

The Phloem and the Xylem - Nick Hwang - 2016

For the Phonographers Union, Earth Day 2016

Flute

Bb Clarinet

Bb Trumpet

Double Bass

*Percussion + Contact Microphone

Electronics

Percussionist performs on microphoned cross section
of a tree trunk.

Max patch for electronics available at NickHwang.com



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Flute

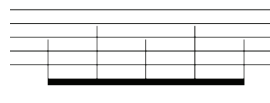
♩ = 60

Performance Notes

TP / SP / ORD - Tongue Pizz. / Speak / Ordinario

○ — ● — ○ Tone Quality. Very Breathy to normal tone.

 Exponential crescendo. Exaggerate the end of the crescendo.

 Suggested contour and rhythm of indeterminate pitches.

 Follow suggested scale.

 Airy tone.

Unmarked techniques, such as vibrato should be freely improvised by performer.

Pitches can be performed at any octave.

Performance Order

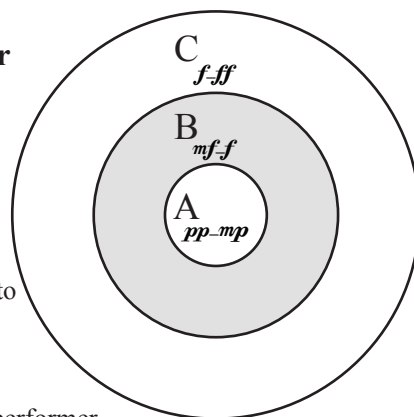
Suggested order:

A-B-C-B-A.

Suggested duration:

~1 minute per section.

Performers do not need to move between sections together.



Within in each section, performer may chose any cell to perform. Sections may be divided into subsections with suggested performance technique. Treat contents of cells as suggestions, in relation to duration, contour, range, technique, and relative dynamics, unless otherwise marked. Performers are encouraged to improvise when moving between cells. Silence / not performing can be a good musical choice. Performers are welcome to augment/truncate durations, gestures, to fit overall performance.

* In Section C, performer should freely improvise with given scale.

ORD. / SP / Flz. / Breath / TP

(IMPROVISE MELODY*)

3

3

3

tr

tr

(tr)

ORD. / SP

Flz. / Breath / TP

Airy
(TP, SP)

o

ppp < *p* > *ppp*

ORD. / SP

Flz. / Breath / TP

tr

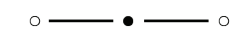
tr

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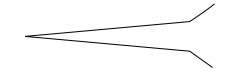
Bb Clarinet

♩ = 60

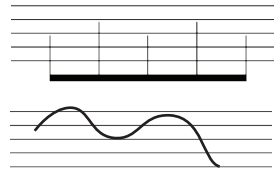
Performance Notes



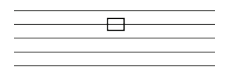
Plunger mute: Open - Closed - Open



Exponential crescendo. Exaggerate the end of the crescendo.



Suggested contour and rhythm of indeterminate pitches. Follow suggested scale.



Airy tone.

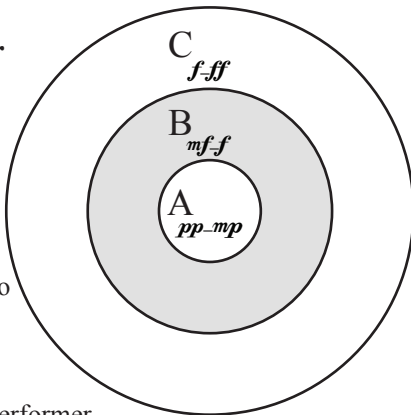
Unmarked techniques, such as vibrato should be freely improvised by performer. Pitches can be performed at any octave.

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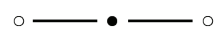
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Bb Trumpet - with Plunger Mute

♩ = 60

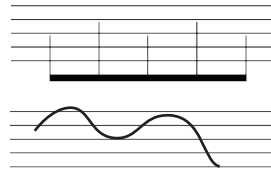
Performance Notes



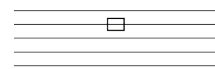
Open Mute - Closed Mute



Exponential crescendo. Exaggerate the end of the crescendo.



Suggested contour and rhythm of indeterminate pitches.
Follow suggested scale.



Airy tone.

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Pitches can be performed at any octave.

Performance Order

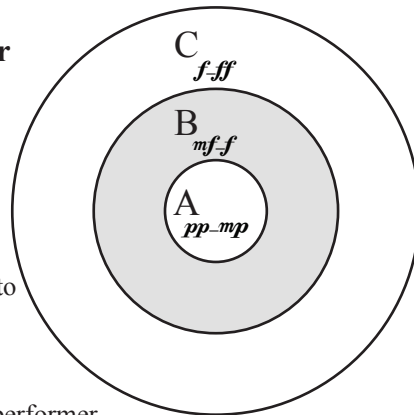
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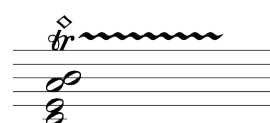
[]
(IMPROVISE MELODY*)

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Double Bass I, II

Performance Notes

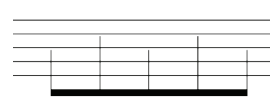
ST / SP / CL - Sul Tasto / Sul Ponticello / Col Legno



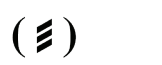
Harmonic trill.
A trill produced by rapidly alternating finger pressure between normal and light.
Resulting sound should be alternation of normal and harmonic sound.



As high as possible on given string.
Pitch bend.



Suggested contour and rhythm of indeterminate pitches.
Follow suggested scale.



Optional technique tremolo / tremolando.

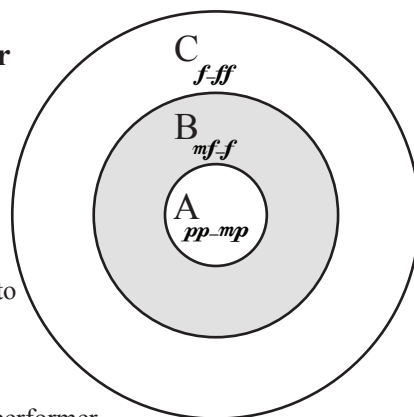
Unmarked techniques, such as bow pressure and vibrato should be freely improvised by performer.

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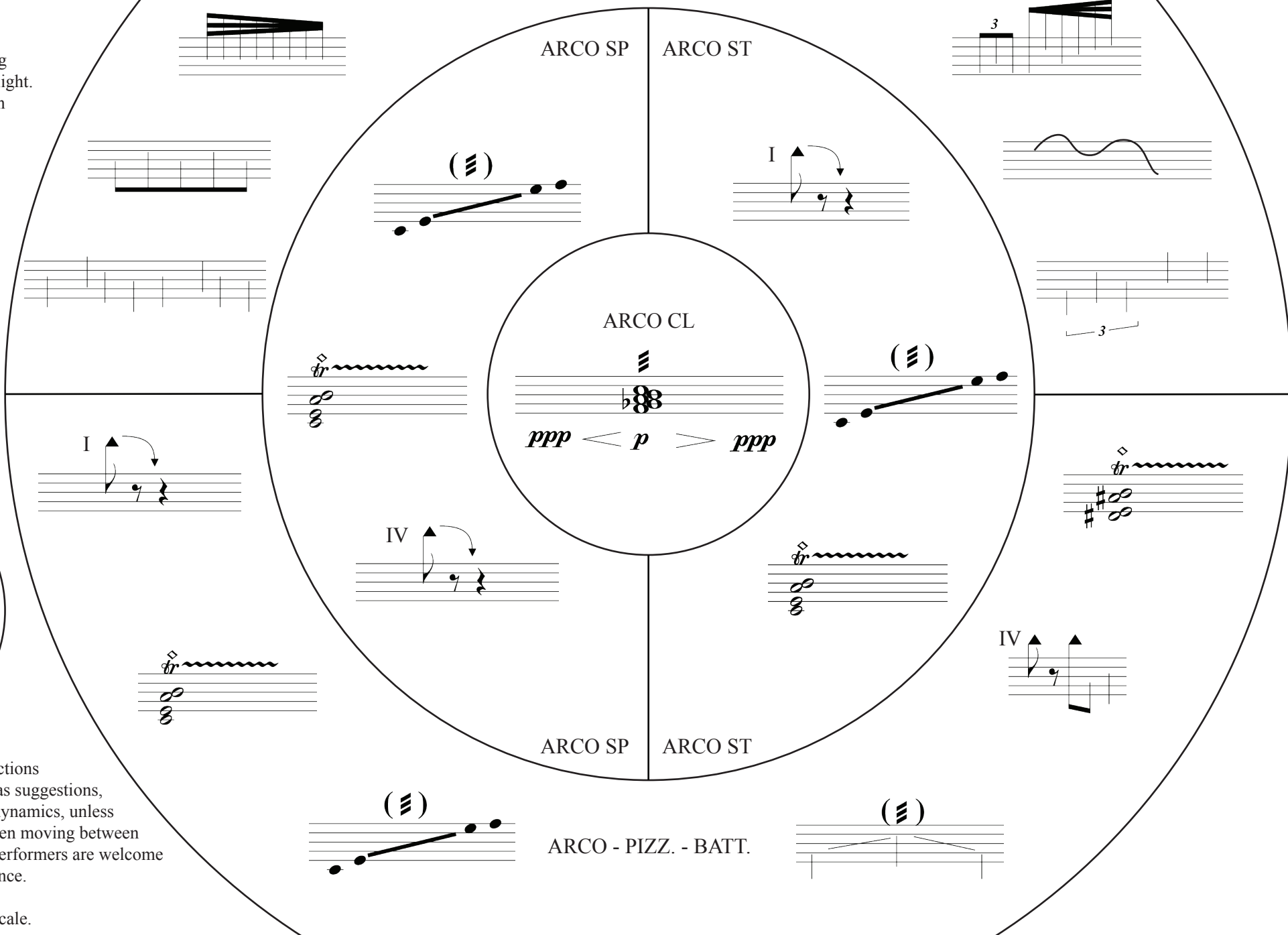
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♩ = 60



ARCO - PIZZ. - BATT.
(IMPROVISE MELODY*)



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Percussion

Performance Notes

○ — ● Performer moves from one timbral area to different.

~~~~~ Fluid gesture in varying physical space.

~~~~~ Suggested rhythm with staff implying varying physical space in performance area.

♩ = 60

The percussionist is the featured soloist, whose main performance goal should be to explore qualities of the performance area.

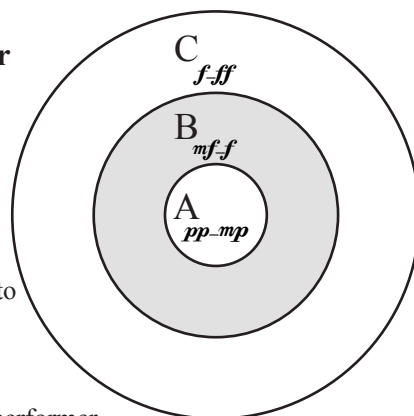
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IMPROVISE IN VARYING SPACE AND PERFORMANCE TECHNIQUES

