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Cave Paintings By Firelight

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CAVE PAINTINGS BY FIRELIGHT

by

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THESIS

Submitted in Partial Fulfillment of the
Requirements for the Degree of

Master of Music

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CAVE PAINTINGS BY FIRELIGHT

By

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Master of Music, University of New Mexico, 2012

ABSTRACT

Cave Paintings By Firelight is a single movement work composed for wind symphony. The piece revolves around an eight-note collection that is reduced to prime form (012356t). There is also a heavy emphasis on the pitch-classes C and F#. Many of the harmonies and melodies are symmetrical around these pitches in pitch-class space. Most of the melodic movement of the piece is found in the woodwinds which are juxtaposed against the relatively static brass with the percussion used to emphasize transitions into new large sections. The piece was greatly inspired by imagery. The main image for the piece is a large cave in which a primitive man is painting on a wall; he is lit by a single bonfire. The light (the brass) is ever-present, static on the surface, but nuanced and dynamic in deeper layers. The painter (the woodwinds) slowly builds his masterwork with long determined strokes that meld and interact with the light as each new layer is added. Meanwhile, the cave (the percussion) constantly reminds the painter of its role in this scene.

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SUGGESTED INSTRUMENTATION

1 Piccolo
2 Flute 1
2 Flute 2
1 Oboe 1
1 Oboe 2
1 Eb Clarinet
2 Bb Clarinet 1
2 Bb Clarinet 2
1 Bb Bass Clarinet
1 Bassoon 1
1 Bassoon 2
2 Eb Alto Saxophone 1
2 Eb Alto Saxophone 2
2 Bb Tenor Saxophone
1 Eb Baritone Saxophone
2 Bb Trumpet 1
2 Bb Trumpet 2
2 F Horn 1
2 F Horn 2
1 Trombone 1
1 Trombone 2
1 Bass Trombone
1 Euphonium B.C.
1 Tuba
1 Timpani: 5 Drums DFADF
1 Percussion 1: 5 Large Concert Toms
2 Percussion 2: Bass Drum, Suspended Cymbal, Crash Cymbals

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Lento ♩ = 40

The score is arranged in systems for various instruments. The woodwind section includes Piccolo, Flute 1 & 2, Oboe 1 & 2, Clarinet in E♭, Clarinet in B♭ 1 & 2, Bass Clarinet in B♭, Bassoon 1 & 2, Alto Saxophone 1 & 2, Tenor Saxophone, and Baritone Saxophone. The brass section includes Trumpet in B♭ 1 & 2, Horn in F 1 & 2, Trombone 1 & 2, Bass Trombone, Euphonium, and Tuba. The percussion section includes Timpani, Percussion 1, and Percussion 2. The score features dynamic markings such as *ppp*, *p*, *mp*, *f*, *ff*, and *n*, along with performance instructions like *sempre portamento*, *gliss.*, *Ad Lib Rhythm*, and *f poco crescendo*. The tempo is marked *Lento* with a quarter note equal to 40 beats per minute.

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

E♭ Cl.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Alto Sax. 1

Alto Sax. 2

T. Sax.

B. Sax.

Tpt. 1

Tpt. 2

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tba.

Timp.

Perc. 1

Perc. 2

f

mf

n

p

pp

fff

ff

f poco crescendo

ff poco crescendo

l.v.

pp

20

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

E♭ Cl.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Alto Sax. 1

Alto Sax. 2

T. Sax.

B. Sax.

Tpt. 1

Tpt. 2

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tba.

Timp.

Perc. 1

Perc. 2

mf

f

pp

p

mf

f

pp

pp

mf

f

pp

pp

mf

f

pp

pp

mp

pp

mp

pp

27

Picc. *mf* *f* *f*

Fl. 1 *mp* *mf* *f*

Fl. 2 *f*

Ob. 1 *mp* *mf* *f* *f*

Ob. 2

E♭ Cl.

Cl. 1 *mp* *mf* *f* *f*

Cl. 2 *f*

B. Cl. *mf* *f* *f*

Bsn. 1 *f*

Bsn. 2 *f*

Alto Sax. 1

Alto Sax. 2

T. Sax.

B. Sax.

Tpt. 1 *pp*

Tpt. 2 *pp*

Hn. 1 *pp*

Hn. 2 *pp*

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tba.

Timp. *f poco crescendo* *f poco crescendo*

Perc. 1 *f poco crescendo* *f poco crescendo*

Perc. 2 *pp* *l.v.* *l.v.*

33

Picc. *n*

Fl. 1 *f* *pp* *pp*

Fl. 2 *f* *pp* *pp*

Ob. 1 *pp* *pp*

Ob. 2 *f* *pp*

E♭ Cl. *f* *pp*

Cl. 1 *pp*

Cl. 2 *pp*

B. Cl. *pp*

Bsn. 1 *pp*

Bsn. 2 *mp*

Alto Sax. 1

Alto Sax. 2

T. Sax.

B. Sax. *f* *pp*

Tpt. 1 *pp* *pp* *f* *ff*

Tpt. 2 *pp*

Hn. 1 *pp* *pp*

Hn. 2

Tbn. 1 *pp* *pp* *f*

Tbn. 2 *pp* *f*

B. Tbn. *mp* *f*

Euph.

Tba.

Timp. *f* poco crescendo

Perc. 1 *f* *pp*

Perc. 2 *pp* *l.v.* *l.v.*

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

E♭ Cl.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Alto Sax. 1

Alto Sax. 2

T. Sax.

B. Sax.

Tpt. 1

Tpt. 2

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tba.

Timp.

Perc. 1

Perc. 2

47

Picc. *pp*

Fl. 1 *ff* *p* *pp*

Fl. 2 *ff* *p* *pp*

Ob. 1 *ff* *p* *pp*

Ob. 2 *p*

E♭ Cl. *f poco crescendo*

Cl. 1 *ff* *mf* *p*

Cl. 2 *mf* *p*

B. Cl. *ff* *p*

Bsn. 1 *mf* *p*

Bsn. 2 *mf* *p*

Alto Sax. 1 *f poco crescendo*

Alto Sax. 2 *f*

T. Sax. *mf*

B. Sax. *mf* *p*

Tpt. 1 *pp* *pp*

Tpt. 2 *pp*

Hn. 1

Hn. 2 *pp* *pp*

Tbn. 1 *pp*

Tbn. 2 *pp*

B. Tbn.

Euph.

Tba.

Timp. *f poco crescendo* *Ad Lib Rhythm* *f poco crescendo*

Perc. 1 *f poco crescendo* *Ad Lib Rhythm* *f poco crescendo*

Perc. 2 *pp* *mf* Cr. Cym *mf*

53

Picc. *p*

Fl. 1 *pp* *pp* *pp* *mf*

Fl. 2 *p* *pp*

Ob. 1 *pp* *pp* *mf*

Ob. 2 *pp* *pp*

E♭ Cl. *pp* *pp*

Cl. 1 *pp* *pp* *pp* *pp* *mf*

Cl. 2 *pp* *pp* *mf*

B. Cl. *pp* *pp* *pp* *pp* *mf*

Bsn. 1

Bsn. 2

Alto Sax. 1

Alto Sax. 2

T. Sax. *p*

B. Sax.

Tpt. 1

Tpt. 2 *ff*

Hn. 1 *pp* *pp* *ff*

Hn. 2

Tbn. 1 *pp* *ff*

Tbn. 2 *pp* *ff*

B. Tbn. *mp* *ff*

Euph. *pp*

Tba. *pp*

Timp. *f* *poco cresc.*

Perc. 1 *f* *poco cresc.*

Perc. 2

59

Picc. *p* *p* *p* *f* *mp subito*

Fl. 1 *mp*

Fl. 2

Ob. 1

Ob. 2

E♭ Cl.

Cl. 1 *mp*

Cl. 2

B. Cl. *subito p* *p* *p* *f*

Bsn. 1 *p* *p* *p* *f*

Bsn. 2 *p* *p* *p* *f*

Alto Sax. 1 *mp*

Alto Sax. 2 *mp*

T. Sax. *mp*

B. Sax. *p* *p* *p* *f* *mp subito*

Tpt. 1

Tpt. 2 *pp*

Hn. 1

Hn. 2 *pp* *pp*

Tbn. 1 *pp*

Tbn. 2 *pp*

B. Tbn. *pp* *pp*

Euph. *pp*

Tba. *pp* *p*

Timp. *f poco cresc.*

Perc. 1 *f poco cresc.*

Perc. 2 *mf* *mf*

73

Picc. *f* *ff* *f*

Fl. 1 *f* *f* *p*

Fl. 2

Ob. 1 *f* *p* *f* *ff* *f*

Ob. 2

E♭ Cl.

Cl. 1 *f* *mp* *f* *ff* *f*

Cl. 2

B. Cl. *f* *f* *mp*

Bsn. 1 *f* *ff* *f*

Bsn. 2 *f* *ff* *f*

Alto Sax. 1 *f*

Alto Sax. 2 *f*

T. Sax. *f*

B. Sax. *f*

Tpt. 1 *ff* *pp* *pp*

Tpt. 2 *pp* *ff* *pp*

Hn. 1 *pp*

Hn. 2 *pp*

Tbn. 1 *ff* *pp*

Tbn. 2 *ff* *pp*

B. Tbn. *pp* *ff* *pp*

Euph. *ff* *pp* *pp*

Tba. *pp* *ff*

Timp. *f poco cresc.* *f poco cresc.*

Perc. 1 *f* *3 poco cresc.* *f* *3 poco cresc.*

Perc. 2 *mf* *l.v.* *l.v.*

Picc. *f* *f* *mp* *f* *f*

Fl. 1 *f* *f* *mp* *f* *f*

Fl. 2

Ob. 1 *f* *f* *mp* *f* *f*

Ob. 2

E♭ Cl.

Cl. 1 *mp* *f* *f*

Cl. 2

B. Cl. *f* *mp* *f* *mp*

Bsn. 1

Bsn. 2

Alto Sax. 1 *f* *mp* *f*

Alto Sax. 2 *f* *mp* *f*

T. Sax. *f* *mp* *f*

B. Sax. *f* *mp* *f*

Tpt. 1 *pp* *f*

Tpt. 2 *pp*

Hn. 1 *pp* *pp*

Hn. 2

Tbn. 1

Tbn. 2

B. Tbn.

Euph. *pp*

Tba. *pp* *pp*

Timp.

Perc. 1

Perc. 2 *mf* *lv.* *lv.*

87

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

E♭ Cl.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Alto Sax. 1

Alto Sax. 2

T. Sax.

B. Sax.

Tpt. 1

Tpt. 2

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tba.

Timp.

Perc. 1

Perc. 2

96

Picc. *ff*

Fl. 1

Fl. 2

Ob. 1 *ff*

Ob. 2

E♭ Cl. *ff*

Cl. 1 *ff*

Cl. 2

B. Cl. *ff*

Bsn. 1

Bsn. 2 *ff*

Alto Sax. 1 *ff*

Alto Sax. 2

T. Sax.

B. Sax.

Tpt. 1 *pp* *fff*

Tpt. 2 *pp* *fff*

Hn. 1 *pp* *fff*

Hn. 2 *pp* *fff*

Tbn. 1 *pp* *fff*

Tbn. 2 *pp* *fff*

B. Tbn.

Euph. *pp* *fff*

Tba. *pp* *fff*

Timp. *f poco crescendo* Ad Lib Rhythm

Perc. 1 *f poco crescendo* Ad Lib Rhythm

Perc. 2 *p* *ff* *fff* 3 Choke

99

Picc.

Fl. 1

Fl. 2

Ob. 1

Ob. 2

E♭ Cl.

Cl. 1

Cl. 2

B. Cl.

Bsn. 1

Bsn. 2

Alto Sax. 1

Alto Sax. 2

T. Sax.

B. Sax.

Tpt. 1

Tpt. 2

Hn. 1

Hn. 2

Tbn. 1

Tbn. 2

B. Tbn.

Euph.

Tba.

Timp.

Perc. 1

Perc. 2

Sus. Cym. Scrape w/ Tri. Beater

pp subito decrescendo poco a poco ----- *ppp*

l.v.