

Vicente Hansen Atria

A Rare Lightness

for gamin

commissioned by The Shed

(2019)

General

A Rare Lightness reflects on the traditional *piri*'s connection to modern synthesis. The Korean *piri* is a cylindrical double reed, which is a very rare combination of features in Western wind instruments. This combination also makes the *piri* an incredibly flexible instrument, possessing a wide array of sounds. In addition, the many waveforms of the *piri* are very close to a filtered sawtooth wave, and thus sonically related to subtractive synthesis. In this piece I take advantage of the sonic characteristics of the *piri* by frequency modulating it with a digital sawtooth wave, resulting in lush overtones, and creating a strange mirage in which we lose sight of what is old and what is new.

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Electronics

- The electronics in this piece are generated by frequency modulating the *piri* with a series of sawtooth wave

operators, to be distributed in a stereo layout. The frequency of the modulator is played live by a second player on a midi keyboard. For details on the patch, contact the composer.

Performance Notes

- Numbers on the piri part refer to fingerings.
- Duration: ca. 13'

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Tempo rubato ♩ = 144

A

geokchwi throughout
second time ornament freely

7

8

p *mf*

6

6 5 4 5

mf

12

7 4 4

mf

19

pyeongchwi geokchwi
more active vib.

5 3 5

p *f*

26

mp *p*

33

3 4 3 4 2

mf *mf* *p*

B

3 4 narrow slow vib.

3 5

mf *p* *mp*

45

mf

51

6

pyeongchwi
2 no vib

C geokchwi throughout
8

f *p* *p*

61

7

5

mf

67

4 5 7 4

75

4

pyeongchwi

geokchwi
more active vib.

5

p

82

5

3

f *mp*

89

3 4 3 4 2

p *mf* *mf* *p*

D

3 4

mf *p*

102 5

mp

106 6 deep vibrato

mf *f*

112 3 4 3 5

mf *p*

118

mp *mf*

123 6 deep vibrato 6 7 8 deep vibrato

f *mf*

131 *pp* *mf* *accel.* deep vibrato

Detailed description of the musical score: The score is written for a single melodic line in treble clef. It begins with a key signature of one sharp (F#) and a common time signature. The first staff (measures 98-101) starts with a half rest, followed by a half note F#4, a quarter note G4, and a dotted half note A4. Dynamics range from mezzo-forte (*mf*) to piano (*p*). A triplet of eighth notes (B4, C5, D5) is marked with a '3' above it. The second staff (measures 102-105) features a five-measure phrase with a '5' above it, marked mezzo-piano (*mp*). The third staff (measures 106-111) includes a six-measure phrase with a '6' above it and the instruction 'deep vibrato'. Dynamics range from mezzo-forte (*mf*) to forte (*f*). The fourth staff (measures 112-117) contains triplet and five-measure phrases, with dynamics *mf* and *p*. The fifth staff (measures 118-122) shows a mezzo-piano (*mp*) to mezzo-forte (*mf*) dynamic range. The sixth staff (measures 123-130) features a six-measure phrase with '6 deep vibrato' and a six-measure phrase with '6 7 8 deep vibrato', with dynamics *f* and *mf*. The seventh staff (measures 131-135) begins with a sixteenth-note triplet marked '131' and 'pp', followed by an 'accel.' marking and a 'deep vibrato' instruction, ending with a mezzo-forte (*mf*) dynamic.

140 *a tempo accel.*

pp

Musical staff 140-144: Treble clef, starting at measure 140. The music consists of a continuous eighth-note melody. The dynamic is *pp*. The tempo is marked *a tempo* and *accel.* There are two long horizontal lines above the staff, one spanning measures 140-143 and another spanning measures 144-145.

145 *deep vibrato* *a tempo*

f *mf*

Musical staff 145-151: Treble clef, starting at measure 145. The music consists of a continuous eighth-note melody. The dynamic is *f* from measure 145 to 150, then *mf* from measure 151 to 156. The tempo is marked *a tempo*. The instruction *deep vibrato* is written above the staff from measure 145 to 150. There are two long horizontal lines above the staff, one spanning measures 145-150 and another spanning measures 151-156.

152

f

Musical staff 152-157: Treble clef, starting at measure 152. The music consists of a continuous eighth-note melody. The dynamic is *f*. There are two long horizontal lines above the staff, one spanning measures 152-156 and another spanning measures 157-162.

158 *deep vibrato* *deep vibrato* *slow vib. → deep vib.* *slow vib. → deep vib. no vib.*

f *mp*

Musical staff 158-165: Treble clef, starting at measure 158. The music consists of a continuous eighth-note melody. The dynamic is *f* from measure 158 to 162, then *mp* from measure 163 to 165. The tempo is marked *a tempo*. The instructions *deep vibrato*, *slow vib. → deep vib.*, and *slow vib. → deep vib. no vib.* are written above the staff. There are two long horizontal lines above the staff, one spanning measures 158-162 and another spanning measures 163-165.

166 *slow, narrow vib* *no vib* *pyeongchwi* *no vib*

p *ff*

Musical staff 166-172: Treble clef, starting at measure 166. The music consists of a continuous eighth-note melody. The dynamic is *p* from measure 166 to 171, then *ff* from measure 172 to 177. The tempo is marked *a tempo*. The instructions *slow, narrow vib*, *no vib*, and *pyeongchwi no vib* are written above the staff. There are two long horizontal lines above the staff, one spanning measures 166-171 and another spanning measures 172-177.