
EARTH RESONANCE

BENJAMIN DEAN TAYLOR

for flex ensemble and electronic audio track

Commissioned by

LAFAYETTE JUNIOR/SENIOR HIGH SCHOOL
BRITTANY COLE, DIRECTOR

Perusal Score

2019

Duration: 5:30

Music typeset by the composer

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Taylor, Benjamin Dean
- *EARTH RESONANCE*, flex ensemble and electronic audio track

www.benjamintaylormusic.com

Grade 3.5

Flexible Instrumentation

PART 1:	Flute/Violin/Oboe Clarinet/Trumpet
PART 2:	Clarinet/Trumpet Alto Saxophone/Violin
PART 3:	Alto Saxophone/Horn in F Clarinet/Violin/Viola
PART 4:	Tenor Saxophone/Euphonium Trombone/Euphonium/Bassoon/Cello
PART 5:	Bass Clarinet/Euphonium Trombone/Euphonium/Bassoon/Cello Tuba/Bass/Baritone Saxophone

PERCUSSION (2 players minimum but 4 or more is preferred)

- **Timpani** (this part is optional) (a suspended cymbal is also required for this player)
- **Percussion 1:** snare drum, low tom, tambourine, hi-hat, triangle, crash cymbal, ride cymbal (this part also requires a splash cymbal to be placed on snare drum head)
- **Percussion 2:** shaker, rainstick, bass drum
- **Mallets:** xylophone, marimba (this part is optional) The marimba is prepared prior to the performance in the following ways:
 - 1.) a hard plastic mallet is placed between the bars of middle C and the adjacent D. The shaft of the mallet hangs below the bars suspended by the ball tip. The mallet head should bounce and make a neat echo effect when C or D are struck.
 - 2.) a hard plastic mallet is placed between the bars of high D-flat and the adjacent E-flat (third ledger line above treble staff). The shaft of the mallet hangs below the bars suspended by the ball tip. The mallet head should bounce and make a neat echo effect when D-flat or E-flat are struck.
 - 3.) A sheet of ordinary 8.5x11 inch paper is placed underneath the bars and atop the resonator tubes centered under low D-flat (first played on beat 4 of measure 3). The paper should give that pitch (and surrounding pitches) a nice white-noise sound.

Electronic audio track (digital file playable on any device)

Duration 5:30

Technical Note - electronic audio track

The electronic audio track is not optional. This work is intended to be as easy and straight-forward as possible for the ensemble director. It can be performed without any special equipment such as microphones, interfaces, mixing board, earbuds, or click track. Simply download the electronic track onto a laptop or any device that will play back audio and connect that device to speakers. The piece is as simple as hitting play at the beginning the work and then following the tempo of the electronic track as cued in measure 2.

The ideal setup for performance will have a stereo pair of speakers facing the audience (placed on the right and left side of the lip of the stage), and monitor(s) onstage for the conductor and ensemble. During performance, it will be helpful to have an assistant to start the track (and also ride the faders at a mixing board, if available). The track must be able to be heard by the audience at an equal dynamic level to the ensemble so that they are heard as one mega-instrument.

PLEASE give all of the ensemble members their own personal copy of the track so that they can get familiar with it and practice it individually. Distribution of the track in this way is authorized with purchase of this work. The ensemble rehearsal room will need to have the ability to play the electronic track on stereo speakers so that the conductor (and ideally the ensemble members) can hear the electronics even during the loudest sections (such as letter H). For convenience in rehearsal, the score has track timings indicated so that the ensemble can begin at any rehearsal letter.

Program Note

This work is a five minute sonic meditation to invite unity and connectedness with the earth and those around us. Created in collaboration with the students of LaFayette Junior/Senior High School and their director Brittany Cole, *Earth Resonance* contains sounds from nature as recorded by the students. The instrumental parts combine with the recorded soundscape to form a calming, peaceful, minimalist groove in the style of “chillstep”, a sub-genre of dubstep. This work is a reminder to slow down, take a deep breath, and take a moment to listen to the earth and the people around you.

About the Composer



Benjamin Dean Taylor is a composer of contemporary art music. His energetic, adventurous music provides a uniquely refreshing sonic experience for performers and audiences alike. Trained as a trumpet player and pianist, he performs with and writes music for a variety of chamber ensembles, jazz combos and big bands, wind bands, orchestras, choirs, and experimental ensembles. He received degrees in music composition from Indiana University, Brigham Young University and Bowling Green State University. Dr. Taylor's prizes and honors include winner in the Frank Ticheli Composition Competition, a BMI Student Composers Award, four Barlow Endowment Commissions, and an ASCAP Young Jazz Composer Award. His music is frequently performed in the United States and abroad. Dr. Taylor resides in Bloomington, Indiana, with his wife and five sons.

BENJAMINTAYLORMUSIC.COM

EARTH RESONANCE

BENJAMIN DEAN TAYLOR
(ASCAP)

Transposed Score

Duration: 5:30

ca. 10"

♩ = 69

A 0:14

PART 1

Flute/Violin/
Oboe

Clarinet in B \flat /
Trumpet in B \flat

PART 2

Clarinet in B \flat /
Trumpet in B \flat

Alto Sax in E \flat /
(Violin)

PART 3

Alto Sax in E \flat /
(Horn in F)

Clarinet in B \flat /
(Violin/Viola)

PART 4

Tenor Sax in B \flat /
Euphonium in B \flat

Trombone/
Euphonium/
Bassoon/Cello

PART 5

Bass Clarinet/
Euphonium in B \flat

Trombone/
Euphonium/
Bassoon/Cello

Tuba/Bass/
(Bari Sax in E \flat)

Timpani
(opt.)

F, B \flat , C, E \flat

Place suspended cymbal on drum head bell side down. Create atmospheric eerie sounds by rolling on cymbal with mallets and moving drum tuning pedal simultaneously.

pedal gliss.

Prep snare drum by laying a splash cymbal bell side up on the head of the snare drum.

Percussion 1
(sn. dr., low tom,
tamb., hi-hat, tri.,
cr. cym., ride cym.)

Percussion 2
(shaker, rainstick,
bs. dr.,)

Mallets
(marimba/xylo.)

Electronic
Track

Hit PLAY
on track

[wind and
footsteps
in leaves]

[rhythmic rock clicks]

1

2

3

4

5

0:42

B ♩ = 69 Chill Groove

6

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sx./ (Vn.)

A. Sx./ (Hn.)

B♭ Cl./ (Vn./Va.)

T. Sx./Euph.

Tbn./Euph./ Bsn./Cello

B. Cl./Euph.

Tbn./Euph./ Bsn./Cello

Tuba/Bass/ (Bari. Sax)

Timp.

Perc. 1 (tom, sn.dr.)

Perc. 2 (shaker)

Mallets

Track

p Clar. only (no Tpt.)

mp (Tpt. with mutes)

p Clar. only (no Tpt.)

mp

p

Alto only (no Hn.)

(add Hn.)

p

mp

p

mp

mp

mp

mp

sn. dr. (prepared with splash cymbal)

sticks low tom (mute with hand by pressing on the top of the cymbal)

tri.

p

mp

rainstick (or sub wind chimes)

mp

mp

[sn. dr.]

f *p* *mp*

6 7 8 9 10 11

12

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sx./ (Vn.)

A. Sx./ (Hn.)

B \flat Cl./ (Vn./Va.)

T. Sx./Euph.

Tbn./Euph./ Bsn./Cello

B. Cl./Euph.

Tbn./Euph./ Bsn./Cello

Tuba/Bass/ (Bari. Sax)

Timp.

Perc. 1 (tom, sn.dr.)

Perc. 2 (rainstick)

Mallets

Track

C 0:56

18

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt. (Tpt. with mutes)
mp

A. Sx./ (Vn.)
mp

A. Sx./ (Hn.)
mf

B \flat Cl./ (Vn./Va.)
mf

T. Sx./Euph.
mf

Tbn./Euph./Bsn./Cello
mf

B. Cl./Euph.

Tbn./Euph./Bsn./Cello

Tuba/Bass/(Bari. Sax)

Timp.

Perc. 1 (tom, sn.dr.)
on rim

Perc. 2 (rainstick)

Mallets

Track

D 1:13

This musical score page covers measures 24 through 29. The score is for a full orchestra and includes the following parts:

- Fl./Vn./Ob.
- Cl./Tpt.
- Cl./Tpt.
- A. Sx./ (Vn.)
- A. Sx./ (Hn.)
- B \flat Cl./ (Vn./Va.)
- T. Sx./Euph.
- Tbn./Euph./Bsn./Cello
- B. Cl./Euph.
- Tbn./Euph./Bsn./Cello
- Tuba/Bass/ (Bari. Sax)
- Timp.
- Perc. 1 (tom, sn.dr.)
- Perc. 2 (bs. dr.)
- Mallets
- Track

Key performance instructions include dynamics such as *f* (forte) and *p* (piano), and articulation like *on rim* and *tamb.* (tambourine). A large red watermark "Perusal Score" is overlaid diagonally across the page.

E 1:23

30

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sax. (Vn.)

A. Sax. (Hn.)

Bb Cl. (Vn./Va.)

T. Sax./Euph.

Tbn./Euph./Bsn./Cello

B. Cl./Euph.

Tbn./Euph./Bsn./Cello

Tuba/Bass (Bari. Sax)

Perusal Score

Place suspended cymbal on drum head bell side down. Create atmospheric eerie sounds by rolling on cymbal with mallets and moving drum tuning pedal simultaneously.

Timp.

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

30

31

32

33

34

35

36

37

F 1:34

38

Fl./Vn./Ob. *p*

Cl./Tpt. *p*

Cl./Tpt. *p* *mf* *p*

A. Sx./ (Vn.) *p* *mf* *p*

A. Sx./ (Hn.) *p*

B \flat Cl./ (Vn./Va.) *p*

T. Sx./Euph. *p* *mp* *p*

Tbn./Euph./ Bsn./Cello *p* *mp* *p*

B. Cl./Euph. *p*

Tbn./Euph./ Bsn./Cello *p*

Tuba/Bass/ (Bari. Sax)

Timp.

Perc. 1 (sn. dr. hi-hat) [hi-hat brushes] *p*

Perc. 2 (shaker) [shaker (or cabasa)] *p*

Mallets

Track [drum beat starts] *p*

38 39 40 41 42 43 44 45

G 1:45

46

Fl./Vn./Ob. *mp* *mf* *mp* *mf* (Tpt. remove mute)

Cl./Tpt. *mp* *mf* *mp* *mf* (Tpt. remove mute)

Cl./Tpt. *mp* *mf* *mp* *mf* (Tpt. remove mute)

A. Sax./Vn. *mp* *mf* *mp* *mf*

A. Sax./Hn. *mp* *mf* *mp* *mf*

B \flat Cl./Vn./Va. *mp* *mf* *mp* *mf*

T. Sax./Euph. *mp* *mf* *mp* *mf*

Tbn./Euph./Bsn./Cello *mp* *mf* *mp* *mf*

B. Cl./Euph. *mp* *mf* *mp* *mf*

Tbn./Euph./Bsn./Cello *mp* *mf* *mp* *mf*

Tuba/Bass/Bari. Sax. *mp* *mf* *mp* *mf*

Timp. remove sus cym.

Perc. 1 (sn. dr. hi-hat) *mp* *mf* *mp* *mf*

Perc. 2 (shaker) *mp* *mf* *mp* *mf*

Mallets

Track *mp* [drum fill]

46 47 48 49 50 51 52 53

54 H 2:00

Fl./Vn./Ob. *f* (Tpt. open)

Cl./Tpt. *f* (Tpt. open)

Cl./Tpt. *f*

A. Sax./ (Vn.) *f*

A. Sax./ (Hn.) *f*

B \flat Cl./ (Vn./Va.) *f*

T. Sax./Euph. *f*

Tbn./Euph./ Bsn./Cello *f*

B. Cl./Euph. *f*

Tbn./Euph./ Bsn./Cello *f*

Tuba/Bass/ (Bari. Sax) *f*

Timp. (pedal gliss.) *f* (pedal gliss.) *f*

Perc. 1 (sn. dr. hi-hat) sticks *f* [hi-hat] [sn. dr. (prepared with splash cymbal)]

Perc. 2 (bs. dr.) *f* [bs. dr. secco (dampen with towel)]

Mallets *f* [xylo.]

Track *f* [drum fill]

54 55 56 57 58 59 60 61

I 2:15

62

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sx./ (Vn.)

A. Sx./ (Hn.)

B \flat Cl./ (Vn./Va.)

T. Sx./Euph.

Tbn./Euph./ Bsn./Cello

B. Cl./Euph.

Tbn./Euph./ Bsn./Cello

Tuba/Bass/ (Bari. Sax)

Timp.

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

(pedal gliss.)

f

62 63 64 65 66 67 68

J 2:32

69

Fl. / Vn. / Ob.

Cl. / Tpt.

Cl. / Tpt.

A. Sx. / (Vn.)

A. Sx. / (Hn.)

B \flat Cl. / (Vn. / Va.)

T. Sx. / Euph.

Tbn. / Euph. / Bsn. / Cello

B. Cl. / Euph.

Tbn. / Euph. / Bsn. / Cello

Tuba / Bass / (Bari. Sax.)

Timp.

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

69 70 71 72 73 74 75

Dynamic markings: *f*, *mf*, *p*

Performance instructions: Solo, cr. cym.

Other markings: tr , acc , rit , rit. , rit.

K 2:45

76

Fl./Vn./Ob. p mp

Cl./Tpt. p mp

Cl./Tpt. p mp

A. Sax./ (Vn.) Tutti p mp

A. Sax./ (Hn.) p mp

B \flat Cl./ (Vn./Va.) p mp

T. Sax./Euph. p mp

Tbn./Euph./Bsn./Cello p mp

B. Cl./Euph. p mp

Tbn./Euph./Bsn./Cello p mp [Trombone]

Tuba/Bass/(Bari. Sax)

Timp.

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

76 77 78 79 80 81 82 83 84

L 3:01

85

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sax./
(Vn.)

A. Sax./
(Hn.)

B♭ Cl./
(Vn./Va.)

T. Sax./Euph.

Tbn./Euph./
Bsn./Cello

B. Cl./Euph.

Tbn./Euph./
Bsn./Cello

Tuba/Bass/
(Bari. Sax)

Timp.

Perc. 1
(sn. dr.
hi-hat)

Perc. 2
(bs. dr.)

Mallets

Track

85 86 87 88 89 90 91 92 93

94 M 3:15

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sx./ (Vn.)

A. Sx./ (Hn.)

B♭ Cl./ (Vn./Va.)

T. Sx./Euph.

Tbn./Euph./ Bsn./Cello

B. Cl./Euph.

Tbn./Euph./ Bsn./Cello

Tuba/Bass/ (Bari. Sax)

Timp. (pedal gliss.) *f*

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

101

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sx./ (Vn.)

A. Sx./ (Hn.)

B \flat Cl./ (Vn./Va.)

T. Sx./Euph.

Tbn./Euph./ Bsn./Cello

B. Cl./Euph.

Tbn./Euph./ Bsn./Cello

Tuba/Bass/ (Bari. Sax)

Timp. (pedal gliss.)

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

f *fp*

107 **N** 3:29 **O** 3:46 $\text{♩} = 69$

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sx./ (Vn.)

A. Sx./ (Hn.)

B \flat Cl./ (Vn./Va.)

T. Sx./Euph.

Tbn./Euph./ Bsn./Cello

B. Cl./Euph.

Tbn./Euph./ Bsn./Cello

Tuba/Bass/ (Bari. Sax)

Timp.

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

f

f

f

f

f

f

f

f

f

f

f

f

f

cr. cym.

[piano on old record player]

[riff continues upward]

p

107 108 109 110 111 112 113

114 **P** 4:00

Fl./Vn./Ob. *p* *mp* *mf* *p*

Cl./Tpt. *p* *mp* *mf* *p*

Cl./Tpt. *mp* *mf* *p*

A. Sx./ (Vn.) *mp* *mf* *p*

A. Sx./ (Hn.) *p* *mp* *mf* *p*

B \flat Cl./ (Vn./Va.) *p* *mp* *mf* *p*

T. Sx./Euph. *p* *mp* *mf* *fp*

Tbn./Euph./ Bsn./Cello *p* *mp* *mf* *fp*

B. Cl./Euph. *fp*

Tbn./Euph./ Bsn./Cello *fp*

Tuba/Bass/ (Bari. Sax) *fp*

Timp. *fp*

Perc. 1 (sn. dr. hi-hat) *p* *hi-hat*

Perc. 2 (bs. dr.) *fp*

Mallets *mf* *f* *p*

Track *p* *mp* *mf* *f* *p*

114 115 116 117 118 119

4:28

Q ♩ = 69 Chill Groove

120

FL./Vn./Ob. *ff* *f*

Cl./Tpt. *ff* *f*

Cl./Tpt. *ff* *f*

A. Sax./ (Vn.) *ff* *f*

A. Sax./ (Hn.) *ff* *f*

B \flat Cl./ (Vn./Va.) *ff* *f*

T. Sax./Euph. *ff* *f*

Tbn./Euph./ Bsn./Cello *ff* *f*

B. Cl./Euph. *ff* *f*

Tbn./Euph./ Bsn./Cello *ff* *f*

Tuba/Bass/ (Bari. Sax) *mf* *ff* *f*

Timp. *ff* *f* (pedal gliss.)

Perc. 1 (sn. dr. hi-hat) *ff* *f* ride cym. sn. dr. tamb. low tom

Perc. 2 (bs. dr.) *ff* *f*

Mallets *ff* *f*

Track *ff* *f*

R 4:42

125

Fl. / Vn. / Ob.

Cl. / Tpt.

Cl. / Tpt.

A. Sax. / (Vn.)

A. Sax. / (Hn.)

B \flat Cl. / (Vn. / Va.)

T. Sax. / Euph.

Tbn. / Euph. / Bsn. / Cello

B. Cl. / Euph.

Tbn. / Euph. / Bsn. / Cello

Tuba / Bass / (Bari. Sax)

Timp.

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

125

126

127

128

129

130

131

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sx./ (Vn.)

A. Sx./ (Hn.)

B \flat Cl./ (Vn./Va.)

T. Sx./Euph.

Tbn./Euph./ Bsn./Cello

B. Cl./Euph.

Tbn./Euph./ Bsn./Cello

Tuba/Bass/ (Bari. Sax)

Timp.

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

(pedal gliss.)

f

S 4:59

137

Fl./Vn./Ob.

Cl./Tpt.

Cl./Tpt.

A. Sx./ (Vn.)

A. Sx./ (Hn.)

B \flat Cl./ (Vn./Va.)

T. Sx./Euph.

Tbn./Euph./ Bsn./Cello

B. Cl./Euph.

Tbn./Euph./ Bsn./Cello

Tuba/Bass/ (Bari. Sax)

Timp.

Perc. 1 (sn. dr. hi-hat)

Perc. 2 (bs. dr.)

Mallets

Track

p

Clar. only (no Tpt.)

p

Clar. only (no Tpt.)

p

Alto only (no Hn.)

p

p

ff

rainstick (or sub wind chimes)

mp

marm.

mf

[rhythmic rock clicks]

mf

