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Perigee-Syzygy

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Publication Date
2020

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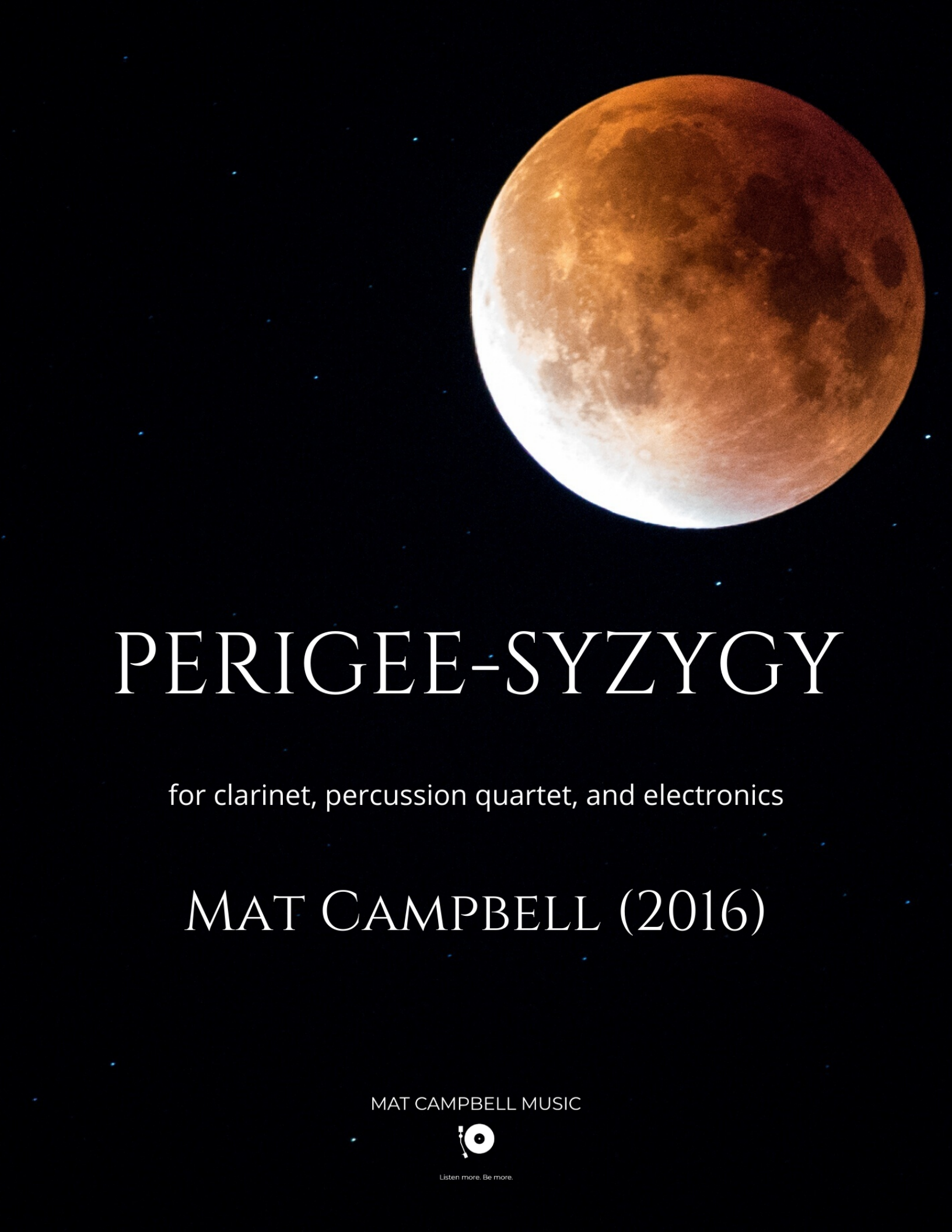

PERIGEE-SYZYGY

for clarinet, percussion quartet, and electronics

Mat Campbell (2016)

MAT CAMPBELL MUSIC

Listen more. Be more.

Composer's Notes (may also be used as program notes):

Perigee-Syzygy is a work inspired by the tetrad of super moons in 2015. The music stems from various influences such as Steve Reich, Music, Vienna Teng, and Sō Percussion. The music mixes traditional chamber music, electronic dance music, and sampling to create an ever-changing atmosphere. My goal in this piece was to create and aural and visual effect and visual effect unlike any other that I've experienced. I included the use of lightbulbs to represent the different sections of the piece and the progression of the moon around the Earth at the time of eclipse. Also included is sunlight from an off-stage projector.

The opening track sets the tone of the piece through use of synthesized sounds and spoken word. As the track gains momentum, there is a seamless transition to bring the acoustic instruments into the foreground. While the clarinet soars over the texture of the keyboard instruments, electronic tracks marry the acoustic lines to create a linear and dense atmosphere. In *Section II: Perigee,* the music introduces sampled elements such as words and notes from the original source material in the beginning track. Canons in the pianos and vibraphones lead the listener into a new dynamic and feel: *Section III: Syzygy.* This section is five-minute EDM track that is inspired by Steve Reich's *City Life.* The entire section is modeled after popular songs by artists such as Daft Punk. a unique part of the section is that the clarinet player is also required to play on a trigger pad that plays spoken word samples.

After this section, the solo clarinet brings in *Section IV: Supermoon.* This part of the piece is the only one without a steady track accompanying the live performers. This section is about the moon's short to red-orange as it travels behind the Earth to capture the sun's light through the atmosphere. The track, together with the performers, builds into the climax of the piece. After the climax fades away, the opening three notes from Richard Strauss's *Also Sprach Zarathustra* can be heard before the music transitions into *Section V: Perigee (Reprise).* This section uses the same track as *Section II,* but the acoustic instruments provide a waltz-like landscape. After the reprise ends, thematic material from *Section III* returns and then the main theme (played by the clarinet) is heard for the final time. the opening material returns and the listener is taken back to the point of departure as the final moments of the piece fade away.

Perigee-Syzygy is dedicated to Iris Gracia Campbell.

Instrumentation and Equipment Needed:

B-flat clarinet

2 marimbas (one 5-octave, one 4.5-octave), 2 standard vibraphones, 2 pianos, 2 djembes, 2 multiple percussion set-ups (snare drum, kick drum, brake drum, ribbon crasher, two bongos, G and C crotales - low octave),

Speakers

Laptop with MASCHINE Software, MASCHINE Hardware (does not have to be MASCHINE by Native Instruments - may be any similar MIDI Controller and Hardware)

6 lamps - without lampshades (including one with a red bulb next to the clarinetist)

Biography:

Mathew Aaron Campbell (b. 1992) is a native of Deep South Texas. His musical training started at the age of eight when he took piano lessons followed by informal lessons on how to play drumset. His studies continued through middle school and high school with percussion as his primary instrument. He is an **alumnus** of The University of Texas Rio Grande Valley, and studied percussion and composition with **Dr. Joe Moore III**. As an award-winning composer, Mathew has had many collaborative projects with various educators throughout the nation. His passion for composing and conducting led to conducting world premieres with various student ensembles at the state and national levels. He has conducted his works at The National Flute Convention in 2013, ClarinetFest in 2016, the Texas Music Educator's Conference in 2015-2017, and many of his works were premiered at UTRGV throughout his undergraduate studies. He is a proud member of the Pi Kappa Lambda Society - Alpha Upsilon Chapter. His piece ***Into the Void: A Study in Disembodied Consciousness*** was awarded first prize in the SATB Chorus and Percussion (3-5 Players) Category of the 2015 Percussive Arts Society Composition Contest. His music is self-published and also available through **C. Alan Publications**.

Mathew is a founding member of **The Uptown Collective**.
Most recently, Mr. Campbell graduated from **Oklahoma City University** earning a double MM in Music Composition and Wind Conducting under the tutelage of Dr. Edward Knight and Dr. Matthew Mailman, respectively.

Score

Perigee-Syzygy

for percussion quartet, clarinet, and electronics

Mat Campbell

Prologue ~ 70 seconds

MASCHINE Pad 16

(1:10 - ♩ = 94)

Clarinet in B♭

niente

low bass drum hits

mf

Vibraphone 1

low bass drum hits

mf

Vibraphone 2

low bass drum hits

mf

Marimba 1

low bass drum hits

mf

Marimba 2

low bass drum hits

mf

Section I: Revolutions

Con Moto ♩ = 94

B♭ Cl.

pp ***mp***

Vib. 1

2 rubber mallets

pp *cresc.* ***mp*** *dim.* ***pp*** *cresc.* ***mp*** *dim.*

Vib. 2

2 rubber mallets

pp *cresc.* ***mp*** *dim.* ***pp*** *cresc.* ***mp*** *dim.*

Mrb. 1

8va

2 rubber mallets

pp *cresc.* ***mp*** *dim.* ***pp*** *cresc.* ***mp*** *dim.*

Mrb. 2

2 rubber mallets

pp *cresc.* ***mp*** *dim.* ***pp*** *cresc.* ***mp*** *dim.*

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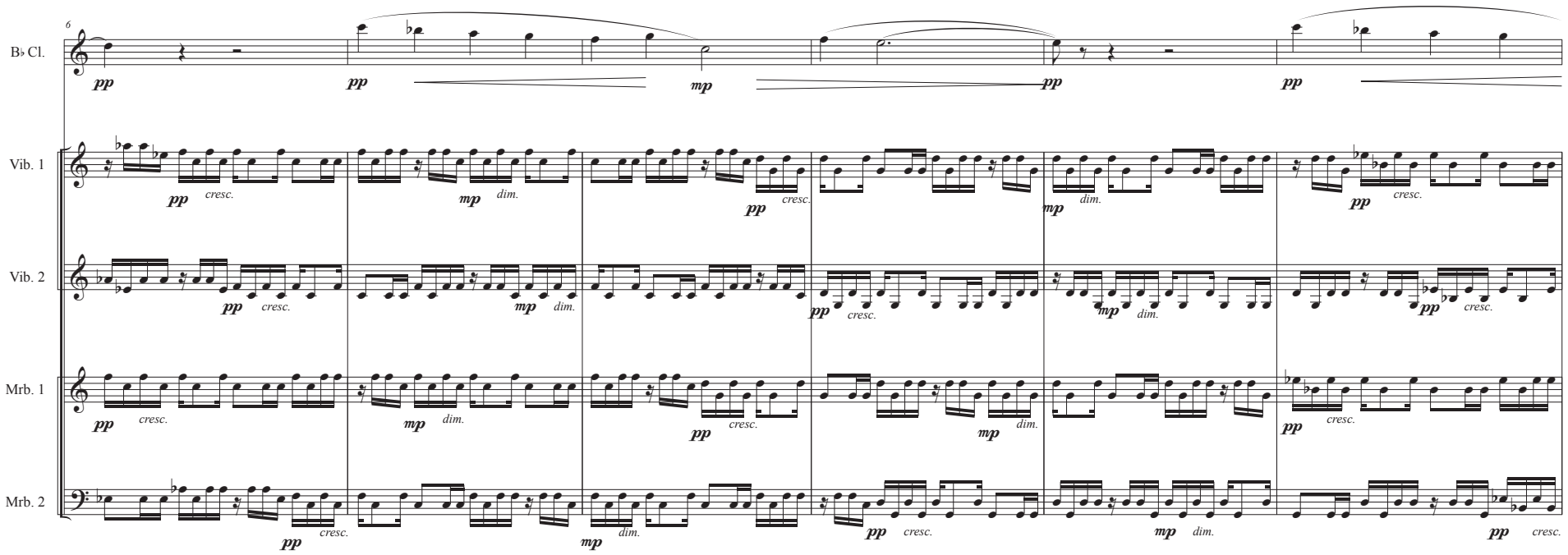
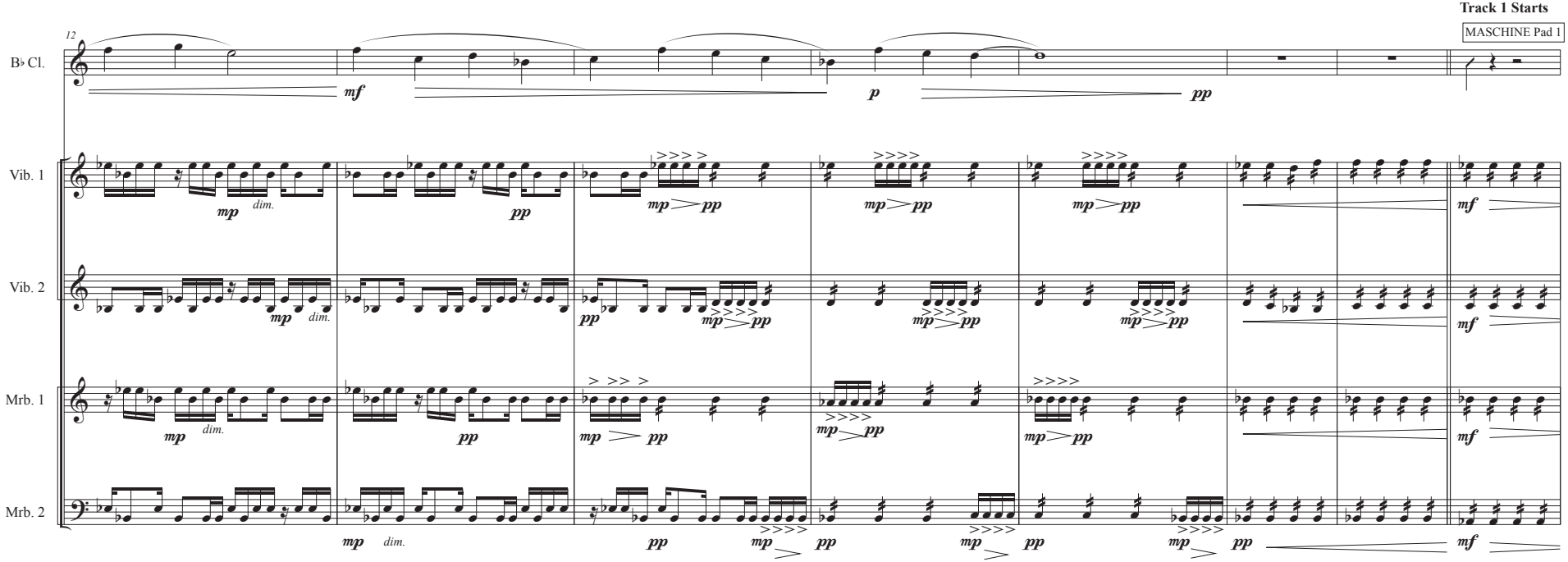
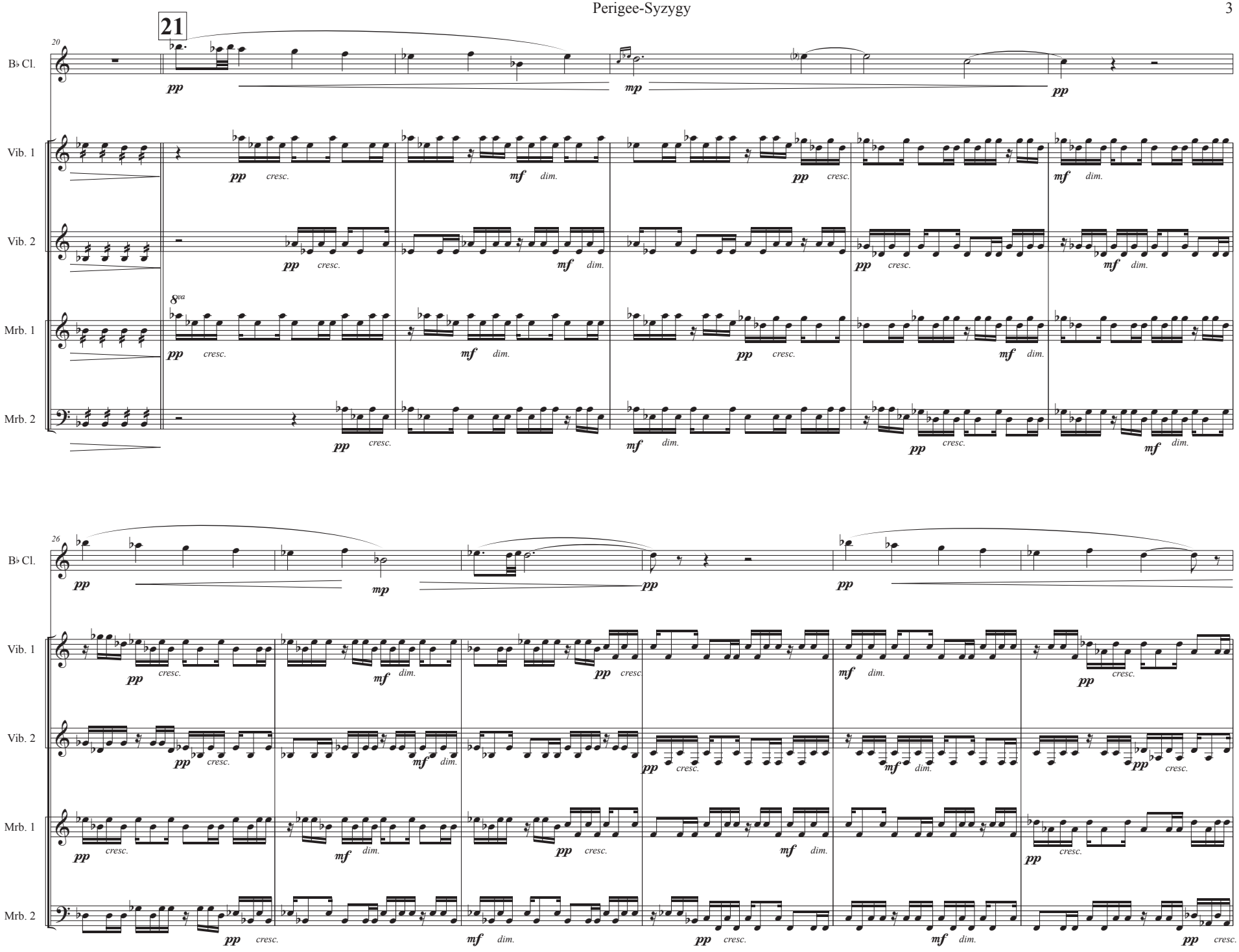
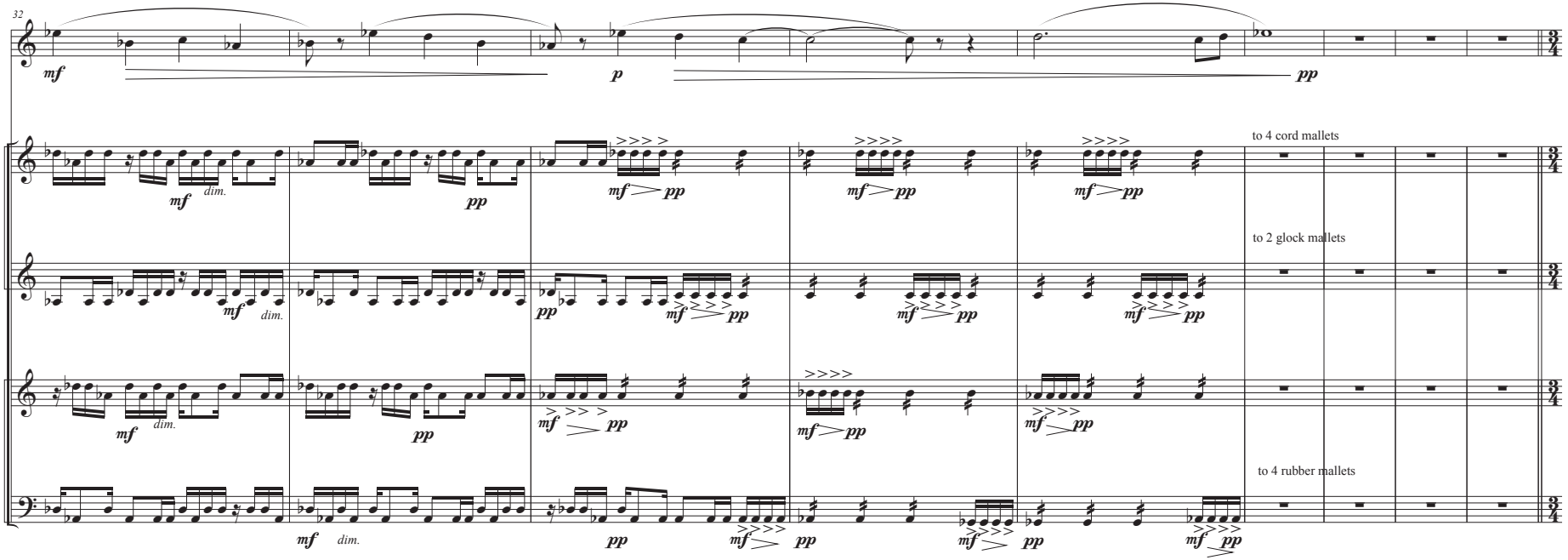
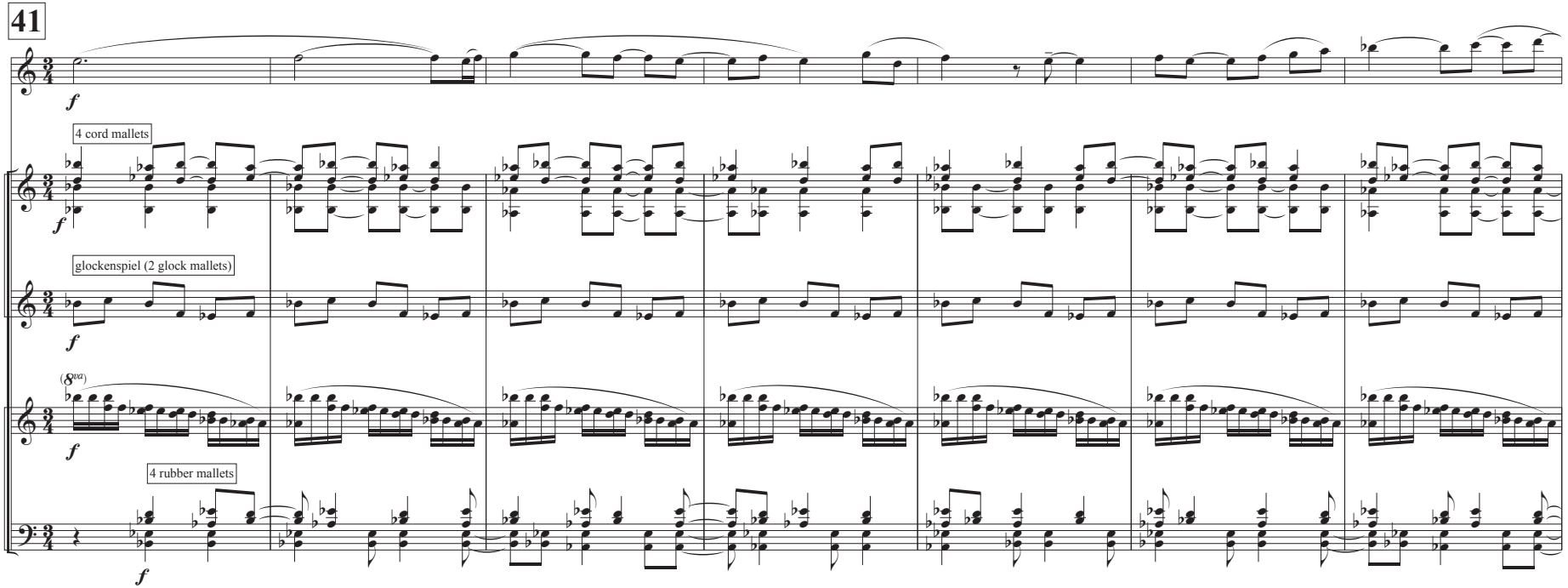
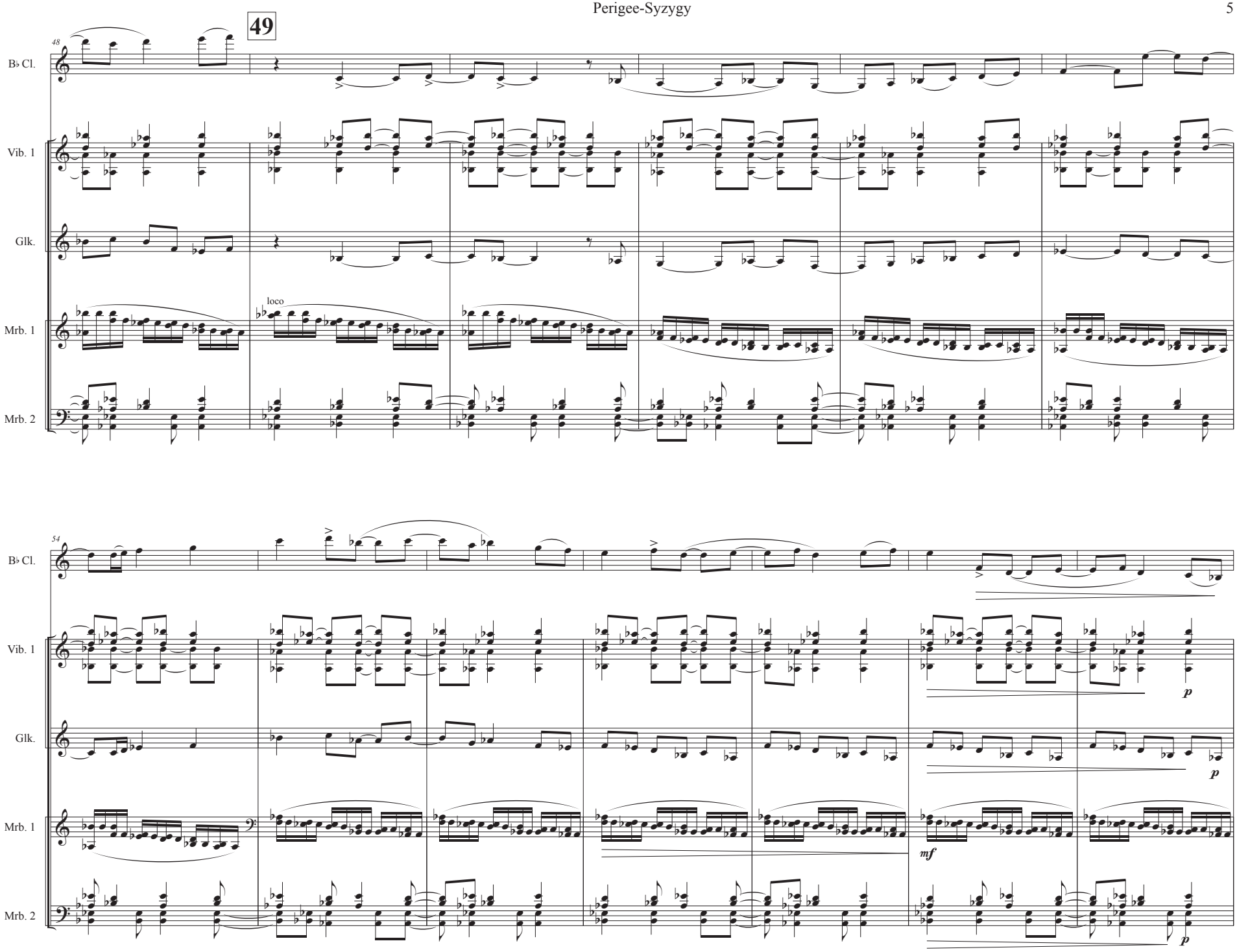

6
B♭ Cl.
Vib. 1
Vib. 2
Mrb. 1
Mrb. 2
pp
cresc.
mp
dim.

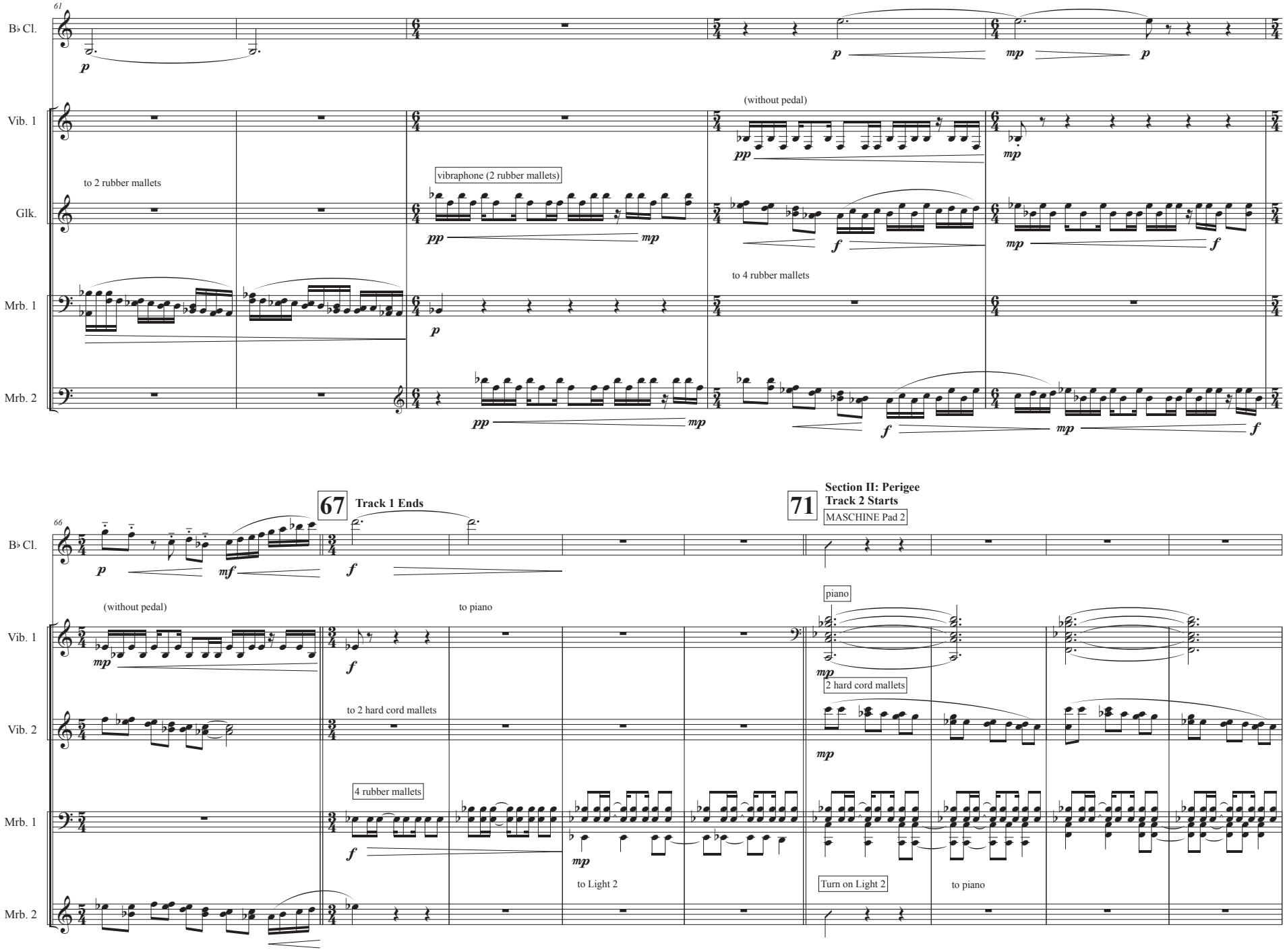

12
B♭ Cl.
Vib. 1
Vib. 2
Mrb. 1
Mrb. 2
mf
p
pp
mp
dim.
Track 1 Starts
MASCHINE Pad 1

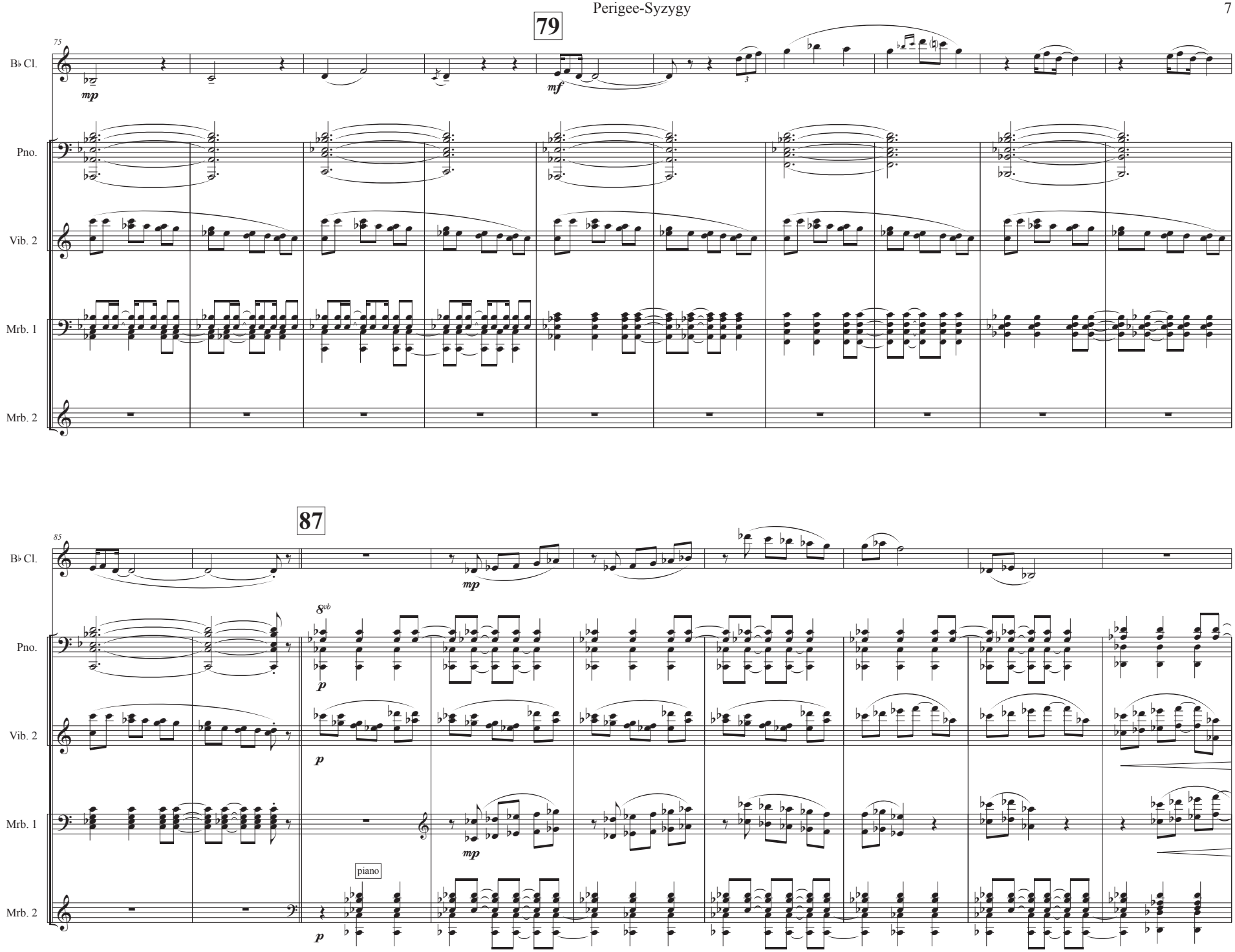

21
20
B♭ Cl.
Vib. 1
Vib. 2
8va
Mrb. 1
Mrb. 2
pp cresc.
mf dim.
mp
26

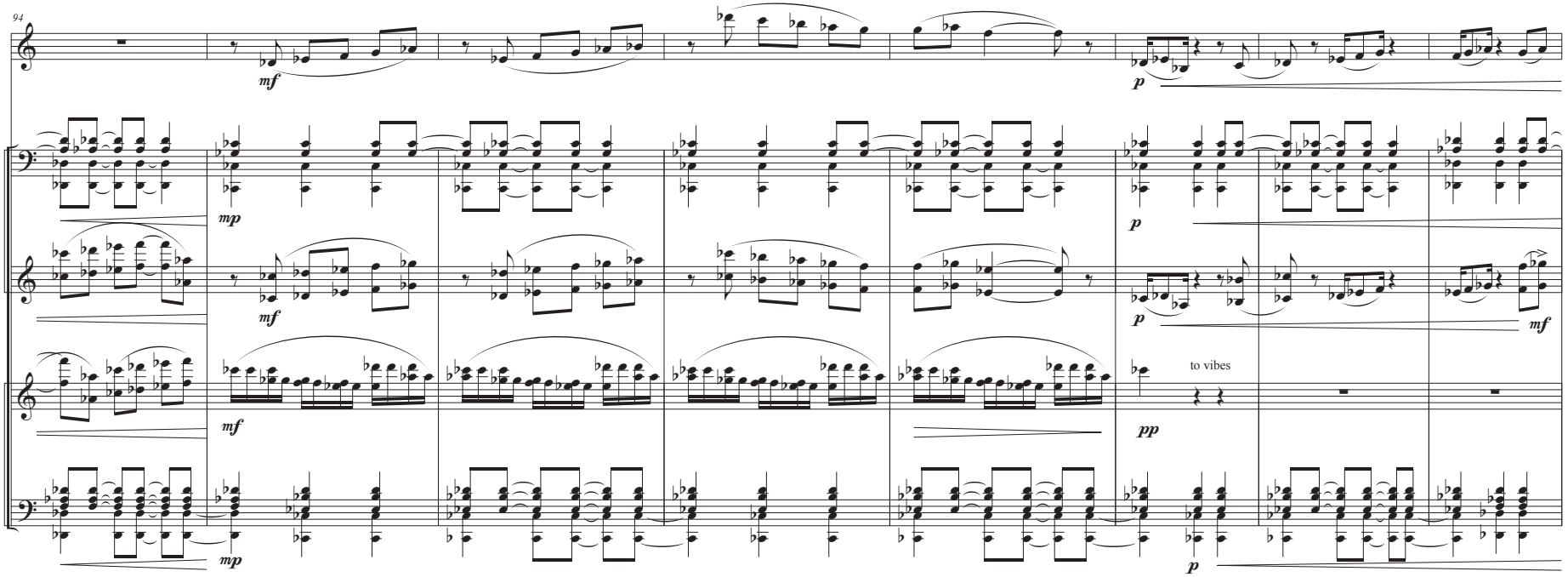

32
B♭ Cl.
Vib. 1
Vib. 2
Mrb. 1
Mrb. 2
to 4 cord mallets
to 2 glock mallets
to 4 rubber mallets

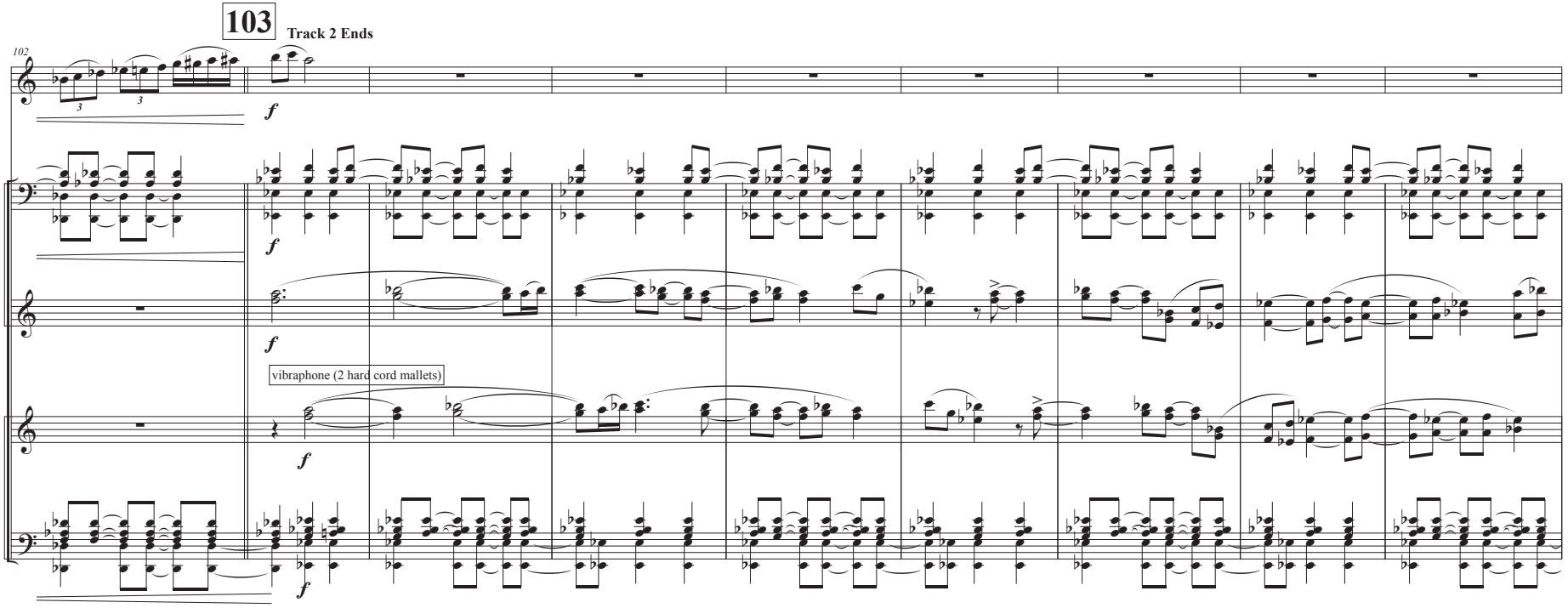

41
B♭ Cl.
4 cord mallets
Vib. 1
glockenspiel (2 glock mallets)
Glk.
(8va)
Mrb. 1
4 rubber mallets
Mrb. 2

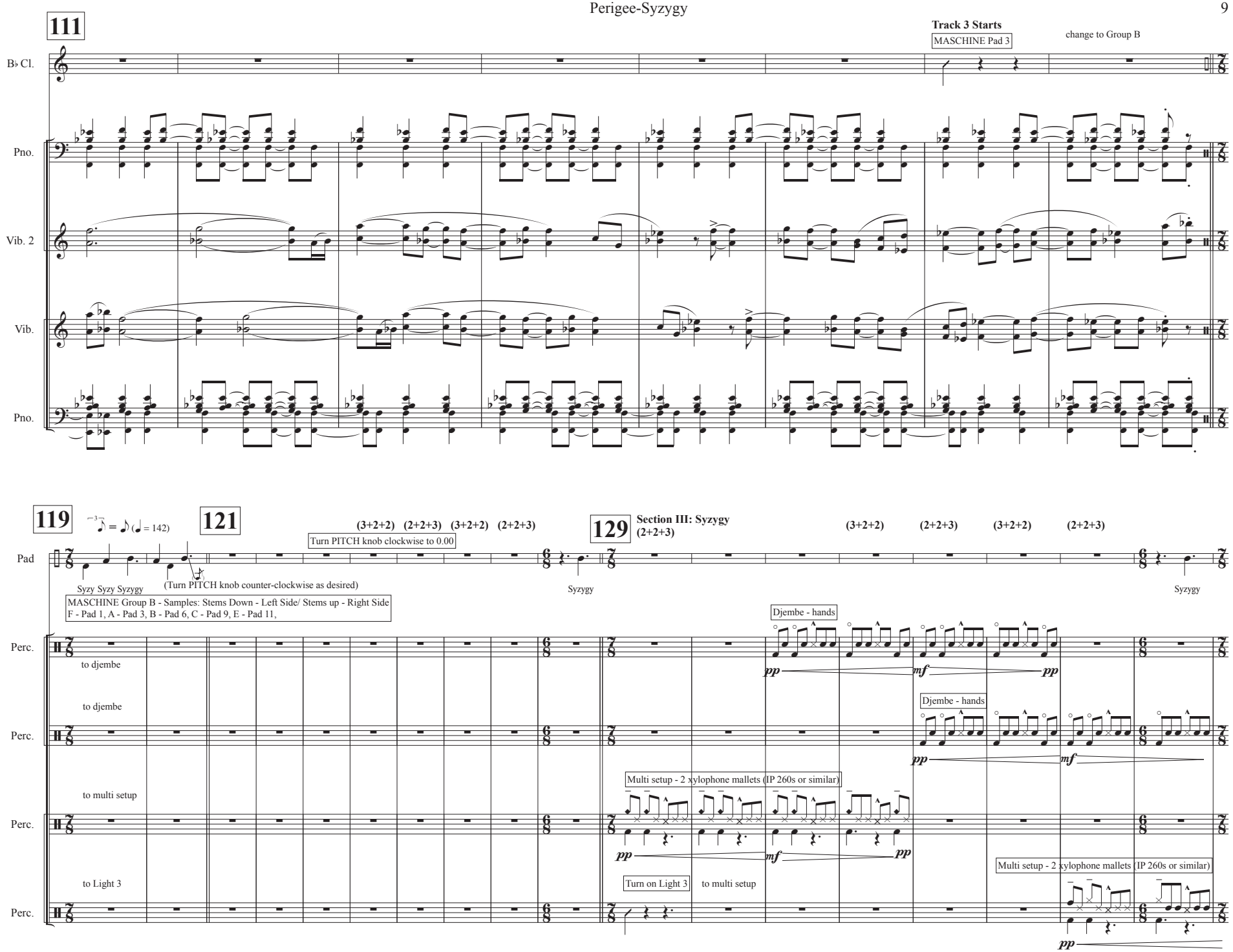

49
48
B♭ Cl.
Vib. 1
Glk.
Mrb. 1
Mrb. 2
loco
54
B♭ Cl.
Vib. 1
Glk.
Mrb. 1
Mrb. 2
p
p
mf
p


61
B♭ Cl.
Vib. 1
Glk.
Mrb. 1
Mrb. 2
p
mp
p
(without pedal)
pp
mp
to 2 rubber mallets
vibraphone (2 rubber mallets)
pp
mp
f
mp
f
to 4 rubber mallets
p
pp
mp
f
mp
f
66
67
Track 1 Ends
71
Section II: Perigee
Track 2 Starts
MASCHINE Pad 2
B♭ Cl.
p
mf
f
(without pedal)
to piano
piano
Vib. 1
mp
f
mp
2 hard cord mallets
Vib. 2
to 2 hard cord mallets
mp
4 rubber mallets
Mrb. 1
f
mp
to Light 2
Turn on Light 2
to piano
Mrb. 2

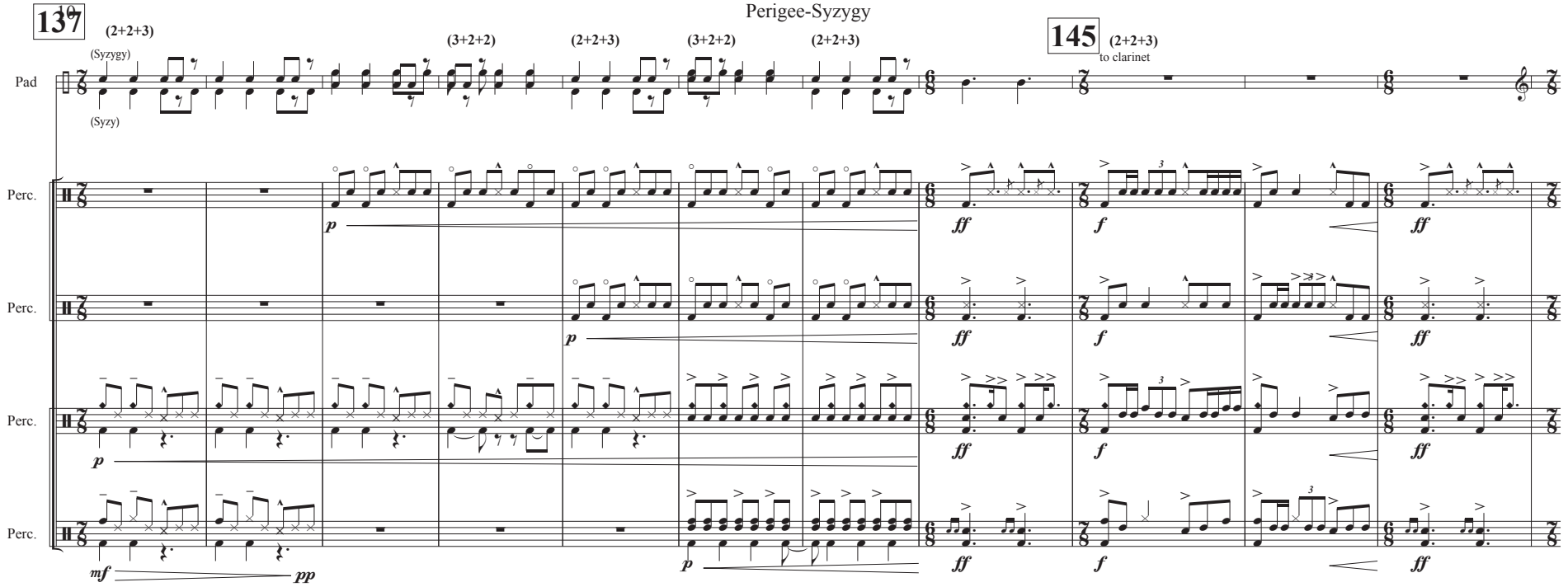

79
75
B♭ Cl.
Pno.
Vib. 2
Mrb. 1
Mrb. 2
mp
mf
87
85
8vb
p
mp
piano

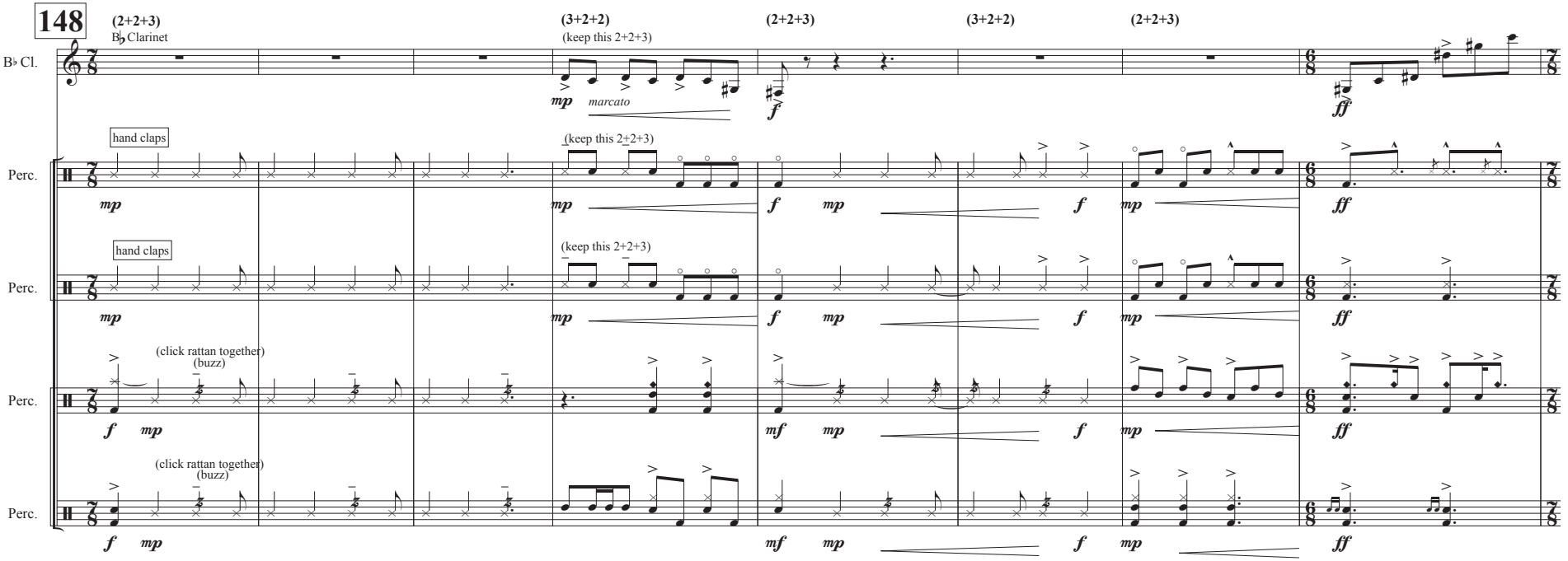

94
B♭ Cl.
Pno.
Vib. 2
Mrb. 1
Pno.
mf
mp
p
to vibes
pp

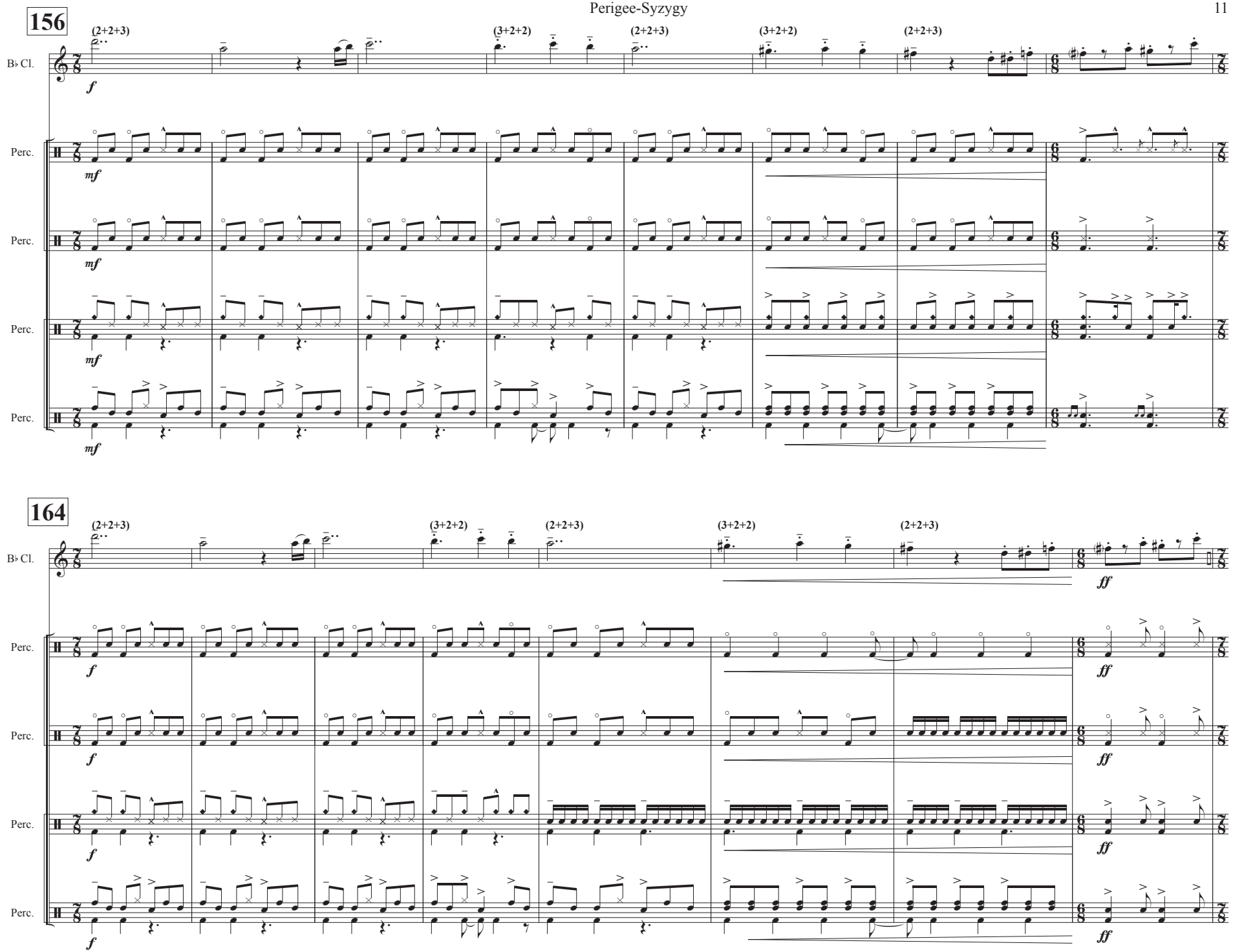

103
Track 2 Ends
102
B♭ Cl.
Pno.
Vib. 2
Mrb. 1
Pno.
f
vibraphone (2 hard cord mallets)

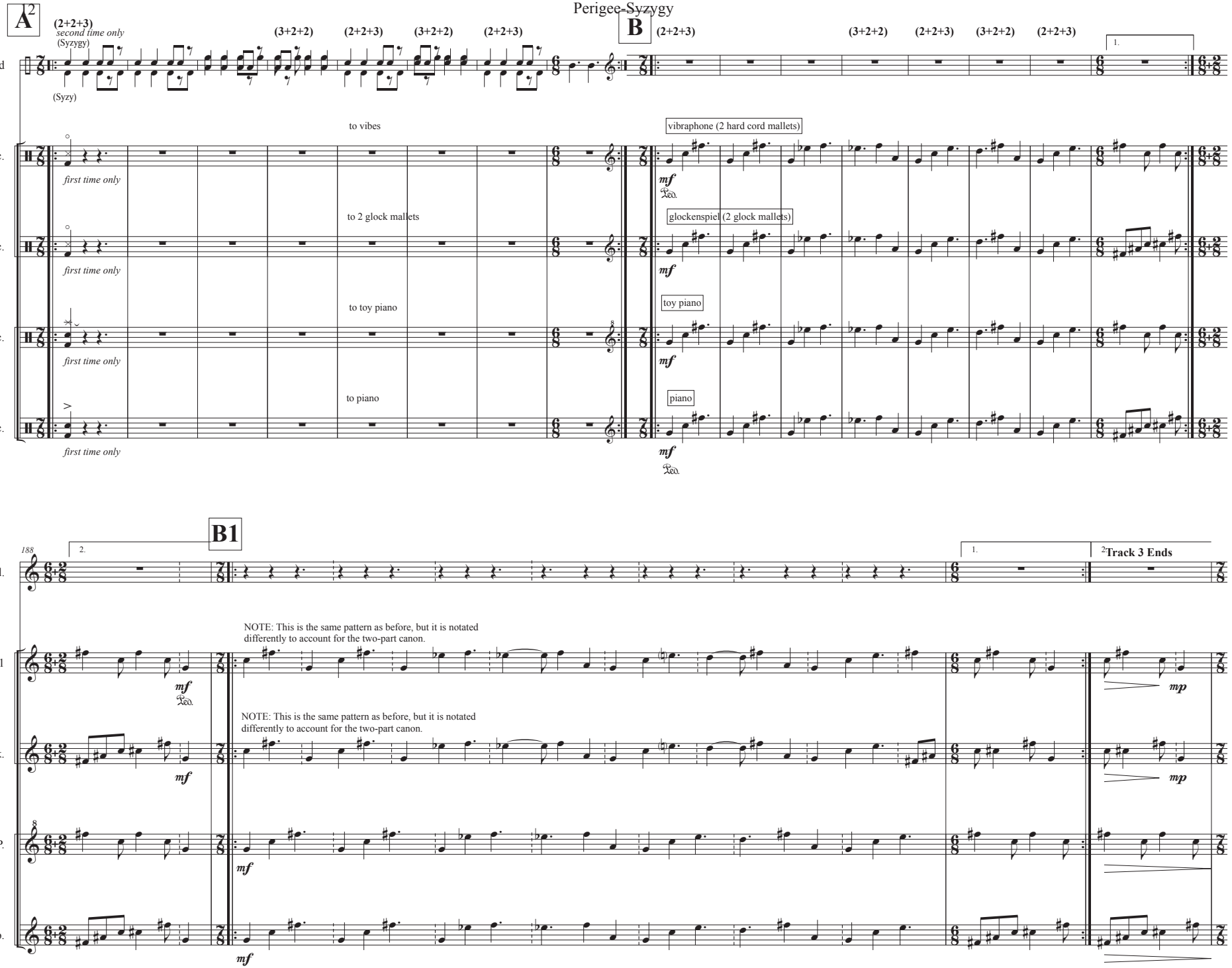

111
Track 3 Starts
MASCHINE Pad 3
change to Group B
B♭ Cl.
Pno.
Vib. 2
Vib.
Pno.
119
♪ = ♪ (♩ = 142)
121
(3+2+2) (2+2+3) (3+2+2) (2+2+3)
Turn PITCH knob clockwise to 0.00
129
Section III: Syzygy
(2+2+3)
(3+2+2) (2+2+3) (3+2+2) (2+2+3)
Pad
Syzy Syzy Syzygy
(Turn PITCH knob counter-clockwise as desired)
Syzygy
Syzygy
MASCHINE Group B - Samples: Stems Down - Left Side/ Stems up - Right Side
F - Pad 1, A - Pad 3, B - Pad 6, C - Pad 9, E - Pad 11,
Djembe - hands
Perc.
to djembe
pp
mf
pp
Djembe - hands
Perc.
to djembe
pp
mf
Multi setup - 2 xylophone mallets (IP 260s or similar)
Perc.
to multi setup
pp
mf
pp
Multi setup - 2 xylophone mallets (IP 260s or similar)
Turn on Light 3
to multi setup
Perc.
to Light 3
pp

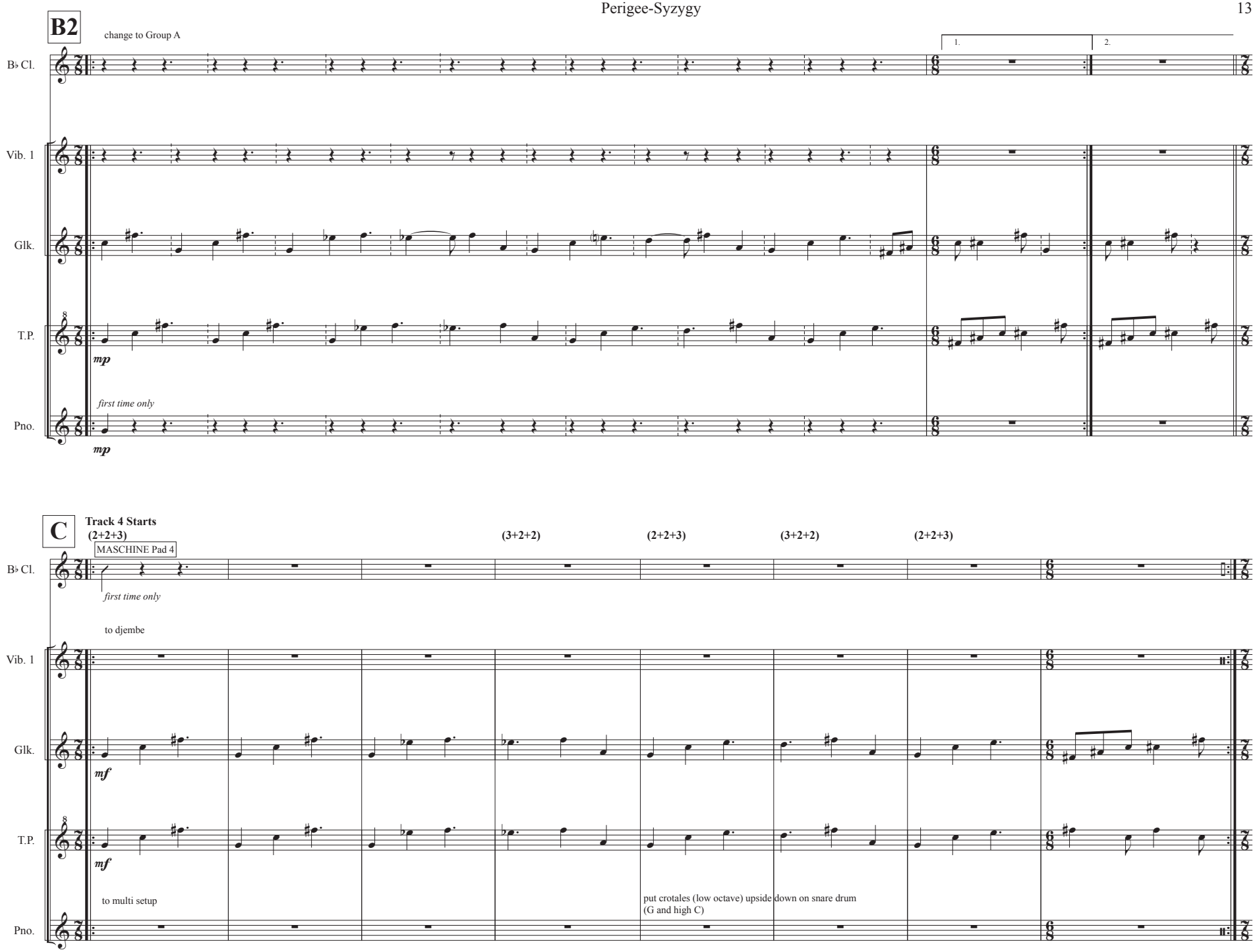
Perigee-Syzygy






156
(2+2+3)
(3+2+2)
(2+2+3)
(3+2+2)
(2+2+3)
B♭ Cl.
Perc.
Perc.
Perc.
Perc.
f
mf
mf
mf
mf
164
(2+2+3)
(3+2+2)
(2+2+3)
(3+2+2)
(2+2+3)
B♭ Cl.
Perc.
Perc.
Perc.
Perc.
f
f
f
f
ff
ff
ff
ff


A2
(2+2+3)
second time only
(Syzygy)
(3+2+2)
(2+2+3)
(3+2+2)
(2+2+3)
(Syzy)
B
(2+2+3)
(3+2+2)
(2+2+3)
(3+2+2)
(2+2+3)
1.
Pad
to vibes
vibraphone (2 hard cord mallets)
Perc.
first time only
mf
Ped.
to 2 glock mallets
glockenspiel (2 glock mallets)
Perc.
first time only
mf
to toy piano
toy piano
Perc.
first time only
mf
to piano
piano
Perc.
first time only
mf
Ped.
B1
188
2.
1.
2Track 3 Ends
B♭ Cl.
NOTE: This is the same pattern as before, but it is notated differently to account for the two-part canon.
Vib. 1
mf
Ped.
mp
NOTE: This is the same pattern as before, but it is notated differently to account for the two-part canon.
Glk.
mf
mp
T.P.
mf
Pno.
mf


B2
change to Group A
1.
2.
B♭ Cl.
Vib. 1
Glk.
T.P.
mp
first time only
Pno.
mp
C
Track 4 Starts
(2+2+3)
(3+2+2)
(2+2+3)
(3+2+2)
(2+2+3)
MASCHINE Pad 4
B♭ Cl.
first time only
to djembe
Vib. 1
Glk.
mf
T.P.
mf
to multi setup
put crotales (low octave) upside down on snare drum
(G and high C)
Pno.

Perigee-Syzygy

D

(2+2+3) (3+2+2) (2+2+3) (3+2+2) (2+2+3)

Pad

play only first four bars on repeat

1. 2.

second time only

Perc.

p

hand claps

ff

Glk.

(click rattan together)

T.P.

hand claps

second time only

Perc.

p

(click rattan together)

ff

E

(2+2+3) (3+2+2) (2+2+3) (3+2+2) (2+2+3)

B♭ Cl.

ff

1.

ff

Perc.

Glk.

ff

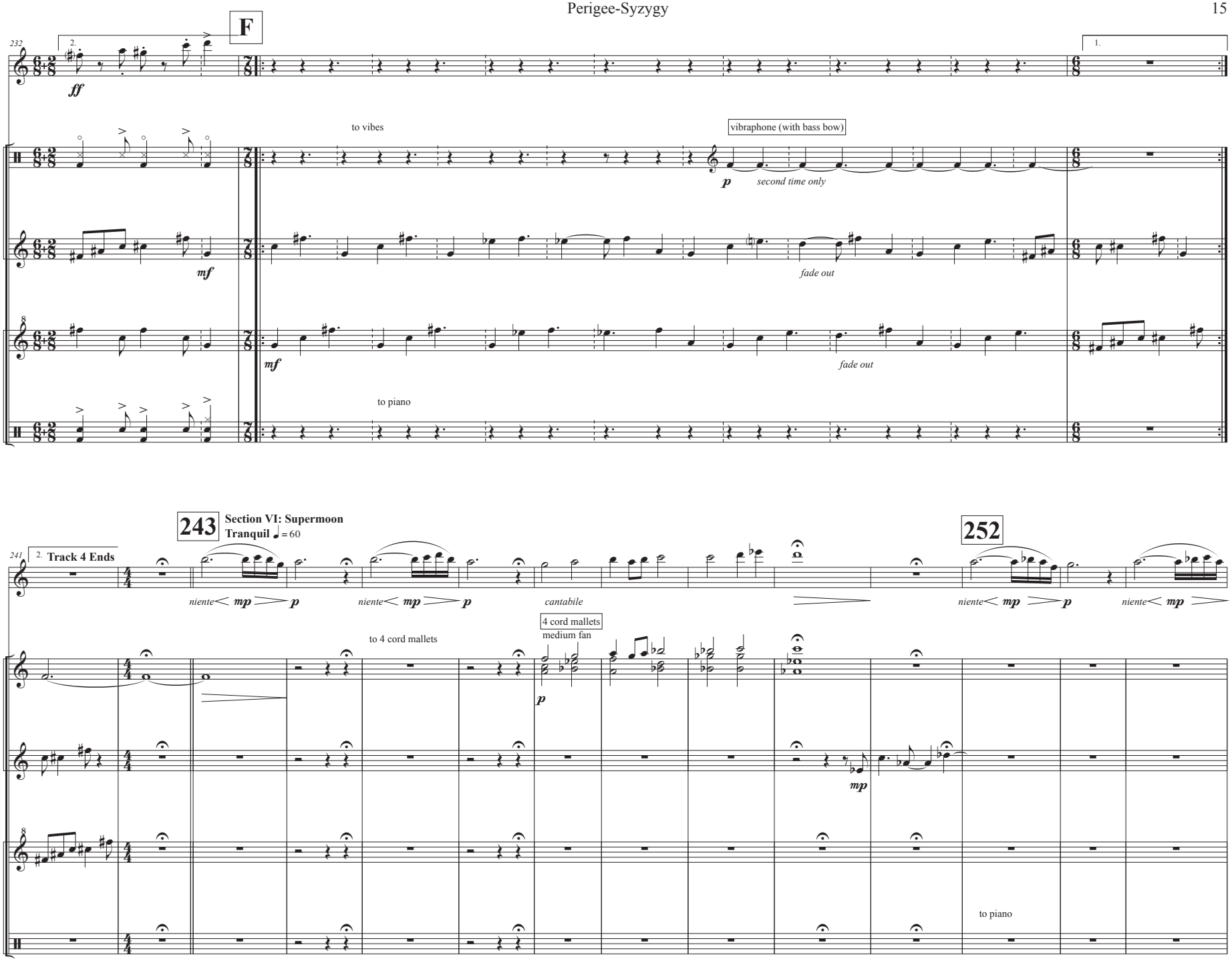
T.P.

ff

(crotales - G, C)

Perc.

r l r r l l r


F
232
2.
1.
B♭ Cl.
ff
Perc.
to vibes
vibraphone (with bass bow)
p
second time only
Glk.
mf
fade out
T.P.
mf
fade out
to piano
Perc.
243
Section VI: Supermoon
Tranquil ♩ = 60
241
2. Track 4 Ends
252
B♭ Cl.
niente mp p
niente mp p
cantabile
niente mp p
niente mp
4 cord mallets
medium fan
to 4 cord mallets
Vib. 1
p
Glk.
mp
T.P.
to piano
Perc.

259

Perigee-Syzygy

263

Building ♩ = 61

255

B♭ Cl.

p *cantabile* *niente* *mp*

Vib. 1

p Ped.

to melodica

melodica

mp

Glk.

p

mp

to marimba

marimba (4 yarn mallets)

T.P.

8

mf

mp

piano

Perc.

p Ped.

mf

p

mp

Track 5 Starts

MASCHINE Pad 5

265

B♭ Cl.

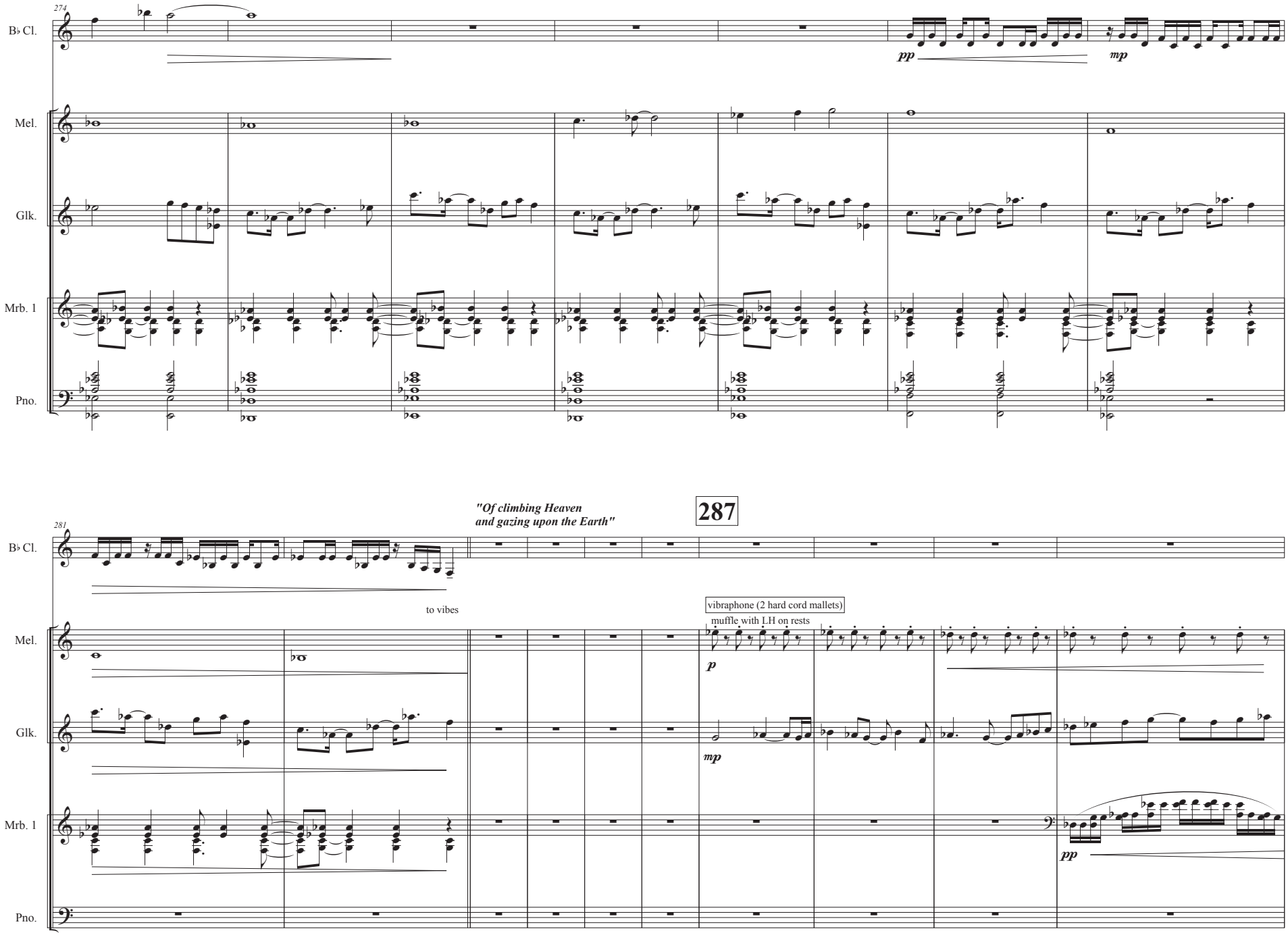
mp

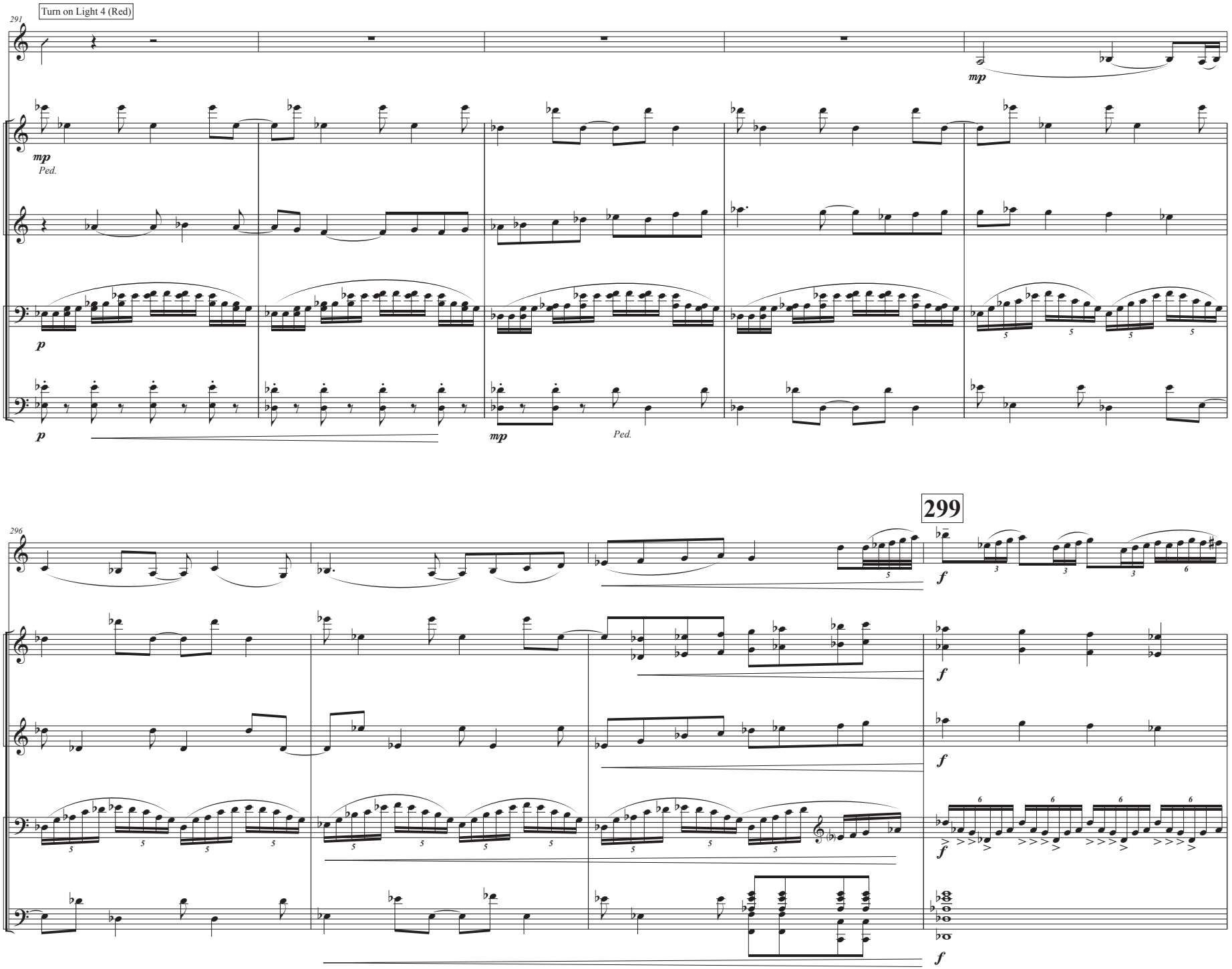
Mel.

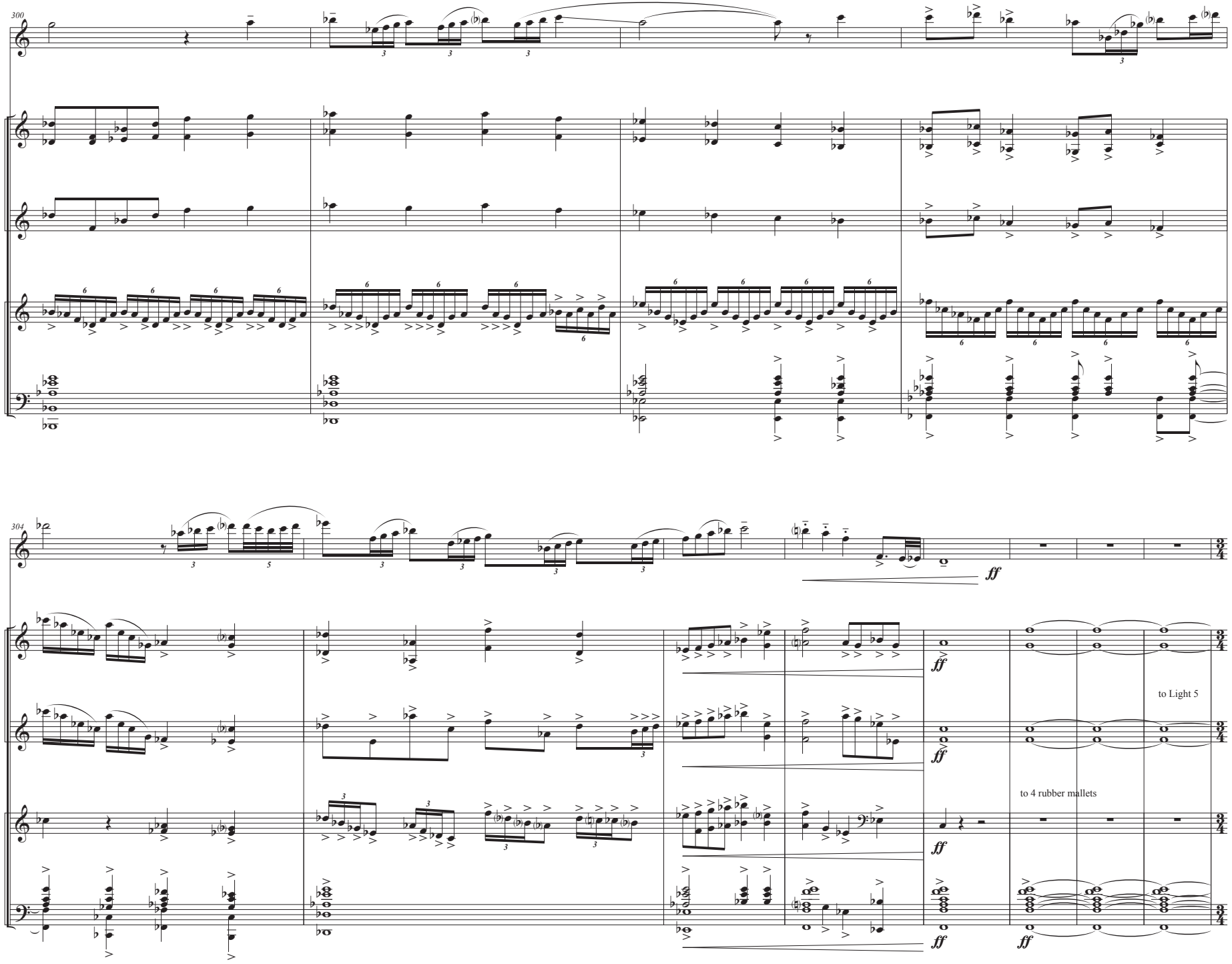
Glk.

Mrb. 1

Pno.


274
B♭ Cl.
Mel.
Glk.
Mrb. 1
Pno.
pp
mp
"Of climbing Heaven
and gazing upon the Earth"
287
281
to vibes
vibraphone (2 hard cord mallets)
muffle with LH on rests
p
mp
pp


Turn on Light 4 (Red)
291
B♭ Cl.
Vib. 1
Glk.
Mrb. 1
Pno.
mp
Ped.
p
mp
Ped.
296
299
f


300
B♭ Cl.
Vib. 1
Glk.
Mrb. 1
Pno.
304
B♭ Cl.
Vib. 1
Glk.
Mrb. 1
Pno.
ff
to Light 5
to 4 rubber mallets

Segue into Track 6

312 ♩ = 94

314

Section V: Perigee (Reprise)

B♭ Cl.

Vib. 1

Glk.

Mrb. 1

Pno.

2 hard cord mallets

Turn on Light 5

4 rubber mallets

to marimba

322

B♭ Cl.

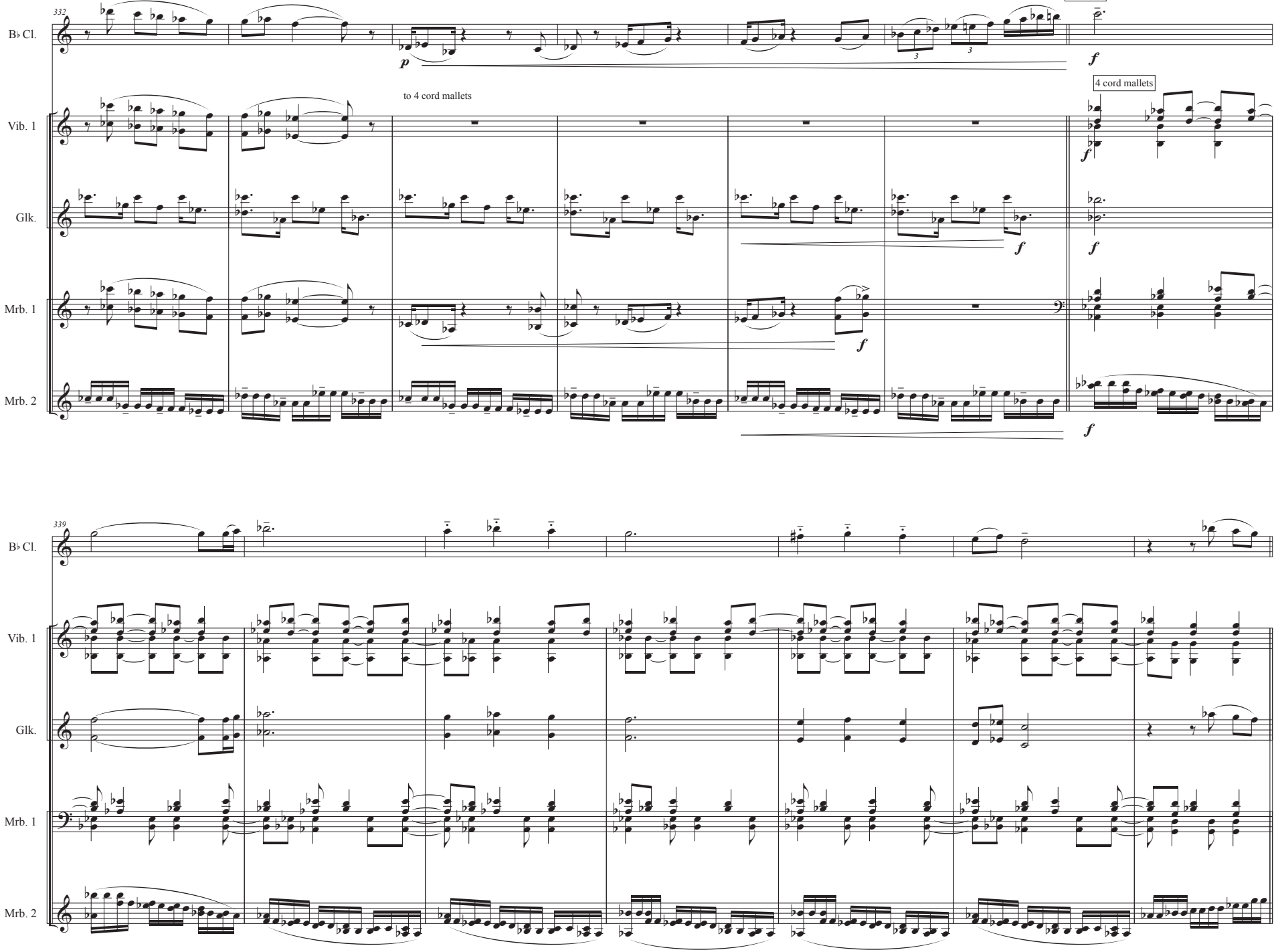
Vib. 1

Glk.

Mrb. 1

Mrb. 2

338


332
B♭ Cl.
Vib. 1
Glk.
Mrb. 1
Mrb. 2
p
f
to 4 cord mallets
4 cord mallets
339

346

B♭ Cl.
Vib. 1
Glk.
Mrb. 1
Mrb. 2

ff

353

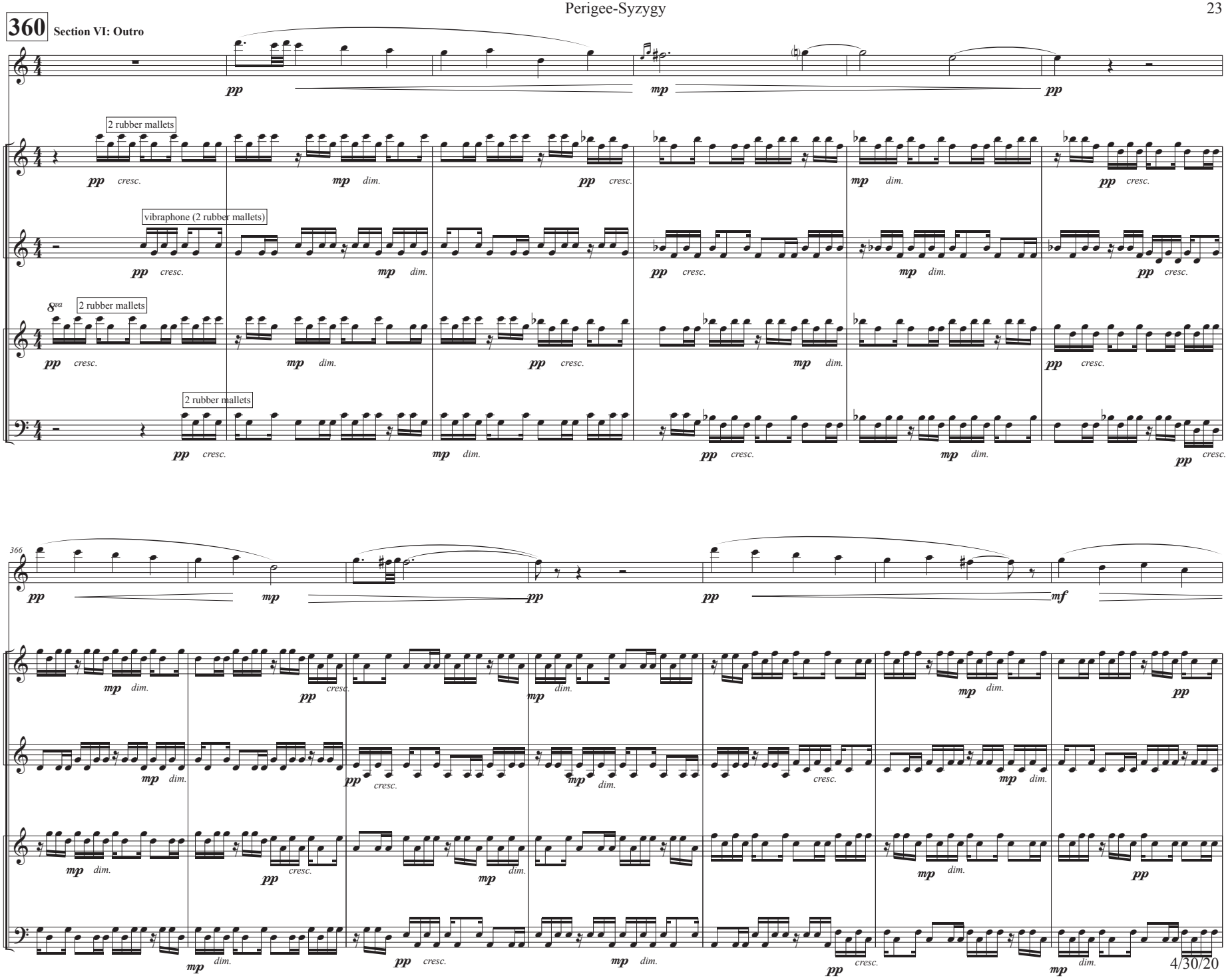
p

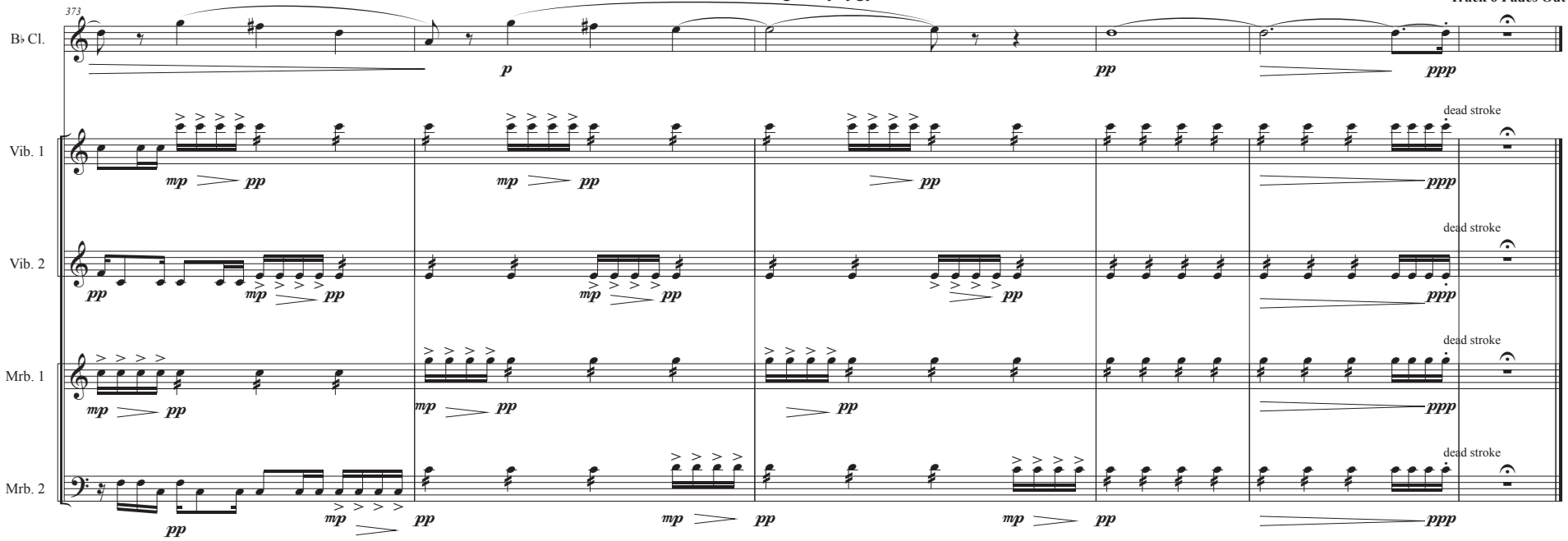
mf

to Light 6

Turn on Light 6

to 2 rubber mallets


360
Section VI: Outro
B♭ Cl.
Vib. 1
Vib. 2
Mrb. 1
Mrb. 2
2 rubber mallets
vibraphone (2 rubber mallets)
8va
366
pp
mp
mf
cresc.
dim.

Perigee-Syzygy

Track 6 Fades Out