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BOSTON UNIVERSITY
COLLEGE OF FINE ARTS

Dissertation

MOONDUST

by

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B.M., Ewha Womans University, 2014
M.M., Indiana University, 2018

Submitted in partial fulfillment of the
requirements for the degree of
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MOONDUST

EUNHYE YOON

Boston University College of Fine Arts, 2021

Major Professor: Joshua Fineberg, Professor of Music, Composition and Music Theory

ABSTRACT

moondust is a piece for Flute, Oboe, Clarinet in B flat (doubling Bass clarinet), Horn in F, Trumpet in C, Trombone, Percussion, Piano, Violin, Viola, Cello, and Double Bass. Moondust means lunar soil. In this piece, however, it symbolizes the illusion or fantasy of what we admire and yearn more than the existence in reality.

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PERFORMANCE NOTES

Instrumentation: Flute, Oboe, Clarinet in B flat (Bass Clarinet), Horn in F, Trumpet in C, Trombone, Percussion (Crotales, Vibraphone, Thunder Sheet), Piano, Violin, Viola, Cello, and Double Bass

Woodwinds

Flute



completely cover embouchure with lips to make roaring sound (with flutter tonguing)



Jet Whistle



tongue ram

Piano

+ denotes muted pitch(es) with endpin pressed. It produces muffled sound

Strings

N ordinary (normal bow position)

SP sul ponticello

MSP molto sul ponticello

ST sul tasto



crushed sound with high bow pressure



normal bow pressure

Score in C

moondust

Eunhye Yoon

♩=60

embouchure should be blocked by lips to make roaring sound

Flute *f* *fff* *pp* whistle tone (any high partial)

Oboe

Clarinet in B♭ *pppp* *ppp* *pp*

Horn in F

Trumpet in C

Trombone

Percussion Thunder Sheet *mf* Crotales arco *mf* *p* *p* *mf*

Piano *fff* let ring *mf* muted (press endpin to make muffling sound)

Violin *ppp* *p* *ppp* SP N

Viola *ppp* *p* *ppp* SP MSP N

Violoncello *ppp* *p* SP

Double Bass *pp* MSP

11

Fl. *p* *p* *pp* whistle *p* air

Ob. *ppp*

Cl. bis. faster → slower *p* *ppp* *ppp*

Hn.

C Tpt.

Tbn.

Perc. Crotales (arco) *p* *p* *mf* *mf*

Pno. muted *p* *mf* *mp*

Vln. I *pp* *pp* *ppp* *ppp* *p*

Vla. *ppp* *pp* *mp* *p* *ppp*

Vc. *ppp* *ppp*

Db. *ppp* (MSP) *pp*

Detailed description: This page of a musical score, numbered '2', contains staves for various instruments. The Flute (Fl.) part begins with a dynamic of *p*, followed by *p*, then *pp* with a 'whistle' marking, and ends with *p* and 'air'. The Oboe (Ob.) part has a *ppp* dynamic. The Clarinet (Cl.) part includes tempo markings 'bis. faster' and 'slower', and dynamics *p*, *ppp*, and *ppp*. The Percussion (Perc.) part features Crotales (arco) with dynamics *p*, *p*, *mf*, and *mf*. The Piano (Pno.) part is marked 'muted' and has dynamics *p*, *mf*, and *mp*. The Violin (Vln.) part includes first position (I) and dynamics *pp*, *pp*, *ppp*, *ppp*, and *p*. The Viola (Vla.) part has dynamics *ppp*, *pp*, *mp*, *p*, and *ppp*. The Violoncello (Vc.) part has dynamics *ppp* and *ppp*. The Double Bass (Db.) part has dynamics *ppp* and *pp*. The score includes various musical notations such as slurs, accents, and performance instructions.

19

Fl.

Ob.

Cl.

Hn.

C Tpt.

Tbn.

Perc.

Pno.

Vln.

Vla.

Vc.

Db.

mf

pp > *ppp*

pp *ppp*

Crotales with mallet

mp *p* *pp* *ppp* *mf*

Thunder Sheet

ordinary

p *pp*

ST

ppp *p* *ppp*

gliss.

p *pp*

p *ppp*

ST

pppp

V N (ord.)

f *fff* *p*

29

Fl.

mf

Ob.

Cl.

pppp

Hn.

C. Tpt.

Tbn.

Perc.

Thunder Sheet

p

p

Pno.

pp

Vln.

ST

V

pppp

ppp

p

ST

V

ppp

molto vib.

Vla.

ST

ppp

p

SP

ppp

Vc.

ppp

p

ST

ppp

p

ST

ppp

Db.

ST

ppp

34 ram

Fl. *f* *f* < *mf* < *f* > *mf* *air*

Ob. *sfz*

Cl. *p* *mf* *pp* *p*⁵ *f* < *fl.*

Hn. *mf* *air* *sfz* *mf* *air*

C Tpt. *mf* *air* *sfz* *mf* *air*

Tbn. *mf* *air* *sfz* *mf* *air*

Perc. *Crotales* *mallet* *pp* *arco* *mp*

Pno. (muted) *p* *p*

Vln. *f* *MSP* *N* *ppp* *SP* *mf*

Vla. *N* *pppp* *sempre ppp* *gliss.* *p*

Vc. *f* *p espr.* *ppp* *mp*

Db. *f* *III. SP* *pp* *(SP)* *mf*

42

Fl. *p* *ppp* *mp* *mp* *pp*

Ob. *p* *mp* *pp*

Cl. *ppp* *bis. faster* *slower* *mf* *p*

Hn. *mf* *air*

C Tpt. *mf* *air*

Tbn.

Perc. *Crotales arco mp*

Pno. *(muted) mf* *pp* *5^{ord.}* *3*

Vln. *N* *SP* *N* *mp* *pp* *p espr.*

Vla. *pp* *SP* *N* *mp* *pp* *pp*

Vc. *ppp*

Db. *N* *pp*

whistle tone (any high partial)

multiphonic

air

air

Crotales arco

(muted)

5^{ord.}

3

N

SP

N

mp

pp

p espr.

SP

N

mp

pp

pp

ppp

N

pp

52

Fl. *pp mp pp p mf (mf)*

Ob. *p mf p mp*

Cl. *pp p p mf*

Hn. *pp*

C Tpt.

Tbn.

Perc. Crotales with mallet *mf f*

Pno. *ppp* *

Vln. *mf p f* SP

Vla. *p mf pp p* SP N

Vc. *ppp p mp* SP

Db. *f pp mp* SP N

56 **B**

Fl. *ff* *fff*

Ob. *f* *mf* *fff* *f* *mf*

Cl. *f* *ff* *fff* *ff*

Hn. *f* [*t*] *fff* *mf*

C Tpt. *f* [*t*] *fff* *p*

Tbn. *f* [*t*] *f* *p*

Perc.

Pno. *f* *fff*

Vln. *ff* *ffff*

Vla. *ff* *ffff*

Vc. *ff* *ffff*

Db. *ff* *ffff*

58

Fl. *f* *fff* *ff* Jet whistle

Ob. *f* *ff* *mf*

Cl. *>f* *ff* *f* *ff marcato*

Hn. *f* *mf*

C Tpt. *f* *f* *ff*

Tbn. *f* *ff*

Perc.

Pno. *f* *fff*

Vln. *ppp* *fff* *fff* MSP

Vla. *ppp* *ffff*

Vc. *ppp* *ffff*

Db. *ppp* *ffff*

62

Fl. *ff* *mf* *f* *mf* *mp* *p*

Ob.

Cl. *ff* *f* *mf* *p* *mp* *pp*
bis. faster slower

Hn.

C Tpt.

Tbn.

Perc.

Pno. *mf* *mp* *pp*
f *mf* *ppp*
($\infty \rightarrow$)

Vln. *f* *ff* *fp* *ppp* SP N

Vla. *mf* *fff* *fp* *ppp* SP N

Vc. *f* *fff* *ppp* *p* *pp* *p* *pp* *p*

Db. *ppp* *mp* *pp* *p*

66 D

Fl.

Ob.

Cl. To B. Cl.

Hn.

C Tpt.

Tbn.

Perc.

Pno.

Vln.

Vla.

Vc.

Db.

mf, mp, f, ff, p, pp, ppp

SP, MSP, N, ST

75

Fl. *ff* *ff*³

Ob. *ff* *ff*³

B. Cl. *ff* *p* *fp*³ *ff*⁷

Hn. *f* *f* *f* *ff*³

C. Tpt. *f* *f* *f* *ff*

Tbn. *f* *f* *ff*³

Perc.

Pno. *fff* *fff* *f* *fff*

Vln. *f* *f* *ff*⁶ *f* *f* *fff*

Vla. *f* *fp*^N *fff*^{MSP}

Vc. *p* *f espr.* *pp* *f* *f* *ff*^{MSP}

Db. *f espr.* *p* *gliss.* *p* *ff*

salt. *SP* *salt.* *N* *MSP* *molto vib.* *salt.* *MSP*

77 [F] Jet whistle

Fl. *fff* *f*

Ob. multiphonics, distorted and noisy as possible *fff* *fp*

B. Cl. *ff* *f* *ff* *mf espr.*

Hn. *f* *ff* *fp* *f*

C Tpt. *f* *ff* *f*

Tbn. *fff* *mf*

Perc.

Pno. [F] *fff* *mf* *ff*

Vln. *f* *ff* *mf*

Vla. *ffff* *mf* *p* *ff*

Vc. *f* *mf* *p* *ff*

Db. *ffff* *f* *mf*

79

Fl. *fff* *f* *fff* *ff* ram

Ob. *fff* *mp* *fff* *mf*

B. Cl. *f* *ff* *mf* *fff* *f* *ff*

Hn. *ff* *f* *f* *f*

C. Tpt. *ff* *f* *f* *f*

Tbn. *f* *mf* *ff* *f* *ff* *gliss.*

Perc.

Pno. *ff* *fff* *ff* *fff* *f* *fff* *f*

Vln. *mp* *SP* *ff* *N* *p*

Vla. *f* *mf* *ff* *N* *p*

Vc. *mp* *mf* *ff* *p*

Db. *mf* *ff* *p*

MSP highest pitch on C

MSP highest pitch on E

81

Fl. *air* *f* *fff* *fff* *air* *f* *fff* *ram*

Ob. *f* *mp* *fff* *fff* *multiphonics, distorted and noisy as possible*

B. Cl. *mf* *p* *fff* *fff* *mf*

Hn. *ff* *mf* *ff* *mf*

C. Tpt. *ff* *mf* *ff* *f*

Tbn. *mp* *fff sub.*

Perc. *Thunder Sheet (freely)* *f* *fff*

Pno. *fff* *mf* *ff* *p* *gliss on the lowest string case (for two beats)*

Vln. *fff* *fp* *f* *ff* *p* *N* *MSP* *noisy*

Vla. *fff* *mp* *mf* *mp* *p* *N* *G*

Vc. *fff* *mp* *mf* *mp* *p* *N* *G*

Db. *fff* *mp* *mf* *fff* *N (arco)*

83

Fl. *air* *ram* *air* *ram* *air* *ram*
f *ff* *f* *ff* *f* *ff* [k] [k]

Ob. *mf* *f* *mf* *f* *mf* *f* *mf* *f*

B. Cl. *fff* *mf* *f* *fp* *f* *ff*

Hn. *f* *mf* *f* *ff* *mf* *f* *mf*

C. Tpt. *ff* *ff* *ff* *fp*

Tbn. *mf* *f* *mf* *f* *mf* *f*

Perc.

Pno. *ff* *f* *ff* *f* *ff* *p* *ff* *p*
8 *8*
(8) (8)

Vln. *f* *mf*

Vla. *f* *mp* *mf* *ritiss*

Vc. *mf*

Db. *f* *fff* *f* *N*

88 [H] I

Fl. whistle tone (any high partial) *pp*

Ob.

B. Cl. *ppp* < *mf* faster slower bis.

Hn.

C Tpt.

Tbn.

Perc. Thunder Sheet *ff* *f* *pp* Vibraphone arco *mp*

Pno. [H] I gliss in string cases arrows denote approximate register (with undefined rhythm/duration) *fff* (♩ →) *ffff* (muted) *p*

Vln. *fff* *ppp* ST (1/2 pressure) *ppp*

Vla. *fff* *ppp* ST (1/2 pressure) *ppp*

Vc. *fff* *ppp* ST (1/2 pressure) *ppp*

Db. *fff* *ppp*

93

embouchure should be blocked by lips to make roaring sound

Fl. *f* *ff*

Ob. *pp* *p* *pp*

B. Cl. *ppp* *sempre ppp*

Hn.

C Tpt.

Tbn.

Vibraphone (arco) *mf* *f* *f*

Pno. (muted) *p* *mf*

Vln. *sempre ppp* *f* (fingering only (undefined pitches))

Vla. *sempre ppp* *f* (fingering only (undefined pitches))

Vc. *sempre ppp*

Db. *ppp* *ff*

95

Fl. *air* *pp* *ppp* *f* *ff* *f* *ff* *ram*

Ob.

B. Cl. *(ppp)* *p* *mp*

Hn. *air* *mf* *f* [5]

C. Tpt. *air* *mf* *f* [5]

Tbn. *air* *mf* *f* [5]

Vibraphone
Perc. *(arco)* *mf*

Pno. *mf*

Vln. *not too loud but should be audible* *f* *c.l.b*

Vla. *not too loud but should be audible* *f* *c.l.b*

Vc. *fingering only (undefined pitches)* *f* *not too loud but should be audible* *f* *c.l.b*

Db. *p* *ppp* *gliss.* *gliss.* *p* *ppp*

100  Jet whistle

Fl. *fff* *p* *f*

Ob. *p* *pp* *ppp*

B. Cl. *ppp* *f* *pp* *p* (teeth on the reed)

Hn. *f* [t]

C Tpt. *f* [t]

Tbn. *f* [t]

Perc. *< p* (Vibraphone arco)

Pno. *fff* (let ring) *6* *8^{va}*

Vln.

Vla.

Vc. *p* *N* *MSP* *mf* *p*

Db. *ff* *ST* *ppp* *mp* *pp* *ST*

108

[K]

Fl. *f* *p*

Ob. *p* *ppp* *pp*

B. Cl. *ppp* *p* *mf*

Hn. *pp* *p*

C Tpt.

Tbn.

Perc. **Vibraphone**
arco
mp

Pno. *f* *mp* *mf* *f* *mf*

Vln. *ppp* *f* *pp* *p*

Vla. *ppp* *mp*

Vc. *p* *pp* *f* *mf* *pp* *p*

Db. *f* *ppp* *p*

8^{va}

ord.₃

g^{liss.} g^{liss.}

SP N SP

(SP)₇ N

114

Fl. *pp*

Ob. *pp*

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

Hn.

C. Tpt.

Tbn. *p* *f* *p*

Perc. *f*

Thunder Sheet

Pno. *(mf)* *f* *mf*

Vln. *mf* *mp* *mf* *f* *ff* *mf*

Vla. *f* *p* *f* *mf*

Vc. *f* *p* *f* *p* *mp* *f*

Db. *f* *p* *mf* *f* *mf* *f* *mp*

123

Fl. *mf* *ff* 1/2 air

Ob. *pp*

B. Cl.

Hn. *pp*

C. Tpt. *mf* *p*

Tbn. *p* *mf* *pp*

Perc. Thunder Sheet *p*

Pno. *f* *mf* *f* *ff*

Vln. *f* *ff* MSP N SP

Vla. *f* *pp* *ff* MSP

Vc. *ff* *mf* *f* *ff* SP

Db. *f*

L
ord.

126

Fl. *mf* *p*

Ob. *pp* *p* *p*

B. Cl. *mf* *f* *ff* *mp*

Hn. *p* *mf*

C. Tpt. *mf* *p*

Tbn. *p* *pp* *mf* *p*

Thunder Sheet

Perc. *f*

L

Pno. *sempre ff*

Vln. *fp* *f* *ff* *f* *fp*

Vla. *p* *mf* *f* *mf*

Vc. *p* *ff* *mf* *f* *mf* *f* *p*

Db. *ff* *f* *ff* *f*

130

1/2 air

Fl. *f* *ff* *mf* *p* *f* *ff*

Ob. *mp* *mf* *p* *ff* *f*

B. Cl. *ff* *pp* *mf* *f* *mf*

Hn. *fp* *fp* *f* *fp*

C Tpt. *f* *mf* *f* *f*

Tbn. *f* *mf* *f*

Thunder Sheet

Perc. *f*

Pno. (8) (800 →)

Vln. *ff* *p* *fp* *f*

Vla. *f* *pp*

Vc. *pp*

Db. *ff* *f* *ff* *f*

133 ord. 1/2 air

The musical score is arranged in a standard orchestral format. The instruments and their parts are as follows:

- Fl. (Flute):** Starts with a forte (*f*) passage, followed by mezzo-forte (*mf*), then forte (*f*) with a triplet, and ends with fortissimo (*ff*).
- Ob. (Oboe):** Features a mezzo-piano (*mp*) section, followed by mezzo-forte (*mf*), forte (*f*) with a triplet, and mezzo-forte (*mf*).
- B. Cl. (Bass Clarinet):** Plays a fortissimo (*ff*) line, then mezzo-forte (*mf*).
- Hn. (Horn):** Starts with forte (*f*), then fortissimo (*ff*), followed by forte (*f*) and mezzo-forte (*mf*).
- C Tpt. (Trumpet):** Plays fortissimo (*ff*), then mezzo-forte (*mf*), forte (*f*), and mezzo-forte (*mf*).
- Tbn. (Trombone):** Starts with mezzo-forte (*mf*), then fortissimo (*ff*), forte (*f*), and ends with a five-measure rest.
- Perc. (Percussion):** Labeled "Thunder Sheet", it plays forte (*f*) chords.
- Pno. (Piano):** Features a fortissimo (*fff*) section with complex textures.
- Vln. (Violin):** Starts with fortissimo (*ff*), then forte (*f*), and ends with a triplet.
- Vla. (Viola):** Starts with forte (*f*), then mezzo-forte (*mf*), and ends with forte (*f*).
- Vc. (Violoncello):** Starts with forte (*f*), then fortissimo (*ff*), and ends with a triplet.
- Db. (Double Bass):** Plays fortissimo (*ff*) lines, then fortissimo (*ff*), and ends with mezzo-forte (*mf*) glissandos.

135

Fl. *ord.* *f* *fff* *f* *ff* *fff* G.P. **M**

Ob. *f* *ff* *fff* G.P.

B. Cl. *fp* *fp* *fff* G.P.

Hn. *ff* *f* *ff* G.P.

C Tpt. *fp* *f* *ff* G.P.

Tbn. *f* *mf* *f* *ff* G.P.

Perc. Thunder Sheet *f* Crotales mallet Thunder Sheet *p* *p* G.P.

Pno. (let ring) *fff* G.P. **M**

Vln. *ff* *f* *ff* *fff* G.P. *ppp*

Vla. *ff* *ff* G.P.

Vc. *f* *fff* G.P.

Db. *ff* *f* *fff* G.P.

140

Fl. *pp* whistle tone (any high partial) *pp* *p*

Ob. *p* *ppp*

Clarinet in B \flat *pp* *ppp* bis, faster *p* *mf* *p* *ppp*

Hn.

C Tpt.

Tbn.

Perc. Thunder Sheet *p* *ppp*

Pno. (muted) *mf*

Vln. *p* *ppp* *p* *ppp* MSP N

Vla. *ppp* *mf* *pp* *mf* MSP

Vc. *mf* *ppp* *mf* *ppp* MSP

Db.

151

Fl. *pp* *ppp* *ppp* *ppp*

Ob. *ppp* *p* *ppp* *ppp* *p*

Cl. *ppp* *mp* *pp* *p*

Hn.

C Tpt.

Tbn.

Perc. Thunder Sheet *f* Crotales arco *pp* with mallet

Pno. *p* *mf*

Vln. *pp* *fp* *pp* *f* *ppp* *p*

Vla. *ppp* *f* *ppp*

Vc. *ppp* *p* *ppp* *pp-f* *ppp* *mp*

Db. *ppp* *ppp* *p*

ST SP MSP N

bis. faster

Thunder Sheet

Crotales arco

with mallet

pp *fp* *pp* *f* *ppp* *p*

ppp *f* *ppp*

ppp *p* *ppp* *pp-f* *ppp* *mp*

ppp *ppp* *p*

160

Fl.

Oboe

Cl.

Hn.

C Tpt.

Tbn.

Perc. Crotales

Pno.

Vln.

Vla.

Vc.

Db.

ppp

ppp *pp* *ppp*

ppp *pp* *ppp*

p *mf* *pp*

ppp *mp* *ppp* *ppp*

ppp *mp* *ppp*

ppp *mp* *ppp*

ppp *ppp*

CURRICULUM VITAE



