

Thwhack!

for Flute Ensemble and Boomwhackers

Kristen Hirlinger

Written for the University of Central Missouri's Wind Symposium
Director, Dr. Frank Fenley
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Performance Notes

This piece uses tubes from the 3-octave chromatic Boomwhacker set. It is recommended to use snare stands with practice pads for the four Boomwhacker (BW) parts to exchange tubes quickly and maintain view of the conductor. All tube exchanges have been marked in the score and parts. For these notes, A1 = lowest octave A, A2 = middle octave, A3 = upper octave.

The flutes should be arranged on stage in score order.

This notation is for fluttertongue:



In mm. 77-86, flutes should use a predetermined or random pitched tube to play on special noteheads. The aleatoric section at mm. 77 & 83 is meant to allow some creativity with your performers. At the first section, bracketed figures are to be repeated at the same tempo, but with any value of rest between repetitions (except in BW 1). An example of a series of repetitions might look like this:



The second section holds the same concept for the Boomwhacker parts, but flutes are allowed to use any duplet rhythm they see fit, and can change it throughout the section. This should not be complicated to arrange; ultimately, the goal in this area of the piece is to have fun, and let it show.

Thwhack!

Kristen Hirlinger

Flowing (♩ = 120)

rit.

a tempo

Piccolo

Flute 1
mp

Flute 2
mp

Flute 3
mp

Flute 4
mp

Alto Flute

BW Tubas 1
Start with B \flat 3, A3, F3, B \flat 2, B3

BW Tubas 2
Start with G3, G \sharp 3, B \flat 1, D3

BW Tubas 3
Start with C \sharp 3, E3, E2, F2, B2

BW Tubas 4
Start with A2, A1, E1, B1

Thwhack!

2

10

rit.

a tempo

rit.

The musical score is arranged in a system of staves. The instruments are listed on the left: Picc., Fl. 1, Fl. 2, Fl. 3, Fl. 4, A. Fl., BW 1, BW 2, BW 3, and BW 4. The score begins at measure 7, indicated by a '7' above the Picc. staff. The tempo markings are *rit.* (ritardando) at the beginning and end, and *a tempo* in the middle. The dynamics are *mf* (mezzo-forte) and *mp* (mezzo-piano). The time signature is 4/4. The Picc. part has rests in measures 7-9 and then plays a melodic line starting in measure 10. The Flutes 1-4 and Alto Flute parts have various melodic lines, some with slurs. The Bassoon parts (BW 1-4) have rests throughout the entire passage.

Thwhack!

14

Slower (♩ = 90)

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

BW 1

BW 2

BW 3

BW 4

mf

mf

mf

mf

mf

mf

14

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Thwhack!

23 to BW 4

Picc.
Fl. 1
Fl. 2
Fl. 3
Fl. 4
A. Fl.

mp *mf* *mf* *mf* *mf*

Detailed description: This block contains the musical notation for the Piccolo, Flutes 1-4, and Alto Flute. The Piccolo part starts with a quarter note G4, followed by a quarter rest, and then a quarter note Bb4. Flute 1 has a quarter rest, followed by a quarter note Bb4, and then a quarter note G4. Flute 2 has a quarter rest, followed by a quarter note Bb4, and then a quarter note G4. Flute 3 has a quarter rest, followed by a quarter note Bb4, and then a quarter note G4. Flute 4 has a quarter rest, followed by a quarter note Bb4, and then a quarter note G4. The Alto Flute part has a quarter rest, followed by a quarter note Bb4, and then a quarter note G4. Dynamics include *mp* and *mf*. The score is divided into two measures.

23

BW 1
BW 2
BW 3
BW 4

Switch to E3, F3, A3
Switch to C#3
Give E3 to BW 1
Give C#3 to BW 2
Switch to E2, F2

Detailed description: This block contains the musical notation for Bassoons 1-4. Bassoon 1 has a quarter note G2, followed by a quarter note F2, and then a quarter note E2. Bassoon 2 has a quarter note G2, followed by a quarter note F2, and then a quarter note E2. Bassoon 3 has a quarter note G2, followed by a quarter note F2, and then a quarter note E2. Bassoon 4 has a quarter rest, followed by a quarter note Bb2, and then a quarter note A2. The score is divided into two measures. Performance instructions include: 'Switch to E3, F3, A3' for BW 1, 'Switch to C#3' for BW 2, 'Give E3 to BW 1', 'Give C#3 to BW 2', and 'Switch to E2, F2' for BW 3.

Thwhack!

6

27

25

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

25

BW 1

BW 2

BW 3

BW 4

mf

mf

mf

mf

Thwhack!

28

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

mf

mf

mf

mf

28

BW 1

BW 2

BW 3

BW 4

mf

Thwhack!

31

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

Detailed description: This section of the score covers measures 31 through 34. The Piccolo part is silent, indicated by a horizontal line. Flutes 1, 2, 3, and 4 play a melodic line starting in measure 31. The notes are: Fl. 1 (D4, E4, F4, G4, A4), Fl. 2 (C4, D4, E4, F4, G4), Fl. 3 (B3, C4, D4, E4, F4), and Fl. 4 (A3, B3, C4, D4, E4). The melody is marked with accents (>) and slurs. Flutes 2 and 4 have dynamic markings of *cresc.* and *decresc.* respectively. The Alto Flute part is silent throughout. The key signature has one flat (Bb), and the time signature is 4/4.

31

BW 1

BW 2

BW 3

BW 4

Detailed description: This section of the score covers measures 31 through 34. Bassoon 1 (BW 1) plays a rhythmic pattern of eighth notes with a dotted quarter note, using colored notes: yellow, purple, green, purple, yellow, green, purple, green. Bassoon 2 (BW 2) plays a rhythmic pattern of eighth notes with a dotted quarter note, using red notes: #F3, G3, A3, B3, C4, D4, E4, F4. Bassoon 3 (BW 3) plays a rhythmic pattern of eighth notes with a dotted quarter note, using green notes: G2, A2, B2, C3, D3, E3, F3, G3. Bassoon 4 (BW 4) plays a rhythmic pattern of eighth notes with a dotted quarter note, using purple notes: E2, F2, G2, A2, B2, C3, D3, E3. All bassoon parts are in 4/4 time.

Thwhack!

36

35

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

35

BW 1

BW 2

BW 3

BW 4

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41

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

41

BW 1

BW 2

BW 3

BW 4

Thwhack!

12

47 Relaxed (♩ = 60)

44

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

44

BW 1

BW 2

BW 3

BW 4

Give A3 to BW2
Switch to B♭2, F3

Switch to B♭1, F2

Give F2 to BW2
to Alto

Give A2 to BW 2
to Picc

Thwhack!

48

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

48

BW 1

BW 2

BW 3

BW 4

The musical score is written for a woodwind ensemble. The top system includes Piccolo, Flute 1, Flute 2, Flute 3, Flute 4, and Alto Flute. The bottom system includes Bassoon 1, Bassoon 2, Bassoon 3, and Bassoon 4. The score is divided into two systems, each starting at measure 48. The key signature is one flat (B-flat major or E-flat minor). The time signature changes from 5/4 to 4/4. Dynamics include *mf*, *p*, and crescendos. The Piccolo part has rests in the first two measures and then plays a melodic line in the 5/4 section. Flute 1 has a melodic line starting in the 5/4 section. Flute 2 has a melodic line starting in the 5/4 section. Flute 3 has a melodic line starting in the 5/4 section. Flute 4 has a melodic line starting in the 5/4 section. Alto Flute has a melodic line starting in the 5/4 section. All bassoon parts have rests throughout the entire passage.

Thwhack!

14

52

rit.

51

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

BW 1

BW 2

BW 3

BW 4

p

mp

p

p

p

p

p

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62

Picc. *f* *mp*

Fl. 1 *f* *p*

Fl. 2 *f* *p*

Fl. 3 *f* *p*

Fl. 4 *f* *p*

A. Fl. *f* *p*

BW 1

BW 2

BW 3

BW 4

2/4 2/4 2/4 2/4 2/4 2/4 2/4 2/4 2/4 2/4

Thwhack!

18

Faster (♩ = 102)

rit.

66

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

BW 1

BW 2

BW 3

BW 4

The musical score is arranged in two systems. The first system includes Piccolo (Picc.), Flutes 1-4 (Fl. 1-4), and Alto Flute (A. Fl.). The second system includes Bassoons 1-4 (BW 1-4). The Piccolo part begins at measure 65 with a *rit.* marking and a melodic line. At measure 66, the tempo changes to 'Faster' (♩ = 102) and the time signature changes to 4/4. The flute parts (Fl. 1-4) enter at measure 66 with a *mp* dynamic. The bassoon parts (BW 1-4) enter at measure 66 with a *mf* dynamic. The score is written in 2/4 time initially, then changes to 4/4 at measure 66. The key signature has one flat (B-flat).

Thwhack!

70

68

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

BW 1

BW 2

BW 3

BW 4

f *mp* *mf*

f *mp* *mf*

f *mp* *mf*

f *mp* *mf*

f *mp*

Thwhack!

20

74

72

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

to BW

to BW

to BW

to BW

72

BW 1

BW 2

BW 3

BW 4

Switch to E3, B3

Switch to A2, A3

Switch to E2, B2

Switch to E1, B1

f

mp

f

f

Thwhack!

10"-20"

78

76

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

76

BW 1

BW 2

BW 3

BW 4

*ad lib.**

*ad lib.**

*ad lib.**

*ad lib.**

mp

mp

mp

mp

*ad lib.**

*no ad lib.**

*ad lib.**

*ad lib.**

Stop early, switch B3 for F3

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Thwhack!

83

Picc. (Piccolo) - Treble clef, 2/4 time. Rest.

Fl. 1 (Flute 1) - Treble clef, 2/4 time. *ff* (fortissimo). Trill (x) with triplet (3) markings. *to flute* instruction. Rest.

Fl. 2 (Flute 2) - Treble clef, 2/4 time. *ff* (fortissimo). Trill (x) with triplet (3) markings. *to flute* instruction. Rest.

Fl. 3 (Flute 3) - Treble clef, 2/4 time. *ff* (fortissimo). Trill (x) with triplet (3) markings. *to flute* instruction. Rest.

Fl. 4 (Flute 4) - Treble clef, 2/4 time. *ff* (fortissimo). Trill (x) with triplet (3) markings. *to flute* instruction. Rest.

A. Fl. (Alto Flute) - Treble clef, 2/4 time. Rest.

BW 1 (Bassoon 1) - Treble clef, 2/4 time. *ff* (fortissimo) with triplet (3) markings. *f* (forte) with triplet (3) markings. *mp* (mezzo-piano) with triplet (3) markings. *p* (piano). *f* (forte) with accents (>).

BW 2 (Bassoon 2) - Treble clef, 2/4 time. *ff* (fortissimo) with triplet (3) markings. *Switch to G#3, D3* instruction. *p* (piano). *f* (forte).

BW 3 (Bassoon 3) - Bass clef, 2/4 time. *ff* (fortissimo) with triplet (3) markings. *f* (forte) with triplet (3) markings. *mp* (mezzo-piano) with triplet (3) markings. *p* (piano).

BW 4 (Bassoon 4) - Bass clef, 2/4 time. *ff* (fortissimo) with triplet (3) markings. *f* (forte) with triplet (3) markings. *mp* (mezzo-piano) with triplet (3) markings. *p* (piano).

Thwhack!

89

88

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

88

BW 1

BW 2

BW 3

BW 4

Switch to E3, F3, A3

Give A3 to BW 1
Give F2 to BW 3
Give A2 to BW 4
Switch to C#3

Switch to E2, F2

Switch to A1, A2

Thwhack!

94

92

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

cresc.

f

f

f

f

Detailed description: This musical score block covers measures 92 to 94 for the Piccolo, Flutes 1-4, and Alto Flute. The Piccolo part is mostly silent, with a few notes in measure 94. Flutes 1-4 play a rhythmic pattern of eighth notes, with Flute 4 marked *cresc.* in measure 92. In measure 94, all four flutes play a melodic phrase starting with a half note, marked *f*. The Alto Flute part is silent throughout.

92

BW 1

BW 2

BW 3

BW 4

mf

mf

mf

f

mf

Detailed description: This musical score block covers measures 92 to 94 for Bassoons 1-4. Bassoon 1 is silent in measures 92-93 and plays a melodic phrase in measure 94, marked *mf*. Bassoon 2 is silent in measures 92-93 and plays a melodic phrase in measure 94, marked *mf*. Bassoon 3 is silent in measures 92-93 and plays a melodic phrase in measure 94, marked *mf*. Bassoon 4 is silent in measures 92-93 and plays a melodic phrase in measure 94, marked *f* in measure 93 and *mf* in measure 94.

Thwhack!

95

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

95

BW 1

BW 2

BW 3

BW 4

Thwhack!

98

Picc.

Fl. 1

Fl. 2

Fl. 3

Fl. 4

A. Fl.

mp

mp

mp

mp

98

BW 1

BW 2

BW 3

BW 4

p

p

p

p

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