

Hilmar Thórdarson

Kuuki no Sukima

Between the air

For interactive conducting,
nine instruments and live electronics

Conductor - Composer

Submitted as Fulfilment of the Requirements for the:

Norwegian Artistic Research Program
at

NTNU - Norwegian University of Science and Technology
Department of Music

Commisioned by Trondheim Sinfonietta with support from Norwegian Cultural Fund



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CAVE
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Hilmar Thórdarson

Kuuki no Sukima

1st. movement

Niður - Murmur - せせらぎ

A soft, indistinct sound made by a person or group of people speaking quietly or at a distance. Could also be linked to nature sounds such as a low continuous sound of the wind murmuring through the trees or an atmospheric sound of a river.

Duration c.a. 9'00''

Kuuki no Sukima

Niður - Murmur - せせらぎ

Hilmar Thórdarson (2017)

use OK sign to select volume control

$\text{♩} = 48$

x 4

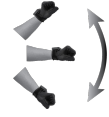
on first downbeat press middle finger button to start computer play

3

2

on 2,3,4 and 1st beat of measure 2 press index finger button 4 times to set the metronome

use fist sign to activate control volume of all instruments groups



move arm up to set volume value

Clarinet in Bb

Violin

Viola

Violoncello

Double Bass

Electronics

arco

pizz.

Behind the bridge.

p *mf* *ff*

mf *Del* *Rev* *Gran* *FB*

f *Del* *Rev* *Gran* *FB*

p *mf* *ff*

Behind the bridge.

4/4

Cl.

B. D.

Vln. 1

Vla.

Vc.

Db.

Electr.

use five fingers sign to de-activate control volume of all instruments groups

strike with finger around the rim.

col legno tratto with hair of the bow.

make vertical tremulo so that the bow moves up/down. first small waves then poco bigger

gliss.

molto cresc...

on the bridge wood with the nail of the middle finger.

ppp *ff* *Gran* *FB*

ppp *ff* *Rev* *FB*

mp *Del* *Gran* *FB*

p *mf* *Del* *Gran* *FB*

p *mf* *Del* *Gran* *FB*

pp *Del* *Gran* *FB*

p *mf* *Del* *Gran* *FB*

p *mf* *Del* *Gran* *FB*

f *Del* *Gran* *FB*

4

8^{va}

III

bowing at tip

sul. D

sul. G

sul. E

sul. E

press index finger button to stop computer play

3 **4**

press middle finger button to jump forward and start computer play

3

10

Fl.

B. D.

Pno.

Vln. 1

Vc.

Db.

Electr.

play with fingertips

irregular rhythm

p

Rev

ff FB

P *Red.*

Del

f

ff

14

Fl.

Cl.

Hn.

Vln. 1

Vla.

Db.

Electr.

pp

Gran

Rev

mp

mp

Rev

Bass Clarinet in B \flat

irregular quarter tone trill w. key slap

p

mp

f

Del

Gran

FB

f

FB

Gran

F1 slide out (for Pax 23)

p

Del

Gran

FB

f

pp

arco

mf

Del

Gran

Rev

mf

Gran

Rev

sul A

arco

pizz.

mf

sul pont.

pizz.

sul A

gliss

Rev

Rev

Rev

3

4

Fl. 23

B. Cl.

Pno.

Vln. 1

Electr.

p *mp* *pp*

mp *Rev* *mp* *FB* *Del* *Gran* *mp*

p *Del* *ff* *FB*

mf *f* *mf* *FB*

8va

3

Fl. 31

B. Cl.

Hn.

Pno.

Vln. 1

Electr.

pp *p*

pp *f* *Gran* *FB*

quarter tone trill *tr*

pp *p* *pp* *p*

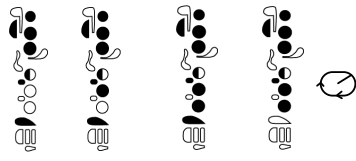
ff *Del* *Rev* *ff*

Gran *ff* *FB*

+ play with voice overtones afap

8va

4



(might have to find other fingerings for multiphonics)

liberamente

3

Fl. 37 *p* ooh (as soft as possible) *mf*

B. Cl. *ppp* (as soft as possible) *f* *f* *f* *p* *pp*

Vln. 1 arco *pp* *Del* *Gran* *FB* *molto sul pont.* play very close to the bridge for airy and flageolett type sound

Vla. arco *ppp* *Gran* *pp* *Gran* *molto sul pont.* play very close to the bridge for airy and flageolett type sound

Vc. arco *ppp* *Gran* *f* *ppp* *Del* *Gran* *f* *molto sul pont.* play very close to the bridge for airy and flageolett type sound

Db. arco *ppp* *Del* *Gran* *ppp* *Del* *Gran* *sul E* *molto sul pont.* play very close to the bridge for airy and flageolett type sound

Electr. *ppp* *Del* *Gran* *ppp* *Del* *Gran*

Kuuki no Sukima

2nd. movement

Hviss - Hiss - ビュービュー

A soft but still loud gust of wind hissing over the rooftops. Could also be a sound of an object passing by with a sharp short hissing sound.

According to English dictionary it means as a noun: "a sharp sibilant sound"
or as a verb: "make a sharp sibilant sound as of the letter S"

Duration c.a. 5'30''

Kuki no Sukima

Hviss - Hiss - ビュービュー
2nd movement

Hilmar Thordarson

♩ = 64

x 4 (set metronome)

4 10 2

Horn in F

Violin

Violoncello

Electronic

arco spiccato/battuto (flautando) sul pont.
continue cresc...dim...cresc...without rest

pp

mf

f

ff

Del

Rev

FB

arco

flautando for airy sound

pizz.

R.H. pizz (finger slap)

pp

f

mf

Gran

Fl.

Cl.

Bass Clarinet in Bb

Hn.

Vib.

Vln.

Vc.

Db.

Electro

3 4 11

p

mf

f

Del

Rev

Gran

FB

p

mf

Del

Rev

Gran

FB

p

mf

Del

Rev

Gran

FB

p

mp

niente

arco

p

mf

f

mf

pizz.

L.H. pizz.

Holding the position with the right hand thumb, do pizzicato with the nail of the middle finger.

mf

ff

Del

Gran

FB

mf

14

Fl.

Vib.

Pno.

Vln.

Vla.

Db.

Electro

p *mf* *f* *mp* *f* *mf* *ff*

Del Rev Gran FB

⊗

⊗

⊗

⊕ sul D Bow next to the bridge and finger very close to bow. Molto harmonics

⊕ sul A Bow next to the bridge and finger very close to bow. Molto harmonics

pizz. L.H. pizz.

3 4 12

21

Hn. *p* *mp* *mf* *f*

Vib. *p* *mf* *f*

Pno. *p* *mf*

Vln. *mp* *f*

Vla. *mp* *f*

Db. *mp*

Electro

Del Gran FB Rev

24

Pno. *mf*

Vln. *sfz* arco behind the bridge

Vla. *sfz* *f* *ff*

Vc. *f* *sfz* Sul C pizz. Spiccato like skin over strings very airy sound then gradually do vertical tremolo while gliss down. *gliss.*

Db. *f* *mf* Sul E vertical tremolo *gliss.* *Del*

Electro

FB

Right hand pizzicato on the bridge wood with the nail of the middle finger.

Hit the body with the left hand thumb.

Conductor raise volume



27

Fl. *mp* *molto crescendo* *f*

B. Cl. *mp* *ff* *f* *molto crescendo* *f*

Pno. *niente* *mp* *molto* *f*

Vc. *sfz* *f* *sfz*

Db. *sfz* *f* *sfz*

Electro

Del, Gran, FB, Rev

L.H. pizz, R.H. pizz. (behind the bridge)

32

B. Cl. *f* *poco* *grad. to multiphonics*

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

Vib. *mf* *poco rit...* *mf*

Vln. *mp* *f* *gliss.* *mf*

Vc. *mf* *mf*

Electro

Del, Gran, FB, Rev

Sul G, pizz., flautando (slightly touch the string), Vertical tremolo with glissando

3

Kuuki no Sukima

3rd. movement

SUŌ - BUZZ - ハミング

A very soft sound like a buzzing sound from an electronic hardware like refrigerator or from electric light-bulb. English dictionary mention "the buzz of the bees" which is not quite the right explanation since the bee-buzz is in this case too loud and variant. Here the buzzing sound has more a humming sonority.

Duration c.a. 8'45''

Kuki no Sukima

Suð - Buzz - ハミング

3rd. movement

♩ = 72

x 4
4 2 18

Hilmar Thórdarson

mouthpiece backwards F1 slide out

Horn in F

pp
Del - - - - - = = = = = f

Bass Drum

Superball stroke around the edge of drum.
cresc.....dim. ad lib from pp to mp

♩ = 72

Violin

Hit the fingerboard with hand
pizz. arco sul A sul D
molto sul pont.
Double stop harmonics from highest pitch
gliss. very slow glissando w/vertical tremolo
pp
probably hit the under body to get louder sound
ff
Del - - - - - = = = = =

Viola

Hit the fingerboard with hand
pizz. arco sul D sul G
molto sul pont.
Double stop harmonics from highest pitch
gliss. glissando w/vertical tremolo
pp
ff
Del - - - - - = = = = =

Violoncello

Hit the body with fist.
pizz. arco sul D sul G
molto sul pont.
Double stop harmonics from highest pitch
gliss. glissando w/vertical tremolo
pp
ff
Del - - - - - = = = = =

Double Bass

Hit the body with fist.
pizz. arco sul D sul A
molto sul pont.
Double stop harmonics from highest pitch
gliss. glissando w/vertical tremolo
pp
ff
Del - - - - - = = = = =
f
mp
sempre poco cresc... delay

Electronic



Repeat with short var. length rests

Cl. *ppp* *f* FB ← Rev

Hn. F1 slide out mouthpiece backwards *pp* *p* Del = = = Rev *mf*

B. D. *sempre*

Pno. *pp* Rev *mf*

Vln. gliss. with double stop harmonics *gliss.* *gliss.* arco sul A sul D *mf* Gran Rev Bow A and D string close to the bridge. Finger position on the string behind the bow.

Vla. *gliss.* *gliss.* sul D sul G *mf* FB ← *mf* Bow A and D string close to the bridge. Finger position on the string behind the bow.

Vc. *gliss.* *gliss.* sul D sul A *mf* Del Gran *mf* Bow A and D string close to the bridge. Finger position on the string behind the bow.

Db. sul D sul A *mp* *gliss.* *gliss.* *gliss.* *gliss.* *gliss.* *gliss.*

Electr

3

Repeat with short var. length rests

10

Fl.

Cl.

Hn.

B. D.

Pno.

Vln.

Vla.

Vc.

Db.

Electr

ppp

p

p

mf

f

mf

mp

f

mf

mp

f

Del

Rev

Gran

FB

♩ = 92

x 4

15 **4** 19 **2**

Fl. *sempre mp delay*

Cl. *mf* *mf* *Rev* *Gran* *pp* *Rev* *FB*

Hn. *pp* *Gran* *FB* *mp*

B. D.

Pno.

Rev

Breath and trill on given pitch

mouthpiece backwards air sound

♩ = 92

Vln. *pizz.* *p* *mf* *Del* *FB* *Rev* *FB*

Vla. *pizz.* *p* *mf* *Del* *FB* *Rev* *FB*

Vc. *pizz.* *p* *mf* *Del* *FB* *Rev* *FB* *sempre mf delay*

Db. *pizz.* *p* *f* *Del* *FB* *Rev* *FB* *sempre f delay* *poco a poco cresc... feedback to mf*

Electr

(very rapidly moving pan position)

♩ = 72

3

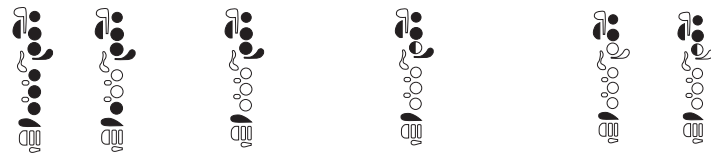
4

20

2

x 4

play microronal fingerings between g# and a.



Fl. *pp* *mp* *p*
 air sound with flutter
 Rev FB
 sing pitches very close to actual pitch (for beating effect)

Cl. *mp* *pp* *mf* *p*
 (tr)
 sing pitches very close to actual pitch (for beating effect)
 Rev FB

Hn. *f* *pp*

B. D.

Pno. *p*
 Del Gran *mp* *f*

♩ = 72

Vln. Del

Vla. arco *pp* *mf*
 bowing on or very close to the bridge make very airy sound with harmonics
 Del FB

Vc. *mf* Del FB

Db. *mf* Del FB

Electr