Vicente Hansen Atria

Hydraulics

for Large Ensemble

(2017)

SCORE IN C

General

Performance Notes

- Accidentals apply throughout the measure and are octave-specific.
- Grace notes are to be performed *before* the adorned note.

Irrational Time Signatures

Irrational time signatures are used in this work to notate incomplete tuplets. Just as one can read 4/8 as "four eighth-notes," and 5/16 as "five sixteenth-notes," one can read 7/24 as "seven sixteenth note triplets," 4/20 as "four quintuplets," etc. Whenever an irrational time signature is used, notes are marked as tuplets according to the corresponding rate in a *regular* time signature followed by an arrow, showing that the tuplets are incomplete.

Percussion List

List of instruments

- 14″ Snare Drum (snares off throughout)
- Set of hooves (that will be on the snare drum for most of the piece)
- 14″-16″ Floor Tom, tuned low, muted
- 20-22″ Ride cymbal with a 8-10″ Splash stacked on top of it
- 16-18″ Cymbal with a 8″ Splash stacked on top of it
- 2 piccolo woodblocks (not identical)
- Vibraslap
- Vibraphone
- Superball mallets (small & medium)
- Drumsticks (wood tip)
- D#, E, F Crotales (second octave)
- Low G Almglocken or Brake Drum
- Nipple Gong

Score in C

♩ = 78, heavy

Hydraulics

Vicente Hansen Atria

Flute

measured 32nd double tonguing

Alto Sax

16

35 blend w/bcl

58

Bass Clarinet

28

10 blend w/sax

24

Horn in F

harmon

Trombone

harmon w/stem

Percussion

double buzz
superball different sizes
snares on, hooves off
consonant interval

medium stack
(approx. 8" over 16"
loose)

choke

vibraslap

cross stick

possibile (but dont sweat it)

medium stack
(approx. 8" over 16"
loose)

choke

Vibraphone

soft mallets

hard mallets

crotales

low G almglocken

low G almglocken

Piano

(always E)

Violin

II -5th partial
III -7th partial

m.s.p.

seamless bowing

pizz.

m.s.p.

seagull

Viola

II (natural)
III (touch M3rd)

m.s.p.

seagull

II
III

subito p

pizz.

m.s.p.

seagull

II
III

subito p

Cello

II (natural)
III (touch M3rd)

m.s.p.

seagull

subito p

m.s.p.

seagull

subito p

Double Bass

pizz. with side of index finger
always as loud and full a sound as possible
think ray brown

r.h.
slap against fingerboard

arco

r.h.
slap against fingerboard

©

Hydraulics

Fl.

measured 32nd double tonguing

A. Sx.

B. Cl.

Hn.

Tbn.

Perc.

vibraslap

medium stack

snare cross stick

snare cross stick

medium stack

choke

piccolo woodblock

snare drum w/hooves
snares on, sticks
buzz strokes (not roll)
space out bounces according to note duration

Vib.

crotales

low G almglocken

Pno.

Vln.

Vla.

Vc.

D.B.

ord.

m.s.p.

seagull

pizz.

r.h.
slap against fingerboard

Fl.

A. Sx.

B. Cl.

Hn.

Tbn.

Perc.

Vib.

Pno.

Vln.

Vla.

Vc.

D.B.

open

5/4
(tune to high note always)

7/6

vibraslap

medium stack

muted low tom

piccolo woodblock
med-high woodblock

choke

single stroke
roll

low muted tom

muted snare (wallet?)
snares off

crotales

pizz.

m.s.p.

ord.

arco

poco vib

IV, arco

III

pizz, then immediately arco

r.h.
slap against fingerboard

slow wide vib.
arco

no vib.

17

Fl.

A. Sx.

B. Cl.

Hn.

Tbn.

Perc.

Vib.

Pno.

Vln.

Vla.

Vc.

D.B.

5:4

mf

f

mp

4/3

sfp

snare cross stick
medium stack

piccolo woodblock

single stroke
roll

low muted tom

7:8

medium stack

snare cross stick
medium stack

piccolo woodblock

medium stack

vibraslap

large stack

crotales

m.s.p.

3:2

pizz.

arco

sfz

III

III, arco

percussive
right hand
slap strings against fingerboard

r.h.
slap against fingerboard

ord.

Fl.

A. Sx.

B. Cl.

air → pitch → air

Hn.

harmon

Tbn.

harmon stem removed

double buzz
superball mallets
snare drum, snares on
hooves off
consonant interval

non dim.

Perc.

medium stack

piccolo woodblock

Vib.

Pno.

Vln.

as few bows as possible
(barely move/
little to no pitch at first)

pizz.

m.s.p.

Vla.

bow bridge or mute string

arco

Vc.

D.B.

arco
accel trem

bow tailpiece

r.h.
slap against fingerboard

Hydraulics

28

Fl.
to alto flute
alto flute (IN C)

A. Sx.
35
blend w/bcl
16
mf

B. Cl.
10
blend w/sax
28
mf

Hn.
harmon
mf

Tbn.
harmon w/stem
mf

Perc.
choke
hooves on
7:8
mf
cross stick
7:8
mf
medium stack
f
choke
vibraslap
medium stack

Vib.
crotales
furiously

Pno.
furiously

Vln.
ord.
f
7:8
m.s.p.
3:2
pizz.
sfz
ord.
mf
arco
m.s.p.

Vla.
ord.
sfz
f
m.s.p.
pizz.
ord.
mf
arco
m.s.p.

Vc.
ord.
sfz
f
m.s.p.
ord.
fp
mf
arco
m.s.p.

D.B.
m.s.p.
IV, arco
sfz
pizz.

Fl.

A. Sx.

B. Cl.

35 blend w/bcl

10 blend w/sax

Hn.

Tbn.

Perc.

low muted tom
single stroke roll

large stack

vary short stack sounds each time
medium stack

snare cross stick
medium stack
piccolo woodblock

vibraslap
piccolo woodblock
med. high woodblock

snare cross stick
choke
medium stack
piccolo woodblock

Vib.

crotales

crotales

Pno.

Vln.

Vla.

Vc.

D.B.

m.s.p.

pizz.

arco
ord.

espressivo

Hydraulics

Fl.
A. Sx.
B. Cl.
Hn.
Tbn.
Perc.
Vib.
Pno.
Vln.
Vla.
Vc.
D.B.

37

to flute
(OR STILL ALTO)

flute
(OR STILL ALTO)

58
24

non dim.

stopped

snare cross stick
medium stack
choke
piccolo woodblock

snare drum w/hooves
snares on, sticks
buzz strokes (not roll)
space out bounces according to note duration

soft mallets

mute

crotales

m.s.p.
ord.
IV, arco
harm gliss
as high as possible
(harmonic pressure)
arco slow, wide vib
I (7)
II (9)
III
slow, wide vib

Fl.

A. Sx.

B. Cl.

Hn.

Tbn.

Perc.

Pno.

Vln.

Vla.

Vc.

D.B.

44

58

24

f

non dim.

open

stopped

ff

3:2

5:4

mute

p

7:8

(8va)

m.s.p.

accel. trem.

ord.

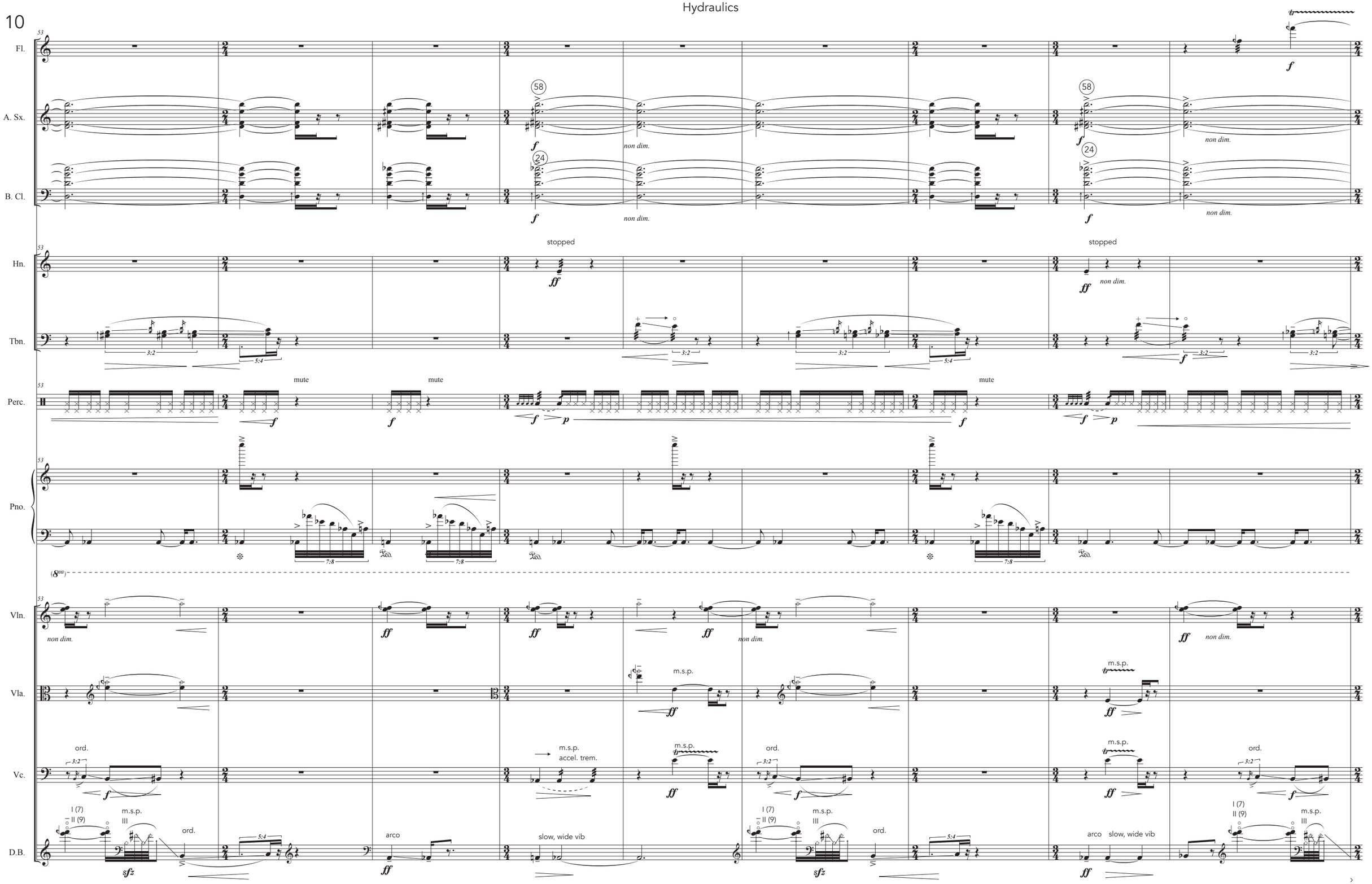
I (7)

II (9)

III

slow, wide vib

sfz


Fl.
A. Sx.
B. Cl.
Hn.
Tbn.
Perc.
Pno.
Vln.
Vla.
Vc.
D.B.
53
58
24
non dim.
stopped
mute
m.s.p.
accel. trem.
ord.
arco
slow, wide vib
I (7)
II (9)
III
3:2
5:4
7:8

Muffled, airy

Ritenuto (subito ♩ = ca. 69)

x7

Fl.

A. Sx.

B. Cl.

Hn.

Tbn.

Perc.

Pno.

Vln.

Vla.

Vc.

D.B.

58

35

24

subtone

cup mute

mute

some sick gong
soft beater

tenuto: mute edge of cymbal OR center of gong
strike bell/body with shaft of stick OR edge with shaft
to emphasize high partials
vary sound each time
blend with piano
staccato: completely muted

different cymbal

lightly muted

staccato: totally muted
tenuto: harmonic (press hard, no pedal)
both strings w/thumb
vary partials in parallel, discretely
(not continuously)

Con sord.

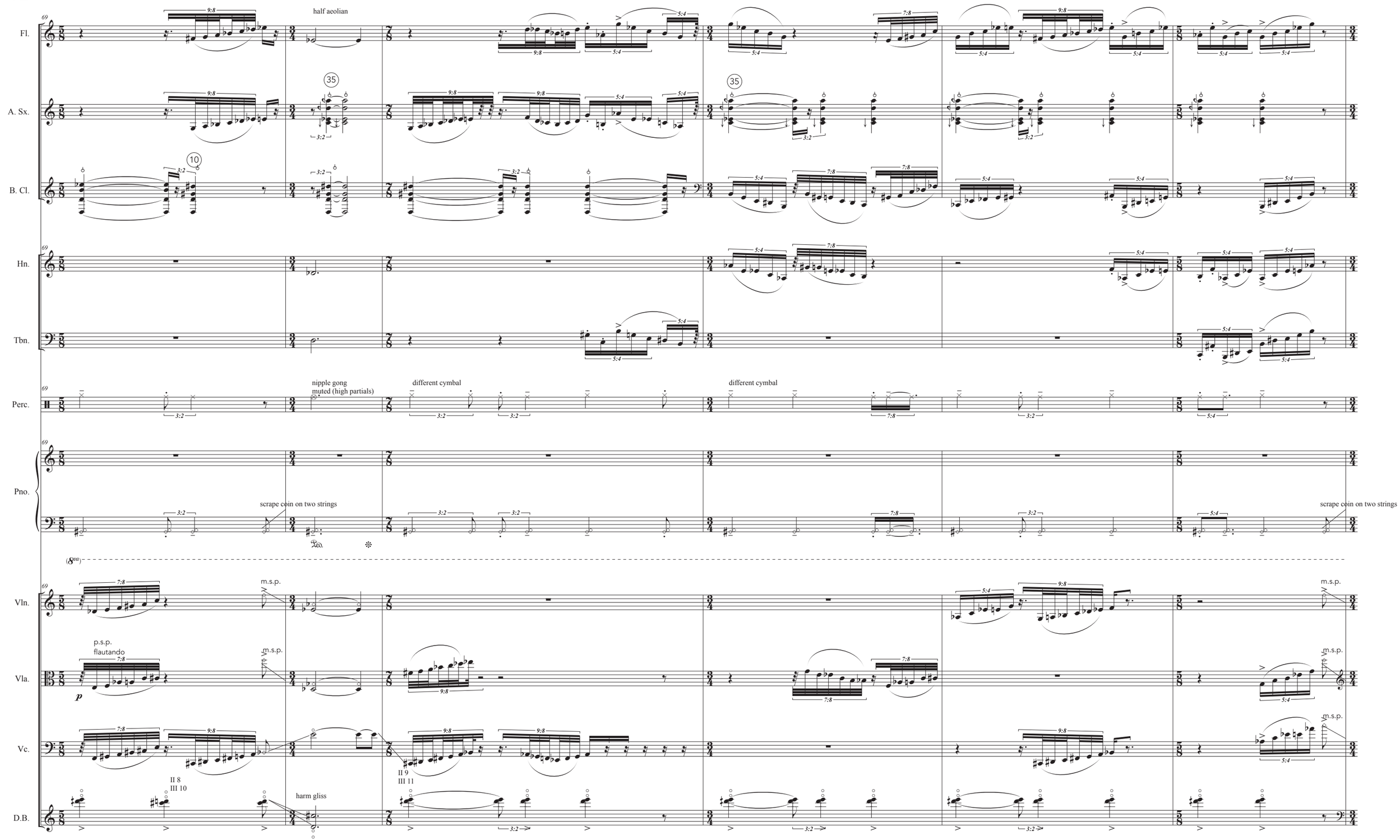
p.s.p.
flautando

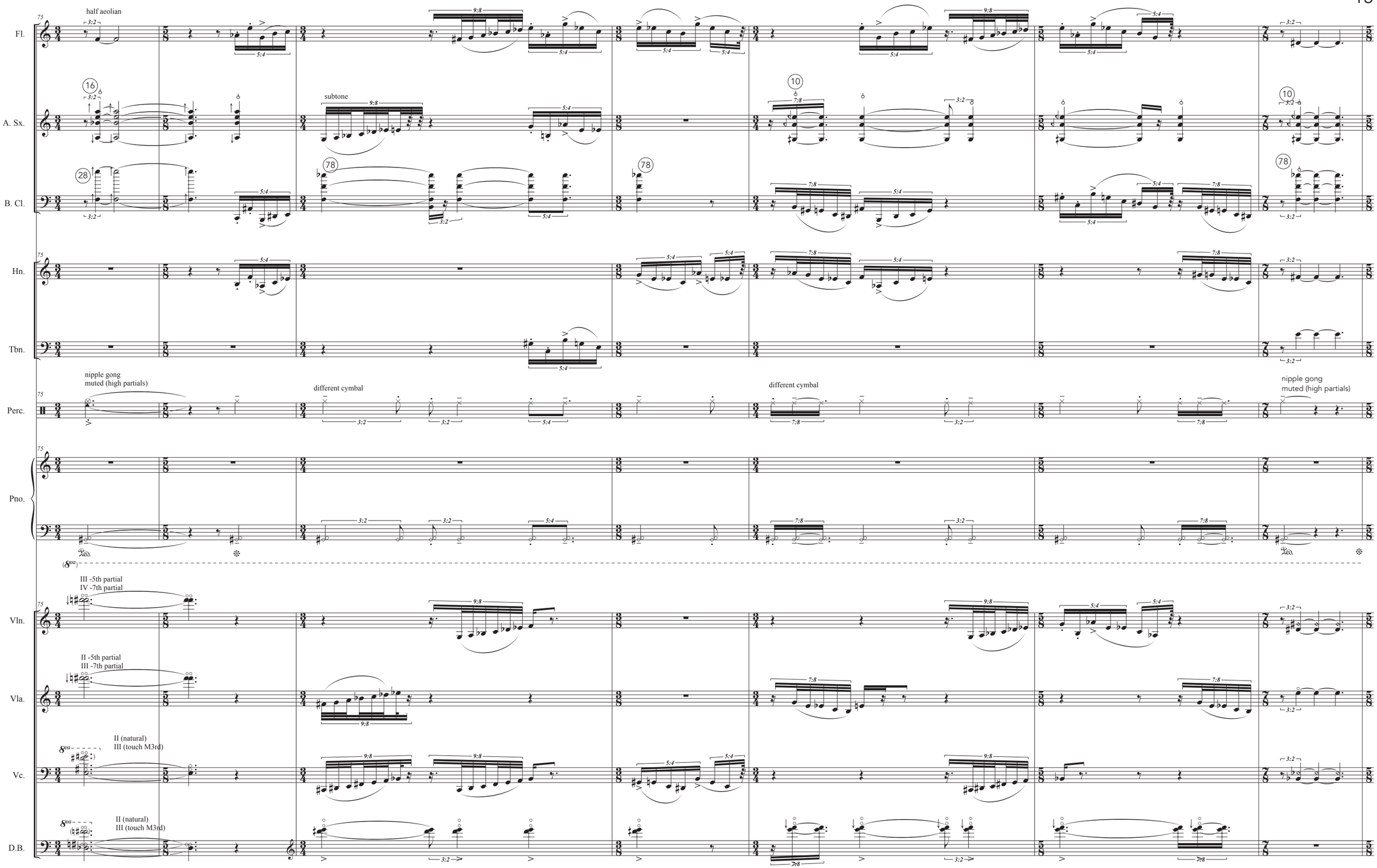
I 7
II 9

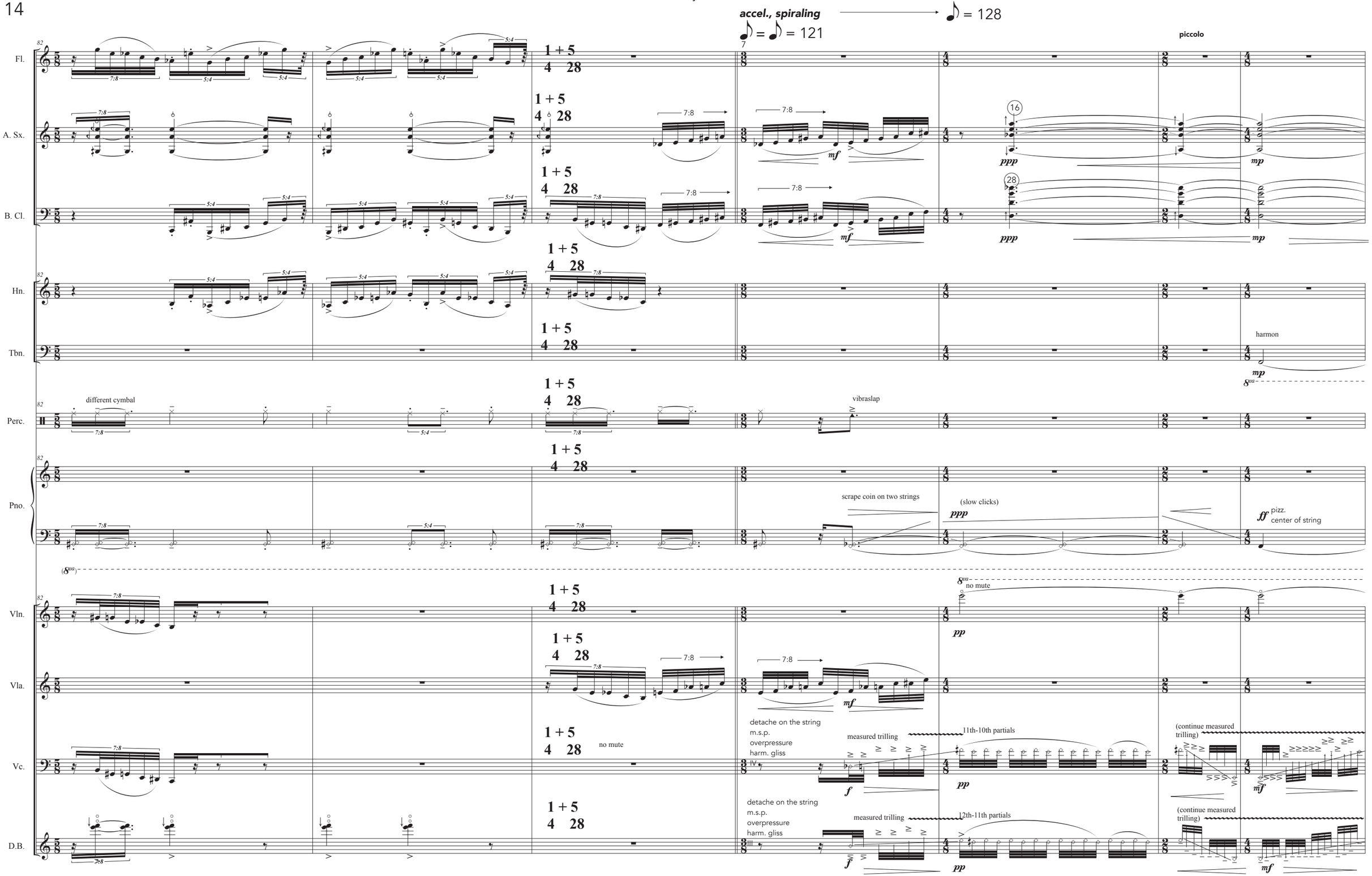
arco

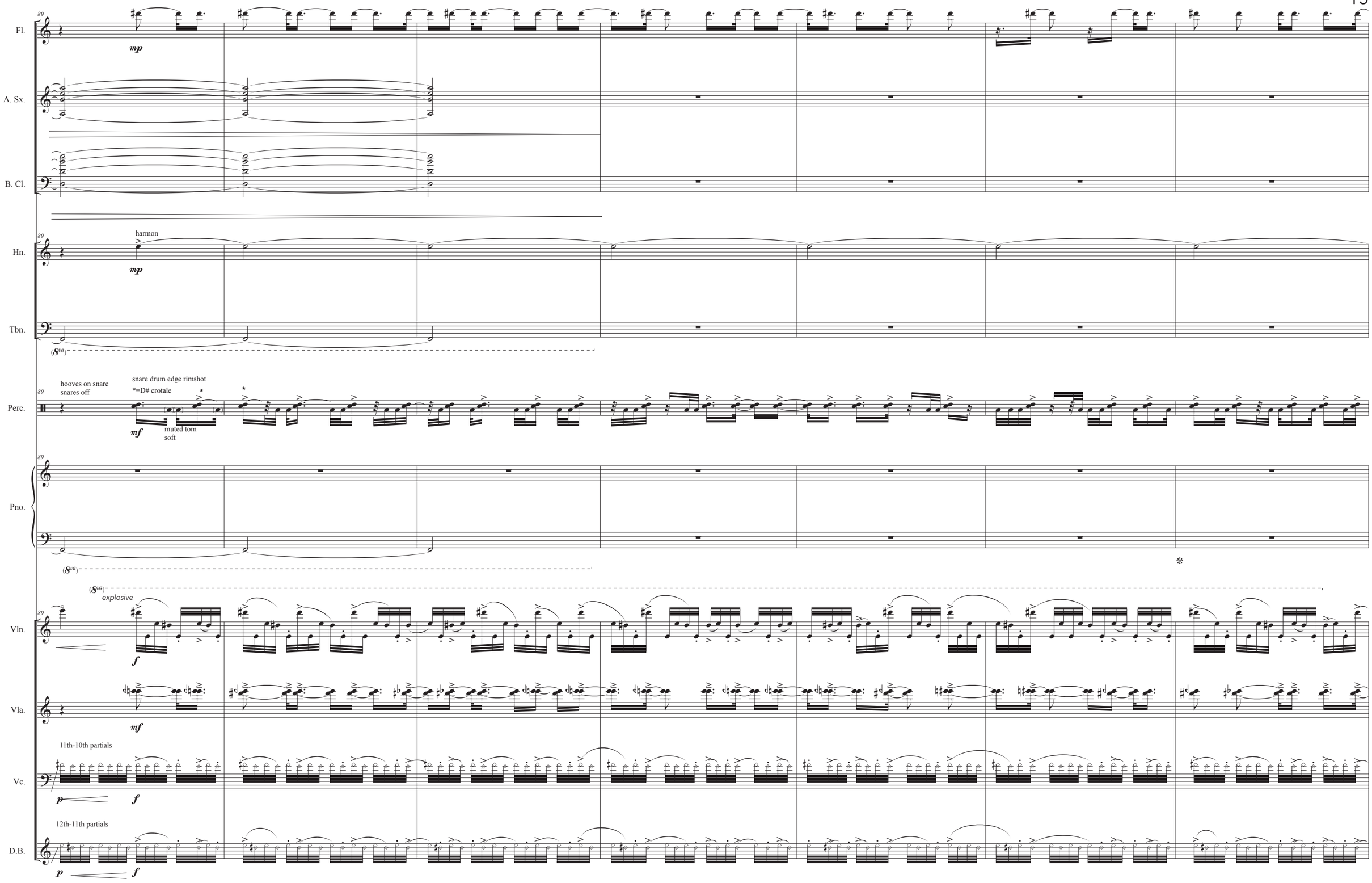
II 9
III 11

ord.
pizz.


Fl.
A. Sx.
B. Cl.
Hn.
Tbn.
Perc.
Pno.
Vln.
Vla.
Vc.
D.B.
69
half aeolian
35
10
nipple gong
muted (high partials)
different cymbal
different cymbal
scrape coin on two strings
scrape coin on two strings
m.s.p.
m.s.p.
m.s.p.
m.s.p.
m.s.p.
p.s.p.
flautando
p
II 8
III 10
II 9
III 11
harm gliss


Fl.
half aeolian
A. Sx.
subtone
B. Cl.
Hn.
Tbn.
Perc.
nipple gong
muted (high partials)
different cymbal
different cymbal
nipple gong
muted (high partials)
Pno.
Vln.
III -5th partial
IV -7th partial
Vla.
II -5th partial
III -7th partial
Vc.
II (natural)
III (touch M3rd)
D.B.
II (natural)
III (touch M3rd)


accel., spiraling
♪ = ♪ = 121
♪ = 128
Fl.
A. Sx.
B. Cl.
Hn.
Tbn.
Perc.
Pno.
Vln.
Vla.
Vc.
D.B.
piccolo
different cymbal
vibraslap
harmon
scrape coin on two strings
(slow clicks)
pizz.
center of string
no mute
detache on the string
m.s.p.
overpressure
harm. gliss
measured trilling
11th-10th partials
12th-11th partials
(continue measured trilling)
1 + 5
4 28
7:8
5:4


89
Fl.
mp
A. Sx.
B. Cl.
Hn.
harmon
mp
Tbn.
(8va)
Perc.
hooves on snare
snares off
snare drum edge rimshot
*=D# crotale
mf
muted tom
soft
Pno.
(8va)
(8va)
explosive
Vln.
f
Vla.
mf
11th-10th partials
Vc.
p
f
12th-11th partials
D.B.
p
f

Fl.
A. Sx.
B. Cl.
Hn.
Tbn.
Perc.
Pno.
Vln.
Vla.
Vc.
D.B.

harmon
harmon
one stroke
"ricochet"
as slow/long as possible
super ball
muted snare drum
snares off
almost buzz but not quite
simile
pizz.
scrape coin on two strings
pizz.
center of string
"circular ricochet"
slow but still comfortable ricochets
on both downbow and upbow
accross strings
at first detached ricochets
accel.
II -5th partial
III -7th partial
no mute
(continue measured trilling)
11th
11th-10th partials
II (natural)
III (touch M3rd)
12th
12th-11th partials

~40 seconds

A. Sx.

B. Cl.

teeth on reed

pp

non dim.

teeth on reed

pp

non dim.

Tbn.

harmon stem removed

pp

Perc.

accel.

circular, continuous movements
not buzz! still ricochet
try to hide attacks

double buzz
superball different sizes
snares on, hooves off
consonant interval

pppp *pp*

Pno.

mute, no pitch

f

(resonance)

Vln.

simile, but now one continuous
"circular" gesture/soudnd
vary bow placement from s.t.
to s.p. ad lib

stop

"eternal ric."
length of entire bow
hold for as long as possible

noisy, extremely slow bow (medium-light pressure)

p *pp*

Vla.

simile, but now one continuous
"circular" gesture/soudnd
vary bow placement from s.t.
to s.p. ad lib

stop

"eternal ric."
length of entire bow
hold for as long as possible

noisy, extremely slow bow (medium-light pressure)

p *pp*

Vc.

simile, but now one continuous
"circular" gesture/soudnd
vary bow placement from s.t.
to s.p. ad lib

stop

"eternal ric."
length of entire bow
hold for as long as possible

noisy, extremely slow bow (medium-light pressure)

p *pp*

D.B.

II (natural)
III (touch M3rd)

p

simile, but now one continuous
"circular" gesture/soudnd
vary bow placement from s.t.
to s.p. ad lib

stop

bow tailpiece

"*f*"