staff with notes and lyrics: Pleasant Street. L.M.

Musical staff with notes and lyrics: Pleasant Street. L.M.

Musical staff with notes and lyrics: Pleasant Street. L.M.

Musical staff with notes and lyrics: Pleasant Street. L.M.

Nantasket. L.M.

Musical staff with notes and lyrics: Nantasket. L.M.

Musical staff with notes and lyrics: Nantasket. L.M.

Musical staff with notes and lyrics: Nantasket. L.M.

Musical staff with notes and lyrics: Nantasket. L.M.

F

Stoughton. CM.

Musical score for Stoughton, CM. The piece is in 3/4 time and consists of four staves. The first two staves are in treble clef, and the last two are in bass clef. The music features a variety of note values, including quarter, eighth, and sixteenth notes, as well as rests and triplet markings.

Orange Street. CM.

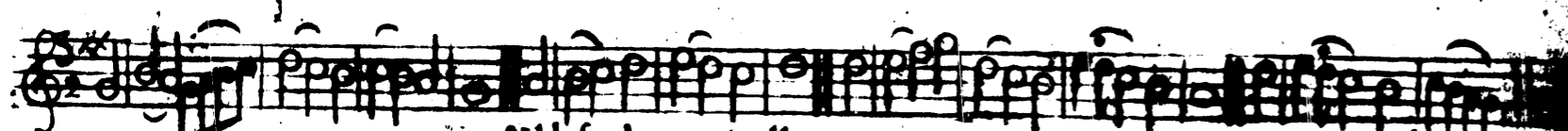
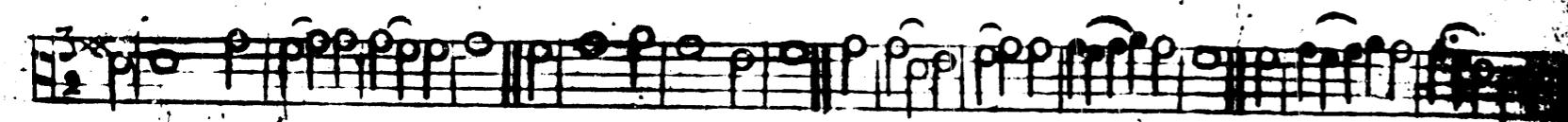
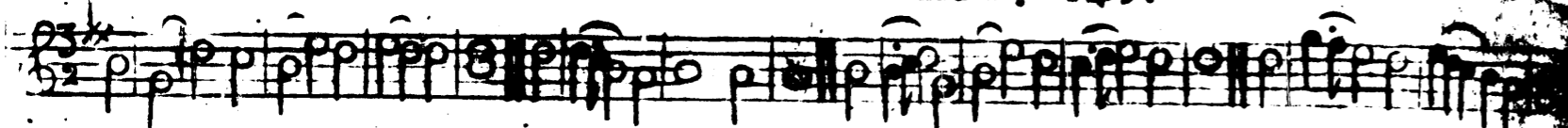
Musical score for Orange Street, CM. The piece is in 3/4 time and consists of four staves. The first two staves are in treble clef, and the last two are in bass clef. The music features a variety of note values, including quarter, eighth, and sixteenth notes, as well as rests and triplet markings. A dynamic marking 'F' is visible at the bottom of the fourth staff.

Branetree PM.

Musical score for Branetree, PM. The piece is in 3/4 time and consists of four staves. The first two staves are in treble clef, and the last two are in bass clef. The music features a variety of note values, including quarter, eighth, and sixteenth notes, as well as rests and triplet markings.

Con.

Musical score for Branetree, PM. The piece is in 3/4 time and consists of four staves. The first two staves are in treble clef, and the last two are in bass clef. The music features a variety of note values, including quarter, eighth, and sixteenth notes, as well as rests and triplet markings. A double bar line is present at the end of the first staff.



& bless thy name allway.

& constant homage

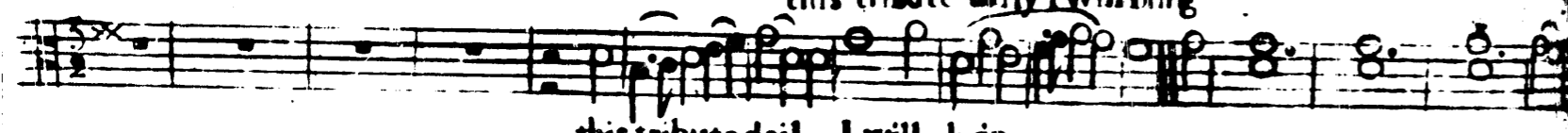
the will I laud my God & king.

this tribute daily will I bring.

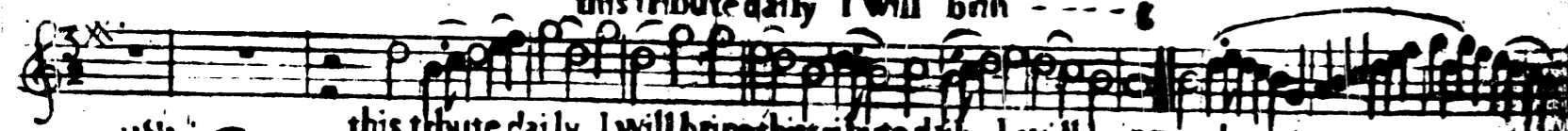
Con.



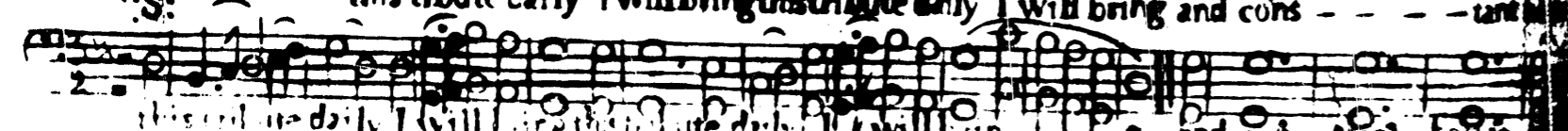
this tribute daily I will bring



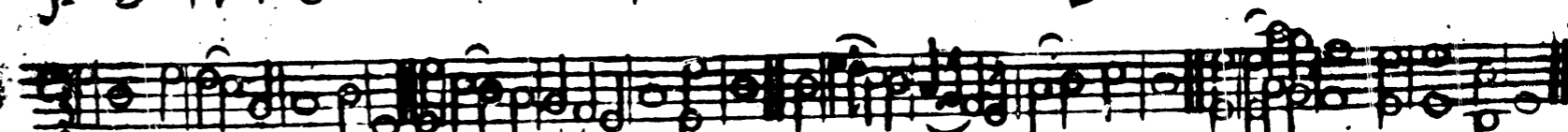
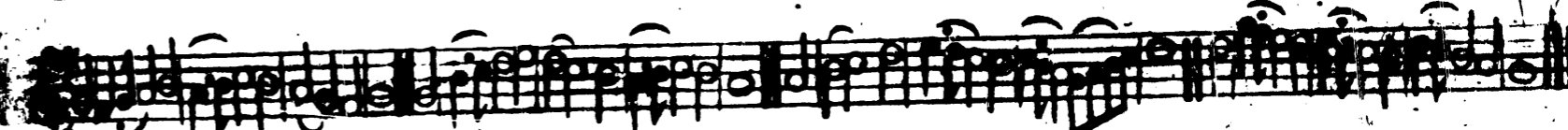
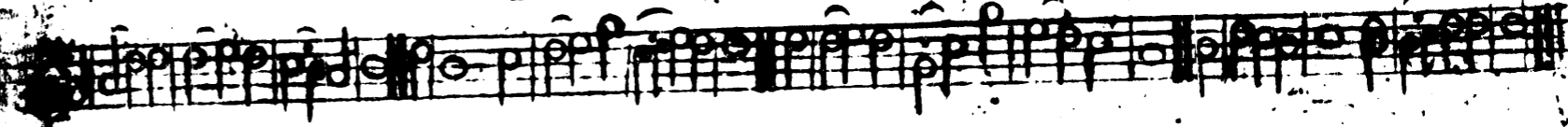
this tribute daily I will bring



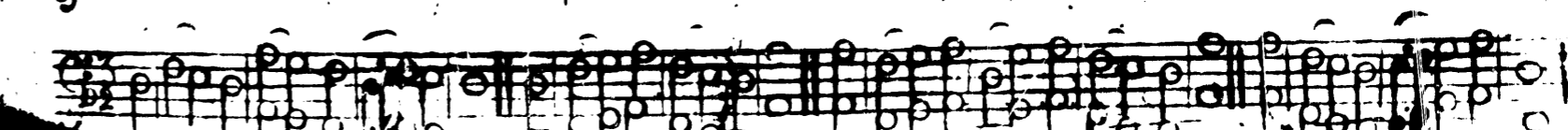
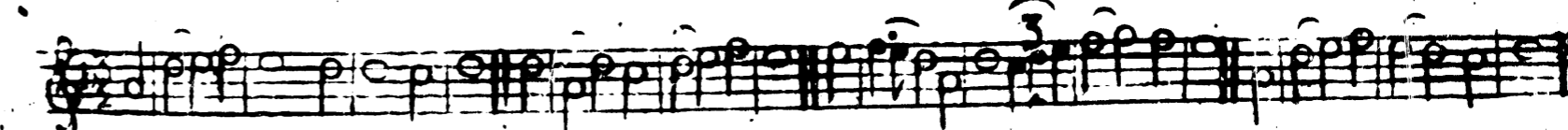
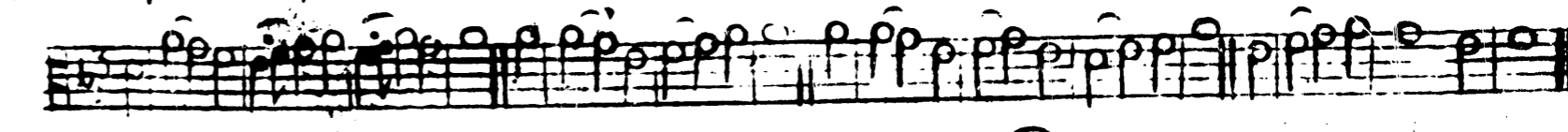
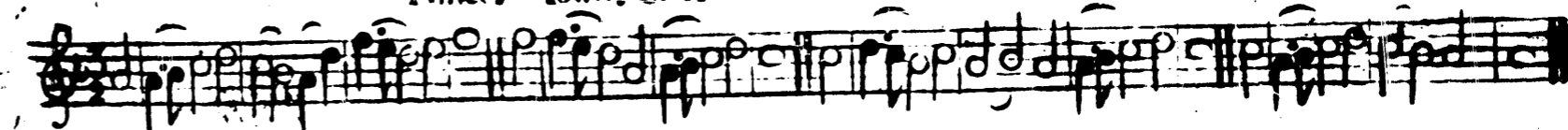
this tribute daily I will bring this tribute daily I will bring and cons - tant

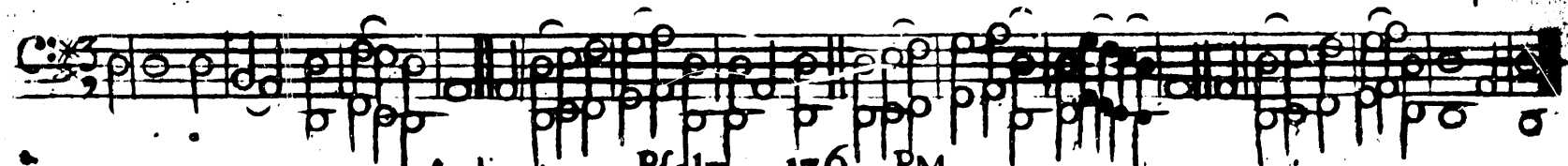
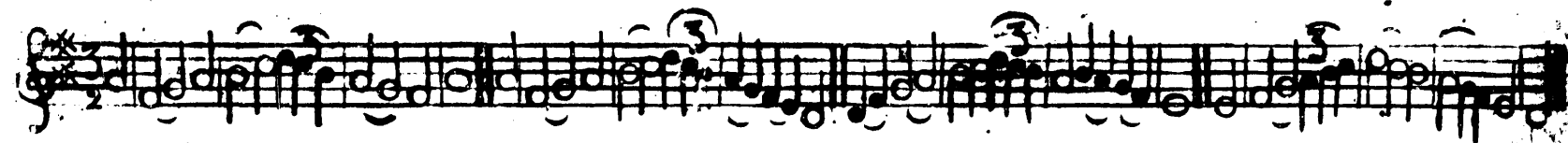
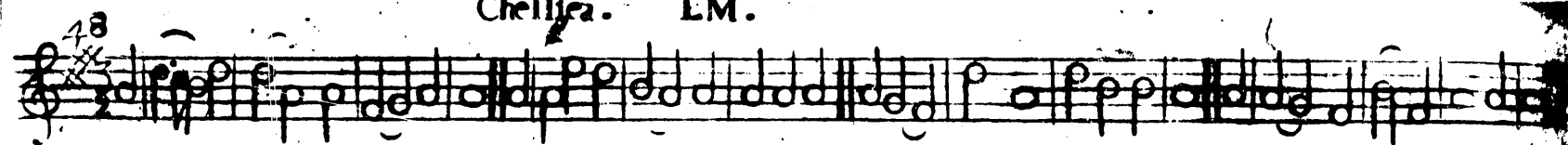


this tribute daily I will bring this tribute daily I will bring and constant homage

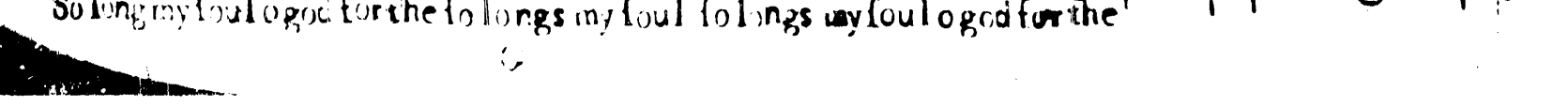
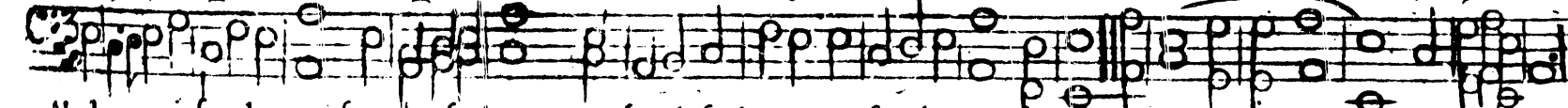
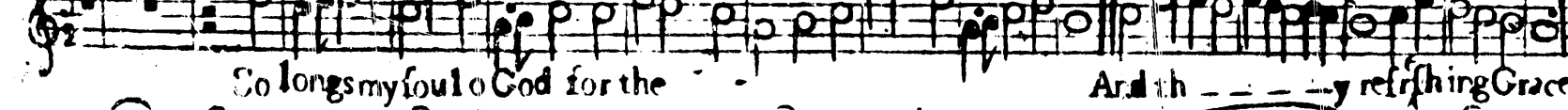
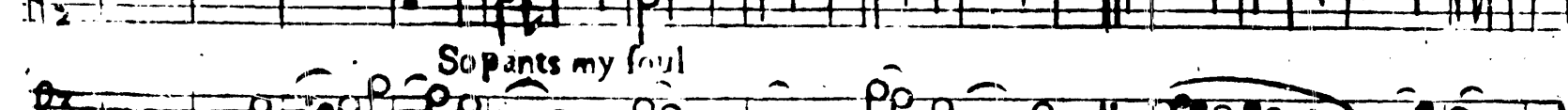
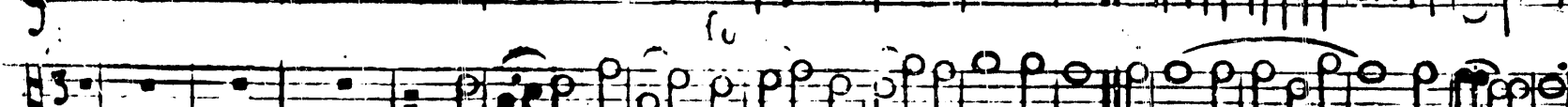
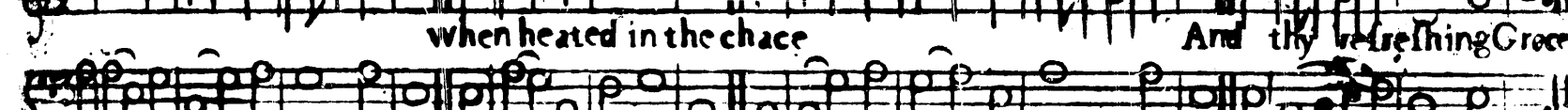
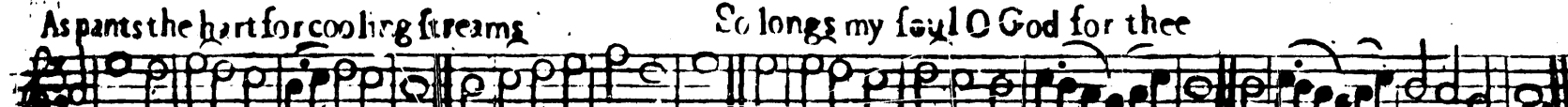
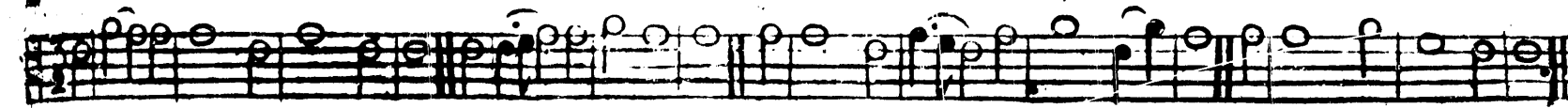
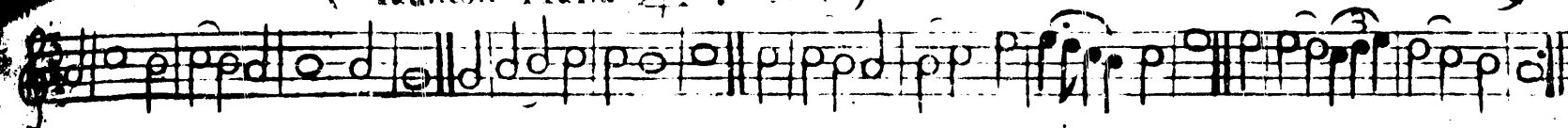
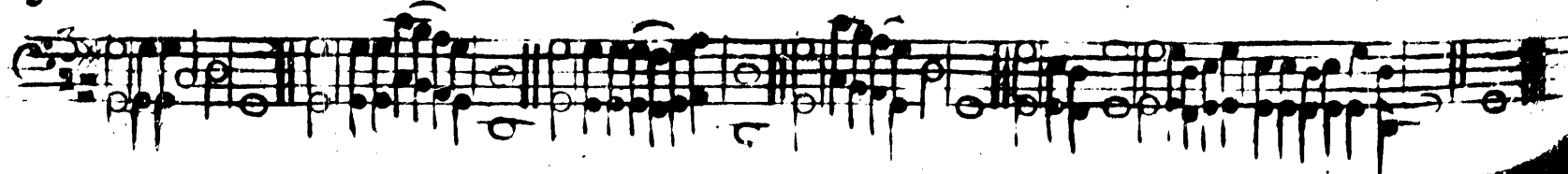
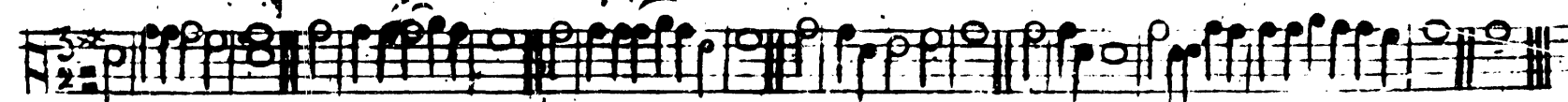
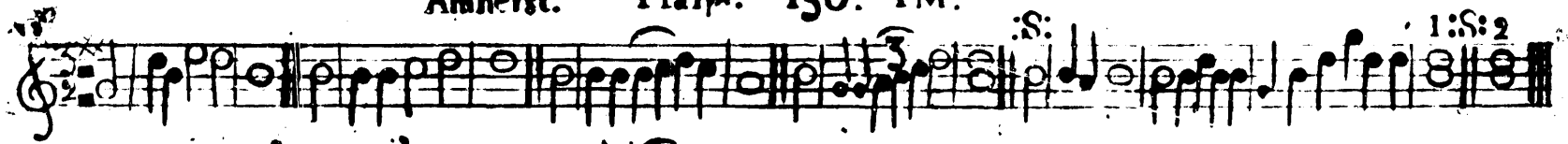


Prince. Town. CM.





Amherst. Psalm. 136. PM.



As pants the hart for cooling streams So longs my soul O God for thee
when heated in the chace And thy refreshing Grace

S: (Chc.) (Con. S:

So pants my soul
So longs my soul O God for the And th --- y refreshing Grace

So long my soul o god for the so longs my soul so longs my soul o god for the

because y lord is terrible & king of all the Earth

O clap your hand & shout for joy with triumph & wth mirth

Con.

God has ascended with a shout & with the trumpets sound O sing his praises evermore & let his name resound

J the lord descended from above & bow'd the heavens most high & underneath his feet he cast the dar

Con.

kneels of the sky the darkness of the sky

or cherubs & on cherubims full royally he rode & on y wings of mighty

Continued

on cherubs & on cherubims full royally he rode and on the wings of mighty winds
wings came flying all abroad

(Grave)

Con.

Came fly - - - - - ing all abroad the Lord descended from above & low

Con.

the heavens most high & underneath his feet he cast the darkness of the sky on cherubs & on cherubims

Con.

Came flying - - - - - all abroad
full royally he rode and on the wings of mighty winds Came fly - - - - - ing all the world

Con.

descended from above and bowed the heavens most high and underneath in his feet he cast the dar

Con.

ness of the sky on cherubs and on cherubims full roy ally he rode on the wings of mighty winds

Con. S. Choro. Grando.

Hallelujah Praise ye the lord Amen Hallelujah A
Amen Amen Halle lujah Amen Halle
Came fly ing all abroad Came flyin g all abroad Hallelu jah Amen Praise ye the ld A
Amen Amen Praise ye y Ld Amen Halle

Con.

men Amen Amen Halle lujah Amen Amen Amen Amen Amen Amen
men Amen Amen Halle lujah Amen Amen Amen Amen Amen Amen

Con.

:S:

Lord Hallelujah Hallelujah Praise y Ld Amen Ame - - n Hallelujah Amen Amen Amen

men Praise y Ld Amen Amen Amen Amen Amen Amen Amen Amen Amen

Amen Amen Amen Amen Amen Hal. :||: :||: Amen Amen

le-lu-jah Amen Hal. Amen Ara Amen Amen Amen Amen Amen Amen

Con.

:S:

(Adagio)

(A Canon of 4 in 1)

Amen Hallelujah Amen when Jesus wept, the falling tear,

Amen Hallelujah Amen In mercy flow'd beyond all bound;

Amen A me - - - n Amen Hallelujah Amen Amen when Jesus groan'd a trembling tear,

Amen Amen Hallelujah foist'd all y guilty world around.

Pia

SM.

Con

:S:

1 :S:2

Freedom. SM.

Musical notation for the hymn 'Freedom. SM.' on page 58. It consists of four staves of music. The first two staves are in treble clef, and the last two are in bass clef. The music is written in a common time signature (C) and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Tower Hill. CM.

Musical notation for the hymn 'Tower Hill. CM.' on page 58. It consists of four staves of music. The first two staves are in treble clef, and the last two are in bass clef. The music is written in a common time signature (C) and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Newington. SM.

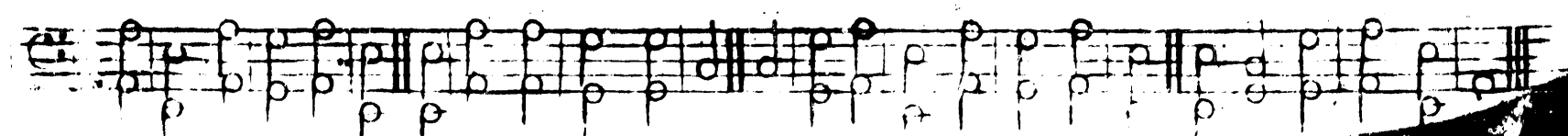
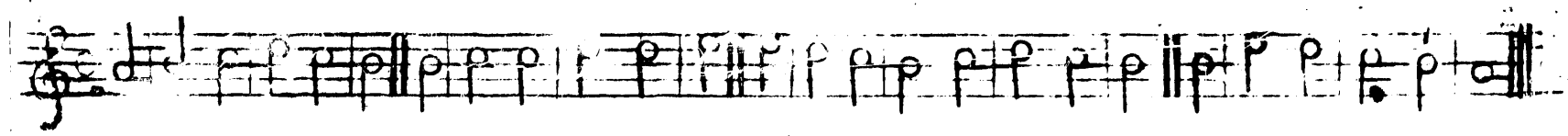
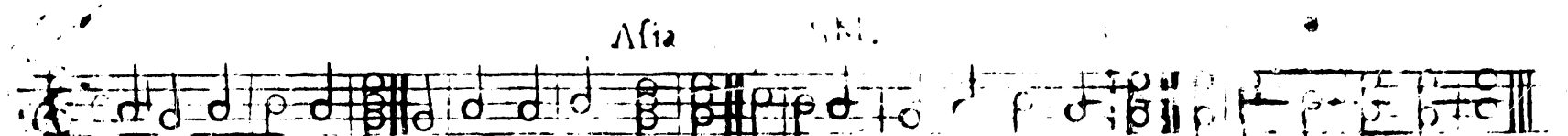
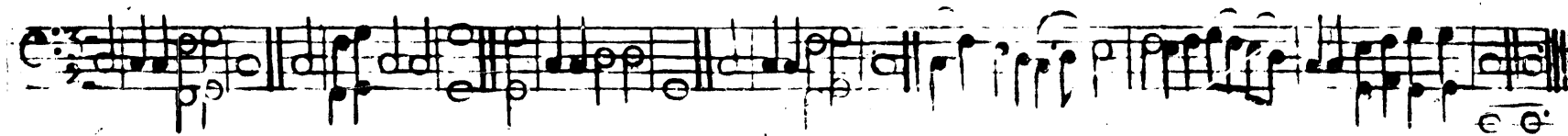
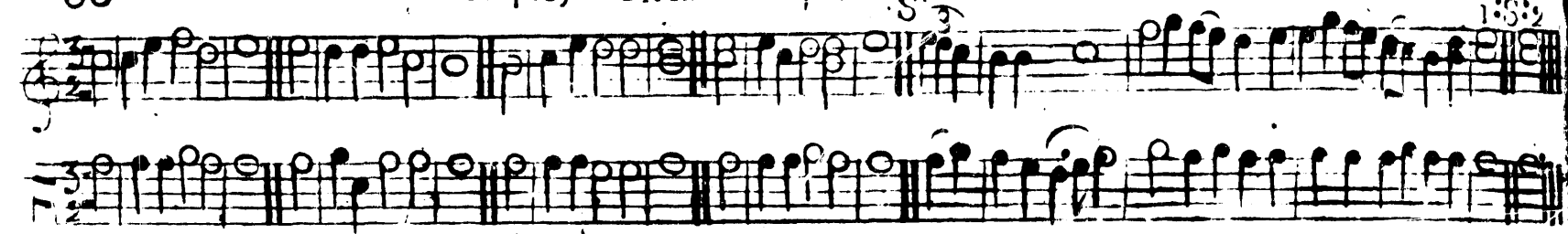
Musical notation for the hymn 'Newington. SM.' on page 59. It consists of four staves of music. The first two staves are in treble clef, and the last two are in bass clef. The music is written in a common time signature (C) and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

which firks our souls to hell.

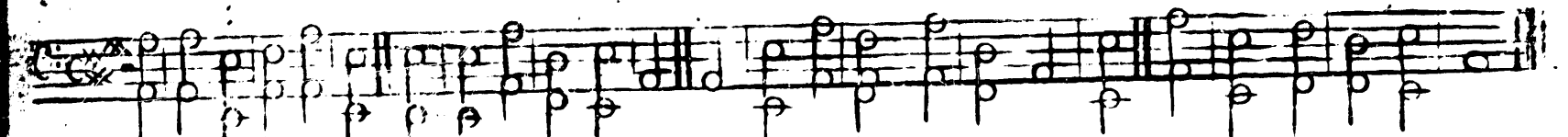
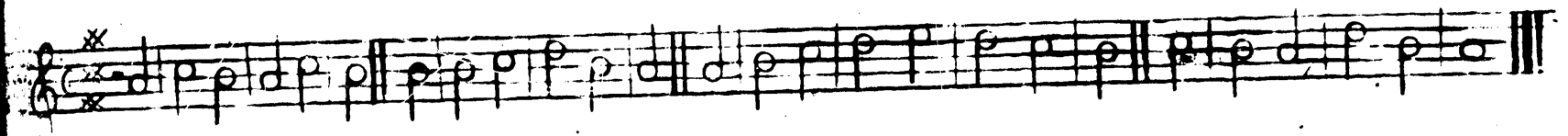
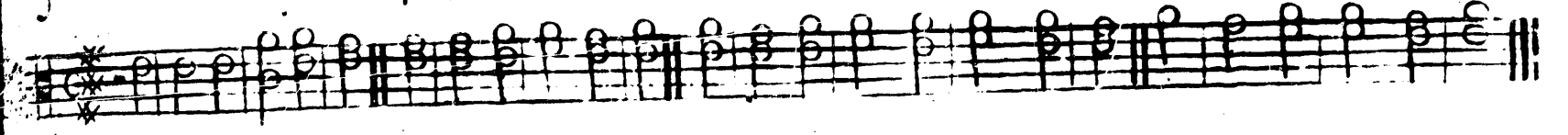
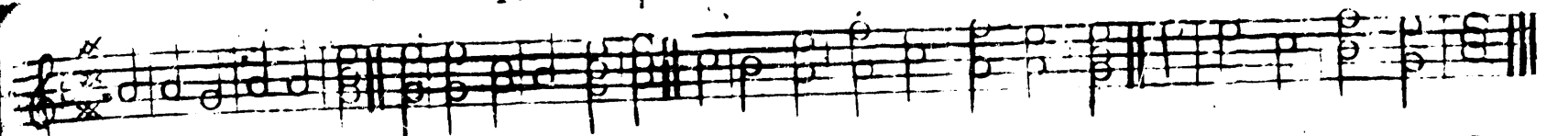
Death O the awful sound: what horrors in it well; the second Death is the Death I mean

Attleborough. SM.

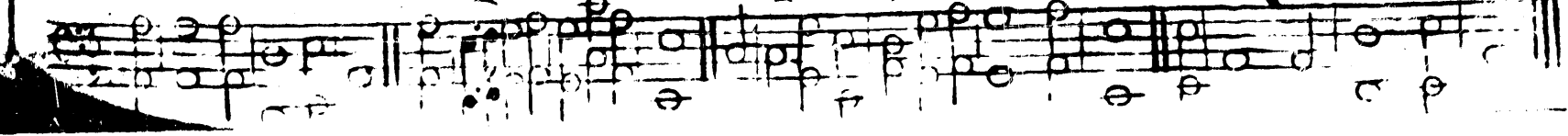
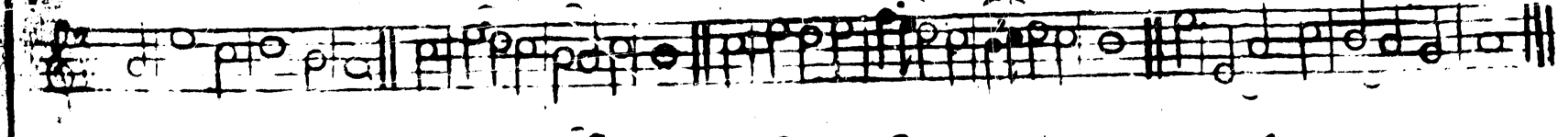
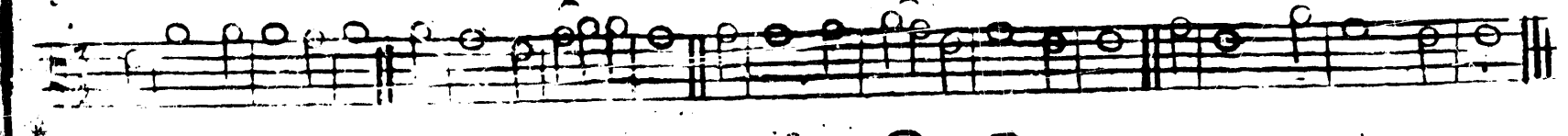
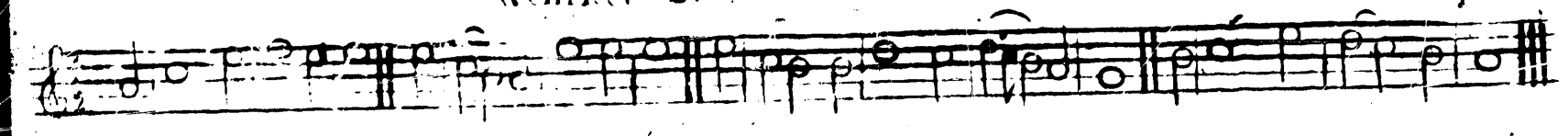
Musical notation for the hymn 'Attleborough. SM.' on page 59. It consists of four staves of music. The first two staves are in treble clef, and the last two are in bass clef. The music is written in a common time signature (C) and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.



Alia S.M.



Wellfleet S.M.



Musical notation for Estham, C.M. (Measures 1-12). The piece is in 3/4 time. The first staff is the treble clef, and the second is the bass clef. The melody in the treble clef consists of quarter and eighth notes, while the bass clef provides a steady accompaniment of quarter notes.

Musical notation for Estham, C.M. (Measures 13-24). The notation continues with similar rhythmic patterns, featuring a mix of quarter and eighth notes in both staves.

Musical notation for Middlesex, C.M. (Measures 1-12). The piece is in 3/4 time. The treble clef staff features a melody of quarter notes, and the bass clef staff has a simple accompaniment of quarter notes.

Musical notation for Middlesex, C.M. (Measures 13-24). The notation continues with a consistent rhythmic structure of quarter notes in both staves.

Musical notation for Chesterfield, C.M. (Measures 1-12). The piece is in 3/4 time. The treble clef staff has a melody of quarter notes, and the bass clef staff has a steady accompaniment of quarter notes.

Musical notation for Chesterfield, C.M. (Measures 13-24). The notation continues with similar rhythmic patterns in both staves.

Musical notation for Walslow, S.M. (Measures 1-12). The piece is in 3/4 time. The treble clef staff features a melody of quarter notes, and the bass clef staff has a simple accompaniment of quarter notes.

Musical notation for Walslow, S.M. (Measures 13-24). The notation continues with a consistent rhythmic structure of quarter notes in both staves.

Uxbridge, C.M.

Musical score for 'Uxbridge, C.M.' consisting of four staves. The first staff is in treble clef with a key signature of one flat and a 2/4 time signature. The second staff is in bass clef. The third and fourth staves are in treble clef. The music features a variety of note values including eighth and sixteenth notes, often beamed together, and rests.

Jamacia, L.M.

Musical score for 'Jamacia, L.M.' consisting of four staves. The first staff is in treble clef with a key signature of one flat and a 2/4 time signature. The second staff is in bass clef. The third and fourth staves are in treble clef. The music is characterized by a steady eighth-note accompaniment in the lower staves and a more melodic line in the upper staves.

Else, C.M.

Musical score for 'Else, C.M.' consisting of four staves. The first staff is in treble clef with a key signature of one flat and a 2/4 time signature. The second staff is in bass clef. The third and fourth staves are in treble clef. The music features a mix of quarter and eighth notes with some rests.

Andover, C.M.

Musical score for 'Andover, C.M.' consisting of four staves. The first staff is in treble clef with a key signature of one flat and a 2/4 time signature. The second staff is in bass clef. The third and fourth staves are in treble clef. The music is a rhythmic piece with many eighth and sixteenth notes.

Le cripton. I.M.

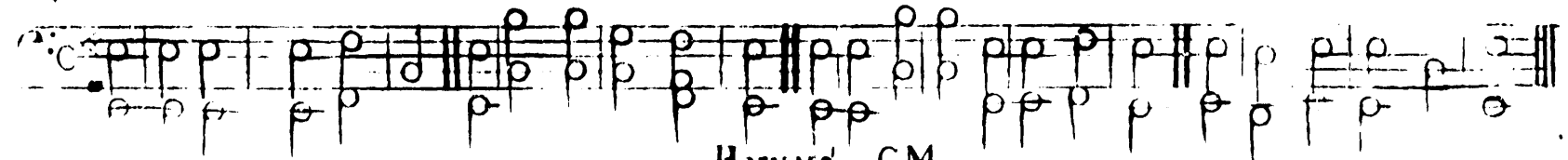
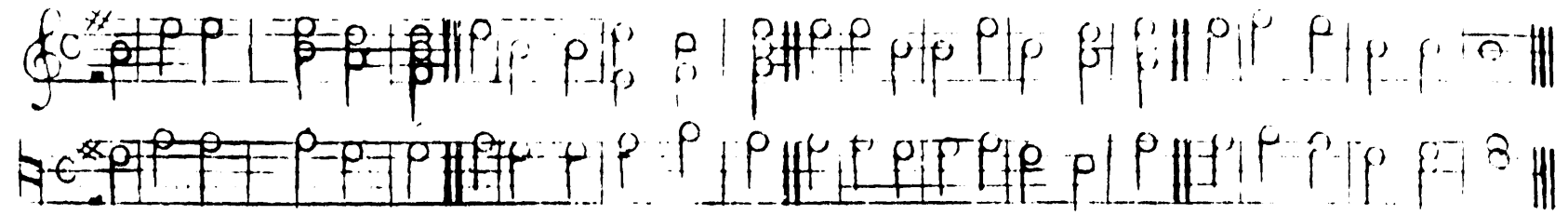
Musical score for 'Le cripton' in I.M. (1/2) time. The score consists of six systems of two staves each. The notation includes various rhythmic values such as eighth and sixteenth notes, rests, and bar lines. The piece concludes with a double bar line and repeat dots.

Barre. C.M.

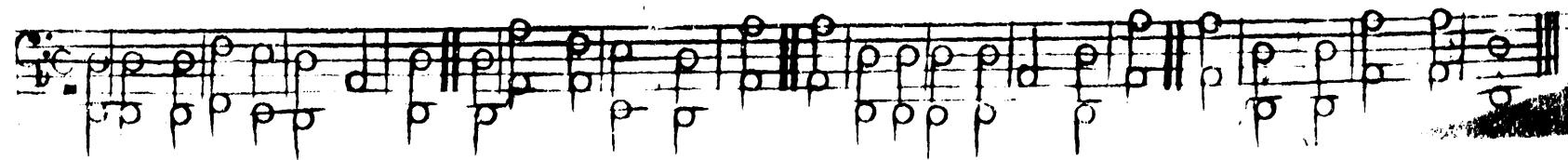
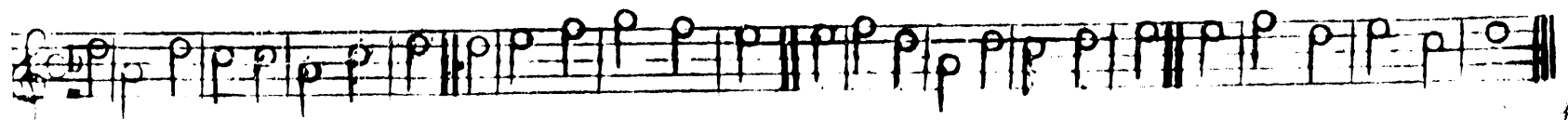
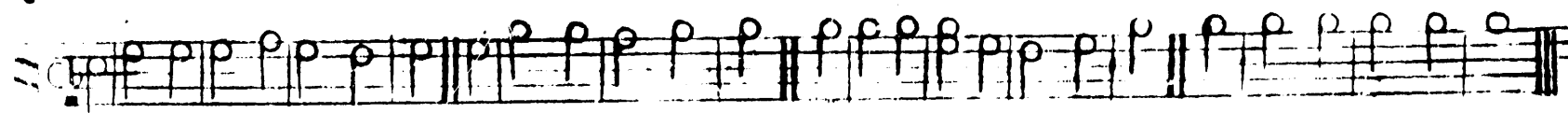
Musical score for 'Barre' in C.M. (1/2) time. The score consists of six systems of two staves each. The notation includes various rhythmic values such as eighth and sixteenth notes, rests, and bar lines. The piece concludes with a double bar line and repeat dots.

63

Northfield. S.M.

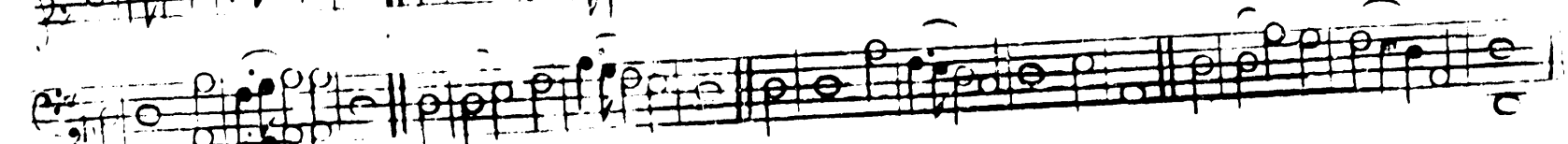
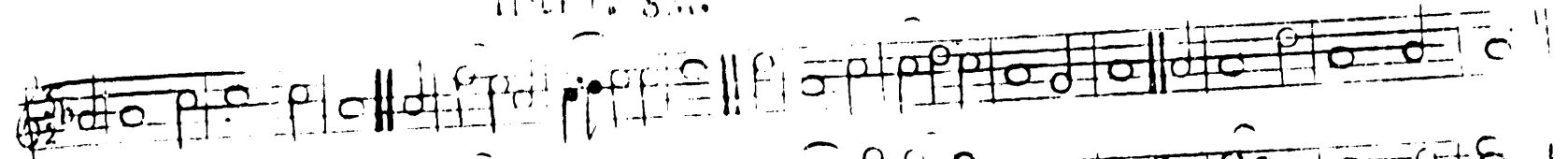


Harvard. C.M.

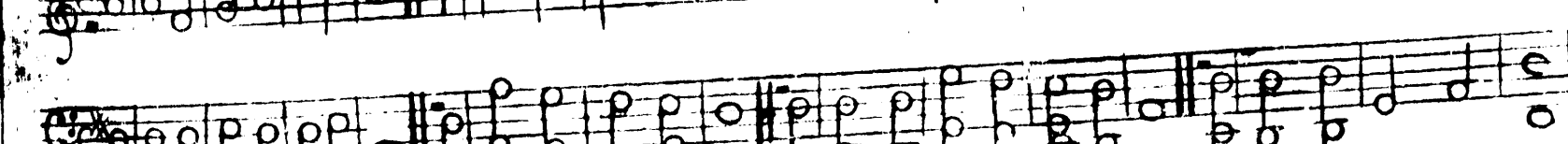
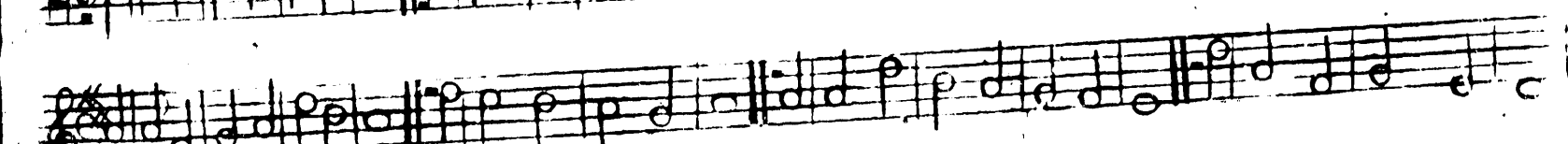
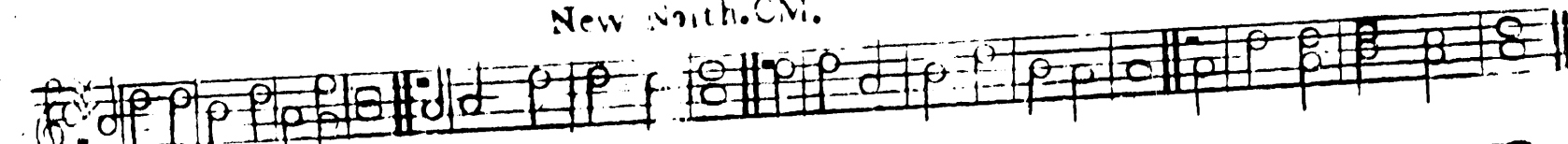


114. S.M.

64



New North. C.M.



Dighton. C M

Musical score for the hymn 'Dighton' in Common Meter (C M). It consists of four staves of music. The first staff is the treble clef melody, and the second is the bass clef accompaniment. The third and fourth staves provide a second part of the melody and its accompaniment. The music is written in 3/4 time and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Lynn. C M

Musical score for the hymn 'Lynn' in Common Meter (C M). It consists of four staves of music. The first staff is the treble clef melody, and the second is the bass clef accompaniment. The third and fourth staves provide a second part of the melody and its accompaniment. The music is written in 3/4 time and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Westfield. L M

Musical score for the hymn 'Westfield' in Long Meter (L M). It consists of four staves of music. The first staff is the treble clef melody, and the second is the bass clef accompaniment. The third and fourth staves provide a second part of the melody and its accompaniment. The music is written in 4/4 time and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Marblehead. C M

Musical score for the hymn 'Marblehead' in Common Meter (C M). It consists of four staves of music. The first staff is the treble clef melody, and the second is the bass clef accompaniment. The third and fourth staves provide a second part of the melody and its accompaniment. The music is written in 3/4 time and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

IPSWICH. CM.

Musical score for Ipswich, CM. It consists of four staves of music. The first two staves are in treble clef, and the last two are in bass clef. The music is in common time (C.M.).

SWANSEY. CM.

Musical score for Swansea, CM. It consists of four staves of music. The first two staves are in treble clef, and the last two are in bass clef. The music is in common time (C.M.).

Dickinson. SM.

Musical score for Dickinson, SM. It consists of four staves of music. The first two staves are in treble clef, and the last two are in bass clef. The music is in common time (S.M.).

Purchase Street. SM.

Musical score for Purchase Street, SM. It consists of four staves of music. The first two staves are in treble clef, and the last two are in bass clef. The music is in common time (S.M.).

Middletown. S.M.

Musical notation for Middletown. S.M. consisting of four staves. The first staff is the vocal line in 4/4 time, starting with a treble clef and a key signature of one flat. The second and fourth staves are piano accompaniment in 4/4 time, starting with a bass clef and a key signature of one flat. The third staff is a second vocal line in 4/4 time, starting with a treble clef and a key signature of one flat.

Shirley. L.M.

Musical notation for Shirley. L.M. consisting of four staves. The first staff is the vocal line in 4/4 time, starting with a treble clef and a key signature of one flat. The second and fourth staves are piano accompaniment in 4/4 time, starting with a bass clef and a key signature of one flat. The third staff is a second vocal line in 4/4 time, starting with a treble clef and a key signature of one flat.

Harover. L.M.

Musical notation for Harover. L.M. consisting of four staves. The first staff is the vocal line in 4/4 time, starting with a treble clef and a key signature of one flat. The second and fourth staves are piano accompaniment in 4/4 time, starting with a bass clef and a key signature of one flat. The third staff is a second vocal line in 4/4 time, starting with a treble clef and a key signature of one flat. Lyrics are written between the second and third staves.

Bliss'd is the man supremely bless'd. (He by his Judge shall stand confess'd.)
 (Whose trust is in the living God.) (While sinners feel the awful rod.)

Harover New. C.M.

Musical notation for Harover New. C.M. consisting of four staves. The first staff is the vocal line in 3/4 time, starting with a treble clef and a key signature of one flat. The second and fourth staves are piano accompaniment in 3/4 time, starting with a bass clef and a key signature of one flat. The third staff is a second vocal line in 3/4 time, starting with a treble clef and a key signature of one flat.

Georgia L.M.

Musical score for Georgia L.M. consisting of four staves. The first and third staves are in treble clef, and the second and fourth staves are in bass clef. The music is written in a common time signature and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Marthfield L.M.

Musical score for Marthfield L.M. consisting of four staves. The first and third staves are in treble clef, and the second and fourth staves are in bass clef. The music is written in a common time signature and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Lincoln S.M.

Musical score for Lincoln S.M. consisting of four staves. The first and third staves are in treble clef, and the second and fourth staves are in bass clef. The music is written in a common time signature and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Orleans C.M.

Musical score for Orleans C.M. consisting of four staves. The first and third staves are in treble clef, and the second and fourth staves are in bass clef. The music is written in a common time signature and features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Providence. L.M.

Musical score for 'Providence. L.M.' consisting of four staves. The top staff is in treble clef with a 3/4 time signature. The second and fourth staves are in bass clef with a 3/4 time signature. The third staff is in treble clef with a 3/4 time signature. The music features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Dorchester. C.M.

Musical score for 'Dorchester. C.M.' consisting of four staves. The top staff is in treble clef with a 3/4 time signature. The second and fourth staves are in bass clef with a 3/4 time signature. The third staff is in treble clef with a 3/4 time signature. The music features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Musical score for 'Nº 45. PM' consisting of four staves. The top staff is in treble clef with a 3/4 time signature. The second and fourth staves are in bass clef with a 3/4 time signature. The third staff is in treble clef with a 3/4 time signature. The music features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Con

Musical score for 'Con' consisting of four staves. The top staff is in treble clef with a 3/4 time signature. The second and fourth staves are in bass clef with a 3/4 time signature. The third staff is in treble clef with a 3/4 time signature. The music features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines. There are first and second endings marked with '1' and '2' above the notes.

The 15th Psalm. (M.)

First system of musical notation for the 15th Psalm, page 80. It consists of two staves: a vocal line in treble clef and a piano accompaniment line in bass clef. The music is in 3/4 time and features a melody of eighth and quarter notes.

Second system of musical notation for the 15th Psalm, page 80. It consists of two staves. The vocal line includes a triplet of eighth notes. The piano accompaniment continues with chords and moving lines.

WILKS. words by P.M. (M.)

Third system of musical notation for the 15th Psalm, page 80. It consists of two staves. The vocal line has a fermata over a note. The piano accompaniment features a more active bass line.

Fourth system of musical notation for the 15th Psalm, page 80. It consists of two staves. The vocal line continues with a melodic line. The piano accompaniment provides harmonic support.

Fifth system of musical notation for the 15th Psalm, page 80. It consists of two staves. The vocal line concludes with a final note. The piano accompaniment ends with a cadence.

The thunder matters forth thy Praise, } the stormy winds their tempest raise }
 The fire & hail fulfill thy word; } to thee, their only so'veign Lord. }

(Diviso)

Anthem Psalm the 143 for fast day

First system of musical notation for the Anthem Psalm 143, page 81. It consists of two staves. The vocal line begins with a melodic phrase. The piano accompaniment starts with a steady bass line.

Second system of musical notation for the Anthem Psalm 143, page 81. It consists of two staves. The vocal line continues with a melodic line. The piano accompaniment features a more active bass line.

Con.

Third system of musical notation for the Anthem Psalm 143, page 81. It consists of two staves. The vocal line has a fermata over a note. The piano accompaniment continues with chords and moving lines.

Fourth system of musical notation for the Anthem Psalm 143, page 81. It consists of two staves. The vocal line continues with a melodic line. The piano accompaniment provides harmonic support.

Fifth system of musical notation for the Anthem Psalm 143, page 81. It consists of two staves. The vocal line concludes with a final note. The piano accompaniment ends with a cadence.

For thy fight our no man living, the Justified

32

15:2

Con

I meditate on all thy works I muse

ht can no man living be Justified I remember the days of old I muse

Con

on the works of thy hands I remember the days of old I meditate on all thy works I muse on the works of thy hands

Con

g. Lamentation

S: 57

my soul thirsteth after thee as dry as a dry and athirsty Lord

Divato

I stretch forth my hands unto the Lord hear

Con

Piano

(Vigoro.)

hear me speedily O Lord my god

hear me speedily O Lord

hear me speedily O Lord my god my spirit faileth hide not thy face from me

Con Lento

Medford. L.M.

Musical notation for the hymn 'Medford. L.M.' consisting of four staves of music. The notation includes treble and bass clefs, a key signature of one flat, and a common time signature. The music features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Holl's L.M.

Musical notation for the hymn 'Holl's L.M.' consisting of four staves of music. The notation includes treble and bass clefs, a key signature of one flat, and a common time signature. The music features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Newport. L.M.

Musical notation for the hymn 'Newport. L.M.' consisting of four staves of music. The notation includes treble and bass clefs, a key signature of one flat, and a common time signature. The music features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

Williamburgh. C.M.

Musical notation for the hymn 'Williamburgh. C.M.' consisting of four staves of music. The notation includes treble and bass clefs, a key signature of one flat, and a common time signature. The music features a variety of note values including quarter, eighth, and sixteenth notes, along with rests and bar lines.

emphatically proclaims
 and teacheth by precepts to obey,
 and fear the glorious

Musical notation for the first system on page 28, including vocal line and piano accompaniment.

Musical notation for the second system on page 28, including vocal line and piano accompaniment.

Con.

Musical notation for the first system on page 29, including vocal line and piano accompaniment.

Musical notation for the second system on page 29, including vocal line and piano accompaniment.

Cho. Con

the Lord him- If the mighty Lord vouchsafes to be my guide the shepherd by whose constant care

my wants are all supply'd the shepherd by whose constant care my wants are all supply'd

Europe. (N.)

& trills upon our tongue

1. Let whig and torie all subside, & politicks be dumb, A nobler theme Inspires our muse, &c

2. O praise the lord with one consent, & in this grand design, let briton & her Colonies unanimously join

A nobler theme Inspires our muse and trills up - on our tongue

A nobler theme Inspires our muse A nobler theme Inspires our muse

A nobler theme Inspires our muse A noble r theme Inspire s our muse

A Nobler & Let Britan &c

A nobler Let Britan

M 2

unanimously joy

and trills upon our tongue

and trills upon our tongue and trill &c

and trills &c

(And say my Clank her calling (Lair's) (Newer gods god for ever remain)

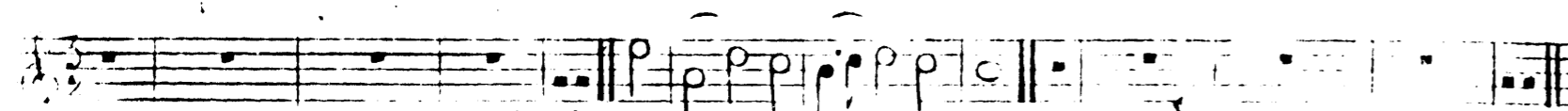
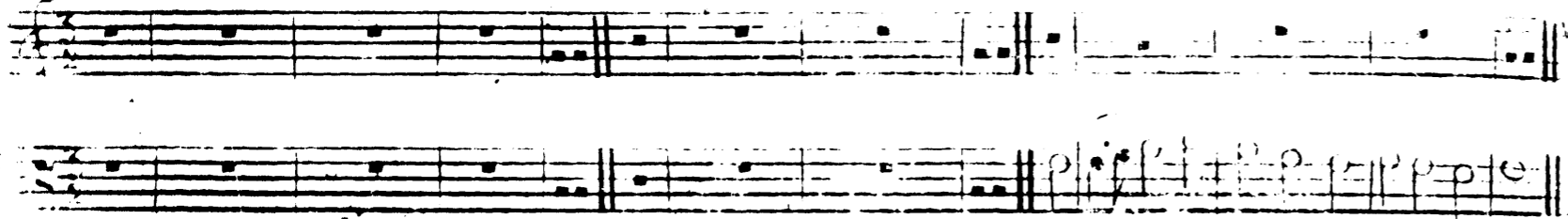
(Let tyrants shake their Iron rod)

(we fear them not we trust in god)

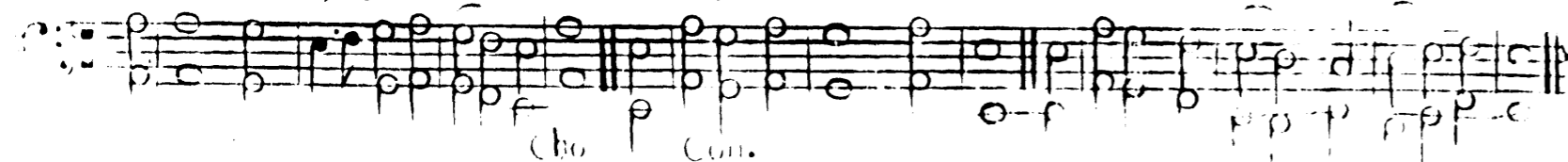
Smithfield Hm 15, C.M.

Lancaster L.M.

92



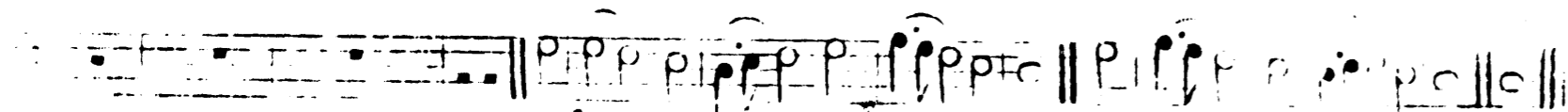
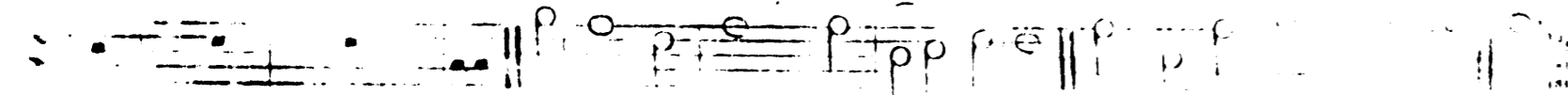
Lord who's the happy man that may to thy blest courts repair, not stranger like to visit there.



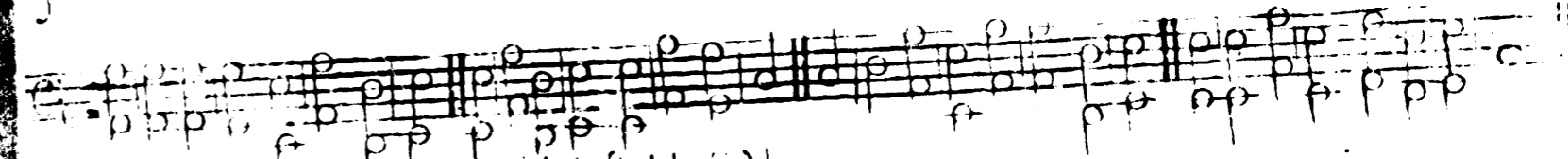
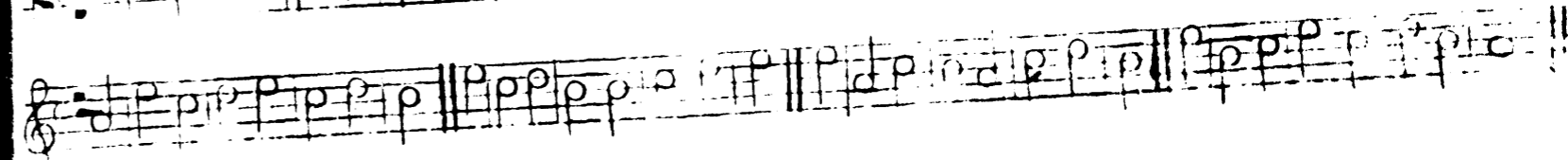
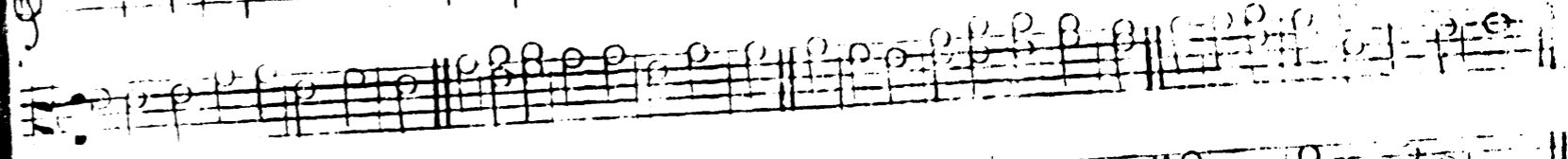
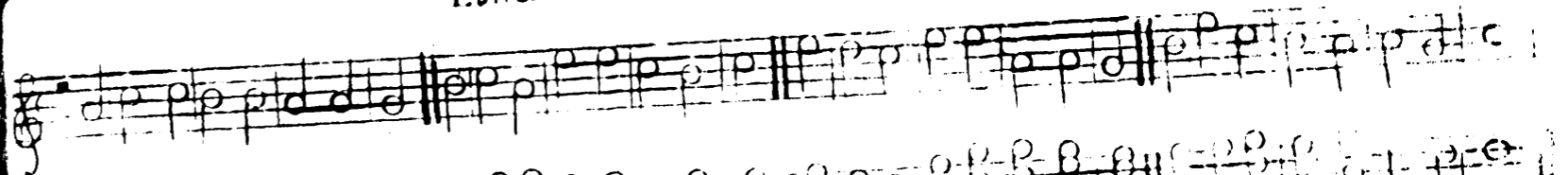
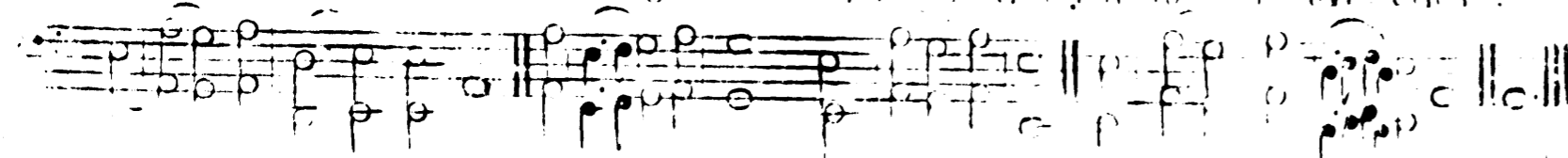
Cho. Con.



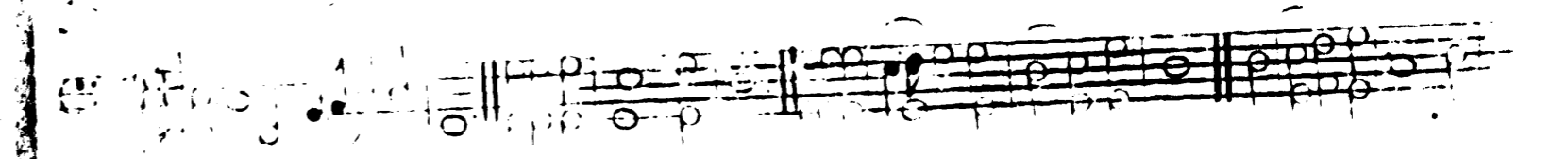
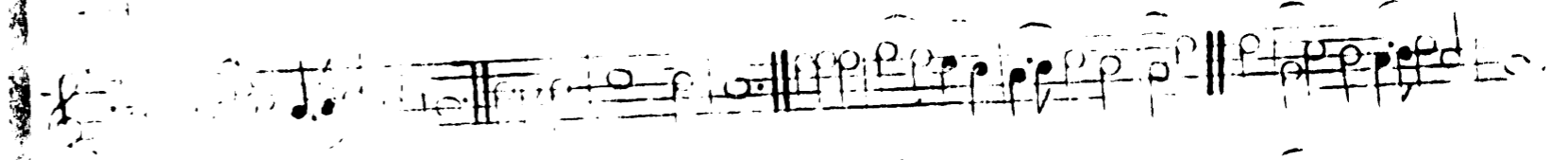
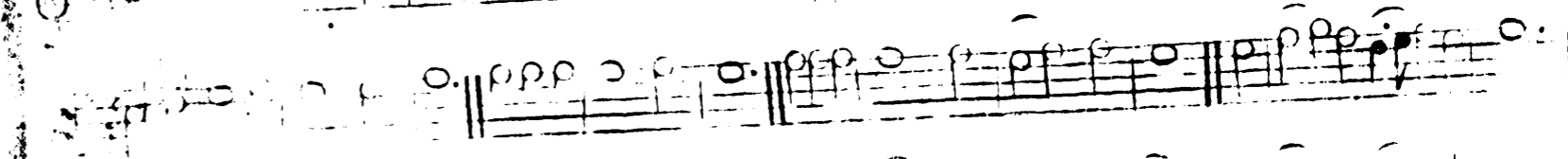
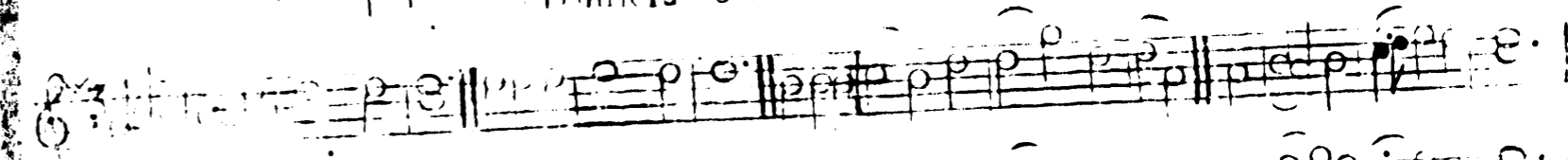
not stranger like to visit there.

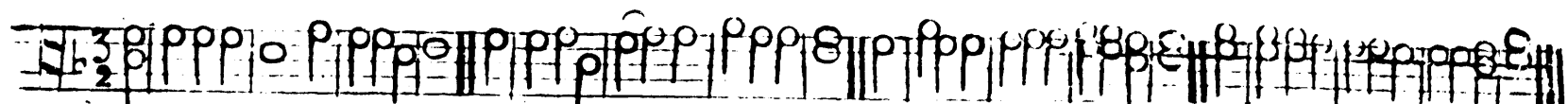
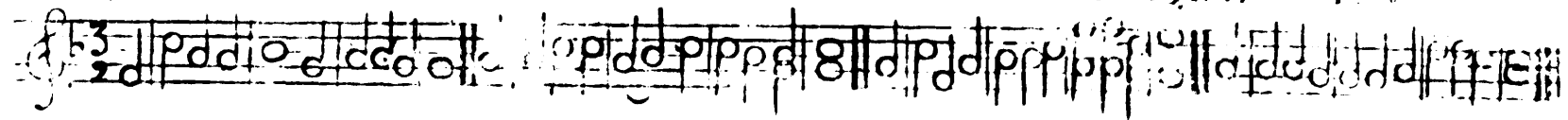


not stranger like to visit there, it to visit there.

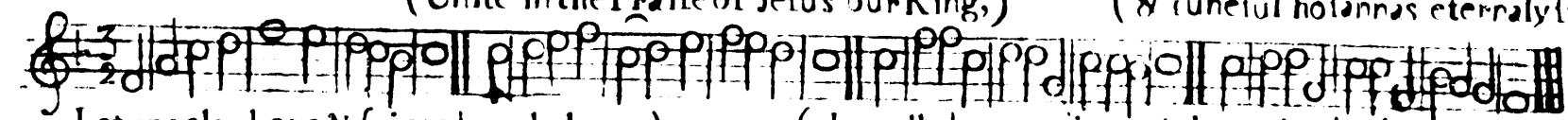


Smithfield C.M.

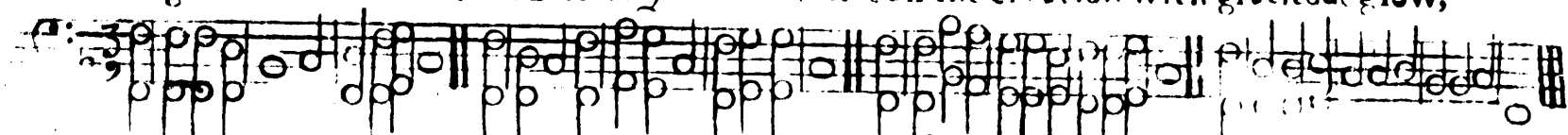




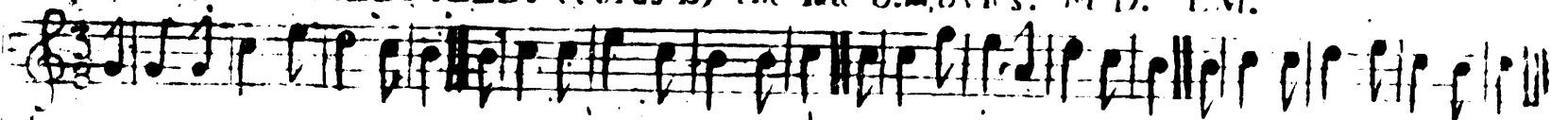
(Unite in the Praise of Jesus our King,) (A tuneful hosannas eternally sing)



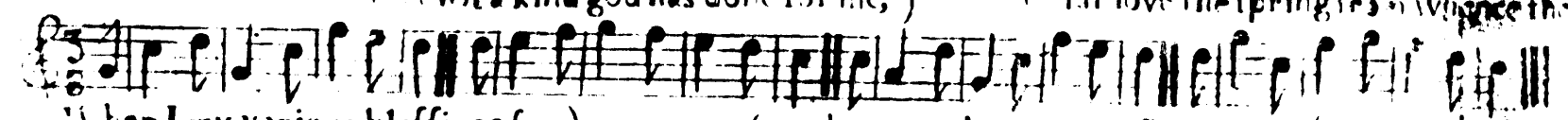
Let angels above & saints here below, (Let all the creation with gratitude glow,



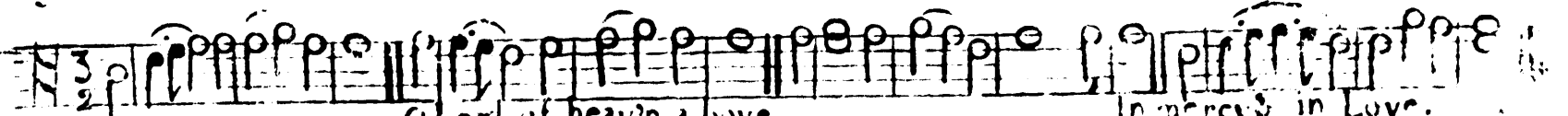
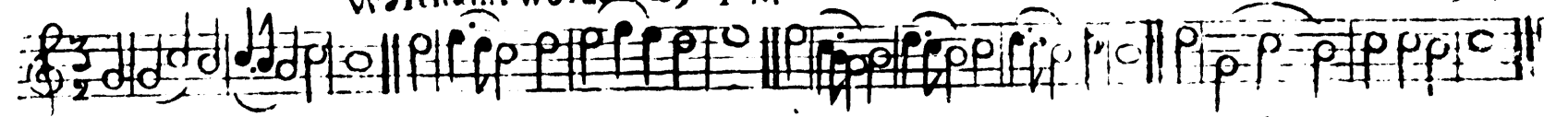
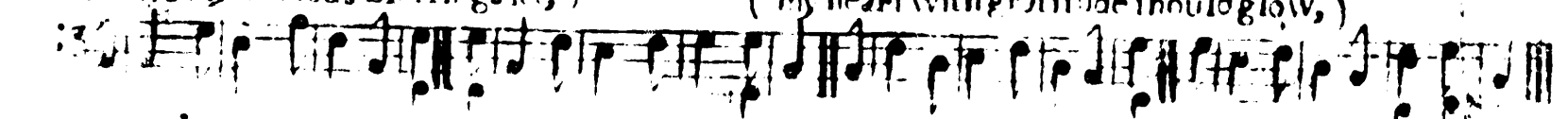
MEDFIELD. Words by the late S. M. Byles. M.D. L.M.



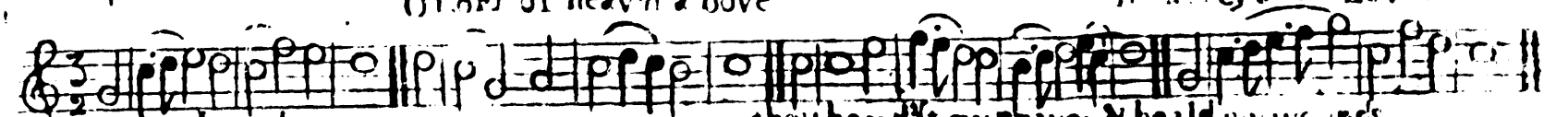
(What a kind god has done for me,) (I'll love the spring fountains whence they



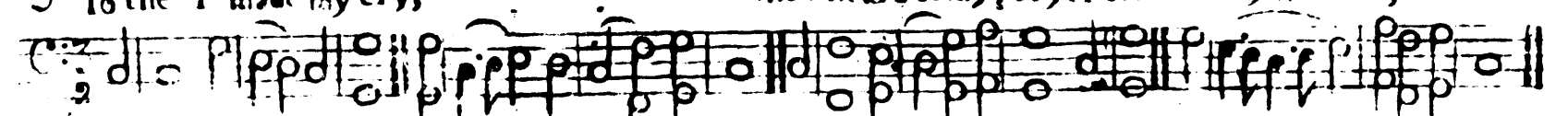
When I my various blessings see,) (my heart with gratitude should glow,)



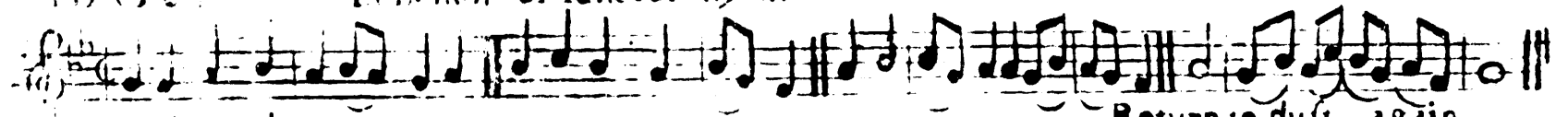
(Lord of heav'n above In mercy & in Love.



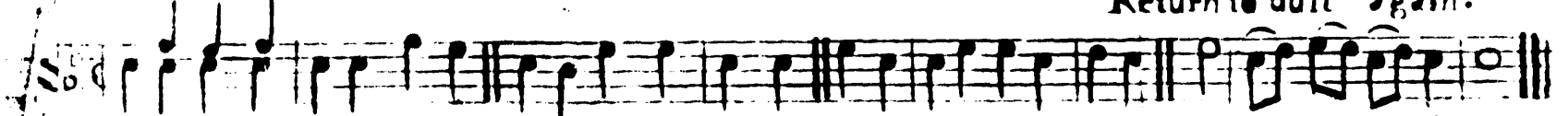
To thee I made my cry, thou heard'st my prayer & heal'd my wounds,



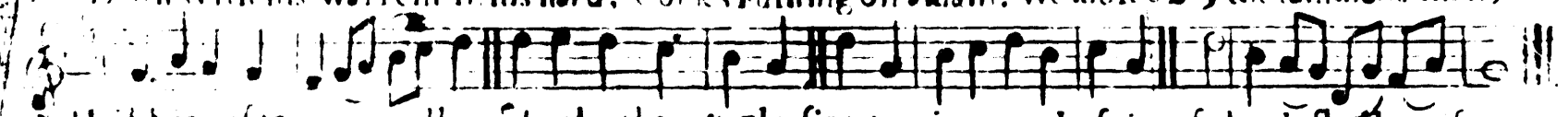
Lebanon or funeral hymn. C.M.



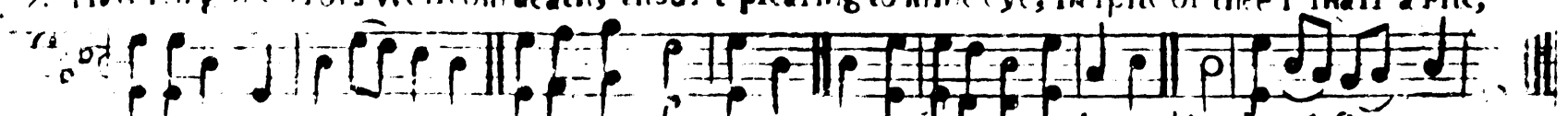
Return to dust again.



Death with his warrant in his hand, Comes rushing on a main, we must obey the summons then,



Hail King of terrors wellcom'd death, thou'rt pleasing to mine eye, In spite of thee I shall arise,



above th' ethereal sky.

Novell Psalm 3-4 CM.

through all the changing scenes of life, in trouble & in joy, the praises of my God shall full.

Chorus
:S: Con :S:

my feet & tongue in play, the praises of my God shall full, hearken ye my people to my play.

Suitable to be sung at Charity meeting -

And them taken from Mathew 5 & 25 1 Corin Chap 13 & 14 Psalm 34 & 41

upper part soft
Blessed is he that considereth the Poor the Lord shall deliver him the lord shall deliver him the Lord

Con.

shall deliver him in the time of trouble Blessed is he that Considereth the Poor

25 :S: Forte Con

the Lord will preserve him and keep him alive the Ld will preserve him & keep him alive

:S: Con

and thou wilt not deliver him into the will of his enemies

Con. :99

and thou wilt not deliver him into the will of his enemies his enemies

wilt not deliver him in-to the will of his enemies deli-ver him into the will of his enemies

of his enemies deliver him & deliver him into the will of his ene-mies

es and thou wilt not de-liver him into the will of his enemies his enemies

:S: Con.

for they shall obtain mercy

Blessed are the merciful for they shall obtain mercy

100

Maffuso

Con

:S:

and Charity
hope
Follow after Charity their is faith
But the greateft of these is Charity

Con

:S:

lower part soft

Blessed is he that Considereth the poor the lord shall strengthen him upon the bed of languishing

101

lower part soft

Con.

Blessed is he that Considereth the poor
the lord shall strengthen him shall strengthen him shall

Con.

flatkey Affetuoso

strengthen him shall strengthen him shall strengthen him upon the bed of Languishing the poor man

Con.

Adagio

And the lord heard him,
cried
and deliver him from all his trouble
deliver him out of all his trouble

key Vigoroso

Con.

Come ye blessed of my father inherit the kingdom prepared
Come ye blessed of my father in

Con.

Come ye blessed of my father inherit the kingdom pre
pared for you
inherit the kingdom prepared for you
from the founda - tion
of the world inherit the king

Con.

the founda - tion of the world
of the world
from the foundation of the world
prepared for you

104 :S: flat key (Languissant) Con.

and ye gave me meat
and I was a thirsty
for I was an hungred
and ye gave me drink

Presto Con. :S:

for I was an hungred and ye gave me meat and I was a thirsty and ye gave me drink

Sharp Key) (Forie.) Con. (Quarta.)
(Trio)
Blessed be the Lord God of Is-ra-el
Blessed be the Lord God of Israel from ever - last-ing to ever - lasting
Blessed be the Ld God of Is-ra-el from ever - last-ing to ever - last-ing
Blessed be the Ld God of Israel from ever - last-ing un to ever - last-ing Amen and A
Con.
from ever last ing to ever - last - ing Amen
to ever last ing Amen and A - me - - n A - - - men Amen
A - men Amen & Ame-n
men from ever last ing to ever - last-ing Amen & A - - men from ever

from ever - last - - - t - ing to ever - last - ing Amen And Amen

from everlasting to everlasting Amen And Hallelujah Hallelujah

from ever lasting to everlasting Amen; Amen

last - ing A - - - men - - A - - men

Con. (Vivace)

(Trio)

Hallelujah Amen Hallelujah Hallelujah Hallelujah Amen Blessed be y Ld

Blessed be the Ld God of

Blessed be the Lord God of Isra - - - el from e - ver -

God of Israel from ever - last - ing from e - ver - last - ing

Israel from ever last - - -

Con. (Grave) :S: (Adagio. Forte.)

lasting to ever - last - ing Amen And A - men

to everlasting Praise ye the Lord A - men & A - men A - men A - men

ing to ever last ing A - men &

upper part soft

(And the red Lightning Like a storm of hail comes.

(Rears up the Baltick to a foaming fury.

When the fierce North wind with his airy forces.

lower part soft

(And the red lightning, &c.

(Forte) (Choro.) Con. (Vigorouso.)

And the red lightning like a storm of hail comes rushing a main down. And the red lightning with, &c.

N. For the rest of the words see D: Watts's Lyric Poems Book 1st Part (74.)

The Reader is desired to excuse my inserting the following Explanatory Piece so much out of Place, but the Reason is because it intirely slippt my Memory till the Introduction was Printed—it being very essential to be understood, I could not (in Justice to the L.earner) omit it.

YOU will often meet with the Figures 1, 2. The Figure 1 standing over one Bar, and 2 over the next Bar, with a Repeat* standing between them; it signifies that Strain from the Figure 1. to be repeated; that is, you must look back from Figure 1, till you find a Repeat, and observe that in going over that Strain the second Time, you omit the Bar under Figure 1, and perform the Bar under Figure 2.—And you will find upon Examination, that it is so contriv'd, to make out full Bars, as for Example—suppose the Time to be $\frac{3}{4}$, and the Bar under Figure 1 contains but a Semibreve, then by borrowing a Minim out of the first Bar that is repeated, you fill the Bar under Figure 1; and you must take it for granted that the Bar under Figure 2, is, or ought to be full, without borrowing; so that by omitting the Bar under Figure 1, in repeating, you have all Bars full.—For an Example of this Nature, I would refer you to Pumpily Tune. And oftentimes in plain Psalmody, where the Time is $\frac{3}{4}$, you will find but one Minim in the first Bar, and a Semibreve in the last Bar: And in this Case, they both make but one Bar; so that by borrowing of each other, they may both be full, that is, if I beat two Beats down on the Semibreve, then in Singing the Tune the Second Time, I sing the Minim with my Hand up, it compleats the Bar; and when you have sung the Tune as often as you propose, you must leave off with the Two Beats down, without raising your Hand, because unless you begin the Tune again, the Bar is Imperfect.

N. B. This Example holds good in $\frac{3}{4}$ and $\frac{3}{8}$.

* If the Repeat happens to be omitted the Figures are as Significant and Expressive as if it was inserted.

An HYMN compos'd by the Rev. Mr. WHITEFIELD, with design to be sung at his own Funeral,

And here inserted at the Request of a Number of his Friends.

Adapted to *Marshfield* Tune, p. 76, *Brookfield* ditto, p. 7, or *Westfield* ditto, p. 71.

I.

AH! lovely Appearance of Death!
No Sight upon Earth is so fair;
Not all the gay Pageants that breathe,
Can with a dead Body compare.

II.

With solemn delight I survey,
The Corpse when the Spirit is fled;
In love with the beautiful Clay,
And longing to lie in it's Stead.

III.

How blest is our Brother, bereft
Of all that could burthen his Mind!
How easy the Soul that hath left
This wearisome Body behind!

IV.

Of Evil incapable thou,
Whose Relicts with Envy I see;
No longer in Misery now,
No longer a Sinner like me.

V.

This Earth is affected no more
With Sickness or shaken with Pain;
The War in the Members is o'er,
And never shall vex him again.

VI.

No Anger hence forward, or Shame,
Shall redden this innocent Clay;
Extinct is the Animal Flame,
And Passion is vanish'd away.

VII.

This languishing Head is at rest,
Its thinking and aching are o'er;
This quiet immoveable Breast
Is heav'd by Affliction no more.

VIII.

This Heart is no longer the Seat
Of Trouble and torturing Pain,
It ceases to flutter and beat,
It never shall flutter again.

IX.

The Lids he so seldom could close,
By Sorrows forbidden to sleep,
Seal'd up in eternal Repose,
Have strangely forgotten to weep.

X.

The Fountains can yield no Supplies,
These Hollows from Water are free,
The Tears are all wip'd from these Eyes,
And evil they never shall see.

XI.

To mourn and to suffer is mine,
While bound in a Prison I breathe,
And still for Deliverance pine,
And press to the Issues of Death.

XII.

What now with my Tears I bedew,
O! might I this Moment become!
My Spirit created anew,
My Flesh be consign'd to the Tomb.

An Alphabetical List of the Tunes, Anthems, and Canons, contained in this Book.

A MERICA	Page 1	Holden	Page 68	Purchase-Street	Page 73
Africa	34	Haverhill	96	Pembroke	5
Albany	17	Hanover	75	Princetown	45
Andover	65	Hanover New	75	Pleasant-Street	48
Andover	89	Hollis-Street	94	Pembroke New	10
Attleborough	59	JAMAICA	64	Pitt	57
Amherst	48	Ipswich	72	Pumpily	60
Asia	60	LIBERTY	9	QUEEN-STREET	50
B OSTON	23	Lynn	70	R OXBURY	26
Brookline	2	Lexington	66	STOUGHTON	49
Brookfield	7	Lancaster	93	Suffolk	17
Brattle-Street	19	Lincoln	77	Summer street	65
Barré	67	Lebanon	95	Swansey	74
Bridgewater	40	MASSACHUSETTS	60	Smithfield	74
Braintree	43	Marblehead	71	Sturley	74
C AMBRIDGE	47	Middlesex	62	Sabbick Ode	108
Cornica	46	Medford	86	St. Eliza's	8
Concord	5	Middletown	74	Scituate	9
Celsea	48	Marshfield	76	Sudbury	22
Chester	91	Malden	4	T AUNTON	49
Charlestown	75	Milton	44	Towerhill	53
Cumberland	16	Medfield	94	The 1st	80
Chatterfield	63	N EW-BOSTON	6	UNITY	25
D UXBOROUGH	8	Newtown	3	Uxbridge	64
Dighton	70	Nantucket	2	W HEELER'S POINT	23
Dorchester	78	Nutfield	68	Walden	61
Dickinson	73	New-North	69	Warrald	71
Dedham	45	New-Hingham	59	Warrald	71
E SSEX	45	Newport	87	Warrald	71
Eastham	62	No. 45	79	Warrald	71
Easton	63	Nantasket	47	Warrald	71
Europe	90	North-River	26	Warrald	71
F REEDOM	58	New-South	72	Warrald	71
Friendship	61	O LD-SOUTH	81	Warrald	71
Fairfield	13	Old-Buck	20	Warrald	71
G REENLAND	21	Old-North	88	Warrald	71
Georgia	76	Orange-Street	42	Warrald	71
H OLLIS	86	Oleans	27	Warrald	71
Hingham	6	P OWNAL	67	Warrald	71
Hampshire	3	Ponnet	7	Warrald	71
Hampton	14	Plymton	21	Warrald	71
Harvard	68	Plainfield	93	Warrald	71
Hebron	69	Providence	78	Warrald	71
				Warrald	71