

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.

John Mackey

♩ = 144, not faster. Heavily, with precision.

The image shows a page from a musical score for a large ensemble. The instruments listed on the left are:

- Flute 1
- Flute 2
- Oboe
- Bassoons
- B♭ Clarinet I
- B♭ Clarinet 2-3
- Bass Clarinet
- Alto Sax
- Tenor Sax
- Baritone Sax
- Trumpet I-2
- Trumpet 3
- Horns
- Trombone I
- Trombone 2-3
- Euphonium
- Tuba
- Timpani
- Xylophone
- Marimba
- 4 Metal piles
- Vibraslap
- Clang
- 4 Woods
- 4 Metal bowls
- Whip
- Cymbals
- Tom-Toms & Snare
- Wind gong
- Bass Drum

The score is written in 4/4 time. It features various musical notations including notes, rests, and dynamic markings such as *ff*, *f*, *p*, and *sim.*. There are also performance instructions like "heads should be very tight" and "choke (secco, extremely short and startling)". The bottom of the page has a copyright notice: "Copyright © 2014 Ori Music Inc."

10

Fl. 1 *flut.*

Fl. 2 *sfz flut.*

Ob.

Bsn.

Clar. 1

Clar. 2-3

Bs. Cl.

A. Sx.

T. Sx.

B. Sx.

Tpt. 1-2 *fp*

Tpt. 3 *ff biting*

Horns *ff*

Tbn. 1

Tbn. 2-3

Euph.

Tuba

Timp

Xylo *f*

Mba *ff*

Metal

V-slap

Clang

Wood

Bowls

Whip

Cymb *choke*

Toms *f*

Wind gong

BD *ff*

19 **A**

Fl. I *f*

Fl. 2 *f*

Ob. *f*

Bsn. *f*

Clar. I *f*

Clar. 2-3 *f*

Bs. Cl. *f*

A. Sx. *f*

T. Sx. *f*

B. Sx. *f*

A

Tpt. I-2 *f* a 2

Tpt. 3 *f* Horns

Horns *f*

Tbn. I *f*

Tbn. 2-3 *f* *p* *f*

Euph. *f*

Tuba *f*

A

Timp *f*

Xylo *ff*

Mba *f*

Metal *mf*

V-slap

Clang

Wood

Bowls

Whip

Cymb *choke* *choke* *choke* *choke*

Toms

Wind gong

BD

2/4 4/4

35 **B**

Fl. 1 *mf* *cresc.*

Fl. 2 *mf* *cresc.*

Ob. *mf* *cresc.*

Bsn. *f* *mf* *cresc.*

Clar. 1 *a 2* *mf* *cresc.*

Clar. 2-3 *mf* *cresc.*

Bs. Cl. *f* *mf* *cresc.*

A. Sx. *f* *mf* *cresc.*

T. Sx. *mf* *cresc.*

B. Sx. *mf* *cresc.*

B

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

Tpt. 3 *mf* *cresc.*

Horns *f* *cresc.*

Tbn. 1 *mf* *cresc.*

Tbn. 2-3 *mf* *cresc.*

Euph. *mf* *cresc.*

Tuba *mf* *cresc.*

B

Timp *f* *mf* *cresc.*

Xylo *mf*

Mba *mf* *cresc.*

Metal *mf* *mp*

V-slap *mf*

Clang *mp*

Wood *mf* *cresc.*

Bowls *mf* *cresc.*

Whip

Cymb *choke* *f* *mp* *choke* *choke* *cresc.*

Toms *mf* *cresc.*

Wind gong *scrape* *f* *mp* *scrape* *mf* *mp* *cresc.*

BD *mf* *mp* *cresc.*

This musical score page, numbered 59, contains staves for various instruments and percussion. The woodwinds section includes Flutes 1 & 2, Oboe, Bassoon, Clarinet 1, Clarinets 2-3, Bass Clarinet, Saxophone Alto 1st, Saxophone Tenor, and Saxophone Baritone. The brass section includes Trumpets 1-2, Trumpet 3, Horns, Trombone 1, Trombones 2-3, Euphonium, and Tuba. The percussion section includes Timpani, Xylophone, Maracas/Bongos, Metal, V-slaps, Clang, Woodblocks, Bowls, Whip, Cymbals, Toms, Wind Gong, and Bongos Drum.

The score features several dynamic markings such as *p* (piano), *mp* (mezzo-piano), and *f* (forte). It also includes performance instructions like "solo" above the first flute staff and "scrape" with a wavy line above the wind gong staff. The notation includes rests, notes, slurs, and articulation marks across all staves.

67

E

Fl. 1 *p* *mf* *p* tutti

Fl. 2 *p* *mf*

Ob.

Bsn. *p* *mf*

Clar. 1 *mf*

Clar. 2-3 *mf*

Bs. Cl. *mf*

A. Sx. *mf*

T. Sx. *mf*

B. Sx. *mf*

Horn *mp* *mf*

Tpt. 1-2 *mp* *mf*

Tpt. 3 *mp* *mf*

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

Tbn. 1 *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*

75

F

Fl. 1 *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* *mp* *poco a poco cresc.* *mf* *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.*

G

83

Fl. 1 *ff* *mf* *cresc.*

Fl. 2 *ff* *mf* *cresc.*

Ob. *ff* *mf* *cresc.*

Bsn. *ff* *mf* *cresc.*

Clar. 1 *ff* *mp* *cresc.*

Clar. 2-3 *ff* *mp* *cresc.*

Bs. Cl. *ff* *mp* *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. 1 *ff* *mf* *cresc.* *f*

Tbn. 2-3 *ff* *mf* *cresc.* *a 2* *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 *mp*

Clang *mp* *mf* *f* *ff*

Wood *f* *mp* *poco a poco cresc.* *ff*

Bowls *f* *p* *poco a poco cresc.*

Whip

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

Toms *mp* *poco a poco cresc.* *f* *ff*

Wind gong *p* *mf* *f* *ff*

BD *f* *ff* *mp* *cresc.* *ff*

92

Fl. 1 *ff*

Fl. 2 *ff*

Ob. *ff*

Bsn. *ff*

Clar. 1 *ff*

Clar. 2-3 *ff*

Bs. Cl. *ff*

A. Sx. *ff*

T. Sx. *ff*

B. Sx. *ff*

H

Tpt. 1-2 *ff*

Tpt. 3 *ff*

Horns *ff*

Tbn. 1 *ff*

Tbn. 2-3 *ff*

Euph. *ff*

Tuba *ff*

H

Timp *ff*

Xylo *ff*

Mba *ff*

Metal *f*

V-slap

Clang *f*

Wood *ff*

Bowls *ff*

Whip

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

Toms *ff*

Wind gong

BD

all snare hits from here onward are rim-shots

106

J

Fl. I

Fl. 2

Ob.

Bsn.

Clar. I

Clar. 2-3

Bs. Cl.

A. Sx.

T. Sx.

B. Sx.

J

Tpt. I-2

Tpt. 3

Horns

Tbn. I

Tbn. 2-3

Euph.

Tuba

J

Timp

Xylo

Mba

Metal

V-slap

Clang

Wood

Bowls

Whip

Cymb

Toms

Wind gong

BD

ff

f

f (lower octave preferred)

a 2

choke

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

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

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

Bowls

sfz

ff

sfz

ff

Whip

sfz

ff

sfz

ff

Cymb

sfz

ff

sfz

ff

Toms

sfz

ff

sfz

ff

Wind gong

sfz

ff

sfz

ff

BD

sfz

ff

sfz

ff

152

This musical score page contains measures 152 through 156. It features a variety of instruments including woodwinds (Flutes 1 & 2, Oboe, Bassoon, Clarinets 1 & 2-3, Bass Clarinet), strings (Violins, Violas, Cellos, Double Basses), and a large percussion section. The percussion section includes Toms, Snare, Cymbals, Triangles, and various auxiliary percussion instruments like Congas, Bongos, and a Djembe. The score is written in a standard musical notation with a key signature of one flat and a common time signature. The percussion parts are marked with 'ff' (fortissimo) and 'choke' instructions. The woodwind parts include various melodic and harmonic lines, with some measures marked 'a2'.

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
ff
choke
choke
A
A