

Foundry

(2011)

for concert band with "found" percussion

Grade 3

John Mackey

Commissioned by Willow Wood Junior High School (James Shaw), McCracken Middle School (Chip De Stefano),
Piedmont High School (Andrew Anderson), Worthington Kilbourne High School (Don Nathan),
Memorial High School (Heath Miller), Langley High School (Andrew Gekoskie),
William Mason High School (Robert Bass), and Conner Middle School (James Daughters).

Instrumentation

2 Flutes
Oboe(s)
Bassoon(s)

3 Clarinets in Bb
Bass Clarinet in Bb

2 Alto Saxes
Tenor Sax
Baritone Sax

3 Trumpets in Bb
2 French Horns
3 Trombones
Euphonium
Tuba

Percussion: (12 players preferred) *

Timpani (tuning, low-to-high : G, Bb, D, A)

Xylophone

Marimba

4 resonant, rattling piles of metal or other rattling metal objects,
such as train rails with other metal leaned on top. Must have some resonance.

Vibraslap and "Clang" - a metal instrument, probably struck with a hammer, that creates
a rich (ie, deep, not pingy) "clang" sound. Could be a metal pipe, or a brake
drum with a bell plate on top, etc. Do not simply use a brake drum.

4 wooden objects, unpitched (something like temple blocks or wood blocks)

4 metal mixing-type bowls, suspended or placed in a way that they are allowed to resonate
or, various gongs with unclear specific pitches

Whip (or other wooden, unpitched, bright sound with immediate decay and no ring)

4 cymbals : 1 Splash cymbal (or other bright, quick-decay cymbal),
1 suspended crash cymbal, and 2 different-sized China-like cymbals
(think quick attack, rich color, and "trashy" - could be two pairs of stacked/nested cymbals)

4 tom-toms and 1 kevlar drum (or snare drum in place of kevlar drum)

Wind gong (or other large cymbal, rich in color, that speaks quickly and can be quickly choked,
or, a thundersheet, shaken instead of struck)

Bass drum

* It is preferred that all percussion parts be assigned, even if it means "borrowing" players from other sections of the ensemble that may be otherwise "over-staffed." The exception is the trombone section, which must not be thinned.) If any percussion parts must be omitted, the marimba, wind gong, and whip parts should be the first cut.

10

flut. *sfz* *ff* *flut.* *sfz* *ff* *flut.*

Clar. 1 2. Clar. 2-3 2. Bs. Cl. 2.

A. Sx. 2. T. Sx. B. Sx.

Tpt. 1-2 *fp* *ff* *biting* Horns *a 2* *sim.* Tpt. 3 *ff* Horns *a 2*

Tbn. 1 Tbn. 2-3 Euph. Tuba

Timp Xylo *f* *ff* *f* *ff* *f* *ff* *f* Mba Metal V-slap Clang Wood Bells Whip Cymb *choke* *f* Toms Wind gong *ff* BD

27

Fl. 1
 Fl. 2
 Ob.
 Bsn.
 Clar. 1
 Clar. 2-3
 Bs. Cl.
 A. Sx.
 T. Sx.
 B. Sx.
 Tpt. 1-2
 Tpt. 3
 Horns
 Tbn. 1
 Tbn. 2-3
 Euph.
 Tuba
 Timp.
 Xylo
 Mba
 Metal
 V-slap
 Clang
 Wood
 Bwls
 Whip
 Cymb.
 Toms
 Wind gong
 BD

Musical score for measures 27-30. The score includes staves for various instruments and percussion. The key signature is B-flat major. The time signature changes from 4/4 to 2/4 at measure 28 and back to 4/4 at measure 29. Dynamic markings include *ff* (fortissimo) and *f* (forte). Performance instructions include *choke* for cymbals and *a2* for saxophones. The score features complex rhythmic patterns and articulation marks such as accents and slurs.

51

D

Fl. I
Fl. 2
Ob.
Bsn.

Clar. I
Clar. 2-3
Bs. Cl.
A. Sx.
T. Sx.
B. Sx.

D

Tpt. 1-2
Tpt. 3
Horns
Tbn. I
Tbn. 2-3
Euph.
Tuba

D

Timp.
Xylo.
Mba.
Metal
V-slap
Clang
Wood
Bows
Whip
Cymb.
Toms
Wind gong
BD

59

Fl. I *p* solo

Fl. 2

Ob.

Bsn.

Clar. 1 *p*

Clar. 2-3 *p* 2.

Bs. Cl. *p*

A. Sx. *p* 1.

T. Sx. *p*

B. Sx. *p*

Tpt. 1-2

Tpt. 3

Horns

Tbn. 1

Tbn. 2-3

Euph.

Tuba

Timp

Xylo *p*

Mba *p*

Metal *p* *mp*

V-slap

Clang

Wood *mp*

Bows *p* *mp*

Whip

Cymb

Toms

Wind gong *p* *mp* scrape

BD *p*

67

E

Fl. I *p* *mf* *p* tutti

Fl. 2 *p* *mf*

Ob.

Bsn. *p* *mf*

Clar. I *mf*

Clar. 2-3 *mf*

Bs. Cl. *mf*

A. Sx. *mf*

T. Sx. *mf*

B. Sx. *mf*

E

Horn *mp* *mf*

Tpt. 1-2 *mp* *mf*

Tpt. 3

Horns *p* *mf* *mp* a 2

Tbn. I *mp*

Tbn. 2-3 *mp*

Euph.

Tuba

E

Timp *mp*

Xylo

Mba

Metal

V-slap

Clang *mp*

Wood

Bowls *p* *mp* *mf* *p*

Whip

Cymb

Toms

Wind gong *p* *mp* scrape

BD *mp*

F

Fl. I *poco a poco cresc.* *f* *cresc.*

Fl. 2 *f* *cresc.*

Ob. *mp* *f* *cresc.*

Bsn. *mf* *poco a poco cresc.* *f* *cresc.*

Clar. I *mf* *poco a poco cresc.* *f* *cresc.*

Clar. 2-3 *f* *cresc.*

Bs. Cl. *mf* *poco a poco cresc.* *f* *cresc.*

A. Sx. *mp* *poco a poco cresc.* *f* *cresc.*

T. Sx. *mf* *poco a poco cresc.* *f* *cresc.*

B. Sx. *mf* *poco a poco cresc.* *f* *cresc.*

Tpt. 1-2 *mp* *f* *mf* *cresc.*

Tpt. 3

Horns *poco a poco cresc.* *f*

Tbn. I *poco a poco cresc.* *f* *mf* *cresc.*

Tbn. 2-3 *poco a poco cresc.* *f* *mf* *cresc.*

Euph. *mf*

Tuba *mf*

Timp *poco a poco cresc.* *f* *mf* *cresc.*

Xylo *ff* *mf* *cresc.*

Mba *cresc.*

Metal *f*

V-slap

Clang

Wood *mp* *poco a poco cresc.*

Bowls *mf* *cresc.*

Whip

Cymb

Toms

Wind gong

BD *f* *mf* *cresc.*

83

G

Fl. I *ff* *mf* *cresc.*
 Fl. 2 *ff* *mf* *cresc.*
 Ob. *ff* *mf* *cresc.*
 Bsn. *ff* *mf* *cresc.*
 Clar. I *ff* *mp* *cresc.*
 Clar. 2-3 *ff* *mp* *cresc.*
 Bs. Cl. *ff* *mf* *cresc.*
 A. Sx. *ff* *mp* *cresc.* *f*
 T. Sx. *ff* *mp* *mf* *cresc.* *f*
 B. Sx. *ff* *mp* *cresc.*
 Tpt. 1-2 *ff* *mf* *f*
 Tpt. 3 *ff* *f*
 Horns *ff* *p* *cresc.* *mf* *cresc.*
 Tbn. I *ff* *mf* *cresc.* *f*
 Tbn. 2-3 *ff* *mf* *cresc.* *f*
 Euph. *ff* *mf* *cresc.* *f*
 Tuba *ff* *mp* *cresc.* *f*
 Timp *ff* *mp* *cresc.* *f* *cresc.*
 Xylo *ff* *mf* *cresc.*
 Mba *ff* *mf* *cresc.*
 Metal *f* *mp* *cresc.* *ff*
 V-slap
 Clang *mp*
 Wood *f* *mp* *poco a poco cresc.* *f* *ff*
 Bows *f* *p* *poco a poco cresc.*
 Whip
 Cymb *f* *ff* *choke*
 Toms *mp* *poco a poco cresc.*
 Wind gong *p* *mf* *f* *ff*
 BD *f* *ff* *mp* *cresc.* *f* *ff*

H

92

Fl. I *ff*

Fl. 2 *ff*

Ob. *ff*

Bsn. *ff*

Clar. I *ff*

Clar. 2-3 *ff*

Bs. Cl. *ff*

A. Sx. *ff*

T. Sx. *ff*

B. Sx. *ff*

Tpt. 1-2 *ff*

Tpt. 3 *ff*

Horns *ff*

Tbn. I *ff*

Tbn. 2-3 *ff*

Euph. *ff*

Tuba *ff*

Timp *ff*

Xylo

Mba *ff*

Metal *f*

V-slap

Clang *f*

Wood *ff*

Bows *ff*

Whip

Cymb *f* *ff* *choke* *choke*

Toms *ff*

Wind gong

BD

all snare hits from here onward are rim-shots

99

I

Fl. I
Fl. 2
Ob.
Bsn.
Clar. I
Clar. 2-3
Bs. Cl.
A. Sx.
T. Sx.
B. Sx.
Tpt. 1-2
Tpt. 3
Horns
Tbn. 1
Tbn. 2-3
Euph.
Tuba
Timp
Xylo
Mba
Metal
V-slap
Clang
Wood
Bows
Whip
Cymb
Toms
Wind gong
BD

106

J

This page of a musical score, page 18, features rehearsal mark J. It is a full orchestral score with the following instruments and parts:

- Flutes:** Fl. 1 and Fl. 2. Fl. 1 has a *ff* dynamic and a *f* dynamic. Fl. 2 has a *ff* dynamic and a *f* dynamic. A note in Fl. 2 is marked "(lower octave preferred)".
- Woodwinds:** Ob. (Oboe) with *ff* and *f* dynamics. Clar. 1 (Clarinet 1) with *ff* and *f* dynamics, and a *a 2* marking. Bs. Cl. (Bass Clarinet) with *ff* and *f* dynamics. A. Sx. (Alto Saxophone), T. Sx. (Tenor Saxophone), and B. Sx. (Bass Saxophone) all have *ff* dynamics.
- Brass:** Tpt. 1-2 (Trumpets 1-2) with *ff* and *f* dynamics. Tpt. 3 (Trumpet 3) with *ff* and *f* dynamics. Horns with *ff* and *f* dynamics. Tbn. 1 (Tenor Trombone 1) with *ff* and *f* dynamics. Tbn. 2-3 (Tenor Trombones 2-3) with *ff* and *f* dynamics. Euph. (Euphonium) with *ff* and *f* dynamics. Tuba with *ff* and *f* dynamics.
- Percussion:** Timp. (Timpani) with *ff* and *f* dynamics. Xylo. (Xylophone) with *ff* and *f* dynamics. Mba. (Mallet Bass Drum) with *f* and *ff* dynamics. Metal with *f* and *ff* dynamics. V-slap (Vibraphone Slap) with *ff* dynamics. Clang (Cymbal Clang) with *ff* dynamics. Wood with *ff* and *f* dynamics. Bows (Bells) with *ff* dynamics. Whip with *ff* dynamics. Cymb. (Cymbal) with *ff* and *f* dynamics, and two *choke* markings. Toms with *ff* and *f* dynamics. Wind gong with *ff* and *f* dynamics. BD (Bass Drum) with *ff* and *f* dynamics.

The score includes various musical notations such as dynamics (*ff*, *f*), articulation marks (accents, staccato), and performance instructions like *choke*. Rehearsal mark J is placed above the Fl. 1 staff and below the Tuba staff.

137

M

Flut. *sfz* *ff* *sfz* *ff*

Fl. 1 *sfz* *ff* *sfz* *ff*

Fl. 2 *sfz* *ff* *sfz* *ff*

Ob. *sfz* *ff* *sfz* *ff*

Bsn. *sfz* *ff* *sfz* *ff*

Clar. 1 *sfz* *ff* *sfz* *ff*

Clar. 2-3 *sfz* *ff* *sfz* *ff*

Bs. Cl. *sfz* *ff* *sfz* *ff*

A. Sx. *sfz* *ff* *sfz* *ff*

T. Sx. *sfz* *ff* *sfz* *ff*

B. Sx. *sfz* *ff* *sfz* *ff*

Horns *sfz* *ff* *sfz* *ff*

Tpt. 1-2 *sfz* *ff* *sfz* *ff*

Tpt. 3 *sfz* *ff* *sfz* *ff*

Horns *sfz* *ff* *sfz* *ff*

Tbn. 1 *sfz* *ff* *sfz* *ff*

Tbn. 2-3 *sfz* *ff* *sfz* *ff*

Euph. *sfz* *ff* *sfz* *ff*

Tuba *sfz* *ff* *sfz* *ff*

M

Timp *sfz* *ff* *sfz* *ff*

Xylo *sfz* *ff* *sfz* *ff*

Mba *sfz* *ff* *sfz* *ff*

Metal *sfz* *ff* *sfz* *ff*

V-slap *sfz* *ff* *sfz* *ff*

Clang *sfz* *ff* *sfz* *ff*

Wood *sfz* *ff* *sfz* *ff*

Bows *sfz* *ff* *sfz* *ff*

Whip *sfz* *ff* *sfz* *ff*

Cymb *choke* *f* *ff* *choke* *f* *ff*

Toms *sfz* *ff* *sfz* *ff*

Wind gong *sfz* *ff* *sfz* *ff*

BD *sfz* *ff* *sfz* *ff*

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

145

N

Fl. I
Fl. 2
Ob.
Bsn.
Clar. I
Clar. 2-3
Bs. Cl.
A. Sx.
T. Sx.
B. Sx.
Tpt. 1-2
Tpt. 3
Horns
Tbn. I
Tbn. 2-3
Euph.
Tuba
Timp
Xylo
Mba
Metal
V-slap
Clang
Wood
Bows
Whip
Cymb
Toms
Wind gong
BD

The score is for a large ensemble, including woodwinds, brass, and percussion. The woodwinds (Flutes, Oboe, Bassoon, Clarinets, Saxophones) and brass (Trumpets, Trombones, Horns, Euphonium, Tuba) parts are written in standard notation. The percussion section includes Timpani, Xylophone, Mbari, Metal, V-slap, Clang, Wood, Bows, Whip, Cymbals, Toms, Wind gong, and BD. The score is in 2/4 and 4/4 time signatures and features various dynamics and articulations.

Key features of the score include:

- Time Signatures:** Alternating between 2/4 and 4/4.
- Articulation:** Numerous accents and slurs are used throughout the score.
- Dynamics:** Includes markings for *ff* (fortissimo) and *f* (forte).
- Performance Instructions:** Includes "choke" markings for the cymbals and "N" (Normal) markings for the brass instruments.

152

Fl. 1

Fl. 2

Ob.

Bsn.

Clar. 1

Clar. 2-3

Bs. Cl.

A. Sx.

T. Sx.

B. Sx.

Tpt. 1-2

Tpt. 3

Horns

Tbn. 1

Tbn. 2-3

Euph.

Tuba

Timp

Xylo

Mba

Metal

V-slap

Clang

Wood

Bows

Whip

Cymb

Toms

Wind gong

BD

choke

choke

choke

fff

ff

a 2

April 30, 2011
Austin, TX