

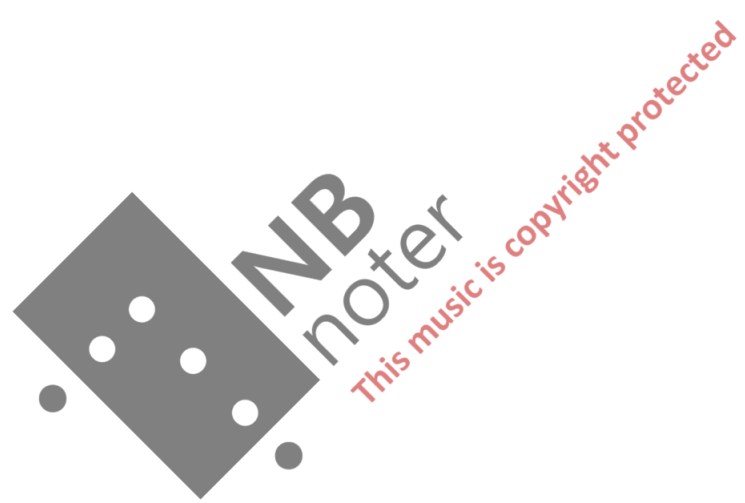
Kristine Tjøgersen

Habitat

string quartet



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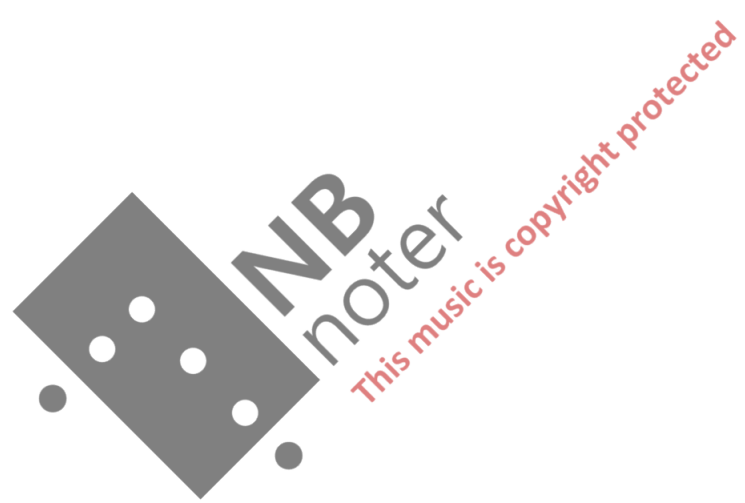


Habitat

string quartet



Kristine Tjøgersen 2023



Kristine Tjøgersen: Habitat (2022), adapted for string quartet 2023

For string quartet

String trio commissioned by and dedicated to Ensemble Recherche

Duration: 11'

Trio version premiered by Ensemble Recherche at Wittener tage für neue kammermusik 07.05.22

Supported by: Norsk kulturråd

Quartet version commissioned by oenm, österreichisches ensemble fuer neue musik.

To be premiered at Künstlerhaus, Salzburg 01.12.23

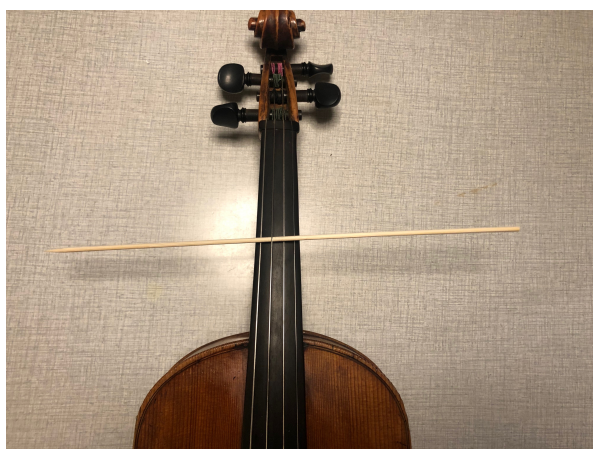
Supported by: Austrian Ministry for Culture

Preparation:



Violin I

In the beginning of the piece the violin is prepared with a knitting needle between IV and II string. The knitting needle is made of metal with measurements 3 mm in diameter, and 20 cm long. The III string is situated on the middle of the needle, and the needle is placed just above the fingerboard to get the right pitches (see score). E string is prepared/damped with a piece of bubble plastic underneath the string.



Violin I

Also needs a 30 cm long thin wooden barbecue stick, placed between IV and II string. See score.



Violin II

Needs a knitting needle of metal with measurements 3 mm in diameter, and 20 cm long. The needle is to be placed between IV and II string. The III string is situated on the middle of the needle, and the needle is placed just above the fingerboard to get the right pitches. See score.



Violin II

Also needs a wooden ice cream stick to be prepared between I and III string.
The II string is situated on the middle of the stick.
See score

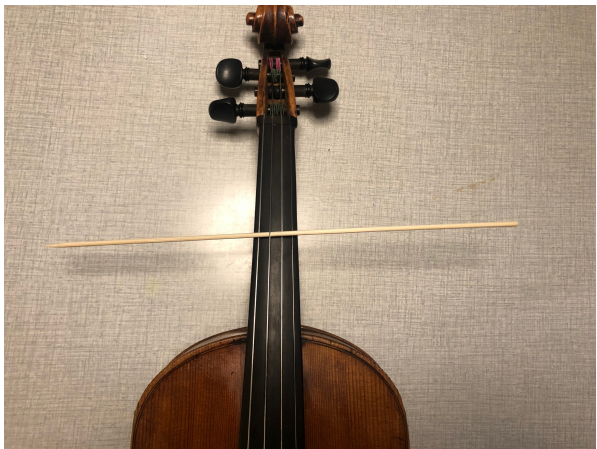


The Violin II also sings and plays MicroKORG vocoder
MicroKorg A.86 - Vocoder, prog. 6

Viola

Scordatura:

the C string is tuned down to H (B natural)
The score is in two versions, one fingered and one sounding.



The viola player needs a 30 cm long thin wooden barbecue stick, placed between IV and II string. The III string is situated on the middle of the stick. See score.



Cello

The G-string is prepared with a round plastic coated paper clip + tack it, that is placed on quarter-tone low D.
Makes (around) high C sound.

The cellist also needs a plastic chop stick.

4 Different boxes

Each musician needs a small box, filled with some pearls and a hex bug.
The boxes must be of different sizes and material, it can be a of metal, wood, paper and glass.
The sound is supposed to be in the background, sounding like a tropical rainforest ambience.

4 Hex bug nano:



Amplification

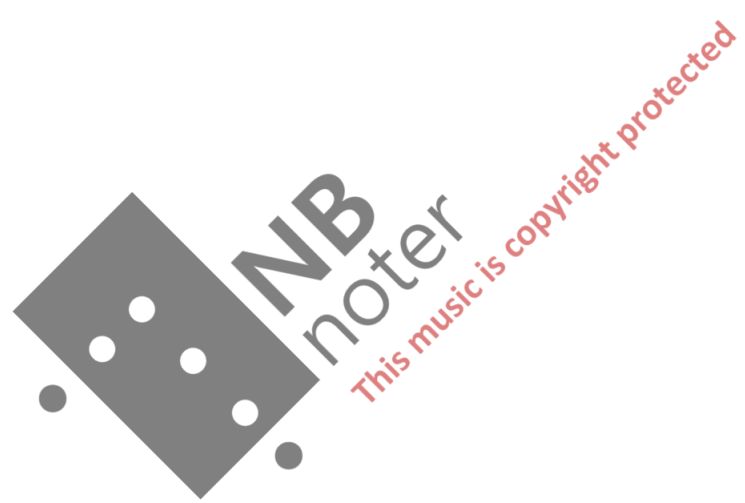
The instruments are amplified (4 microphones)

Other needs

The vocoder needs a keyboard stand + PA.

All players needs a small table for the boxes





Habitat

written and dedicated to ensemble Recherche
quartet version for oenm



Two gibbons in an oak tree
by the Song dynasty painter
Yi Yuánjī (ca 1000-1064)

Kristine Tjøgersen 2022
version for quartet 2023

♩ = 126 the violin is prepared with a 20 cm, 3mm knitting needle of metal,
E string is prepared / damped with a piece of bubble plastic,
see picture

Violin I

Violin II

Viola

Violoncello

1

blend with cello

8va

II sul pont

scordatura:
the C string is tuned down to H (B natural)

pppp

behind bridge,
on winding, sounding
around C

III (♭)

The G-string is prepared with paper clip + tack it,
to be placed on quartertone low D

pppp

pp

Vln. I

Vln. II

Vla.

Vc.

7

(8)

pp

scordatura:
the C string is tuned down to H (B natural),
notated as sounding

imitate bird call of
Tawny frogmouth
flautando
no vibrato

ppp

hex bug on G
string, molto sul pont.
(almost on bridge),
sounding like D

III (imitating call of Cane toad)

mp (hex bug)

12

Vln. I

Vln. II

Vla.

Vc.

(8)

vibrato

p

l.r.

III

A

17

Vln. I

Vln. II

Vla.

Vc.

(8)

ppp

pp

ppp

circles with bow between bridge and knitting needle,
airy sound, delicate, sounding approx. like G

23

Vln. I

Vln. II

Vla.

Vc.

hex bug on G string, molto sul pont.

mp

l.r.

(8)

29

Vln. I

Vln. II

Vla.

Vc.

hex bug on G string, molto sul pont.

mp

non vibrato

p

(8)

B

sim.

35

Vln. I

sim.

x = crini bounce on the violin body with upper 1/3 of the bow

mf

(8)

Vln. II

vibrato

Vla.

mp

Vc.

39

Vln. I

Vln. II

Vla.

Vc.

hex bug on G string, molto sul pont.

mp

43

Vln. I

3 5

(8)

Vln. II

Vla.

hex bug on G string,
molto sul pont.

Vc.

mp

non vibrato

45

48

sounding

Vln. I

jeté, next to needle
.....
l.h. pizz

f *mf* *mp*

T $\equiv$ P
between needle
and bridge, airy, beautiful

sounding

jeté, next to needle
.....
l.h. pizz

f *mf* *mp*

T $\equiv$ P
between needle
and bridge, airy, beautiful

l.h. pizz

f

(8)

Vln. II

vibrato

Vla.

p

Vc.

jeté, next to needle
T P
between needle and bridge, airy, beautiful
light, rhythmic and danceable
I
l.h. nail pizz (prep. string)
x = crini bounce on the violin body with upper 1/3 of the bow

53

Vln. I

mf mp

mf

Vln. II

(8)

Vla.

non vibrato

p mf

Vc.

||

57

Vln. I

Vln. II

(8)

Vla.

vibrato

non vibrato

Vc.

remove paper clip

repeat if necessary,
until cellist has
removed paperclip

D

61

Vln. I

3

3

3

3

3

3

Vln. II

prepare the violin with a 20 cm, 3mm knitting needle of metal,
see picture

gradually more and more air sound +
more circular bow

Vla.

Vc.

light, rhythmic and danceable

tremolo with
plastic chopstick
between strings

p



65

Vln. I

mf

mf

3

3

3

damped open

knitting needle

open

crini bounce on strings (bell sound)

Vln. II

mp

Vc.

mp

69

Vln. I

Vln. II

Vc.

3

5

3

3

3

3

3

5

l.r.

knitting needle

l.r.

mp

mp

73

Vln. I

Vln. II

Vc.

3

mf

mf

crini bounce on strings

mp

77

Vln. I

Vln. II

Vla.

Vc.

3

5

knitting needle

crini bounce on strings (bell sound)

l.r.

remove knitting needle, prepare violin with wooden ice cream stick

listen to the recording of the **Banjo frog** and imitate the call. microtonal ambitus between H - to C#

pizz with 2 fingers, add accents ad lib. *hectic and intense*

ppp

$\text{♩} = 100$

2/4

2/4

2/4

2/4

80

Vln. I

gliss with fingers

Vln. II

with wooden ice cream stick

dampen close to the nut

Vla.

p

Vc.

84

84

Vln. I

Vln. II

Vla.

ppp

pp

Vc.

88

Vln. I

Vln. II

Vla.

Vc.

mp

92

gliss with fingers

Vln. I

Vln. II

Vla.

Vc.

pp

97 **F** ♩ = 72

Vln. I

voice

m
p

♩ = 100

Vln. II

voice

m
p

Vla.

hit the strings with hand,
let ring (sounding as notated) l.r.

mf

Vc.

voice

m
p

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101

Vln. I

Vln. II

Vla.

Vc.

pp *mf*

Measures 101-104. Vln. I and Vln. II play sixteenth-note patterns. Vla. plays a sustained low-frequency texture. Vc. plays a rhythmic pattern. Dynamics range from *pp* to *mf*.

105

Vln. I

Vln. II

Vla.

Vc.

pp *mf*

Measures 105-108. Vln. I and Vln. II play sixteenth-note patterns. Vla. plays a sustained low-frequency texture. Vc. plays a rhythmic pattern. Dynamics range from *pp* to *mf*.

109

Vln. I

Vln. II

Vla.

Vc.

pp

Measures 109-112. Vln. I and Vln. II play sixteenth-note patterns. Vla. plays a sustained low-frequency texture. Vc. plays a rhythmic pattern. Dynamics range from *pp* to *mf*.

♩ = 72

113

Vln. I

voice

m

p

Vln. II

voice

m

p

Vla.

voice

m

p

sim.

l.r.

mf

Vc.

voice

m

p

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117 voice

m
mp

Vln.

voice

m
mp

Vln. II

voice

m
mp

Choir

1.
mf

place a barbecue stick under string, see picture

ϕ
dampen close to the nut
mp

voice

m
mp

Vc.

turn on hexbug
put it in a box

remove needle and bubble plastic
place a barbecue stick
under string, see picture

121

Vln. I

Vln. II

Vla.

open and close the opening
of the box with your hand

Vc.

125

Vln. I

Vln. II

Vla.

remove wooden
ice cream stick

turn on hexbug,
put it in a box

open and close the opening
of the box with your hand

Vc.

put a lid on the box

130

Vln. I

Vln. II

Vla.

Vc.

136

[H] ♩ = 66

remove stick quietly

Vln. I

Vln. II

Vla.

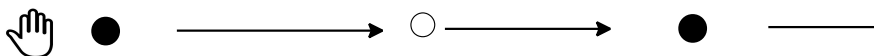
rubato
song of Gibbons beautiful and sonorous

pp

Vc.

turn on hexbug
put it in a box

open and close the opening
of the box with your hand



141

Vln. I

Vln. II

Vla.

Vc.

turn on hexbug
put it in a box

rubato

song of Gibbon
beautiful and sonorous

pp

II *static*
molto sul pont.

pp

146

Vln. I

Vln. II

Vla.

Vc.

put a lid on the box

mp

rubato
song of Gibbons

p

static
I molto sul pont.

p

open the lid

rubato
song of Gibbons

mp

152

Vln. I

Vln. II

Vla.

Vc.

p

3

sim.

156

Vln. I

Vln. II

Vla.

Vc.

pp

mp

bird like,
a bit freely

open and close the opening
of the box with your hand

J

Vln. I

159

mf

Vln. II

Vla.

mp

Vc.

put a lid on the box

rubato

mp

Vln. I

162

Vln. II

Vla.

IV rubato

mp

Vc.

static molto sul pont

p

K

167

take lid off

Vln. I

Vln. II

Vla.

Vc.

rubato

mp

172

song of gibbon
beautiful and sonorous

IV

Vln. I

Vln.

Vla.

Vc.

turn off hexbug

mf

p

176

Vln. I

Vln. II

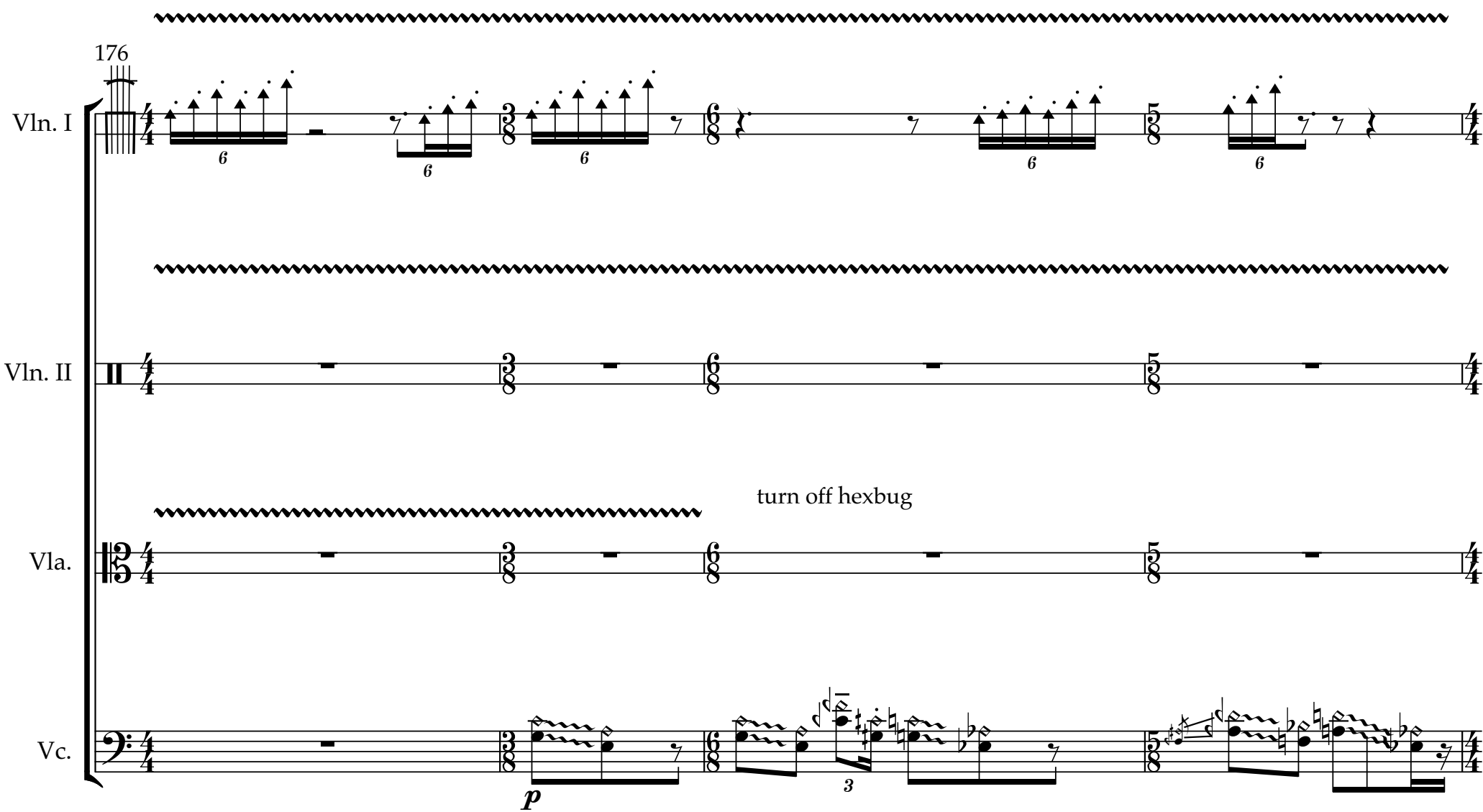
Vla.

Vc.

turn off hexbug

p

3



180

Vln. I

Vln. II

Vla.

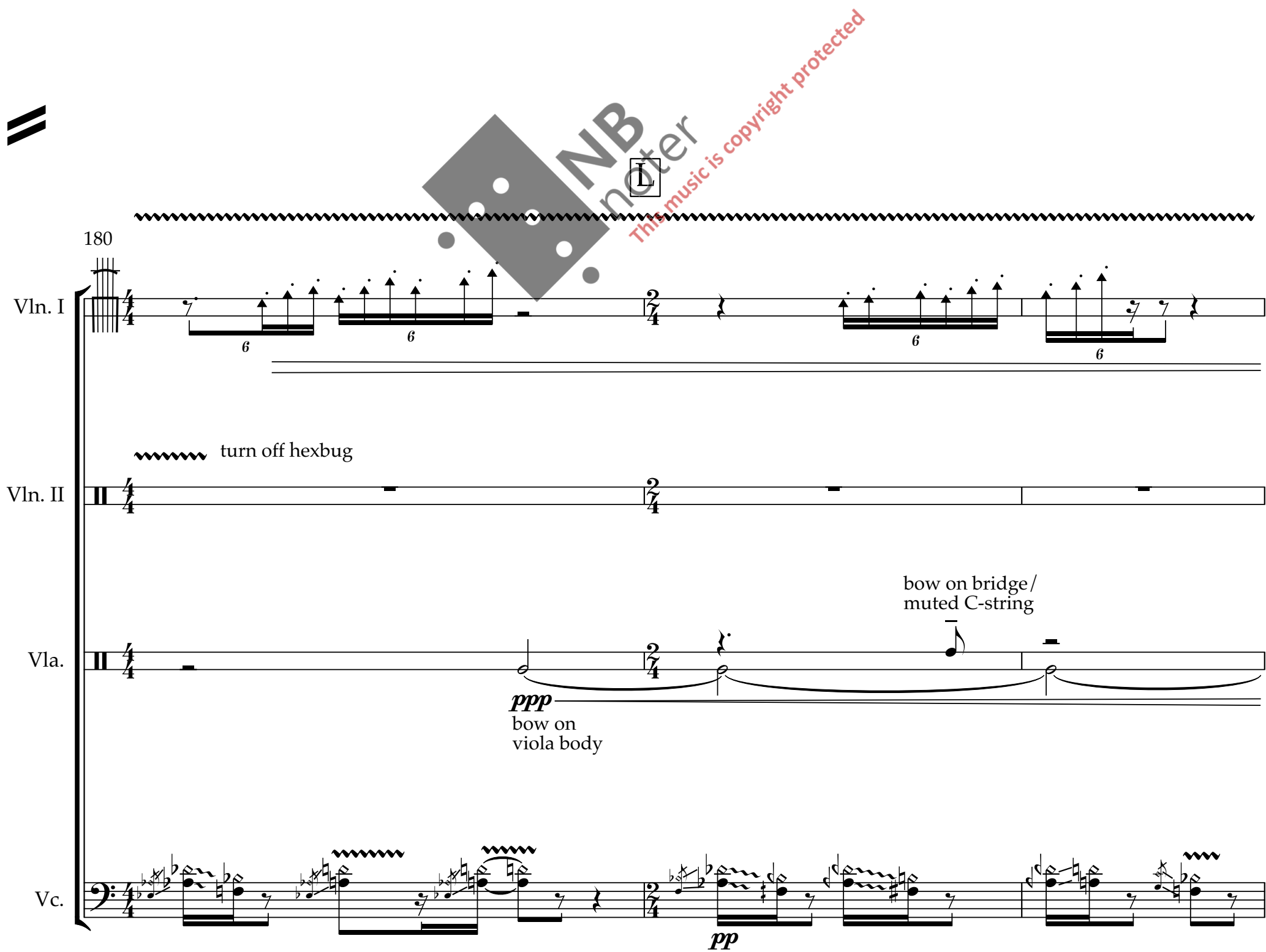
Vc.

turn off hexbug

bow on bridge /
muted C-string

ppp
bow on
viola body

pp



183

Vln. I

6 6 6 6 *ppp*

Vln. II

bow on bridge/
muted G-string

bow on
violin body

p

Vla.

sim.

p

Vc.

3

bow on cello body

187

Vln. I

Vln. II

Vla.

rubato

ppp

3

bow on bridge/
muted C-string

bow on bridge/
muted C-string

bow on
viola body

p

Vc.

p

sim.

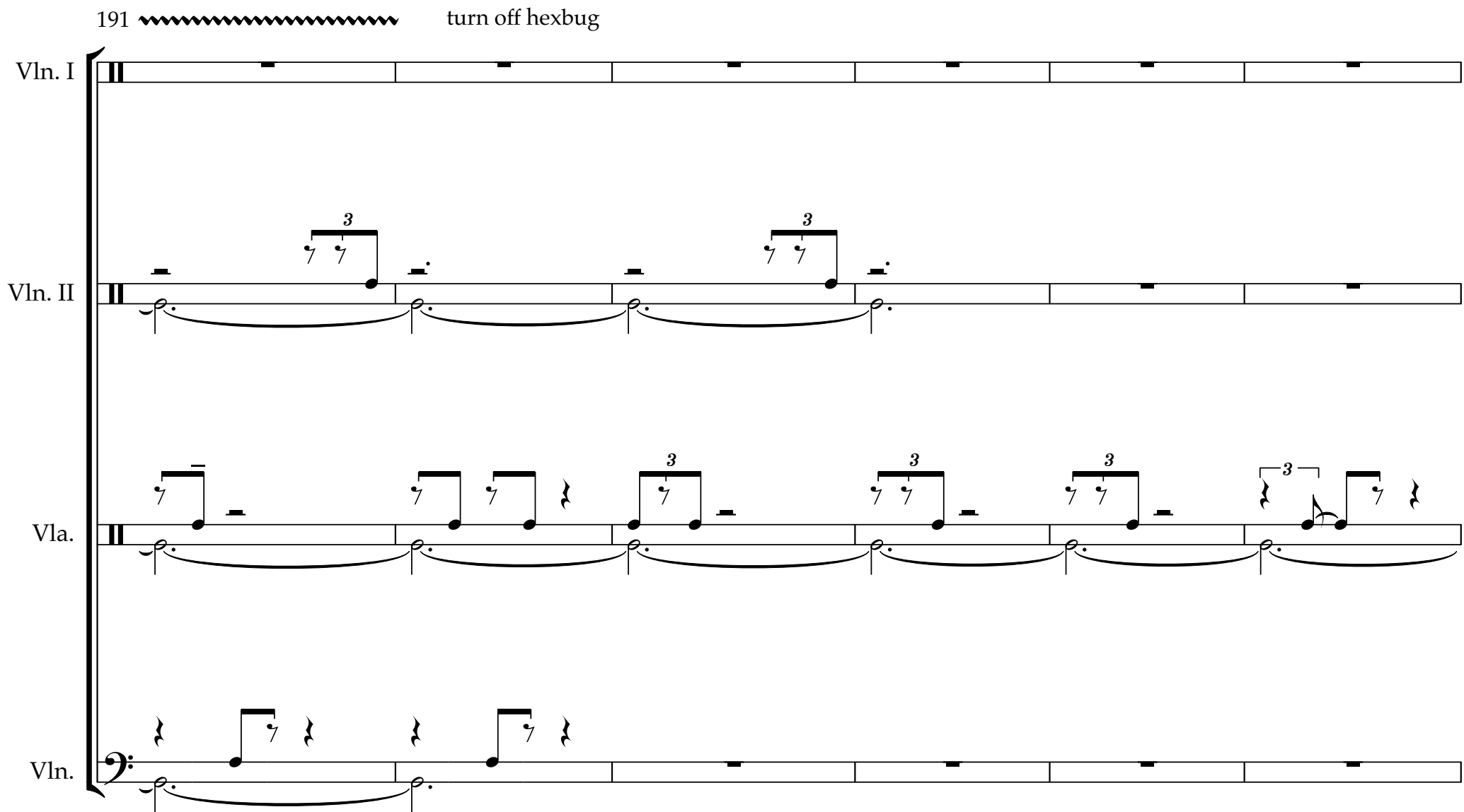
191  turn off hexbug

Vln. I

Vln. II

Vla.

Vln.



197

M

Vln. I

Vln. II

Vla.

Vc.

crini jeté on violin body

mp

pp

p

bow on violin body

bow on bridge/
muted G-string

crini jeté on violin body

mp

crini jeté on violin body

mp

pp

p

bow on violin body

crini jeté on violin body

mp

crini jeté on viola body

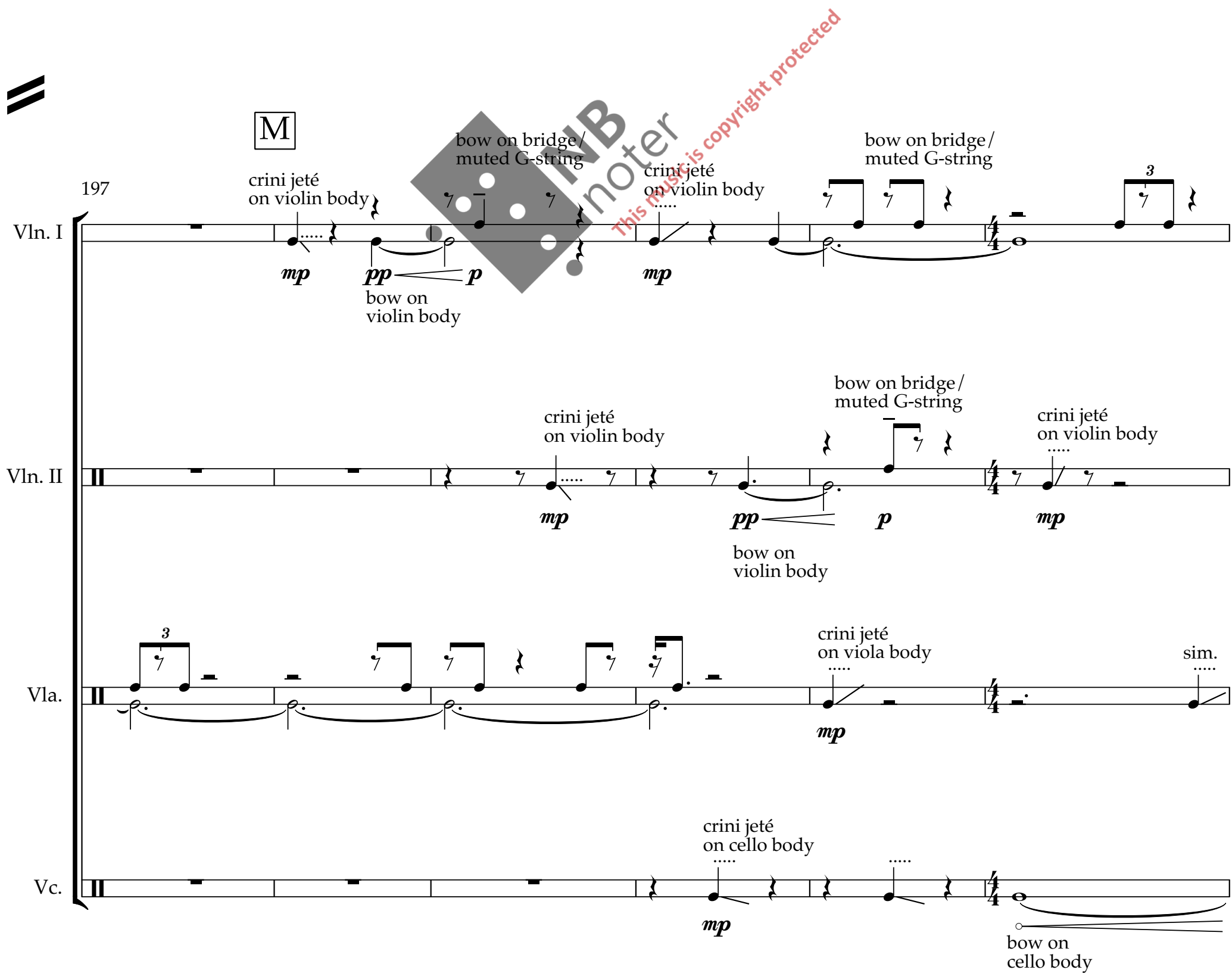
mp

sim.

crini jeté on cello body

mp

bow on cello body



203

Vln. I

crini jeté on violin body

mp

bow on bridge / muted G-string

3

Vln. II

bow on bridge / muted G-string

mp

crini jeté on violin body

3

Vla.

bow on bridge / muted C-string

mp

crini jeté on viola body

mp

bow on bridge / muted C-string

Vc.

bow on bridge / muted C-string

mp

sim.

3

crini jeté on cello body

.....

208

Vln. I

crini jeté on violin body

.....

Vln. II

1st and 2nd time only, 3rd time prepare vocoder

crini jeté on violin body

.....

Vla.

crini jeté on viola body

3

bow on bridge / muted C-string

Vc.

crini jeté on cello body

.....

Repeat 3 times

N

O

prepare the violin with a 20 cm, 3mm knitting needle of metal,

♩ = 66

start to sing / play vocoder, see own score, tempo 66

214 ♩ = 100

P

continue playing until vocoder is finished, quit together soon after

Vln. I

mf/mp

(♩ = 66)
continue playing until vocoder is finished, quit together soon after

Vln. II

Vla.

pizz
with 2 fingers,
intense and hectic

listen to the recording of the **Banjo frog**
imitate the call.
microtonal ambitus between H - to C#

add accents ad lib.

Vc.

tremolo with
plastic chopstick
between strings,
intense and hectic

continue playing until vocoder is finished, quit together soon after

mf/mp



219

Vln. I

Vln. II

Vla.

Vc.

224

Vln. I

Vln. II

Vla.

Vc.

228

Vln. I

Vln. II

Vla.

Vc.

232

Vln. I

Vln. II

Vla.

Vc.

236

Vln. I

Vln. II

Vla.

Vc.



239

Vln. I

Vln. II

Vla.

Vc.



242

Vln. I

Vln. II

Vla.

Vc.

246

Vln. I

Vln. II

Vla.

Vc.

250

Vln. I

Vln. II

Vla.

Vc.

254

Vln. I

Vln. II

Vla.

Vc.

258

Vln. I

Vln. II

Vla.

Vc.

262

Vln. I

Vln. II

Vla.

Vc.

267

Vln. I

Vln. II

Vla.

Vc.

271

Vln. I

Vln. II

Vla.

Vc.

274

Vln. I

Vln. II

Vla.

Vc.

Habitat

♩ = 66

Kristine Tjøgersen 2022

dreamy and beautiful

Voice

MicroKorg A.86
Vocoder, prog. 6

micro
KORG

9

Voice

Synth.

17

Voice

Synth.

27

Voice

Synth.