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PRÉLUDE

by

CHRISTOPHER BAYLEY

**BACHELOR OF MUSIC, BUTLER UNIVERSITY
MASTER OF MUSIC, UNIVERSITY OF NEW MEXICO**

THESIS

Submitted in Partial Fulfillment of the
Requirements for the Degree of

Master of Music

The University of New Mexico
Albuquerque, New Mexico

July, 2012

Prélude

By

Christopher Bayley

B.M., Butler University, 2010
M.Mu., University of New Mexico, 2012

Abstract

The objective of my musical study has been to experiment with the wealth of variation in timbre that is available to acoustic and electroacoustic instruments. Prélude is an example of a large-scale music compositions that explores timbre as a unique element in the field of music composition. Prélude incorporates extended techniques, exceptionally specific notation, and unique tonal realms that are founded on a comprehensive study of post-tonal music theory and composition.

score is transposed

christopher bayley¹
prélude
for symphonic wind ensemble

sensitive; with clarity

♩=90–120

Piccolo

Flute I+II

Flute III+IV

Oboe I+II

Oboe III+IV

English Horn

Clarinet in B♭ I+II

Clarinet in B♭ III+IV

Bass Clarinet in B♭

Alto Saxophone I+II

Alto Saxophone III+IV

Baritone Saxophone

Bassoon

Horn in F

Trombone

Tuba

Timpani

Bass Drum

Tam-tam

Pitched Gongs

Tubular Bells

Glockenspiel

6

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T-t.

Gongs

Tub. B.

Glock.

flutter tongue
pp

flutter tongue
pp

breath (reed out)
"ff"

take reed out
mp

breath (reed out)
"ff"

pp

11

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.-t.

Gongs

Tub. B.

Glock.

flutter tongue
pp f pp

flutter tongue
pp f pp

put reed in
p 3 pp pppp

put reed in
p 3 pp pppp

breath (reed in)
"ff" (non decresc)
breath (reed in)
"ff" (non decresc)

breath (reed in)
"ff" (non decresc)

17

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T-t.

Gongs

Tub. B.

Glock.

22

Musical score page 5, system 22. The score is for a full orchestra and includes staves for Picc., Fl. I+II, Fl. III+IV, Ob. I+II, Ob. III+IV, Eng. Hn., Cl. I+II, Cl. III+IV, B. Cl., Alto Sax. I+II, Alto Sax. III+IV, Bari. Sax., Bsn., Hn., Tbn., Tba., Timp., B. D., T-t., Gongs, Tub. B., and Glock.

Measure 22 details:

- Ob. I+II:** $\text{mp} \leftarrow \text{sf}$, pp
- Ob. III+IV:** mf , f , ff , mf , $\text{p} \leftarrow \text{ff}$, $\text{f} \leftarrow \text{fff}$, pp
- Cl. I+II:** $\text{mp} \leftarrow \text{sf}$, pp
- Cl. III+IV:** mf , f , ff , mf , $\text{p} \leftarrow \text{ff}$, $\text{f} \leftarrow \text{fff}$, pp

27

6

Picc.

Fl. I+II flutter tongue *p* *3*

Fl. III+IV flutter tongue *p* *3*

Ob. I+II

Ob. III+IV *pppp*

Eng. Hn.

Cl. I+II

Cl. III+IV *pppp*

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.-t.

Gongs

Tub. B.

Glock.

33

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.t.

Gongs

Tub. B.

Glock.

38

8

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.-t.

Gongs

Tub. B.

Glock.

This page contains two measures of music, labeled 38 and 8. The instrumentation includes Piccolo, Flutes I+II, Flutes III+IV, Oboes I+II, Oboes III+IV, English Horn, Clarinets I+II, Clarinets III+IV, Bassoon, Horn, Trombone, Tuba, Timpani, Bass Drum, Triangle, Gongs, Tubular Bells, and Glockenspiel. Measure 38 starts with Flutes I+II at f, followed by Flutes III+IV at mp, Oboes I+II at f, and Clarinets I+II at mp. Measure 8 follows with Flutes III+IV at mp, Oboes III+IV at mf, Oboes I+II at f, and Clarinets I+II at mp. The score continues with sustained notes and rests for the remaining instruments.

42

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timpani

B. D.

T.-t.

Gongs

Tub. B.

Glock.

flutter tongue
3 pp

flutter tongue
3 pp

solo
mf p

f pp

flutter tongue
3 pp

5

5

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46

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

tutti

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.-t.

Gongs

Tub. B.

Glock.

51

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.t.

Gongs

Tub. B.

Glock.

11

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Tim.

B. D.

T.-t.

Gongs

Tub. B.

Glock.

60

66

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.-t.

Gongs

Tub. B.

Glock.

♩=60-80

73

15

Picc.

Fl. I+II *pp*

Fl. III+IV *p*

Ob. I+II

Ob. III+IV

Eng. Hn. breath (reed in)
"ff" (non decresc)

Cl. I+II "ff" (non decresc)
breath (reed in)

Cl. III+IV "ff" (non decresc)

B. Cl. breath (reed in)

Alto Sax. I+II "ff" (non decresc)

Alto Sax. III+IV breath (reed in)
"ff" (non decresc)

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.-t.

Gongs

Tub. B. *pp* l.v. l.v.

Glock.

Musical score page 17, system 82. The score consists of 18 staves. The top section (measures 1-6) features woodwind and brass instruments: Picc., Fl. I+II, Fl. III+IV, Ob. I+II, Ob. III+IV, Eng. Hn., Cl. I+II, Cl. III+IV, B. Cl., Alto Sax. I+II, Alto Sax. III+IV, Bari. Sax., Bsn., Hn., Tbn., and Tba. The middle section (measures 7-12) features the Timp., B. D., T-t., Gong, Tub. B., and Glock. Measure 12 concludes with a repeat sign and measure 13 begins with a dynamic of *l.v.* (leggiero).

Musical score page 18, system 88. The score includes parts for Picc., Fl. I+II, Fl. III+IV, Ob. I+II, Ob. III+IV, Eng. Hn., Cl. I+II, Cl. III+IV, B. Cl., Alto Sax. I+II, Alto Sax. III+IV, Bari. Sax., Bsn., Hn., Tbn., Tba., Timp., B. D., T.t., Gong, Tub. B., and Glock.

The score consists of 15 staves. The top 14 staves begin with a rest, followed by measures 1 through 5. Measures 1-4 feature eighth-note patterns on various instruments (e.g., B. Cl., Alto Sax. I+II, Bari. Sax., Bsn., Hn.). Measure 5 shows dynamic markings: *mf*, *f*, *mp*, *mf*, and *p*. The bottom staff (Glock.) begins with a rest, followed by measures 1 through 5, each containing a single eighth note.

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

ppp

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

pp

mf

p

pp

ppp

Bsn.

ppp

mf

p

pp

ppp

Hn.

Tbn.

Tba.

Timp.

B. D.

T.-t.

Gongs

l.v.

l.v.

l.v.

l.v.

l.v.

Tub. B.

Glock.

98

20

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.
"ff" (non decresc)
breath (reed in)

Alto Sax. I+II

Alto Sax. III+IV
breath (reed in)

Bari. Sax.
"ff" (non decresc)
breath (reed in)

Bsn.
"ff" (non decresc)

Hn.

Tbn.

Tba.

Tim.

B. D.

T-t.

Gongs
l.v.
l.v.
l.v.

Tub. B.
pp

Glock.

Musical score for orchestra, page 21, measure 104. The score includes parts for Picc., Fl. I+II, Fl. III+IV, Ob. I+II, Ob. III+IV, Eng. Hn., Cl. I+II, Cl. III+IV, B. Cl., Alto Sax. I+II, Alto Sax. III+IV, Bari. Sax., Bsn., Hn., Tbn., Tba., Timp., B. D., T-t., Gongs, Tub. B., and Glock.

Instrumental parts shown:

- Picc.
- Fl. I+II
- Fl. III+IV
- Ob. I+II
- Ob. III+IV
- Eng. Hn.
- Cl. I+II
- Cl. III+IV
- B. Cl.
- Alto Sax. I+II
- Alto Sax. III+IV
- Bari. Sax.
- Bsn.
- Hn.
- Tbn.
- Tba.
- Timp.
- B. D.
- T-t.
- Gongs
- Tub. B.
- Glock.

Measure 104 contains the following musical elements:

- Dynamics: *pp* (pianissimo) is indicated under the Hn. and Tbn. staves.
- Grace Notes: Grace notes are present on the Alto Sax. I+II, Alto Sax. III+IV, and B. Cl. staves.
- Sustained Notes: Sustained notes are indicated by horizontal lines under the Hn., Tbn., and Tba. staves.
- Other markings: Various rests and short note heads are distributed across the measures.

rit.

Musical score page 22. The score consists of two systems of music. The top system starts with a dynamic of **111** and includes staves for Picc., Fl. I+II, Fl. III+IV, Ob. I+II, Ob. III+IV, Eng. Hn., Cl. I+II, Cl. III+IV, B. Cl., Alto Sax. I+II, Alto Sax. III+IV, Bari. Sax., and Bsn. The middle section of this system contains measures of music for Cl. I+II, Cl. III+IV, and B. Cl., followed by a rest. The bottom system starts with a dynamic of **rit.** and includes staves for Hn., Tbn., Tba., Timp., B. D., T.t., Gongs, Tub. B., and Glock. The score uses various dynamics including **pp**, **ppp**, **mp**, and **rit.**

$\text{♪}=80-100$

119 23

Picc. -

Fl. I+II -

Fl. III+IV -

Ob. I+II -

Ob. III+IV -

Eng. Hn. -

Cl. I+II -

Cl. III+IV -

B. Cl. -

Alto Sax. I+II -

Alto Sax. III+IV -

Bari. Sax. -

Bsn. -

This section of the musical score covers measures 119 through 23. It features staves for Piccolo, Flutes I & II, Flutes III & IV, Oboes I & II, Oboes III & IV, English Horn, Clarinets I & II, Clarinets III & IV, Bass Clarinet, Alto Saxophones I & II, Alto Saxophones III & IV, Bassoon, Horn, Trombone, and Tuba. The woodwind and brass sections play eighth-note patterns primarily in the treble clef staff. Measure 119 starts with a dynamic of *mp*, followed by *f*, then *mp*, *f*, and *p*. Measures 20-23 show similar patterns with dynamics *mp*, *f*, *mp*, *f*, and *p*.

con sord.

Hn. -

Tbn. -

Tba. -

This section shows the continuation of the woodwind and brass parts from measure 119. The woodwind and brass sections play eighth-note patterns primarily in the treble clef staff. The dynamic marking *pp* is used for the woodwinds in measures 20-23. The bassoon, trombone, and tuba provide harmonic support with sustained notes and eighth-note patterns. The dynamic marking *pp* is also used for the brass instruments in measures 20-23.

$\text{♪}=80-100$

Tim. -

B. D. -

T.-t. -

Gongs -

Tub. B. -

Glock. -

This section shows the continuation of the woodwind and brass parts from measure 119. The woodwind and brass sections play eighth-note patterns primarily in the treble clef staff. The dynamic marking *p* is used for the woodwinds in measures 20-23. The bassoon, trombone, and tuba provide harmonic support with sustained notes and eighth-note patterns. The dynamic marking *pp* is also used for the brass instruments in measures 20-23.

126

Picc. *sffz* — *mp* — *f*

Fl. I+II

Fl. III+IV

Ob. I+II *sffz* — *mp* — *f*

Ob. III+IV

Eng. Hn.

Cl. I+II *sffz* — *mp* — *f*

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn. *mp* — *pp*

Tbn. *mp* — *pp*

Tba.

Tim. *mf p*

B. D.

T.-t. *mp*

Gongs

Tub. B. *p* l.v. l.v. l.v. l.v.

Glock. *pp* — *mp*

132

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T-t.

Gongs

Tub. B.

Glock.

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn. *ff* *p* *mf* *ff* *mp* *p* *ppp mp* *pp* *pppp*

Cl. I+II

Cl. III+IV *ff* *p* *mf* *ff* *mp* *p* *ppp mp* *pp* *pppp*

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp. *pp*

B. D.

T.-t. I.v.

Gongs I.v.

Tub. B. I.v.

Glock.

Picc.

Fl. I+II flutter tongue *pp*

Fl. III+IV flutter tongue *pp*

Ob. I+II remove reed

Ob. III+IV

Eng. Hn. remove reed

Cl. I+II remove reed

Cl. III+IV

B. Cl. remove reed

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.t.

Gongs

Tub. B.

Glock.

150

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timpani

B. D.

T.t.

Gongs

Tub. B.

Glock.

pp

p

3

pp

p

3

pp

p

breath (reed out)

"ff"

put reed in

pp

Picc.

Fl. I+II

Fl. III+IV

Ob. I +II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Tim.

B. D.

T.-t.

Gongs

Tub. B.

Glock.

161

30

Picc.

Fl. I+II

Fl. III+IV

Ob. I +II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.-t.

Gongs

Tub. B.

Glock.

167

Picc.

Fl. I+II flutter tongue p

Fl. III+IV flutter tongue p

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II breath (reed in) "ff"

Cl. III+IV breath (reed in) "ff"

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.t.

Gongs

Tub. B.

Glock.

172

32

Picc.

Fl. I+II

Fl. III+IV

Ob. I+II

Ob. III+IV

Eng. Hn.

Cl. I+II

Cl. III+IV

B. Cl.

Alto Sax. I+II

Alto Sax. III+IV

Bari. Sax.

Bsn.

Hn.

Tbn.

Tba.

Timp.

B. D.

T.t.

Gongs

Tub. B.

Glock.