

LANDSCAPES

BY

NICHOLAS CLINE

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Dr. Aaron Travers, Director of Thesis

NICHOLAS CLINE

Landscapes

for large orchestra

(2013)

Landscapes takes the listener through evolving soundscapes, that if listened to with programmatic intent, might suggest the slowness of glaciers or other geomorphic activity. The musical materials are derived from two - perhaps unlikely - sources. The pitches are drawn from my analysis of a toy piano's overtones (rendered as giant bells played by the orchestra), while the rhythmic-structural grid is an elaboration on *Io parto, e non più dissi* from Gesualdo's sixth book of madrigals. The dense, hyper-expressive world of Gesualdo is dilated in *Landscapes* where sharp contrasts and juxtapositions are translated into slow metamorphoses. The staggered entrances of voices and points of imitation become repeating rhythmic patterns.

Cast in a single movement, *Landscapes* begins with a series of bell-like chords - an orchestration of a toy piano note transposed down several octaves. Three flutes sparkle above the orchestra in lilting, interlocking patterns. Gradually their energy diminishes and they are folded into a kaleidoscopic texture of dynamic swells. The rhythmic energy returns in a percussive section with shifting tempos and trumpet fanfares that build towards the climax of the piece. The interlocking patterns from the beginning return in the percussion, however they are transformed as a series of alternating sections move progressively toward a noisier, rhythmic character. The two source materials of the piece appear united and unadorned at the close of the piece when the toy piano presents a brief quotation from Gesualdo's madrigal.

ORCHESTRA

3 flutes (3 doubles alto flute)
3 oboes (3 doubles English horn)
3 clarinets in B \flat (3 doubles bass clarinet)
3 bassoons (3 = contrabassoon)

4 horns in F
3 trumpets in B \flat
3 trombones
tuba

timpani

percussion (3 players)

1. crotales (two octaves), glockenspiel, low floor tom
2. coil springs (2), high anvils (2), vibraphone, bass drum
3. medium suspended cymbal, sizzle cymbal, tam-tam, maracas

piano (doubling toy piano or celesta)

harp

strings

The score is notated in C

*for my wife,
Mallory*

This page of a musical score contains measures 7 through 12. The instruments are arranged as follows:

- Flutes:** Fl. 1 and Fl. 2 play a melodic line starting in measure 7 with a *mp* dynamic. Fl. 3 enters in measure 9 with a *mp* dynamic.
- Woodwinds:** Oboe 1, 2, and 3; Clarinet 1, 2, and 3; Bassoon 1 and 2; and Contrabassoon are all marked with a rest (indicated by a horizontal line with a dash) throughout the entire passage.
- Brass:** Horns 1-4, Trumpets 1-3, Trombones 1-3, and Tuba are all marked with a rest.
- Timpani:** Marked with a rest.
- 打击乐 (Percussion):**
 - Perc. 1 (crotales) plays a rhythmic pattern starting in measure 7 with a *p* dynamic, then *mp* in measure 9, and *p* in measure 10.
 - Perc. 2 (arvils, coil springs) plays a rhythmic pattern starting in measure 7 with a *p* dynamic, then *mp* in measure 9, and *p* in measure 10.
 - Perc. 3 (suspended cymbal) plays a sustained, low-intensity sound starting in measure 7 with a *ppp* dynamic, then *pp* in measure 8, and *ppp* in measure 9, with a *mp* dynamic marking in measure 10.
- Keyboard:** Harpsichord (hp) and Piano (pno) play a sustained chordal texture starting in measure 7 with a *p* dynamic, then *p* in measure 9, and *pp* in measure 10.
- Strings:**
 - Vin. I and II play a sustained, low-intensity texture starting in measure 7 with a *pp* dynamic, then *p* in measure 8, *pp* in measure 9, and *pp* in measure 10. A *mf* dynamic marking appears in measure 10.
 - Vla. (Violins) play a sustained, low-intensity texture starting in measure 7 with a *pp* dynamic, then *p* in measure 8, *pp* in measure 9, and *pp* in measure 10. A *mf* dynamic marking appears in measure 10.
 - Vc. (Violas) play a sustained, low-intensity texture starting in measure 7 with a *p* dynamic, then *pp* in measure 9, and *pp* in measure 10. A *mf* dynamic marking appears in measure 10.
 - Cb. (Cellos) play a sustained, low-intensity texture starting in measure 7 with a *p* dynamic, then *pp* in measure 9, and *pp* in measure 10. A *mf* dynamic marking appears in measure 10. A *p sub.* marking is present in measure 10, and an *ST* marking is present in measure 11.

Measure numbers 7, 8, 9, 10, 11, and 12 are indicated at the bottom of the page.

This page of a musical score contains the following parts and instructions:

- Flutes (fl. 1, 2, 3):** Flute 1 and 2 play a melodic line starting at *mp*. Flute 3 has a similar line.
- Oboes (ob. 1, 2, 3):** Oboe 1 and 2 play a sustained line with dynamics *p*, *mp*, *p*, *mf*, *p*. Oboe 3 has a similar line.
- Clarinets (cl. 1, 2, 3):** Clarinet 1 and 3 play a melodic line with dynamics *p*, *mp*, *p*, *mp*, *p*. Clarinet 2 has a sustained line with dynamics *p*, *mf*, *p*.
- Bassoons (bsn. 1, 2):** Bassoon 1 and 2 play a sustained line with dynamics *p*, *mf*, *p*, *p*, *mf*, *p*, *pp*, *p*, *pp*.
- Trumpets (tpt. 1, 2, 3):** Trumpets 1, 2, and 3 play a sustained line with dynamics *mf*, *p*, *pp*. All three parts include the instruction "mutes off" at the beginning of the page.
- Percussion (perc. 1, 2, 3):** Percussion 1 (crotales) has a rhythmic pattern with dynamics *mf*, *p*, *p*. Percussion 2 (anvils, coil springs) has a rhythmic pattern with dynamics *mf*, *mp*, *p*. Percussion 3 (tam-tam) has a rhythmic pattern with dynamics *p*, *p*, *p*.
- Harps (hp.):** Harp part with dynamics *mf*, *mp*, *p*. Includes markings "7:4" and "12".
- Piano (pno.):** Piano accompaniment with dynamics *p*, *mp*, *p*, *pp*.
- Violins (vin. I, II):** Violin I and II play a sustained line with dynamics *p*, *mp*, *p*, *mp*. Includes the instruction "ST sul A" for Violin I and "ST sul D" for Violin II.
- Viola (via.):** Viola plays a sustained line with dynamics *p*, *mp*. Includes the instruction "ST sul D".
- Violoncello (vc.):** Cello plays a sustained line with dynamics *p*, *mf*, *pp*, *mp*, *pp*.
- Double Bass (cb.):** Double bass plays a sustained line with dynamics *p*, *mf*, *pp*, *mp*, *pp*, *p*, *pp*. Includes the instruction "half stand" and "solo ST" with an arrow pointing to "SP".

Fl. 1, Fl. 2, Fl. 3, Ob. 1, Cl. 1, Cl. 2, Cl. 3, Bsn. 1, Bsn. 2, Cbsn., Hn. 1, Hn. 2, Hn. 3, Hn. 4, Tpt. 1, Tpt. 2, Tpt. 3, Tbn. 1, Tbn. 2, Tbn. 3, Tba., Timp., Perc. 1 (chimes), Perc. 2 (anvils, coil springs), Perc. 3 (tam-tam, suspended cymbal), Hp., Pno., Vln. I, Vln. II, Vla., Vcl., Cb.

Dynamics: *p*, *mp*, *mf*, *f*, *ff*, *pp*, *ppp*, *sfz.*, *div.*

Measure numbers: 25, 26, 27, 28, 29, 30

4/4 = 96 (← ♩ = ♩ →)

fl. 1, fl. 2, fl. 3, cl. 1, cl. 2, cl. 3, bsn. 1, bsn. 2, cbsn.

hn. 1, hn. 2, hn. 3, hn. 4, tpt. 1, tpt. 2, tpt. 3, tbn. 1, tbn. 2, tbn. 3, tba.

perc. 1, perc. 2, perc. 3

vin. I, vin. II, via., vc., cb.

This page of a musical score contains measures 43 through 48. The instruments are arranged as follows from top to bottom: Flute 1 (fl. 1), Flute 2 (fl. 2), Flute 3 (fl. 3), Oboe 1 (ob. 1), Oboe 2 (ob. 2), Clarinet 1 (cl. 1), Clarinet 2 (cl. 2), Clarinet 3 (cl. 3), Bassoon 1 (bsn. 1), Bassoon 2 (bsn. 2), Horn 1 (hn. 1), Horn 2 (hn. 2), Horn 3 (hn. 3), Horn 4 (hn. 4), Trumpet 1 (tpt. 1), Trumpet 2 (tpt. 2), Trumpet 3 (tpt. 3), Trombone 1 (tbn. 1), Trombone 2 (tbn. 2), Trombone 3 (tbn. 3), Trombone 4 (tbn. 4), Timpani (timp.), Piano (pno.), Violin 1 (vln. I), Violin 2 (vln. II), Viola (via.), Violoncello (vc.), and Contrabass (cb.).

Measure 43: Flutes 1 and 2 play a melodic line starting on G4, moving to A4, B4, and C5. Flute 3 and Clarinets 1 and 2 play a similar line. Bassoons 1 and 2 play a lower line. Horns 2, 3, and 4 play sustained notes. Trombones 1, 2, and 3 play a rhythmic pattern. Violins 1 and 2, Viola, and Cello play sustained notes.

Measure 44: Similar to measure 43, but with dynamic changes. Flutes 1 and 2 are *mp*, while others are *p*. Horn 2 is *pp*, Horn 4 is *mf*. Trombone 1 is *pp*, Trombone 2 is *mf*, and Trombone 3 is *pp*. Violins 1 and 2 are *mf*, Viola is *pp*, and Cello is *pp*.

Measure 45: Flutes 1 and 2 are *p*. Clarinets 1 and 2 are *p*. Horn 2 is *pp*, Horn 4 is *pp*. Trombone 1 is *pp*, Trombone 2 is *mf*, and Trombone 3 is *pp*. Violins 1 and 2 are *pp*, Viola is *mf*, and Cello is *pp*.

Measure 46: Flutes 1 and 2 are *p*. Clarinets 1 and 2 are *p*. Horn 2 is *pp*, Horn 4 is *pp*. Trombone 1 is *pp*, Trombone 2 is *mf*, and Trombone 3 is *pp*. Violins 1 and 2 are *pp*, Viola is *mf*, and Cello is *pp*.

Measure 47: Flutes 1 and 2 are *p*. Clarinets 1 and 2 are *p*. Horn 2 is *pp*, Horn 4 is *pp*. Trombone 1 is *pp*, Trombone 2 is *mf*, and Trombone 3 is *pp*. Violins 1 and 2 are *pp*, Viola is *mf*, and Cello is *pp*.

Measure 48: Flutes 1 and 2 are *p*. Clarinets 1 and 2 are *p*. Horn 2 is *pp*, Horn 4 is *mf*. Trombone 1 is *pp*, Trombone 2 is *pp*, and Trombone 3 is *pp*. Violins 1 and 2 are *pp*, Viola is *mf*, and Cello is *pp*.

Annotations: "To B. Cl." is written above the Clarinet 3 staff. "To alto flute" is written above the Flute 3 staff.

This page of a musical score, numbered 9 at the top right, contains staves for various instruments. The woodwind section includes flutes (fl. 1, 2), oboes (ob. 1, 2), clarinets (cl. 1, 2), bassoons (bsn. 1, 2), and a contrabassoon (cbasn.). The brass section includes horns (hn. 1-4), trumpets (tpl. 1-3), trombones (tbn. 1-3), and tuba (tba.). The percussion section includes timpani (timp.), piano (pno.), violins (vln. I, II), viola (via.), violin (vc.), and cello (cb.).

The score features several performance instructions and dynamic markings:

- Woodwinds:** Flutes and oboes play with *p* (piano) dynamics, while bassoons and contrabassoon play with *mf* (mezzo-forte) dynamics. Clarinets alternate between *p* and *mf*.
- Brass:** Horns 1-4 and trumpets 1-3 play with *pp* (pianissimo) dynamics, often with the instruction "with mute". Trombones 1-3 play with *mf* and *pp* dynamics. The tuba plays with *mf* and *p* dynamics.
- Percussion:** Timpani plays with *mf* and *pp* dynamics. The piano part has *mf* dynamics.
- Strings:** Violins I and II, viola, violin, and cello play with *pp* and *mf* dynamics.

A section marker **B** is located at the top of the page. The page is numbered 49 through 54 at the bottom.

fl. 1. *p* *p* *f* *p* *f*

fl. 2. *p* *f* *p* *mf*

fl. 3.

ob. 1. *p* *f* *p*

cl. 1. *p* *f* *p*

cl. 2. *p* *f* *p*

cl. 3.

bsn. 1.

bsn. 2.

cbasn.

hn. 1. *pp* *mf* *pp*

hn. 2. *pp* *mf* *pp*

hn. 3. *pp* *mf* *pp*

hn. 4. *pp* *mf* *pp* *pp*

tpt. 1. *pp* *mf* *pp* *pp*

tpt. 2. *mf* *pp* *pp* *mf* *pp* *pp*

tpt. 3. *pp* *mf* *pp*

tbn. 1. *mf* *pp* *p < mf* *pp* *p < mf*

tbn. 2. *pp* *pp* *mf* *pp*

tbn. 3. *p < mf* *pp* *p < mf* *pp*

perc. 1.

perc. 3.

pno.

vl. I. *pp* *mf* *pp* *pp*

vl. II. *mf* *pp* *p < mf* *pp*

vla. *mf* *pp* *pp* *mf* *pp*

vc. *pp* *p < mf* *pp* *p < mf* *pp*

cb. *pp* *pp* *mf* *pp*

[55] [56] [57] [58] [59] [60]

C

fl. 1 *mf* *p*

fl. 3 Alto Flute *p* *f*

ob. 3 English Horn *p* *mf* *p*

cl. 1 *p* *mf*

cl. 2 *p* *mf*

cl. 3 Bass Clarinet in B \flat *p* *mf* *p*

bsn. 1 *p* *mf* *p*

bsn. 2 *p* *mf* *p*

cbsn. *mf*

hn. 1 *pp* *mf* *pp* *pp* *mf*

hn. 2 *pp* *mf* *pp*

hn. 3 *pp* *mf* *pp* *pp* *mf*

hn. 4 *mf* *pp*

tpl. 1 *mf* *pp* *p* *mf* *p*

tpl. 2 *mf* *pp* *pp* *mf* *pp* *mf* 7th harmonic of F

tpl. 3 *pp* *mf* *pp* *pp*

tbn. 1 *pp*

tbn. 2 *pp* *mf* *pp*

tbn. 3 *p* *mf* *pp* *p* *mf* *pp*

tba. *mf*

perc. 1 (chimes) *mf* l.v.

perc. 3 (tam-tam) *mf* l.v.

pno. *mf* *2 \times*

vin. I *mf* *pp*

vin. II *p* *mf* *pp*

via. *pp* *mf*

vc. *p* *mf* *pp*

cb. *pp* *mf* *pp* *mf*

61 62 63 64 65 66

Musical score for measures 67-72. The score includes parts for a. fl., eng. hn., b. cl., bsn. 1, cbsn., hn. 1, hn. 3, tpt. 1, tpt. 2, and tpt. 3. Dynamics include p, mf, f, and pp. Measure numbers 67, 68, 69, 70, 71, and 72 are indicated at the bottom of the staves.



Musical score for measures 73-78. The score includes parts for a. fl., eng. hn., b. cl., bsn. 1, bsn. 2, cbsn., hn. 1, hn. 3, tpt. 1, tpt. 2, tpt. 3, tba., timp., pno., vln. I, vln. II, vla., vc., and cb. Dynamics include p, mf, f, and pp. Performance instructions include 'ad lib. muted string to slow harmonic glissandi' and 'arco ST'. Measure numbers 73, 74, 75, 76, 77, and 78 are indicated at the bottom of the staves.

*) Repeated attacks accelerate or decelerate following the dynamics. Attacks range from very dense to very sparse, but should always be present from m. 73-86.

This page of a musical score contains measures 79 through 84. The instruments are arranged as follows from top to bottom: Flute 1 (fl. 1), Flute 2 (fl. 2), Alto Flute (a. fl.), Oboe 1 (ob. 1), Oboe 2 (ob. 2), English Horn (eng. hn.), Clarinet 1 (cl. 1), Clarinet 2 (cl. 2), Bass Clarinet (b. cl.), Bassoon 1 (bsn. 1), Horn 1 (hn. 1), Horn 3 (hn. 3), Trumpet 1 (tp. 1), Trumpet 2 (tp. 2), Trumpet 3 (tp. 3), Piano (pno.), Violin I (vln. I), Violin II (vln. II), Viola (via.), Violoncello (vc.), and Contrabass (cb.).

Measures 79-84 feature a complex orchestral texture. The woodwinds and strings play melodic lines with various dynamics including *p*, *mf*, *f*, *pp*, and *ppp*. The piano part consists of a rhythmic accompaniment of chords. The strings play a melodic line with dynamic markings and articulation symbols (ST and SP) indicating specific performance techniques. The score is written in a standard musical notation with a key signature of one flat and a common time signature.

This musical score page contains the following parts and dynamics:

- Flutes (fl. 1, 2):** *p* (measures 85-86), *f* (measures 87-88), *p* (measures 89-90).
- Alto Flute (a. fl.):** *f* (measure 85), *p* (measures 86-87).
- Oboes (ob. 1, 2):** *p* (measures 85-86), *f* (measures 87-88), *p* (measures 89-90).
- English Horn (eng. hn.):** *mf* (measures 85-86), *p* (measures 87-88).
- Clarinets (cl. 1, 2):** *p* (measures 85-86), *f* (measures 87-88), *p* (measures 89-90).
- Bassoon (b. cl.):** *p* (measures 85-86), *mf* (measures 87-88), *p* (measures 89-90).
- Bassoon 1 (bsn. 1):** *p* (measures 85-86), *mf* (measures 87-88).
- Horn 1 (hn. 1):** *mf > p* (measures 85-86), *p* (measures 87-88), *f* (measures 89-90).
- Horn 3 (hn. 3):** *mf > p* (measures 85-86).
- Trumpets (tpt. 1, 2, 3):** *mf* (measures 85-86), *p* (measures 87-88), *mf* (measures 89-90), *p* (measures 90).
- Percussion (perc. 1, 2, 3):** No notation.
- Piano (pno.):** *f* (measures 85-86), *p* (measures 87-88), *ppp* (measures 89-90).
- Violins (vin. I, II):** *pp* (measures 89-90), marked with *ST* (Sordano).
- Viola (via.):** *pp* (measures 89-90), marked with *ST*.
- Double Bass (cb.):** *f* (measures 85-86), *pp* (measures 87-88), *ppp* (measures 89-90), marked with *SP* (Sordano) and *ST*.

fl. 1 *p* *f* **E**

fl. 2 *p* *f*

a. fl.

ob. 1 *p* *f*

ob. 2 *p* *f*

eng. hn.

cl. 1 *f*

cl. 2 *f*

b. cl.

bsn. 1

bsn. 2

cbsn.

tpt. 1

tpt. 2 *pp* straight mute

tpt. 3

timp.

perc. 1

perc. 2 *vibraphone* soft mallet 1.v. *p*

perc. 3

pno.

vln. I *pp* *f* pizz. *f*

vln. II pizz. *f*

vla. pizz. *f*

vc. pizz. *f*

cb. pizz. *f*

91 92 93 94 95 96

harmon mute (stem in)

harmon mute (stem in)
tpt. 1 *pp* *p* *f* *p*
(straight mute)
tpt. 2 *p* *f* *mf* *p*
plunger mute
tpt. 3 *pp* *f* *p*
perc. 1 (chimes) soft mallet *mf* *p*
perc. 2 (vibraphone) *ppp*
vin. I *pp* *mf*
vin. II *pp* *mf*
via. *mf*
vc. *mf*
cb. *mf*
[97] [98] [99] [100] [101] [102]

tpt. 1 *mf*
tpt. 2 *mf*
tpt. 3 *mf*
perc. 1 (chimes) *p* *ppp* (crotales) *mf* *p*
perc. 2 (vibraphone) *mf* *p* *ppp*
vin. I *pp* *mp* *pp* *p*
vin. II *pp* *mp* *pp* *p*
via. *mp* *pizz.* *pp* *p*
vc. *mp* *pizz.* *p*
cb. *mp* *pizz.* *p*
[103] [104] [105] [106] [107] [108]

tpt. 1 *p* *mf*
tpt. 2 *p* *mf*
tpt. 3 *mf*
perc. 1 *ppp*
perc. 2 *mf* *p*
vin. I *pp* *p* *pp*
vin. II *pp* *p* *pp*
via. *pp* *p* *pp*
vc. *p*
cb. *p*
[109] [110] [111] [112] [113] [114]

Musical score for measures 115-120. The score includes parts for flutes (fl. 1, fl. 2, a. fl.), clarinets (cl. 1, cl. 2), bassoon (b. cl.), trumpets (tpt. 1, 2, 3), percussion (perc. 1: crotales, perc. 2: vibraphone), violins (vin. I, II), viola (via.), cello (vc.), and double bass (cb.).

Measures 115-120 are marked with **PPP** and **mf**. The woodwinds and bassoon play sustained notes. The percussion parts feature rhythmic patterns with triplets and septuplets. The strings play a pizzicato accompaniment.

Musical score for measures 121-126. The score includes parts for flutes (fl. 1, fl. 2, a. fl.), clarinets (cl. 1, cl. 2), bassoon (b. cl.), trumpets (tpt. 1, 2, 3), percussion (perc. 1: crotales, perc. 2: vibraphone), violins (vin. I, II), viola (via.), cello (vc.), and double bass (cb.).

Measures 121-126 are marked with **PPP**, **mf**, **p**, **f**, and **fp**. The woodwinds and bassoon play sustained notes. The percussion parts feature rhythmic patterns with triplets and quintuplets. The trumpets play a melodic line with dynamic markings. The strings play a pizzicato accompaniment.

This page contains the musical score for measures 127 through 132. The instruments are arranged as follows:

- Flutes: fl. 1, fl. 2, a. fl.
- Clarinets: cl. 1, cl. 2, b. cl.
- Cornets: cbsn.
- Horns: hn. 1, hn. 2, hn. 3, hn. 4
- Trumpets: tpt. 1, tpt. 2, tpt. 3
- Trombones: tbn. 1, tbn. 2, tbn. 3, tba.
- Timpani: timp.
- Percussion: perc. 1 (crotales), perc. 2 (vibraphone), perc. 3
- Piano: pno.
- Violins: vln. I, vln. II
- Viola: vla.
- Violoncello: vc.
- Double Bass: cb.

Key musical details include:

- Measures 127-130: Flutes, clarinets, and trumpets play sustained notes with dynamic markings of *ppp*, *p*, *mf*, and *f*.
- Measure 128: Percussion 1 (crotales) plays a rhythmic pattern of eighth notes with a *mf* dynamic.
- Measure 129: Percussion 2 (vibraphone) plays a rhythmic pattern of eighth notes with a *ppp* dynamic.
- Measure 131: Piano plays a sustained chord with a *p* dynamic and the instruction "una corda".
- Measures 131-132: Violins, viola, and cello play sustained notes with the instruction "arco mutes on".

This page of a musical score contains measures 133 through 138. The instruments are arranged as follows:

- Flutes:** Fl. 1, Fl. 2, and a. fl. (alto flute). Measures 133-134 have whole rests. In measure 135, they play a half note G4. In measure 136, they play a half note G4. In measure 137, they play a half note G4. In measure 138, they play a half note G4.
- Clarinets:** Cl. 1 and Cl. 2. Measures 133-134 have whole rests. In measure 135, they play a half note G4. In measure 136, they play a half note G4. In measure 137, they play a half note G4. In measure 138, they play a half note G4.
- Bassoon:** b. cl. Measures 133-134 have whole rests. In measure 135, it plays a half note G4. In measure 136, it plays a half note G4. In measure 137, it plays a half note G4. In measure 138, it plays a half note G4.
- Contra Bassoon:** cbsn. Measures 133-134 have whole rests. In measure 135, it plays a half note G4. In measure 136, it plays a half note G4. In measure 137, it plays a half note G4. In measure 138, it plays a half note G4.
- Horns:** hn. 1, 2, 3, and 4. Measures 133-134 have whole rests. In measure 135, they play a half note G4. In measure 136, they play a half note G4. In measure 137, they play a half note G4. In measure 138, they play a half note G4.
- Trumpets:** tpt. 1, 2, and 3. Each has a "straight mute" instruction. Measures 133-134 have whole rests. In measure 135, they play a half note G4. In measure 136, they play a half note G4. In measure 137, they play a half note G4. In measure 138, they play a half note G4.
- Trombones:** tbn. 1, 2, and 3. Each has a "straight mute" instruction. Measures 133-134 have whole rests. In measure 135, they play a half note G4. In measure 136, they play a half note G4. In measure 137, they play a half note G4. In measure 138, they play a half note G4.
- Tuba:** tba. Measures 133-134 have whole rests. In measure 135, it plays a half note G4. In measure 136, it plays a half note G4. In measure 137, it plays a half note G4. In measure 138, it plays a half note G4.
- Timpani:** timp. Measures 133-134 have whole rests. In measure 135, it plays a half note G4. In measure 136, it plays a half note G4. In measure 137, it plays a half note G4. In measure 138, it plays a half note G4.
- Percussion:** perc. 1, 2, and 3. Measures 133-138 have whole rests.
- Violins:** vin. I and II. Measures 133-134 have whole rests. In measure 135, they play a half note G4. In measure 136, they play a half note G4. In measure 137, they play a half note G4. In measure 138, they play a half note G4.
- Viola:** via. Measures 133-134 have whole rests. In measure 135, it plays a half note G4. In measure 136, it plays a half note G4. In measure 137, it plays a half note G4. In measure 138, it plays a half note G4.
- Violoncello:** vc. Measures 133-134 have whole rests. In measure 135, it plays a half note G4. In measure 136, it plays a half note G4. In measure 137, it plays a half note G4. In measure 138, it plays a half note G4.
- Double Bass:** cb. Measures 133-134 have whole rests. In measure 135, it plays a half note G4. In measure 136, it plays a half note G4. In measure 137, it plays a half note G4. In measure 138, it plays a half note G4.

Dynamic markings include *ppp*, *fp*, *ff*, and *mf*. The score is marked with measure numbers 133, 134, 135, 136, 137, and 138 at the bottom.

This page of a musical score contains the following instruments and parts:

- Flutes:** Fl. 1 and Fl. 2, both playing melodic lines with dynamic markings of *ff*, *p*, and *ff*.
- Oboes:** Ob. 1 and Ob. 2, playing melodic lines with dynamic markings of *ff*, *p*, and *ff*.
- English Horn:** Eng. hn., playing a melodic line with dynamic markings of *ff*, *p*, and *ff*.
- Clarinets:** Cl. 1 and Cl. 2, playing melodic lines with dynamic markings of *ff*, *p*, and *ff*.
- Bassoon:** b. cl., playing a melodic line with dynamic markings of *ff*, *p*, and *ff*.
- Brass:** bsn. 1, bsn. 2, and cbsn., playing sustained notes with dynamic markings of *fp*.
- Horns:** hn. 1, hn. 2, hn. 3, and hn. 4, playing sustained notes with dynamic markings of *fp* and *f*.
- Tuba:** tba., playing sustained notes with dynamic markings of *fp*.
- Timpani:** timp., playing sustained notes with dynamic markings of *mf*.
- Percussion:** perc. 1, perc. 2, and perc. 3, which are currently silent.
- Strings:** vln. I, vln. II, vla., vc., and cb., playing sustained notes with dynamic markings of *p* and *fp*.

The score is divided into measures 139 through 144, with measure numbers 139, 140, 141, 142, 143, and 144 printed at the bottom of the page.

This page of a musical score contains measures 145 through 150. The instruments listed on the left are: b. cl., bsn. 1, bsn. 2, cbsn., hn. 1, hn. 2, hn. 3, hn. 4, tpt. 1, tpt. 2, tpt. 3, tbn. 1, tbn. 2, tbn. 3, tba., timp., perc. 3, pno., vln. I, vln. II, vla., vc., and cb. The score features complex rhythmic patterns with many triplets and slurs. Dynamic markings such as *fp*, *f*, *mf*, *p*, *mp*, *pp*, and *gliss.* are used throughout. Performance instructions like "(senza ped.)" and "pizz." are also present. The bottom of the page is marked with measure numbers [145] through [150].

Musical score for measures 157-162. The score includes parts for Percussion 1 (glockenspiel), Percussion 2 (vibraphone), Percussion 3 (maracas), Harp (hp), Piano (pno), Violin I (vn. I), Violin II (vn. II), Viola (via), Violoncello (vc), and Contrabass (cb). The score features various dynamics such as *p*, *ppp*, *mf*, and *f*. Specific performance instructions include "harmonic gliss. to highest harmonic sul E" and "SP" (sul ponticello) for the strings. Measure numbers 157, 158, 159, 160, 161, and 162 are indicated at the bottom of the score.



Musical score for measures 163-168. The score includes parts for Percussion 1 (glockenspiel), Percussion 2 (vibraphone), Percussion 3 (maracas), Harp (hp), Piano (pno), Violin I (vn. I), Violin II (vn. II), Viola (via), Violoncello (vc), and Contrabass (cb). The score features various dynamics such as *mf*, *pp*, and *fp*. Specific performance instructions include "harmonic gliss. to end of fingerboard" and "col legno battuto while gliss. sul A" for the strings. Measure numbers 163, 164, 165, 166, 167, and 168 are indicated at the bottom of the score.

G

obsn. *mf* *mp*
 hn. 1 with mute 7th harmonic of C *fp* *f*
 hn. 2 with mute *fp* *p* *f*
 hn. 3 with mute *fp* *f* *p* *f*
 hn. 4 with mute *fp* *f* *p* *f*
 tpt. 1 harmon mute *fp* *f* *p* *f*
 tpt. 2 harmon mute *fp* *f* *p* *f*
 tpt. 3 harmon mute *fp* *p* *f* *f*
 tbn. 1 plunger mute *fp* *f* *p* *f*
 tbn. 2 plunger mute *fp* *f* *p* *f*
 tbn. 3 plunger mute *fp* *f* *p* *f*
 tba. *mf* *mp*
 timp.
 perc. 1
 perc. 2 *anvils (2)* *coil springs (2)* *l.v.*
 perc. 3 *f*
 hp. *l.v.* *f*
 pno. *f*
 vin. I *f*
 vin. II *f*
 vla. *f* *pizz. l.v.*
 vc. *f* *pizz. l.v.*
 cb. *ff* *pizz. l.v.*

Musical score for measures 178-181. The score includes parts for timpani (timp.), three percussion instruments (perc. 1, 2, 3), violin I (vn. I), violin II (vn. II), viola (via.), three violas (vc.), and three cellos (cb.).

- timp.:** *p*
- perc. 1 (low tom):** *p*
- perc. 2 (anvils, coil springs):** *mf*, *p*, *mf*, *p*
- perc. 3 (maracas):** *p*
- vn. I, vn. II, via.:** *p*
- vc.:** *PPP*
- cb.:** *PPP*

Measure numbers: 178, 179, 180, 181

Musical score for measures 182-185. The score includes parts for timpani (timp.), three percussion instruments (perc. 1, 2, 3), piano (pno.), violin I (vn. I), violin II (vn. II), viola (via.), three violas (vc.), and three cellos (cb.).

- timp.:** *mf*, *p*, *gliss.*
- perc. 1 (low tom):** *p*
- perc. 2 (anvils, coil springs):** *mf*, *p*, *mf*, *p*
- perc. 3 (maracas):** *f*, *p*, *f*
- pno.:** (rest)
- vn. I, vn. II, via.:** *p*
- vc.:** (rest)
- cb.:** (rest)

Measure numbers: 182, 183, 184, 185

J

vocalize into instrument

(sh) *mf*

vocalize into instrument

(l) *mf*

vocalize into instrument

(k) *mf*

low tom

with jazz brushes

perc. 1 *p*

perc. 2 coil springs I.v. *pp*

perc. 3 sizzle cymbal I.v. *pp*

arco

vin. I *pp* highest possible note *f* *p* *f* *mp*

arco

vin. II *pp* highest possible note *f* *p* *f* *mp*

col legno battuto

vla. *pp* *f* *mp* *f* *p*

col legno battuto

vc. *pp* *f* *mp* *f* *p*

col legno battuto

cb. *pp* *f* *mp* *f* *p*

192 193 194 195 196 197 198

(sh) *f* *p* *f* *p*

(l) *f* *p* *f* *p*

(k) *f* *p* *f* *p*

(low tom)

perc. 1 *f* *p* *f* *p*

perc. 2 coil springs I.v. *p* *p* *p* *p*

perc. 3 sizzle cymbal I.v. *pp* *pp* *pp* *p*

col legno battuto

vin. I *sf* *p* *f* *p*

col legno battuto

vin. II *sf* *p* *f* *p*

vla. *sf* *p* *f* *p*

vc. *sf* *p* *f* *p*

cb. *sf* *p* *f* *p*

199 200 201 202 203 204

1 2 3

1 2 3

1 2 3

timp.

(low tom)

with soft mallets

perc. 1 *f* *mp* *f*

perc. 2 bass drum *p* *mf*

perc. 3 lam-lam *p* *mf*

vin. I *f*

vin. II *f*

vla.

vc.

cb.

205 206 207 208 209 210

This page of a musical score, numbered 29, contains the following parts and markings:

- Flutes (fl. 1, 2):** Dynamics range from *ppp* to *f*.
- Oboes (ob. 1, 2):** Dynamics range from *p* to *f*.
- English Horn (eng. hn.):** Dynamics range from *p* to *f*.
- Clarinets (cl. 1, 2):** Dynamics range from *p* to *f*.
- Bass Clarinet (b. cl.):** Dynamics range from *p* to *f*.
- Bassoons (bsn. 1, 2):** Dynamics range from *pp* to *f*.
- Contrabassoon (cbsn.):** Dynamics range from *p* to *f*.
- Horns (hn. 1-4):** Marked as "brassy" with dynamics up to *ff*.
- Trumpets (tpt. 1-3):** Marked as "brassy" with dynamics up to *ff*.
- Trombones (tbn. 1-3):** Dynamics range from *p* to *f*.
- Tuba (tba.):** Dynamics range from *p* to *f*.
- Timpani (timp.):** Includes a glissando (*f*) and dynamics up to *mf*.
- Percussion (perc. 1-3):** Includes low tom, bass drum, and tam-tam. Perc. 1 includes chimes and I.v. with dynamics up to *mf*.
- Harpsichord (hp.):** Dynamics range from *p* to *p*.
- Piano (pno.):** Marked "espressivo" and "toy piano (or celesta)" with dynamics up to *p*.
- Violins (vin. I, II):** Dynamics range from *ppp* to *f*.
- Viola (via.):** Dynamics range from *ppp* to *f*.
- Violoncello (vc.):** Dynamics range from *ppp* to *f*.
- Double Bass (cb.):** Dynamics range from *ppp* to *f*.

This page contains a musical score for an orchestra and strings, spanning measures 217 to 221. The score is organized into several systems of staves. The woodwind section includes flutes (fl. 1, 2), alto flute (a. fl.), oboes (ob. 1, 2), English horn (eng. hn.), clarinets (cl. 1, 2), bassoon (b. cl.), bassoons (bsn. 1, 2), and contrabassoon (cbsn.). The brass section includes horns (hn. 1-4), trumpets (tbn. 1-3), and tuba (tba.). The percussion section includes three parts: Perc. 1 (crotales), Perc. 2 (coil springs), and Perc. 3 (sizzle cymbal). The keyboard section includes harp (hp.) and piano (pno.). The string section includes Violin I (vin. I), Violin II (vin. II), Viola (via.), Violoncello (vc.), and Contrabass (cb.).

Key musical details include:

- Measures 217-218:** Flute 1 and 2, Alto Flute, Oboe 1 and 2, English Horn, Clarinet 1 and 2, Bassoon, Bassoon 1 and 2, Contrabassoon, Horn 1-4, Trumpet 1-3, and Tuba are mostly silent. The Harp and Piano play chords. The strings play a sustained chord.
- Measure 219:** The woodwinds and brass enter with a melodic line. Dynamics include *pp* (pianissimo) and *ppp* (pianississimo). The strings continue with a sustained chord.
- Measures 220-221:** The melodic line continues. Dynamics include *pp* and *ppp*. The strings continue with a sustained chord. The word *morendo* is written above the violin staves.

rit. ♩ = 48

ca. 10" 31
silence

fl. 1
fl. 2
a. fl.
ob. 1
ob. 2
eng. hn.
cl. 1
cl. 2
b. cl.
bsn. 1
bsn. 2
cbsn.

pp *p* *ppp* *morendo*

hn. 1
hn. 2
hn. 3
hn. 4
tbn. 1
tbn. 2
tbn. 3
tba.

p

timp.

pp

perc. 1
perc. 2
perc. 3

(crotales) l.v.
I.v.
(coil springs)
softest mallet
(sizzle cymbal)

pp *ppp* *morendo*

hp.

p *mp* l.v.

pno.

mp muted

*) pizzicati should not synchronize

vin. I
vin. II
via.
vc.
cb.

pp *p* *ppp* *morendo*

mf *pizz. *)*

solo
altri, divisi