

במדבר

(B'midbar)

(Numbers)

Larry Polansky

solo piano (and invited speakers)

for sarah cahill

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The pieces may be played in any order, in any subset. Before each piece is played someone should read one of the numbered statements. This might be anyone: the pianist, friends, fellow performers, or audience members. Each statement might be read by a different person, or the same person, in any language. Bracketed notes are not to be read.

1. *The total biomass of ants on earth is about the same as that of humans, meaning that there are more or less 10,000,000,000,000 (ten trillion) ants.*
2. *I have 1 daughter. [This may be personalized, or not].*
3. *The city of Huancayo, Peru, has around 300,000 people, and 0 movie theaters.*
4. *The number of Americans casualties in Iraq, as of Feb. 24, 2008, since March 19, 2003, is 3,972. There are about 4,100 students at the university at which I teach. The number of Americans wounded in Iraq since that same date seems to be unclear, somewhere between 23,000 and 100,000, or roughly between a city the size of Keene, New Hampshire, and Manchester, New Hampshire, 2 cities about 1 hour from where I live.*
5. *1 of out 100 adults in the United States is in prison.*
6. *I am 53 years old. My life expectancy is 24.5 more years. That means I have lived about 2/3rds of my life. [Speaker may substitute hisr own numbers here].*

7. Douglas Repetto's little hardware piece, *All Possible Images*, counts from 0 to 2^{64} in a lovely spiral pattern, at 5 Hz. (5 times a second). It will take around 18 quintillion years to complete its simple task of displaying all possible images at a modest resolution of 64 "pixels." That is 1.5 billion times the life of the universe. Douglas' little box cost under \$100 to build.
8. There are, at the moment, by one count, 6,912 different languages in the world. 121 of them are signs. [This statement, or any of the statements, may be signed].
9. "And of the cities which you shall give six cities shall be cities of refuge. You shall give three cities on this side of the Jordan, and three cities shall you give in the land of Canaan, which shall be cities of refuge. These six cities shall be a refuge, both for the children of Israel, and for the stranger, and for the sojourner among them..." [B'midbar, מִדְּבָר].
10. It is difficult to determine how many Iraqi civilians have been killed since the war began. One study states that between 81,632 and 89,103 Iraqis were killed in the years 2003 to 2007. The population of the country is about 27 and $\frac{1}{2}$ million. The ratio of the number of fatalities to the current population is .00324011, or about 3/1000ths. The 2006 estimate for the population of New Hampshire is 1,314,895. .0003 of that is about 4,260 New Hampshirites. The 2007 estimate of the population of the United States is 301,139,947. .00324011 of that is 975,923 people.
11. The number of bird species has been increasing steadily — a number made not by birds but by humans. Even until relatively recently it was said to be around 8,000, but it now well over 10,000, even though many species are endangered, have become extinct, will be extinct soon. There are a number of people, often referred to as "big listers" who dedicate their lives to seeing as many species as possible. Several have seen and documented their sighting of over 7-8000 species. Many of the most knowledgeable and passionate birders, in my experience, neglect to keep count of the ones they've seen.
12. "With respect to perfection, the following illustration will best shew how easily we may err: a Crinoid sometimes consists of no less than 150,000 pieces of shell, all arranged with perfect symmetry in radiating lines; but a naturalist does not consider an animal of this kind as more perfect than a bilateral one with comparatively few parts, and with none of these alike, excepting on the opposite sides of the body. He justly considers the differentiation and specialisation of organs as the test of perfection" (Charles Darwin, *The Descent of Man*)
13. We perceive change. If things change 0 times per second, nothing happens: we see nothing, hear nothing. If things change slowly, like once a year, we call them holidays, or birthdays. At a frequency of about once a week, we might consider change to be appointments, or a schedule. Regular daily changes are called routine. But if things change faster, say, about 15 or 20 times per second, we start calling it pitch. At this speed we no longer consider change as an event, and give it a different kind of importance. If change occurs faster than about 20,000 times per second, we more or less ignore it until it gets extremely fast. We start seeing things change again starting at about 4 and half times 10^{14} times per second, and stop after about 7 and a half times 10^{14} per second. Our hearing encompasses a total range of about 20,000 events per second, vision about 32,000,000,000,000 [32 trillion]. But hearing isn't impoverished: everything is relative. We can hear a difference of one cycle

per second more clearly than we can see a difference of thousands. At each level of velocity — the event, the sonic, the visible — change is crucial, beautiful, and completely mysterious.

- 14. Some languages use the same symbols for letters and numbers. In Hebrew, numbers are alphabetical, but counting becomes arithmetically arcane when adjacent letter combinations of a particular word occur (for example, 15 is 9 + 6, not 10 + 5). Similarly, in ASL, handshapes are shared by certain numbers and letters (like W and 6, F and 9). Other number handshapes are used for basic signs (the sign for “interesting,” for example, uses the “8” hand). In Hebrew gematria, semantic, spiritual, and mystical correspondences are seen between number, letter, and word. ASL’s has its own “gematria” in its funny, poetic puns and layered meanings. For some reason, we seek out and enjoy our deepest confusion of quantity and meaning.*
- 15. According to a letter to the editor in my local newspaper of January 10, 2009, my town’s library has 8,497 card holders. The town’s population is 10,850. In 2008, 244,197 items were borrowed, 10,612 reference questions were answered (not sure how many were asked), 244 adult services and 280 children’s programs were offered. There were an estimated 228,608 visitors.*
- 16.*
- 17. [Make up your own].*

The pieces

Part 1

1. Eb phrygian (mel. minor)
2. Dance (G locrian (mel. minor))
3. D (harm. series)
4. another canon for farwell (C lydian (harm. minor))
5. Slowly (song) (F mixolydian #4 (lydian (mel. minor))

Part 2

6. Song (C major (with optional C-altered scale))
7. Chorale (Ab aeolian (harm. minor)) with optional voice
8. Dance (51 events) (A (harm. series))
9. no luck around the house
10. Stamp (for Lou Harrison) (canon for two hands, or any number of hands, instruments) (E octatonic)
11. Canon in 2 voices (slendros)
12. Song (with whistler) (B minor/B locrian (harm. minor))

Part 3

13. an anti-war round
14. for piano left hand
15. 102 Chords (for piano and optional other instruments) (F# mixolydian (mel. minor))
16. piano lesson (for piano and five audience pianists) (or for piano and any five instruments) (A aeolian (mel. minor))
17. "Prayer for the Nations" (Ab; Ab aeolian, lydian, mixolydian, phrygian (harm. minor))

Thanks to Sarah Cahill for commissioning this work; Dennis Bathory-Kitsz for copying some of it; and Rory Cowal for valuable editing.
rev. 4/24/18

Part 1

1.

E♭ phrygian (mel. minor)

2. Dance

G locrian (mel. minor)

3.

D (harm. series)

4. another canon for farwell

C lydian (harm. minor)

5. Slowly (song)

F mixolydian #4 (lydian (mel. minor))

Part 2

6. Song

C major (with optional C-altered scale)

7. Chorale

A^b aeolian (harm. minor)
with optional voice

8. Dance (51 events)

A (harm. series)

9. no luck around the house

10. Stamp (for Lou Harrison)

(canon for two hands,
or any number of hands, instruments)
E octatonic

11. Canon in 2 voices

(slendros)

12. Song

(with whistler)
B minor/B locrian (harm. minor)

Part 3

13. an anti-war round

14. for piano left hand

15. 102 Chords
for piano and optional other instruments
F# mixolydian (mel. minor)

16. piano lesson
for piano and five audience pianists
(or for piano and any five instruments)
A aeolian (mel. minor)

17. “Prayer for the Nations”
Ab; Ab aeolian, lydian, mixolydian, phrygian (harm. minor)

Part 1

1.

Eb phrygian (mel. minor)

2. Dance

G locrian (mel. minor)

3.

D (harm. series)

4. another canon for farwell

C lydian (harm. minor)

5. Slowly (song)

F mixolydian #4 (lydian (mel. minor))

1.

E \flat phrygian (melodic minor)

Fast

mf pp

mf

pp

f

pp

mf

sub mf

8:5

7:6

3:5

6:5

6:5

7:4

13:10

8:5

12:8

6:5

7:5

13:10

3:2

3:5

6:5

6:5

2. Dance

G locrian (melodic minor)



The musical score for "2. Dance" is written in G locrian (melodic minor) and 7/8 time. It consists of three systems of music, each with a treble and bass staff. The score includes various dynamics such as *mp*, *mf*, *p*, *f*, *sub mp*, and *sub f*. It features complex rhythmic patterns, including triplets and sixteenth-note runs. The first system starts with a *mp* dynamic and includes a crescendo leading to *mf*. The second system features dynamics of *mf*, *mp*, *p*, *f*, and *sub mp*. The third system includes dynamics of *mf*, *sub p*, and *sub f*. The score also includes markings for *8va-1* and triplet markings (3).

The image displays two systems of musical notation for a piano piece. The first system consists of two staves. The upper staff is in treble clef and the lower in bass clef. The key signature has three flats (B-flat, E-flat, A-flat). The first measure of the upper staff is marked *f* and features a long melodic line with a slur. The second measure has a *7* above the staff. The third measure is marked *mp* and contains a chordal texture. The fourth measure is marked *p* and features a descending melodic line. The fifth measure is marked *pp* and contains a sustained chord. The lower staff begins with a triplet of eighth notes, followed by a measure with a *3* below it. The second measure has an *8:7* ratio below it. The third measure is marked *mp* and contains a chordal texture. The fourth measure is marked *mf* and contains a sustained chord. The second system also consists of two staves. The upper staff is in treble clef and the lower in bass clef. The key signature remains three flats. The first measure of the upper staff is marked *(8va)* and features a melodic line with a slur. The second measure is marked *loc.* and features a melodic line with a slur. The third measure is marked *mf* and features a melodic line with a slur. The lower staff begins with a triplet of eighth notes, followed by three measures with triplets of eighth notes. The fourth measure is marked *mf* and features a melodic line with a slur. The fifth measure is marked *mf* and features a melodic line with a slur. The sixth measure is marked *4:3* and features a melodic line with a slur.

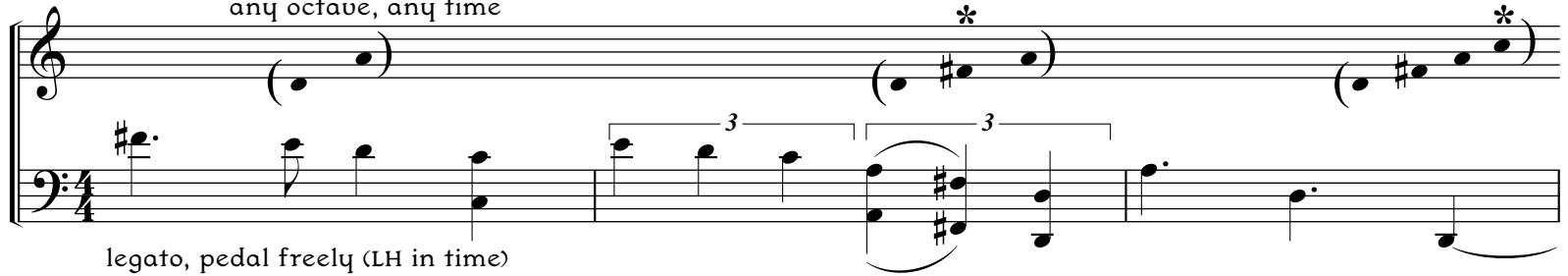
LP, Hanover, 2/25/08
slight revision, 11/19/10

3.

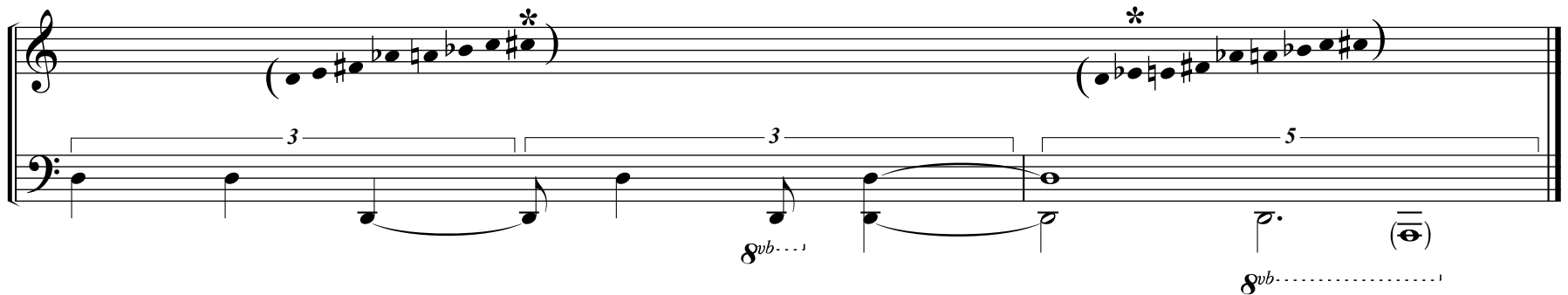
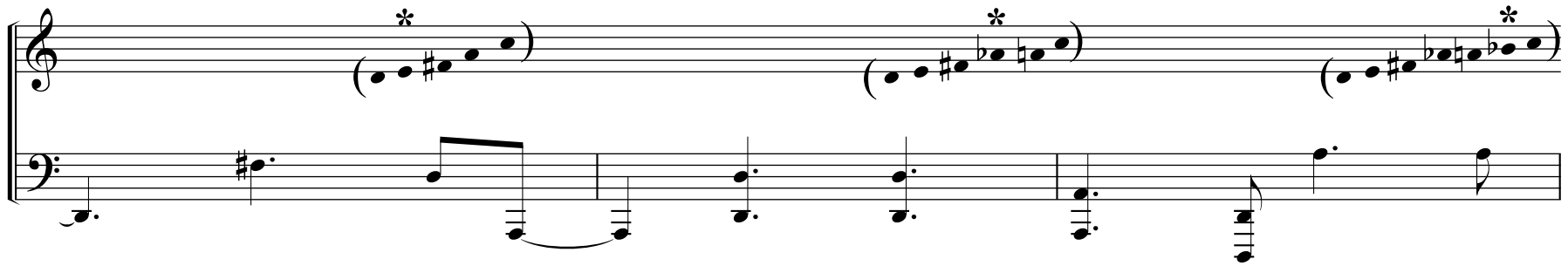
D harmonic series



Freely, quietly, slowly (R.H. improvise on the available pitches)
any octave, any time



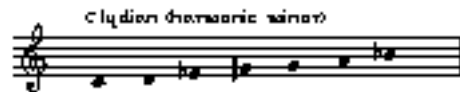
legato, pedal freely (LH in time)



8^{va}... *8^{vb}.....*

4. (another canon for farwell)

Clyden thematic minor



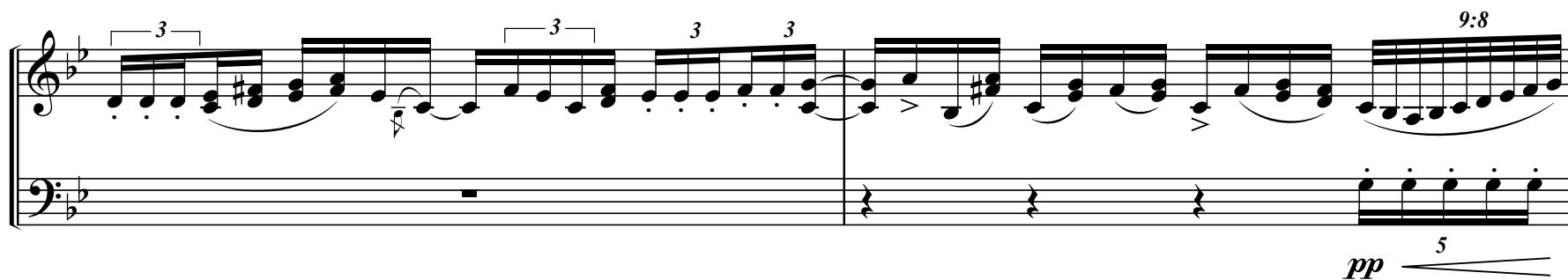
A single staff of music showing the Clyden thematic minor scale in treble clef, starting on middle C and moving stepwise down to G.

♩ ~80-90, or faster

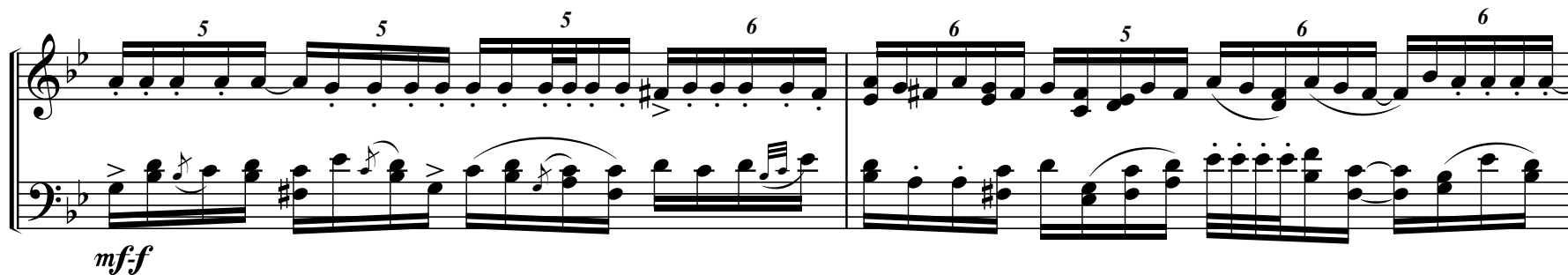
mf-f throughout, but free



The first system of musical notation consists of two staves in 4/4 time. The treble staff contains a complex rhythmic pattern with eighth and sixteenth notes, including a triplet of eighth notes. The bass staff is mostly empty with a few notes. The dynamic marking *mf-f* is written below the treble staff.



The second system of musical notation continues the piece. The treble staff features several triplet markings over eighth notes and a 9:8 ratio marking over a group of notes. The bass staff has a few notes and rests. The dynamic marking *pp* is written below the bass staff, with a hairpin indicating a decrease in volume.



The third system of musical notation continues the piece. The treble staff features several quintuplet (5) and sextuplet (6) markings over eighth notes. The bass staff has a complex rhythmic pattern with eighth and sixteenth notes. The dynamic marking *mf-f* is written below the bass staff.

System 1: Treble clef with a key signature of two flats. The right hand features a sequence of eighth-note chords with fingerings 7, 6, 5, 7, 5, 6, 7, 7. The left hand features a sequence of eighth-note chords with fingerings 5, 3, 3, and a 9:8 interval.

System 2: Treble clef with a key signature of two flats. The right hand features a sequence of eighth-note chords with fingerings 6, 6, 7, 6, 7, 7, 6, 5. The left hand features a sequence of eighth-note chords with fingerings 5, 5, 5, 5, 6, 5, 6, 6.

System 3: Treble clef with a key signature of two flats. The right hand features a sequence of eighth-note chords with fingerings 6, 5, 5, 7, 5, 5, 7, 5. The left hand features a sequence of eighth-note chords with fingerings 7, 6, 5, 7, 5, 5, 7, 7.

System 4: Treble clef with a key signature of two flats. The right hand features a sequence of eighth-note chords with fingerings 3, 3, 3, 3, 3, 3, 3, 3, 3, 3. The left hand features a sequence of eighth-note chords with fingerings 3, 3, 3, 3, 3, 3, 3, 3.

First system of a musical score in 3/4 time, featuring a treble and bass clef. The treble staff contains several triplet markings (3) and a 12-measure phrase. The bass staff includes a 6-measure phrase, a 5-measure phrase, and another 5-measure phrase. A 5-measure phrase is also indicated above the treble staff.

R.H. improvise out of rhythm... (imp.) . . .

Second system of the musical score. The treble staff contains a few notes with the instruction "R.H. improvise out of rhythm... (imp.) . . .". The bass staff features a series of triplet markings (3) and a 3-measure phrase.

(imp.) . . .

Third system of the musical score. The treble staff includes a 9:8 measure and a 10:8 measure. The bass staff contains triplet markings (3) and a 12-measure phrase. A 5-measure phrase is also indicated below the bass staff.

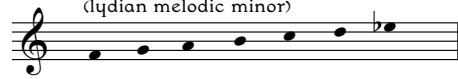
Fourth system of the musical score. The treble staff begins with a piano (*p*) dynamic and includes a triplet marking (3). The bass staff begins with a piano (*p*) dynamic and includes a mezzo-forte (*mf*) dynamic. The system concludes with a mezzo-forte (*mf*) dynamic.

The first system of the musical score consists of two staves. The upper staff is in treble clef with a key signature of one flat (B-flat). It features a sequence of eighth-note chords, each marked with a fingering number above it: 5, 6, 7, 7, 7, 7, 7, 7. The lower staff is in bass clef with a key signature of one sharp (F#). It contains a sequence of eighth-note chords, each marked with a fingering number below it: 6, 6, 6, 6, 6, 6, 6. The two staves are connected by a brace on the left. The music is written in a style typical of a guitar or piano accompaniment, with slurs and accents over the notes.

The second system of the musical score also consists of two staves. The upper staff is in treble clef with a key signature of one flat (B-flat). It features a sequence of eighth-note chords, each marked with a fingering number above it: 7, 7, 7, 7, 7, 7, 6. The lower staff is in bass clef with a key signature of one sharp (F#). It contains a sequence of eighth-note chords, each marked with a fingering number below it: 6, 6, 6, 6, 6. The two staves are connected by a brace on the left. The music is written in a style typical of a guitar or piano accompaniment, with slurs and accents over the notes.

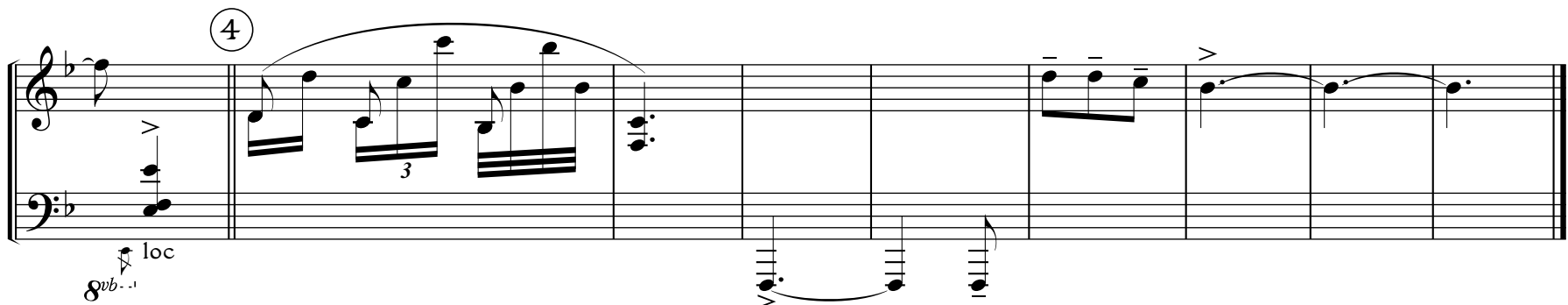
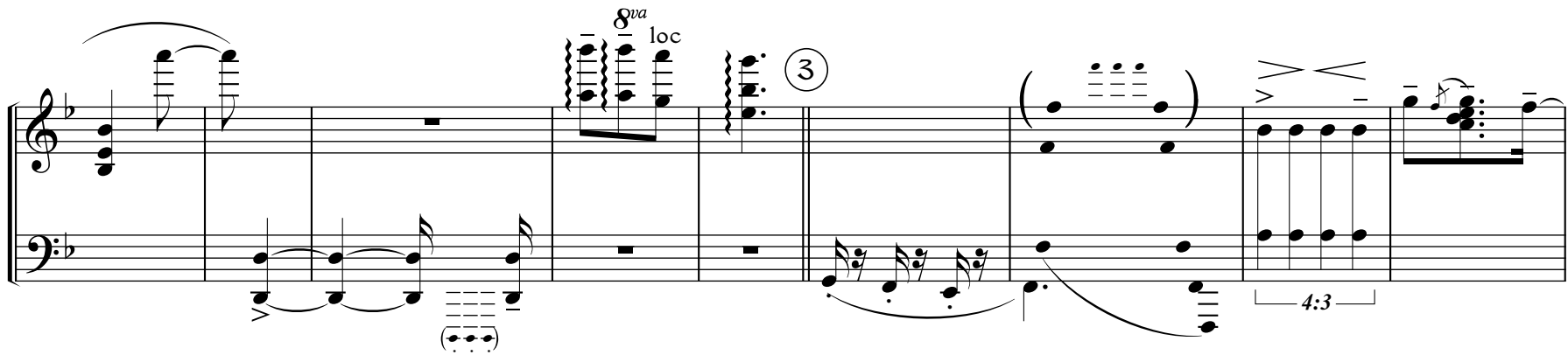
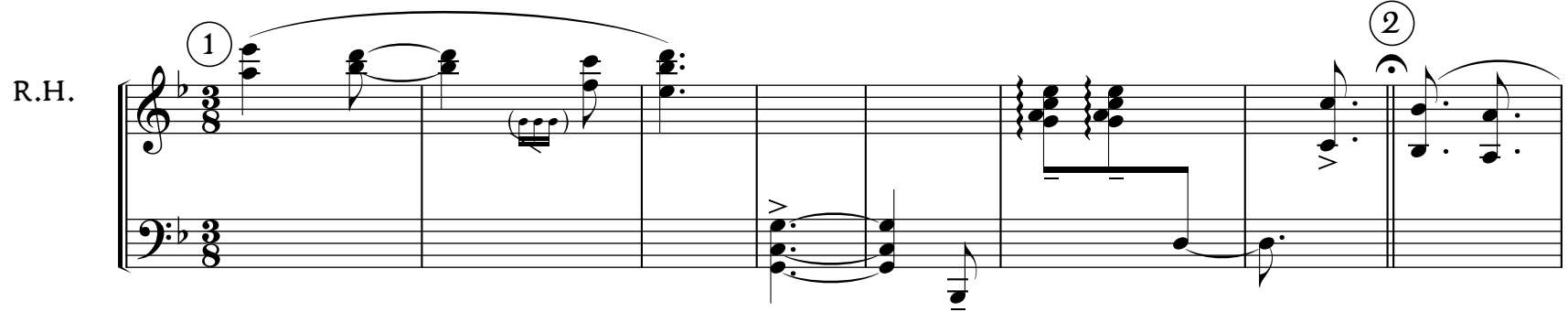
5. Slowly (song)

F mixolydian #4
(lydian melodic minor)



Hands independent, different slow tempi, quietly. Each hand should start together, stretch and contract tempi over the course of the piece, coming back together at the end.

R.H.



L.H.

The musical score for the left hand (L.H.) is presented in three systems. The first system begins with a circled '1' and contains a long slur over the right hand, with a circled '2' at the end. The second system features a circled '3' and includes a '3:2' ratio marking above a group of notes. The third system starts with a circled '4' and concludes with a 'rit.' (ritardando) marking. The score includes various musical notations such as slurs, accents (>), and dynamic markings like *8^{vb}*.

Part 2

6. Song

C major (with optional C-altered scale)

7. Chorale

A^b aeolian (harm. minor)
with optional voice

8. Dance (51 events)

A (harm. series)

9. no luck around the house

10. Stamp (for Lou Harrison)

(canon for two hands,
or any number of hands, instruments)
E octatonic

11. Canon in 2 voices

(slendros)

12. Song

(with whistler)
B minor/B locrian (harm. minor)

6. Song

I. Slow, quiet

The musical score is written in bass clef and consists of three systems of staves. The first system includes the following annotations: *pp*, "uneven tremolo, L.H.", "(pedal down)", and "loc.". The second system contains no text annotations. The third system includes the annotation "(no trem.)". The score features a melodic line in the upper staff and a complex accompaniment in the lower staff, including chords, tremolos, and a pedal point.

8

LV. (◡)

loc.

8vb

add.

continue left hand tr., gradually die out, freely

II. Quiet, slow
LV. throughout

(pedal freely)

(LV.)

(LV.)

(LV.)

(LV.)

8va

any low cluster, one or two hands

(LV.)

(LV.)

(LV.)

loc.

(LV.)

8vb

(LV.)

8va loc.

(◡)

(◡)

8vb

loc.

III. Waltz, *mf*, rubato, not too slow.

The first system of musical notation consists of two staves. The upper staff is in treble clef and contains a series of chords and melodic lines, with some notes marked with a flat (b) and a fermata. The lower staff is in bass clef and contains a bass line with chords and single notes, some marked with a sharp (#) and an accent (>). The system concludes with a double bar line.

(accents important) (all parenthetical accidentals optional, on any note in the chord)

The second system continues the musical piece. It features similar notation to the first system, with treble and bass staves. The bass line includes several chords marked with a sharp (#) and an accent (>). The system ends with a double bar line.

The third system shows more complex chordal structures. The bass line features several chords with multiple accidentals, including flats (b) and sharps (#), and accents (>). The system concludes with a double bar line.

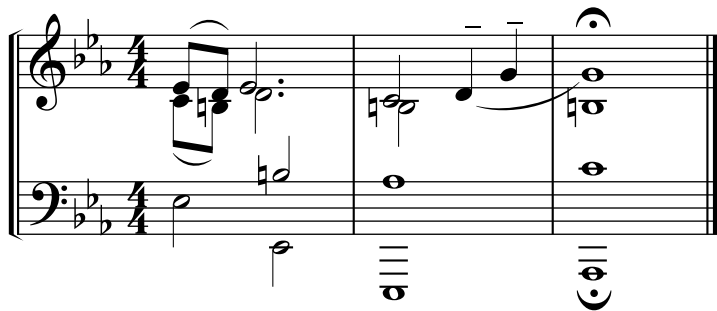
The fourth system is the final one on the page. It continues the musical notation with treble and bass staves. The bass line has several chords with flats (b) and sharps (#), and accents (>). The system ends with a double bar line.

7. Chorale

Ab aeolian (harmonic minor)



Rubato, quiet, not too fast. (Hands not necessarily together.)



obligato voice part: wordless, quiet, any tempo, somewhere over the chorale (any octave)



(sung by the pianist, or a friend)

8. Dance (51 Events)

#9 no luck around the house

very slowly, quietly, rubato, pedal freely and liberally

The musical score is presented in three systems, each with a grand staff (treble and bass clefs). The key signature is two flats (B-flat and E-flat). The first system (measures 1-3) features a 3/4 time signature and includes triplet markings in both hands. The second system (measures 4-7) shows a change to 9/8 time, with a 4:3 ratio indicated in the bass line and a 'rit.' (ritardando) marking. The third system (measures 8-11) returns to 3/4 time and continues with triplet markings and various articulations like accents and slurs. The score is characterized by its slow tempo and expressive, rubato style.

Very lightly

Musical notation for measures 12-14. The system consists of two staves. Measure 12 starts with a treble clef, a key signature of two flats, and a 9/8 time signature. The bass staff has a 4:3 ratio. Measure 13 has a 5:3 ratio. Measure 14 has a 3:2 ratio. The music features various triplets and slurs.

very slowly, freely, lot of pedal

Musical notation for measures 15-16. The system consists of two staves. Measure 15 has a treble clef, a key signature of two flats, and a 7/4 time signature. The bass staff has a 3:2 ratio. Measure 16 has a 4/4 time signature. The music includes a complex passage with slurs and a 10-measure phrase in the treble staff. A dynamic marking of 8^{vb} is present in the bass staff.

Chorus
(pianist should sing)

Musical notation for the chorus starting at measure 17. The system consists of three staves. Measure 17 has a treble clef, a key signature of two flats, and a 13/8 time signature. The bass staff has a 3:2 ratio. The lyrics are: "For there's no luck a - round the house, there's". The music features a mix of treble and bass clefs across the staves.

20

no luck at all. There's lit - tle plea - sure in the house, when

harplike - - - - -

24

our good man's a - way.

(repeat this figure a few times if you like, very rubato, making small changes if they occur to you)

ped.

ppp

(from *Yours for A Song*, compiled by Janet E. Tobitt, 1939)

(A): mode 1
(G): mode 2

(all voices come together at end)

or as a mensuration canon, e.g.:

11. Canon in 2 Voices

(in slendros)

Musical notation for measures 1-4. The score is in 3/8 time. Measure 1 starts with a treble clef, a key signature of one flat (B-flat), and a common time signature. A box labeled 'D' is above the first measure. The right hand plays a sequence of notes: D4, E4, F4, G4, A4, B4, C5, D5. The left hand plays a sequence of notes: D3, E3, F3, G3, A3, B3, C4, D4. Measures 2-4 continue the sequence with various rhythmic patterns and articulation marks.

Musical notation for measures 5-8. Measure 5 starts with a treble clef and a key signature of one flat. A box labeled 'F' is above the fifth measure. The right hand plays a sequence of notes: F4, G4, A4, B4, C5, D5, E5, F5, G5, A5, B5, C6, D6, E6, F6, G6, A6, B6, C7, D7, E7, F7, G7, A7, B7, C8, D8, E8, F8, G8, A8, B8, C9, D9, E9, F9, G9, A9, B9, C10, D10, E10, F10, G10, A10, B10, C11, D11, E11, F11, G11, A11, B11, C12, D12, E12, F12, G12, A12, B12, C13, D13, E13, F13, G13, A13, B13, C14, D14, E14, F14, G14, A14, B14, C15, D15, E15, F15, G15, A15, B15, C16, D16, E16, F16, G16, A16, B16, C17, D17, E17, F17, G17, A17, B17, C18, D18, E18, F18, G18, A18, B18, C19, D19, E19, F19, G19, A19, B19, C20, D20, E20, F20, G20, A20, B20, C21, D21, E21, F21, G21, A21, B21, C22, D22, E22, F22, G22, A22, B22, C23, D23, E23, F23, G23, A23, B23, C24, D24, E24, F24, G24, A24, B24, C25, D25, E25, F25, G25, A25, B25, C26, D26, E26, F26, G26, A26, B26, C27, D27, E27, F27, G27, A27, B27, C28, D28, E28, F28, G28, A28, B28, C29, D29, E29, F29, G29, A29, B29, C30, D30, E30, F30, G30, A30, B30, C31, D31, E31, F31, G31, A31, B31, C32, D32, E32, F32, G32, A32, B32, C33, D33, E33, F33, G33, A33, B33, C34, D34, E34, F34, G34, A34, B34, C35, D35, E35, F35, G35, A35, B35, C36, D36, E36, F36, G36, A36, B36, C37, D37, E37, F37, G37, A37, B37, C38, D38, E38, F38, G38, A38, B38, C39, D39, E39, F39, G39, A39, B39, C40, D40, E40, F40, G40, A40, B40, C41, D41, E41, F41, G41, A41, B41, C42, D42, E42, F42, G42, A42, B42, C43, D43, E43, F43, G43, A43, B43, C44, D44, E44, F44, G44, A44, B44, C45, D45, E45, F45, G45, A45, B45, C46, D46, E46, F46, G46, A46, B46, C47, D47, E47, F47, G47, A47, B47, C48, D48, E48, F48, G48, A48, B48, C49, D49, E49, F49, G49, A49, B49, C50, D50, E50, F50, G50, A50, B50, C51, D51, E51, F51, G51, A51, B51, C52, D52, E52, F52, G52, A52, B52, C53, D53, E53, F53, G53, A53, B53, C54, D54, E54, F54, G54, A54, B54, C55, D55, E55, F55, G55, A55, B55, C56, D56, E56, F56, G56, A56, B56, C57, D57, E57, F57, G57, A57, B57, C58, D58, E58, F58, G58, A58, B58, C59, D59, E59, F59, G59, A59, B59, C60, D60, E60, F60, G60, A60, B60, C61, D61, E61, F61, G61, A61, B61, C62, D62, E62, F62, G62, A62, B62, C63, D63, E63, F63, G63, A63, B63, C64, D64, E64, F64, G64, A64, B64, C65, D65, E65, F65, G65, A65, B65, C66, D66, E66, F66, G66, A66, B66, C67, D67, E67, F67, G67, A67, B67, C68, D68, E68, F68, G68, A68, B68, C69, D69, E69, F69, G69, A69, B69, C70, D70, E70, F70, G70, A70, B70, C71, D71, E71, F71, G71, A71, B71, C72, D72, E72, F72, G72, A72, B72, C73, D73, E73, F73, G73, A73, B73, C74, D74, E74, F74, G74, A74, B74, C75, D75, E75, F75, G75, A75, B75, C76, D76, E76, F76, G76, A76, B76, C77, D77, E77, F77, G77, A77, B77, C78, D78, E78, F78, G78, A78, B78, C79, D79, E79, F79, G79, A79, B79, C80, D80, E80, F80, G80, A80, B80, C81, D81, E81, F81, G81, A81, B81, C82, D82, E82, F82, G82, A82, B82, C83, D83, E83, F83, G83, A83, B83, C84, D84, E84, F84, G84, A84, B84, C85, D85, E85, F85, G85, A85, B85, C86, D86, E86, F86, G86, A86, B86, C87, D87, E87, F87, G87, A87, B87, C88, D88, E88, F88, G88, A88, B88, C89, D89, E89, F89, G89, A89, B89, C90, D90, E90, F90, G90, A90, B90, C91, D91, E91, F91, G91, A91, B91, C92, D92, E92, F92, G92, A92, B92, C93, D93, E93, F93, G93, A93, B93, C94, D94, E94, F94, G94, A94, B94, C95, D95, E95, F95, G95, A95, B95, C96, D96, E96, F96, G96, A96, B96, C97, D97, E97, F97, G97, A97, B97, C98, D98, E98, F98, G98, A98, B98, C99, D99, E99, F99, G99, A99, B99, C100, D100, E100, F100, G100, A100, B100, C101, D101, E101, F101, G101, A101, B101, C102, D102, E102, F102, G102, A102, B102, C103, D103, E103, F103, G103, A103, B103, C104, D104, E104, F104, G104, A104, B104, C105, D105, E105, F105, G105, A105, B105, C106, D106, E106, F106, G106, A106, B106, C107, D107, E107, F107, G107, A107, B107, C108, D108, E108, F108, G108, A108, B108, C109, D109, E109, F109, G109, A109, B109, C110, D110, E110, F110, G110, A110, B110, C111, D111, E111, F111, G111, A111, B111, C112, D112, E112, F112, G112, A112, B112, C113, D113, E113, F113, G113, A113, B113, C114, D114, E114, F114, G114, A114, B114, C115, D115, E115, F115, G115, A115, B115, C116, D116, E116, F116, G116, A116, B116, C117, D117, E117, F117, G117, A117, B117, C118, D118, E118, F118, G118, A118, B118, C119, D119, E119, F119, G119, A119, B119, C120, D120, E120, F120, G120, A120, B120, C121, D121, E121, F121, G121, A121, B121, C122, D122, E122, F122, G122, A122, B122, C123, D123, E123, F123, G123, A123, B123, C124, D124, E124, F124, G124, A124, B124, C125, D125, E125, F125, G125, A125, B125, C126, D126, E126, F126, G126, A126, B126, C127, D127, E127, F127, G127, A127, B127, C128, D128, E128, F128, G128, A128, B128, C129, D129, E129, F129, G129, A129, B129, C130, D130, E130, F130, G130, A130, B130, C131, D131, E131, F131, G131, A131, B131, C132, D132, E132, F132, G132, A132, B132, C133, D133, E133, F133, G133, A133, B133, C134, D134, E134, F134, G134, A134, B134, C135, D135, E135, F135, G135, A135, B135, C136, D136, E136, F136, G136, A136, B136, C137, D137, E137, F137, G137, A137, B137, C138, D138, E138, F138, G138, A138, B138, C139, D139, E139, F139, G139, A139, B139, C140, D140, E140, F140, G140, A140, B140, C141, D141, E141, F141, G141, A141, B141, C142, D142, E142, F142, G142, A142, B142, C143, D143, E143, F143, G143, A143, B143, C144, D144, E144, F144, G144, A144, B144, C145, D145, E145, F145, G145, A145, B145, C146, D146, E146, F146, G146, A146, B146, C147, D147, E147, F147, G147, A147, B147, C148, D148, E148, F148, G148, A148, B148, C149, D149, E149, F149, G149, A149, B149, C150, D150, E150, F150, G150, A150, B150, C151, D151, E151, F151, G151, A151, B151, C152, D152, E152, F152, G152, A152, B152, C153, D153, E153, F153, G153, A153, B153, C154, D154, E154, F154, G154, A154, B154, C155, D155, E155, F155, G155, A155, B155, C156, D156, E156, F156, G156, A156, B156, C157, D157, E157, F157, G157, A157, B157, C158, D158, E158, F158, G158, A158, B158, C159, D159, E159, F159, G159, A159, B159, C160, D160, E160, F160, G160, A160, B160, C161, D161, E161, F161, G161, A161, B161, C162, D162, E162, F162, G162, A162, B162, C163, D163, E163, F163, G163, A163, B163, C164, D164, E164, F164, G164, A164, B164, C165, D165, E165, F165, G165, A165, B165, C166, D166, E166, F166, G166, A166, B166, C167, D167, E167, F167, G167, A167, B167, C168, D168, E168, F168, G168, A168, B168, C169, D169, E169, F169, G169, A169, B169, C170, D170, E170, F170, G170, A170, B170, C171, D171, E171, F171, G171, A171, B171, C172, D172, E172, F172, G172, A172, B172, C173, D173, E173, F173, G173, A173, B173, C174, D174, E174, F174, G174, A174, B174, C175, D175, E175, F175, G175, A175, B175, C176, D176, E176, F176, G176, A176, B176, C177, D177, E177, F177, G177, A177, B177, C178, D178, E178, F178, G178, A178, B178, C179, D179, E179, F179, G179, A179, B179, C180, D180, E180, F180, G180, A180, B180, C181, D181, E181, F181, G181, A181, B181, C182, D182, E182, F182, G182, A182, B182, C183, D183, E183, F183, G183, A183, B183, C184, D184, E184, F184, G184, A184, B184, C185, D185, E185, F185, G185, A185, B185, C186, D186, E186, F186, G186, A186, B186, C187, D187, E187, F187, G187, A187, B187, C188, D188, E188, F188, G188, A188, B188, C189, D189, E189, F189, G189, A189, B189, C190, D190, E190, F190, G190, A190, B190, C191, D191, E191, F191, G191, A191, B191, C192, D192, E192, F192, G192, A192, B192, C193, D193, E193, F193, G193, A193, B193, C194, D194, E194, F194, G194, A194, B194, C195, D195, E195, F195, G195, A195, B195, C196, D196, E196, F196, G196, A196, B196, C197, D197, E197, F197, G197, A197, B197, C198, D198, E198, F198, G198, A198, B198, C199, D199, E199, F199, G199, A199, B199, C200, D200, E200, F200, G200, A200, B200, C201, D201, E201, F201, G201, A201, B201, C202, D202, E202, F202, G202, A202, B202, C203, D203, E203, F203, G203, A203, B203, C204, D204, E204, F204, G204, A204, B204, C205, D205, E205, F205, G205, A205, B205, C206, D206, E206, F206, G206, A206, B206, C207, D207, E207, F207, G207, A207, B207, C208, D208, E208, F208, G208, A208, B208, C209, D209, E209, F209, G209, A209, B209, C210, D210, E210, F210, G210, A210, B210, C211, D211, E211, F211, G211, A211, B211, C212, D212, E212, F212, G212, A212, B212, C213, D213, E213, F213, G213, A213, B213, C214, D214, E214, F214, G214, A214, B214, C215, D215, E215, F215, G215, A215, B215, C216, D216, E216, F216, G216, A216, B216, C217, D217, E217, F217, G217, A217, B217, C218, D218, E218, F218, G218, A218, B218, C219, D219, E219, F219, G219, A219, B219, C220, D220, E220, F220, G220, A220, B220, C221, D221, E221, F221, G221, A221, B221, C222, D222, E222, F222, G222, A222, B222, C223, D223, E223, F223, G223, A223, B223, C224, D224, E224, F224, G224, A224, B224, C225, D225, E225, F225, G225, A225, B225, C226, D226, E226, F226, G226, A226, B226, C227, D227, E227, F227, G227, A227, B227, C228, D228, E228, F228, G228, A228, B228, C229, D229, E229, F229, G229, A229, B229, C230, D230, E230, F230, G230, A230, B230, C231, D231, E231, F231, G231, A231, B231, C232, D232, E232, F232, G232, A232, B232, C233, D233, E233, F233, G233, A233, B233, C234, D234, E234, F234, G234, A234, B234, C235, D235, E235, F235, G235, A235, B235, C236, D236, E236, F236, G236, A236, B236, C237, D237, E237, F237, G237, A237, B237, C238, D238, E238, F238, G238, A238, B238, C239, D239, E239, F239, G239, A239, B239, C240, D240, E240, F240, G240, A240, B240, C241, D241, E241, F241, G241, A241, B241, C242, D242, E242, F242, G242, A242, B242, C243, D243, E243, F243, G243, A243, B243, C244, D244, E244, F244, G244, A244, B244, C245, D245, E245, F245, G245, A245, B245, C246, D246, E246, F246, G246, A246, B246, C247, D247, E247, F247, G247, A247, B247, C248, D248, E248, F248, G248, A248, B248, C249, D249, E249, F249, G249, A249, B249, C250, D250, E250, F250, G250, A250, B250, C251, D251, E251, F251, G251, A251, B251, C252, D252, E252, F252, G252, A252, B252, C253, D253, E253, F253, G253, A253, B253, C254, D254, E254, F254, G254, A254, B254, C255, D255, E255, F255, G255, A255, B255, C256, D256, E256, F256, G256, A256, B256, C257, D257, E257, F257, G257, A257, B257, C258, D258, E258, F258, G258, A258, B258, C259, D259, E259, F259, G259, A259, B259, C260, D260, E260, F260, G260, A260, B260, C261, D261, E261, F261, G261, A261, B261, C262, D262, E262, F262, G262, A262, B262, C263, D263, E263, F263, G263, A263, B263, C264, D264, E264, F264, G264, A264, B264, C265, D265, E265, F265, G265, A265, B265, C266, D266, E266, F266, G266, A266, B266, C267, D267, E267, F267, G267, A267, B267, C268, D268, E268, F268, G268, A268, B268, C269, D269, E269, F269, G269, A269, B269, C270, D270, E270, F270, G270, A270, B270, C271, D271, E271, F271, G271, A271, B271, C272, D272, E272, F272, G272, A272, B272, C273, D273, E273, F273, G273, A273, B273, C274, D274, E274, F274, G274, A274, B274, C275, D275, E275, F275, G275, A275, B275, C276, D276, E276, F276, G276, A276, B276, C277, D277, E277, F277, G277, A277, B277, C278, D278, E278, F278, G278, A278, B278, C279, D279, E279, F279, G279, A279, B279, C280, D280, E280, F280, G280, A280, B280, C281, D281, E281, F281, G281, A281, B281, C282, D282, E282, F282, G282, A282, B282, C283, D283, E283, F283, G283, A283, B283, C284, D284, E284, F284, G284, A284, B284, C285, D285, E285, F285, G285, A285, B285, C286, D286, E286, F286, G286, A286, B286, C287, D287, E287, F287, G287, A287, B287, C288, D288, E288, F288, G288, A288, B288, C289, D289, E289, F289, G289, A289, B289, C290, D290, E290, F290, G290, A290, B290, C291, D291, E291, F291, G291, A291, B291, C292, D292, E292, F292, G292, A292, B292, C293, D293, E293, F293, G293, A293, B293, C294, D294, E294, F294, G294, A294, B294, C295, D295, E295, F295, G295, A295, B295, C296, D296, E296, F296, G296, A296, B296, C297, D297, E297, F297, G297, A297, B297, C298, D298, E298, F298, G298, A298, B298, C299, D299, E299, F299, G299, A299, B299, C300, D300, E300, F300, G300, A300, B300, C301, D301, E301, F301, G301, A301, B301, C302, D302, E302, F302, G302, A302, B302, C303, D303, E303, F303, G303, A303, B303, C304, D304, E304, F304, G304, A304, B304, C305, D305, E305, F305, G305, A305, B305, C306, D306, E306, F306, G306, A306, B306, C307, D307, E307, F307, G307, A307, B307, C308, D308, E308, F308, G308, A308, B308, C309, D309, E309, F309, G309, A309, B309, C310, D310, E310, F310, G310, A310, B310, C311, D311, E311, F311, G311, A311, B311, C312, D312, E312, F312, G312, A312, B312, C313, D313, E313, F313, G313, A313, B313, C314, D314, E314, F314, G314, A314, B314, C315, D315, E315, F315, G315, A315, B315, C316, D316, E316, F316, G316, A316, B316, C317, D317, E317, F317, G317, A317, B317, C318, D318, E318, F318, G318, A318, B318, C319, D319, E319, F319, G319, A319, B319, C320, D320, E320, F320, G320, A320, B320, C321, D321, E321, F321, G321, A321, B321, C322, D322, E322, F322, G322, A322, B322, C323, D323, E323, F323, G323, A323, B323, C324, D324, E324, F324, G324, A324, B324, C325, D325, E325, F325, G325, A325, B325, C326, D326, E326, F326, G326, A326, B326, C327, D327, E327, F327, G327, A327, B327, C328, D328, E328, F328, G328, A328, B328, C329, D329, E329, F329, G329, A329, B329, C330, D330, E330, F330, G330, A330, B330, C331, D331, E331, F331, G331, A331, B331, C332, D332, E332, F332, G332, A332, B332, C333, D333, E333, F333, G333, A333, B333, C334, D334, E334, F334, G334, A334, B334, C335, D335, E335, F335, G335, A335, B335, C336, D336, E336, F336, G336, A336, B336, C337, D337, E337, F337, G337, A337, B337, C338, D338, E338, F338, G338, A338, B338, C339, D339, E339, F339, G339, A339, B339, C340, D340, E340, F340, G340, A340, B340, C341, D341, E341, F341, G341, A341, B341, C342, D342, E342, F342, G342, A342, B342, C343, D343, E343, F343, G343, A343, B343, C344, D344, E344, F344, G344, A344, B344, C345, D345, E345, F345, G345, A345, B345, C346, D346, E346, F346, G346, A346, B346, C347, D347, E347, F347, G347, A347, B347, C348, D348, E348, F348, G348, A348, B348, C349, D349, E349, F349, G349, A349, B349, C350, D350, E350, F350, G350, A350, B350, C351, D351, E351, F351, G351, A351, B351, C352, D352, E352, F352, G352, A352, B352, C353, D353, E353, F353, G353, A353, B353, C354, D354, E354, F354, G354, A354, B354, C355, D355, E355, F355, G355, A355, B355, C356, D356, E356, F356, G356, A356, B356, C357, D357, E357, F357, G357, A357, B357, C358, D358, E358, F358, G358, A358, B358, C359, D359, E359, F359, G359, A359, B359, C360, D360, E360, F360, G360, A360, B360, C361, D361, E361, F361, G361, A361, B361, C362, D362, E362, F362, G362, A362, B362, C363, D363, E363, F363, G363, A363, B363, C364, D364, E364, F364, G364, A364, B364, C365, D365, E365, F365, G365, A365, B365, C366, D366, E366, F366, G366, A366, B366, C367, D367, E367, F367,

15

Musical notation for measures 15-18. The system consists of two staves. The upper staff is in treble clef with a 7/8 time signature. It features a melodic line with slurs and accents, and a chord labeled 'G' above measure 16. The lower staff is in bass clef with a 7/8 time signature, containing a bass line with slurs, accents, and a chord labeled 'A' above measure 16. Both staves include triplets and a quintuplet.

19

Musical notation for measures 19-23. The system consists of two staves. The upper staff is in treble clef with a 3/8 time signature, featuring a melodic line with slurs, accents, and a chord labeled 'A' above measure 21. The lower staff is in bass clef with a 3/8 time signature, containing a bass line with slurs, accents, and a chord labeled 'A' above measure 21. Both staves include triplets and a quintuplet.

24

Musical notation for measures 24-27. The system consists of two staves. The upper staff is in treble clef with a 6/8 time signature, featuring a melodic line with slurs, accents, and a chord labeled 'G' above measure 25. The lower staff is in bass clef with a 6/8 time signature, containing a bass line with slurs, accents, and a chord labeled 'G' above measure 25. Both staves include triplets and a septuplet.

27

7

C

3

3

6

3

5

31

F

5

5

5

34

3

5

6

7

3

6

7

5

36

7 7 7 7 7

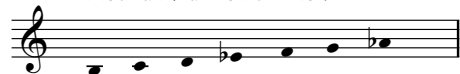
, slower, more rubato, quiet

LP 12/31/08
(after Moondog)

slight revision, 11/20/10

12. Song

B locrian (harmonic minor)



Very slowly, rubato, quietly
whistle (if can't whistle, hum gently, or as a last resort, substitute a simple second instrument.)

The first system of the musical score consists of three staves. The top staff is in treble clef with a key signature of two sharps (D major) and a 4/4 time signature. It contains a melodic line starting with a whole note D4, followed by quarter notes E4, F#4, G4, A4, B4, and a half note C5 with a fermata. The word "legato" is written below the first two measures. The middle staff is in treble clef with a key signature of three flats (Bb major) and a 4/4 time signature. It contains a piano accompaniment with chords and moving lines. The bottom staff is in bass clef with a key signature of three flats and a 4/4 time signature, featuring a "pedal freely" line with sustained bass notes. A fermata is placed over the final note of the top staff.

The second system of the musical score continues the piece. It consists of three staves. The top staff is in treble clef with a key signature of two sharps and a 4/4 time signature, continuing the melodic line from the first system. The middle staff is in treble clef with a key signature of three flats and a 4/4 time signature, continuing the piano accompaniment. The bottom staff is in bass clef with a key signature of three flats and a 4/4 time signature, continuing the "pedal freely" line. A fermata is placed over the final note of the top staff.

whistle

A single staff of music in treble clef with a key signature of two sharps (F# and C#). The melody begins with a quarter rest, followed by a quarter note G4, a half note A4, and a quarter note B4. The second measure contains a quarter note C5, a quarter note B4, a quarter note A4, and a quarter note G4. The third measure contains a quarter note F#4, a quarter note E4, and a quarter note D4. The fourth measure contains a quarter note C4, a quarter note B3, and a quarter note A3.

The first system of piano accompaniment, consisting of a grand staff with treble and bass clefs. The key signature is two flats (Bb and Eb). The right hand features a complex texture with chords and moving lines, while the left hand provides a steady bass line with some melodic movement.

The second system of piano accompaniment, continuing the grand staff from the first system. It maintains the same key signature and complex harmonic texture.

The third system of piano accompaniment, concluding the page. It includes dynamic markings: *rit.* (ritardando) above the right hand and *pp* (pianissimo) below the right hand and below the left hand. The system ends with a double bar line.

Part 3

13. an anti-war round

14. for piano left hand

15. 102 Chords
for piano and optional other instruments
F# mixolydian (mel. minor)

16. piano lesson
for piano and five audience pianists
(or for piano and any five instruments)
A aeolian (mel. minor)

17. "Prayer for the Nations"
Ab; Ab aeolian, lydian, mixolydian, phrygian (harm. minor)

13. an anti-war round (I) (piano part)

polansky

(tempo of the round)

#13, the round, is intended to be sung by the audience, or members of the audience. Alternatively, several singers can be engaged to do it. If the latter, those singers should, preferably, not be trained singers, but enthusiastic, confident, and loud ones.

The pianist, perhaps with help from one or more of the singers or audience members, should teach the audience the round as part of the performance. It would be helpful to distribute the vocal score, or even just the words, beforehand, or put either or both in the program.

This piano part optionally accompanies the round. Alternatively, the pianist can just help the singers (especially if they come from the audience, or are the audience) by playing the tune with them, or a simple accompaniment of their own devising. A simple (5/8) rhythmic part (perhaps keeping 3+2 with a pair of drumsticks) may also be added, played by one of the singers, to help the audience/singers stay in time.

13. an anti-war round

2 voices with optional ground bass

polansky

1

Voice 1 & 2

Let's put our hands - - - to - geth - - - - -

Ground bass (opt.)

This _____ is an an - - - ti

(ground bass, 4 measures, repeats, cycling through 6 measure round)

2

- - and try to find some - thing bet - ter!

war round. This _____ is an...

LP
Aer Lingus (dublin to boston)
8/31/08 rev. 09/6/08
12:57 PM

14. for piano left hand

[#Name]

(2 hands sign)

f (freely, any dynamic)

(sign name with r.h.)

sub *mp*

[#Age]

quietly, smoothly

(sign age with r.h.)

(sign month, day, year with r.h.)

[#Born]

(2 hands sign)

(individual groups as fast as possible)

8^{va} *8^{vb}* *15^{ma}*

Dynamics, articulation, free. Fast, not even. In three groups (month, day, year) with slight pauses in between.

2

(sign town, state, etc., of birth with r.h.)

[#Where]

in as strict time as possible
 (Try to pedal so that each [non-grace] note is held slightly into the next note)

[#Died]

(sign died) (sign month) (sign day) (sign year)

Note to the performer: Chose someone who has died in war. Learn to sign (in ASL or the sign of your choice) their name, age, date of birth, place of birth, date of death, as well as #Name, #Age, #Born, #Where, #Died. The latter signs can be done with two hands if appropriate (#Name, #Born, #Died in ASL). The other signing should be done with the R.H. while the piano part is played with the L.H. The pianist should sign hisrself, to the the best of hisr ability, but hse is encouraged to enlist the aid of a teacher in learning these few signs.

Please add, in sign, any other information you want, during the fermatas between lines.

15. 102 chords

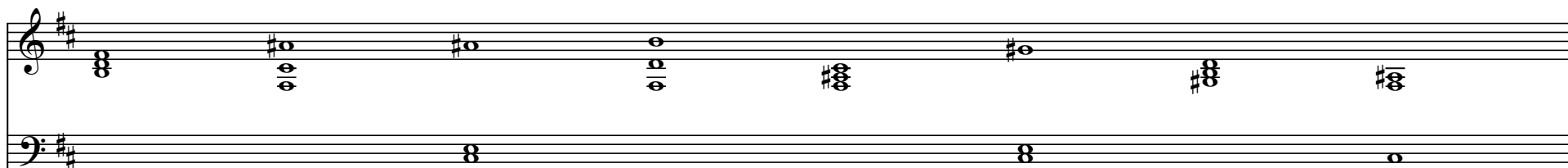
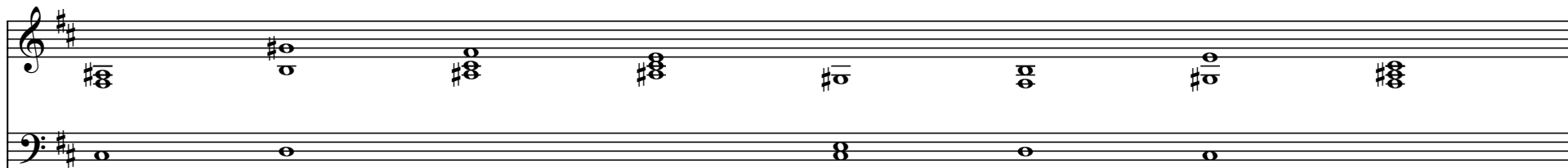
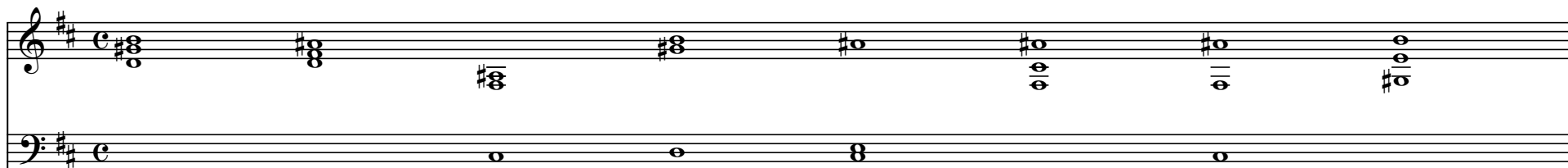
(piano and optional other instruments)

F# mixolydian (harm. minor)



polansky

Begin at any point in the piece, and wrap around, ending on the chord preceding the one you started with.



Any tempi, dynamics, pedalling, articulations, all of which may change freely. Individual notes may be attacked and sustained in different ways. Other instruments follow the piano loosely or precisely, or changing. Instruments may play any notes in their range, at any point, dropping out freely.

First system of musical notation, consisting of a treble clef staff and a bass clef staff. The key signature is two sharps (F# and C#). The treble staff contains several chords and notes, including a whole note chord with F#, C#, and G# in the first measure, and a whole note chord with F#, C#, and G# in the second measure. The bass staff contains a whole note chord with F# and C# in the first measure, and a whole note chord with F# and C# in the second measure.

Second system of musical notation, consisting of a treble clef staff and a bass clef staff. The key signature is two sharps (F# and C#). The treble staff contains several chords and notes, including a whole note chord with F#, C#, and G# in the first measure, and a whole note chord with F#, C#, and G# in the second measure. The bass staff contains a whole note chord with F# and C# in the first measure, and a whole note chord with F# and C# in the second measure.

Third system of musical notation, consisting of a treble clef staff and a bass clef staff. The key signature is two sharps (F# and C#). The treble staff contains several chords and notes, including a whole note chord with F#, C#, and G# in the first measure, and a whole note chord with F#, C#, and G# in the second measure. The bass staff contains a whole note chord with F# and C# in the first measure, and a whole note chord with F# and C# in the second measure.

Fourth system of musical notation, consisting of a treble clef staff and a bass clef staff. The key signature is two sharps (F# and C#). The treble staff contains several chords and notes, including a whole note chord with F#, C#, and G# in the first measure, and a whole note chord with F#, C#, and G# in the second measure. The bass staff contains a whole note chord with F# and C# in the first measure, and a whole note chord with F# and C# in the second measure.

System 1: Treble and Bass clefs. Treble clef contains notes G4, A4, B4, C5, D5, E5, F5, G5. Bass clef contains notes G2, A2, B2, C3, D3, E3, F3, G3.

System 2: Treble and Bass clefs. Treble clef contains notes G4, A4, B4, C5, D5, E5, F5, G5. Bass clef contains notes G2, A2, B2, C3, D3, E3, F3, G3.

System 3: Treble and Bass clefs. Treble clef contains notes G4, A4, B4, C5, D5, E5, F5, G5. Bass clef contains notes G2, A2, B2, C3, D3, E3, F3, G3.

System 4: Treble and Bass clefs. Treble clef contains notes G4, A4, B4, C5, D5, E5, F5, G5. Bass clef contains notes G2, A2, B2, C3, D3, E3, F3, G3.

The image displays two systems of musical notation, each consisting of a treble and a bass staff. The key signature is two sharps (F# and C#). The notation includes various note values, rests, and bar lines, with some notes marked with a circled 'phi' symbol. The first system shows a sequence of notes and rests across eight measures. The second system continues this sequence, also spanning eight measures. The notation is dense and includes many accidentals and symbols.

16. piano lesson

for five audience piano players and pianist
or any five instruments and pianist

Repeat many times, dynamics ad lib

The musical score consists of six staves. Staves 1 through 5 are for audience players, and staff 6 is for the pianist. The key signature is one flat (B-flat) and the time signature is common time (C). The tempo is marked '(swing)'. Staff 1 (bass clef) has a melodic line with slurs and accents. Staff 2 (bass clef) has a rhythmic accompaniment with slurs and accents. Staff 3 (bass clef) has a melodic line with slurs and accents. Staff 4 (treble clef) has a melodic line with slurs and accents, including an optional triplet marked 'opt. 3'. Staff 5 (treble clef) has a melodic line with slurs and accents, including an optional triplet marked 'opt. 3'. Staff 6 (treble clef) is labeled 'pianist' and contains a scale in A aeolian (mel. minor) with the notes A, B-flat, C, D, E-flat, F, G, A.

The pianist teaches five audience members, or invited audience members, one part each, one part at a time, during the performance. Start with part 1 (the lowest) and play the part together until it is secure. Add one part at a time until all five parts are played together. Copies of the score can be used, or the parts may be taught by ear. The pianist is then free to improvise in the given scale, on any part of the piano available. The five other players should *not* have seen the part beforehand: they should learn it in performance.

Everybody should try to have a good time.

If other instruments are used, the same procedure should be employed, the pianist teaching the other musicians their parts from the piano. Registral adjustments may be made to accommodate other instruments, and the pianist might make some simple transposed parts.

17. Prayer for the Nations

quietly, freely

space = time (the physical length of a measure is its tempo)

The first system of music consists of two staves. The upper staff is in treble clef and the lower staff is in bass clef. Both are in the key of Ab major (three flats) and common time (C). The music begins with a quarter rest in the bass staff, followed by a quarter note chord in the treble staff. The melody in the treble staff moves through several chords and rests, while the bass staff provides a harmonic accompaniment with chords and single notes.

(to Ab phrygian (harm. minor))

The second system of music consists of two staves. The upper staff is in treble clef and the lower staff is in bass clef. Both are in the key of Ab major (three flats) and common time (C). The music continues from the first system, with the treble staff featuring a series of chords and a melodic line that moves towards the phrygian mode. The bass staff continues with harmonic accompaniment.

The third system of music consists of two staves. The upper staff is in treble clef and the lower staff is in bass clef. Both are in the key of Ab major (three flats) and common time (C). The music concludes with a final chord in the treble staff and a melodic line in the bass staff.

The first system of music consists of two staves. The treble staff begins with a treble clef, a key signature of three flats (B-flat, E-flat, A-flat), and a common time signature. It contains a series of chords: a B-flat major chord (B-flat, D, F), an E-flat major chord (E-flat, G, B-flat), an A-flat major chord (A-flat, C, E-flat), and an A-flat major chord (A-flat, C, E-flat). The bass staff begins with a bass clef and contains a series of chords: a B-flat major chord (B-flat, D, F), an E-flat major chord (E-flat, G, B-flat), an A-flat major chord (A-flat, C, E-flat), and an A-flat major chord (A-flat, C, E-flat). The system concludes with a melodic line in the treble staff consisting of a quarter note G4, a quarter note F4, and a quarter note E4.

(to A \flat Lydian (harm. minor))

The second system of music consists of two staves. The treble staff begins with a treble clef, a key signature of three flats, and a common time signature. It contains a series of chords: a B-flat major chord (B-flat, D, F), an E-flat major chord (E-flat, G, B-flat), an A-flat major chord (A-flat, C, E-flat), and an A-flat major chord (A-flat, C, E-flat). The bass staff begins with a bass clef and contains a series of chords: a B-flat major chord (B-flat, D, F), an E-flat major chord (E-flat, G, B-flat), an A-flat major chord (A-flat, C, E-flat), and an A-flat major chord (A-flat, C, E-flat). The system concludes with a melodic line in the treble staff consisting of a quarter note G4, a quarter note F4, and a quarter note E4.

The third system of music consists of two staves. The treble staff begins with a treble clef, a key signature of three flats, and a common time signature. It contains a series of chords: a B-flat major chord (B-flat, D, F), an E-flat major chord (E-flat, G, B-flat), an A-flat major chord (A-flat, C, E-flat), and an A-flat major chord (A-flat, C, E-flat). The bass staff begins with a bass clef and contains a series of chords: a B-flat major chord (B-flat, D, F), an E-flat major chord (E-flat, G, B-flat), an A-flat major chord (A-flat, C, E-flat), and an A-flat major chord (A-flat, C, E-flat). The system concludes with a melodic line in the treble staff consisting of a quarter note G4, a quarter note F4, and a quarter note E4.

The fourth system of music consists of two staves. The treble staff begins with a treble clef, a key signature of three flats, and a common time signature. It contains a series of chords: a B-flat major chord (B-flat, D, F), an E-flat major chord (E-flat, G, B-flat), an A-flat major chord (A-flat, C, E-flat), and an A-flat major chord (A-flat, C, E-flat). The bass staff begins with a bass clef and contains a series of chords: a B-flat major chord (B-flat, D, F), an E-flat major chord (E-flat, G, B-flat), an A-flat major chord (A-flat, C, E-flat), and an A-flat major chord (A-flat, C, E-flat). The system concludes with a melodic line in the treble staff consisting of a quarter note G4, a quarter note F4, and a quarter note E4.

The first system of music consists of two staves. The treble staff begins with a treble clef and a key signature of three flats (B-flat, E-flat, A-flat). The melody starts with a quarter note G4, followed by a dotted quarter note F4, a quarter rest, and a dotted quarter note E4. The bass staff starts with a bass clef and a key signature of three flats. The accompaniment begins with a dotted quarter note G3, followed by a dotted quarter note F3, a quarter rest, and a dotted quarter note E3. The system concludes with a double bar line.

(to A^b mixolydian (harm. minor))

The second system continues the piece. The treble staff starts with a dotted quarter note G4, followed by a dotted quarter note F4, and a half note E4. The bass staff starts with a dotted quarter note G3, followed by a dotted quarter note F3, and a half note E3. The system concludes with a double bar line.

The third system continues the piece. The treble staff starts with a dotted quarter note G4, followed by a dotted quarter note F4, and a half note E4. The bass staff starts with a dotted quarter note G3, followed by a dotted quarter note F3, and a half note E3. The system concludes with a double bar line.

The fourth system continues the piece. The treble staff starts with a dotted quarter note G4, followed by a dotted quarter note F4, and a half note E4. The bass staff starts with a dotted quarter note G3, followed by a dotted quarter note F3, and a half note E3. The system concludes with a double bar line.

Ab major

from the Canterbury Shaker Hymnal:

"O God of mercy, truth and love, We humbly ask of thee,
To turn each heart from sin and strife, To set the nations free.
Cause peace to rule and wars to cease, Which do so sore oppress,
For the healing of the nations, O God draw nigh to bless.

For the healing of the nations, Most fervently we pray.
That peace on earth, goodwill to men, O'er all the earth bear sway.
Inspire each heart with living faith, Thy precepts to obey.
For the healing of the nations, Lord, hasten thou the day."

lp, hanover, 6/6/08
rev. 09/18/08

(thanks to Mary Ann Haagen
for teaching me this song)