
Three field studies from

DEMAREST LLOYD

for
Eleven Percussionists

Composed by
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PREFACE

1

You know how it is when your mind enters into a silence with the land? when you give up speaking, and you give up listening for gulls or watching for a shift in the weather; and just begin to place yourself in the world? That was how it was when I was up on the bow stalk looking for the wreckage of the Migremo. Long patches of ruffled water; families of the great silver-backed balenoi going up to their wintering place in the By Far fjord; squalls of rain shadowing the sea; rafts of flag-dippers, gray-green against the gray-green water; the yellow bills of those seabirds seeming to slide like a scurf of petals on the water: I recognized and understood these pattern of light in a dreamy unvoiced way while I waited for my eye to take in what was not of the land – floating plastic, aluminum, the suflated exo of a dead person – and say it to me on a breath, like a word spoken aloud – There.

- Molly Gloss, *The Dazzle of Day*

2 Instrumentation

The work consists of two identical choruses of four performers each, and an inner heterogenous trio.

All performers vocalize, and should have a circular chromatic pitch pipe with which to play chords.

Each chorus member has:

- A wine glass, filled with water,
- A castanet,
- A shaker (maraca, caxixi, etc.), and
- A guiro.

The first trio member has:

- A set of crotales (with bowed),
- A marimba, and
- Five wood blocks

The second trio member has:

- A vibraphone (with mallets and bow),
- A ratchet,
- A snare drum (with wire brush), and
- A tam-tam (with mallet and super-ball mallet).

The third trio member has:

- A set of tubular bells,
- Four toms or congas, and
- A large bass drum.

3 Performance notes

Some notes on performance techniques:

3.1 Whispering

Whispers fall into two categories: inhaled and exhaled. When exhaling, the performer should affect the consonant indicated (f-, sh-, etc.) and then simply whisper it, as though starting to speak a word and halting suddenly. There should be no pitch, no sustain, just variations of white noise as dictated by the consonant expression. Inhaling is much the same: affect the given consonant (h-, f-, etc.) and then audibly breathe in, creating lighter or darker variations of white noise. If extra breathe is necessary, take it. In general, one shouldn't need much air, as the effect of these whisperings are very quiet in the ensemble texture.

3.2 Pitch pipes

When performing with circular pitch pipes, place enough of the instrument into the mouth that four or more notes can be sounded at once. Breath liberally, changing inhale to exhale as necessary. The effect should be a dense chromatic chord. Don't try to match the chord of fellow performers. Ideally each performer would be playing a slightly different chord, causing the harmony drift as performers enter and exit.

3.3 Wine glasses

Wine glasses should be filled partially with water and performed by dipping one finger into that water and then circling that same finger around the lip of the glass, causing it to resonate. Each wine glass should be filled slightly differently from each other wine glass, allowing the harmony to drift (like the pitch pipes) as wine glass music enters and exits the ensemble texture.

3.4 Guiros

All tremoli, whether indicated or not, should be scrape tremoli. The scraping should be very narrow - one or two inches wide - and without any obvious inflections from direction changes.

3.5 Pitched percussion

All pitched percussion should be played with soft mallets if possible, except when bowed. Exceptions are fine, though.

Field studies from
DEMAREST/LLOYD

Joséphine Wolf Oberholtzer (1984)

DEMAREST

Score for Glass (A) and Stone (B) sections, featuring multiple staves and instruments.

Section A (Glass):

- A1:** [v.] [sh. g. w.g.]
- A2:** [v.] [sh. g. w.g.]
- A3:** [v.] [sh. g. w.g.]
- A4:** [v.] [sh. g. w.g.]

Section B (Stone):

- B1:** [v.] [sh. g. w.g.]
- B2:** [v.] [sh. g. w.g.]
- B3:** [v.] [sh. g. w.g.]
- B4:** [v.] [sh. g. w.g.]

Other Instruments:

- T1 [mb.]:** [v.] [sh. g. w.g.]
- T2:** [v.] [sh. g. w.g.]
- T3 [toms & b.d.]:** [v.] [sh. g. w.g.]

Performance Markings:

- Dynamic Markings:** *p*, *pp*, *fp*, *f*, *ppp*, *pppp*.
- Articulation Markings:** *struck*, *circle*, *scrape tremolo*, *bowed*, *perc.*, *superball*, *unmeasured*, *measured*.
- Other Markings:** *et.*, *lv*, *t.b.*, *vb.*, *lv*.

Time Signature: $\frac{4}{4}$

Score for Percussion Ensemble, measures 11 through 15. The score includes parts for A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, and B4. The notation includes various rhythmic patterns, dynamics (e.g., *fp*, *p*, *ppp*, *f*), and performance instructions (e.g., *struck*, *measured*, *unmeasured*). The score is divided into measures 11, 12, 13, 14, and 15. The parts are color-coded: A1, A2, A3, A4, B1, B2, B3, and B4 are in blue; T1, T2, and T3 are in green; and the vocal parts (v.) are in pink. The score includes various rhythmic patterns, including 5:4, 4:5, 3:2, and 6:7. The dynamics range from *ppp* to *f*. The performance instructions include *struck*, *measured*, and *unmeasured*.

Score for Sand, featuring multiple staves (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4) with various musical notations, including dynamics (p, fp, f, ppp, f), articulation (struck, spun), and rhythmic markings (5:4, 3:2, 6:5, unmeasured, measured).

The score is organized into systems, each containing multiple staves. The staves are labeled as follows:

- A1, A2, A3, A4: Staves with vocal parts (v.) and guitar parts (sh., g., w.g.).
- T1: Staff with vocal part (v.) and guitar part (w.b.).
- T2: Staff with vocal part (v.) and guitar part (r., sn., t.l.).
- T3: Staff with vocal part (v.) and guitar part (toms. & b.d.).
- B1, B2, B3, B4: Staves with vocal parts (v.) and guitar parts (sh., g., w.g.).

The score includes various musical notations, including notes, rests, and dynamic markings. The dynamics range from p (piano) to f (forte) and ppp (pianissimo). The articulation includes struck and spun. The rhythmic markings include 5:4, 3:2, and 6:5. The score also includes unmeasured and measured sections.

The image displays a complex musical score for 'The Great Wall' by David Lang. The score is organized into measures by vertical bar lines. It features multiple staves for various instruments and vocals, including A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, and B4. The score includes dynamic markings such as *p*, *f*, and *fp*, and performance instructions like 'spun', 'bowed', 'ct.', 'LV', 'scrape tremolo', 'wh.', 'inhale', 'sh-', 'h-', 's-', 'p', 'f', and 'fp'. The score is divided into measures by vertical bar lines.

Score for Wood instrument, measures 29-34. The score is written for a 4/4 time signature with a tempo of 72 beats per minute. The instrument is marked **D** Wood.

The score is divided into systems, each containing a vocal line (v.) and a wood line (sh., g., w.g.). The systems are labeled A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, and B4.

Key performance instructions and markings include:

- Whisper (wh.)**: Indicated by a box above the vocal line.
- Inhale**: Indicated by a box above the vocal line.
- Spun**: Indicated by a box above the wood line.
- Scrape**: Indicated by a box above the wood line.
- pp** (pianissimo), **f** (forte), **fp** (fortissimo), **ppp** (pianississimo): Dynamic markings.
- mb.** (medium bass), **vb.** (very bass): Bass markings.
- LV** (Low Voice): Marking for the T3 system.
- 4:3** and **5:3**: Rhythmic ratios or intervals.
- h-** and **sh-**: Breath marks or articulation.
- p** (piano): Marking for the wood line.

The score includes various musical notations such as notes, rests, and dynamic markings. The wood line is often marked with **sh.**, **g.**, and **w.g.** (wood grain). The vocal line is often marked with **wh.** and **inhale**. The T3 system includes a **toms & b.d.** (toms and bass drum) section.

Score for **E** Stone, measures 35-40. The score is written for a large ensemble with multiple staves for each section, including vocalists (v.), woodwinds (sh., g., w.g.), percussion (perc., mb., vb., LV), and strings (B1, B2, B3, B4). The music features complex rhythmic patterns, dynamic markings (p, f, ppp, fp), and performance instructions (inhale, spun, scrape, perc. tremolo, unmeasured, measured, 5:4).

Measures 35-40:

- Measure 35:** Vocalists (v.) have rests. Woodwinds (sh., g., w.g.) play a series of notes, with woodwinds A1 and A2 marked *pp*. Percussion (perc.) plays a short burst. Strings (B1, B2, B3, B4) play a series of notes, with B1 and B2 marked *p*.
- Measure 36:** Vocalists (v.) have rests. Woodwinds (sh., g., w.g.) play a series of notes, with woodwinds A1 and A2 marked *ppp*. Percussion (perc.) plays a short burst. Strings (B1, B2, B3, B4) play a series of notes, with B1 and B2 marked *fp*.
- Measure 37:** Vocalists (v.) have rests. Woodwinds (sh., g., w.g.) play a series of notes, with woodwinds A1 and A2 marked *p*. Percussion (perc.) plays a short burst. Strings (B1, B2, B3, B4) play a series of notes, with B1 and B2 marked *p*.
- Measure 38:** Vocalists (v.) have rests. Woodwinds (sh., g., w.g.) play a series of notes, with woodwinds A1 and A2 marked *fp*. Percussion (perc.) plays a short burst. Strings (B1, B2, B3, B4) play a series of notes, with B1 and B2 marked *p*.
- Measure 39:** Vocalists (v.) have rests. Woodwinds (sh., g., w.g.) play a series of notes, with woodwinds A1 and A2 marked *p*. Percussion (perc.) plays a short burst. Strings (B1, B2, B3, B4) play a series of notes, with B1 and B2 marked *p*.
- Measure 40:** Vocalists (v.) have rests. Woodwinds (sh., g., w.g.) play a series of notes, with woodwinds A1 and A2 marked *p*. Percussion (perc.) plays a short burst. Strings (B1, B2, B3, B4) play a series of notes, with B1 and B2 marked *p*.

Score for Waves, featuring multiple staves (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4) and various musical notations including dynamics (p, fp, ppp, mf), articulations (struck, tapped, spun), and time signatures (4:3, 5:4, 3:2, 6:5).

The score is organized into systems, each containing a vocal line (v.) and a piano line (sh., g., w.g.). The piano lines are further divided into sections (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4). The vocal lines are marked with dynamics (p, fp, ppp, mf) and articulations (struck, tapped, spun). The piano lines are marked with dynamics (p, fp, ppp, mf) and articulations (struck, tapped, spun). The piano lines are also marked with time signatures (4:3, 5:4, 3:2, 6:5) and other musical notations.

Score for 12 staves (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and an unlabeled staff) across 10 measures. The score includes various musical notations such as notes, rests, and dynamic markings.

Staff A1: [v.] (vibrato), sh. (sharpened), g. (guitar), w.g. (wood guitar). Dynamics: *p*, *ppp*, *mf*, *p*, *p*, *ppp*.

Staff A2: [v.] (vibrato), sh. (sharpened), g. (guitar), w.g. (wood guitar). Dynamics: *p*, *mf*, *p*, *(p)*, *ppp*, *p*, *mf*.

Staff A3: [v.] (vibrato), sh. (sharpened), g. (guitar), w.g. (wood guitar). Dynamics: *mf*, *p*, *p*, *(p)*, *(p)*, *p*, *ppp*.

Staff A4: [v.] (vibrato), sh. (sharpened), g. (guitar), w.g. (wood guitar). Dynamics: *mf*, *p*, *ppp*, *p*, *mf*.

Staff T1: [v.] (vibrato), mb. (maracas). Dynamics: *ppp*, *ppp*, *ppp*, *ppp*.

Staff T2: [v.] (vibrato), vb. (violin). Dynamics: *ppp*, *ppp*, *ppp*, *ppp*.

Staff T3: [v.] (vibrato), t.b. (trombone). Dynamics: *ppp*, *ppp*, *ppp*, *ppp*.

Staff B1: [v.] (vibrato), sh. (sharpened), g. (guitar), w.g. (wood guitar). Dynamics: *p*, *mf*, *p*, *ppp*, *mf*, *p*, *ppp*.

Staff B2: [v.] (vibrato), sh. (sharpened), g. (guitar), w.g. (wood guitar). Dynamics: *(p)*, *mf*, *p*, *(p)*, *ppp*, *mf*.

Staff B3: [v.] (vibrato), sh. (sharpened), g. (guitar), w.g. (wood guitar). Dynamics: *p*, *ppp*, *p*, *mf*, *p*, *p*.

Staff B4: [v.] (vibrato), sh. (sharpened), g. (guitar), w.g. (wood guitar). Dynamics: *p*, *mf*, *p*, *ppp*, *p*, *mf*.

Staff (unlabeled): [v.] (vibrato). Dynamics: *p*, *p*, *p*, *(p)*.

Annotations: "tapped" and "spun" are marked above certain notes. A 5:4 ratio is indicated in measure 10, and a 10:8 ratio is indicated in measure 8.

Score for 12 instruments: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and an unlabeled section.

Instrument A1: [v.] (violin), [sh. g. w.g.] (soprano, alto, and contrabass). Dynamics: *p*, *mf*, *p*, *(p)*, *(p)*, *ppp*, *mf*, *p*, *ppp*, *p*.

Instrument A2: [v.] (violin), [sh. g. w.g.] (soprano, alto, and contrabass). Dynamics: *p*, *p*, *ppp*, *mf*, *p*, *p*, *ppp*, *p*, *ppp*, *mf*.

Instrument A3: [v.] (violin), [sh. g. w.g.] (soprano, alto, and contrabass). Dynamics: *p*, *p*, *mf*, *p*, *p*, *(p)*, *ppp*.

Instrument A4: [v.] (violin), [sh. g. w.g.] (soprano, alto, and contrabass). Dynamics: *p*, *p*, *ppp*, *mf*, *p*, *p*, *ppp*, *p*, *ppp*, *p*.

Instrument T1: [v.] (violin), [mb.] (marimba). Dynamics: *(p)*, *(p)*, *ppp*, *ppp*, *ppp*, *p*, *ppp*.

Instrument T2: [v.] (violin), [vb.] (vibraphone). Dynamics: *p*, *(p)*, *ppp*, *ppp*, *ppp*.

Instrument T3: [v.] (violin), [t.b.] (tubular bells). Dynamics: *p*, *(p)*, *ppp*, *(ppp)*, *ppp*.

Instrument B1: [v.] (violin), [sh. g. w.g.] (soprano, alto, and contrabass). Dynamics: *p*, *mf*, *p*, *p*, *ppp*, *p*, *ppp*, *mf*.

Instrument B2: [v.] (violin), [sh. g. w.g.] (soprano, alto, and contrabass). Dynamics: *p*, *p*, *ppp*, *mf*.

Instrument B3: [v.] (violin), [sh. g. w.g.] (soprano, alto, and contrabass). Dynamics: *p*, *ppp*, *mf*, *p*, *p*, *p*.

Instrument B4: [v.] (violin), [sh. g. w.g.] (soprano, alto, and contrabass). Dynamics: *p*, *ppp*, *p*, *mf*, *p*, *(p)*, *ppp*.

Unlabeled Section: [v.] (violin), [sh. g. w.g.] (soprano, alto, and contrabass). Dynamics: *p*, *p*, *ppp*, *mf*, *p*, *(p)*, *ppp*.

Score for **Sand**, measures 58-63. The score is written for a percussion ensemble with four auxiliary parts (A1, A2, A3, A4), three tom-tom parts (T1, T2, T3), and four bass drum parts (B1, B2, B3, B4). The tempo is $\text{♩} = 32$ and the key signature is one flat (G major).

Instrumentation and Parts:

- A1, A2, A3, A4:** Auxiliary parts, each with a snare drum (sh.), gong (g.), and wood gong (w.g.) line. They feature various techniques like *spun*, *tapped*, and *mf*.
- T1, T2, T3:** Tom-tom parts. T1 includes a *mb.* (marching band) line. T2 and T3 include *lv.* (low) lines. They feature various techniques like *ppp*, *mf*, and *f*.
- B1, B2, B3, B4:** Bass drum parts. They feature various techniques like *ppp*, *mf*, and *f*.

Measure Details:

- Measure 58:** Auxiliary parts A1, A2, A3, and A4 start with *spun* and *tapped* techniques. T1 starts with a *ppp* technique. T2 and T3 start with *ppp* techniques. B1, B2, B3, and B4 start with *ppp* techniques.
- Measure 59:** Auxiliary parts A1, A2, A3, and A4 continue with *spun* and *tapped* techniques. T1 continues with *ppp* techniques. T2 and T3 continue with *ppp* techniques. B1, B2, B3, and B4 continue with *ppp* techniques.
- Measure 60:** Auxiliary parts A1, A2, A3, and A4 continue with *spun* and *tapped* techniques. T1 continues with *ppp* techniques. T2 and T3 continue with *ppp* techniques. B1, B2, B3, and B4 continue with *ppp* techniques.
- Measure 61:** Auxiliary parts A1, A2, A3, and A4 continue with *spun* and *tapped* techniques. T1 continues with *ppp* techniques. T2 and T3 continue with *ppp* techniques. B1, B2, B3, and B4 continue with *ppp* techniques.
- Measure 62:** Auxiliary parts A1, A2, A3, and A4 continue with *spun* and *tapped* techniques. T1 continues with *ppp* techniques. T2 and T3 continue with *ppp* techniques. B1, B2, B3, and B4 continue with *ppp* techniques.
- Measure 63:** Auxiliary parts A1, A2, A3, and A4 continue with *spun* and *tapped* techniques. T1 continues with *ppp* techniques. T2 and T3 continue with *ppp* techniques. B1, B2, B3, and B4 continue with *ppp* techniques.

4/4 Glass

Staff A1: [v.] [sh. g. w.g.] spun [inhale wh.] *f* *fp* [circle] [p.p.] *p*

Staff A2: [v.] [sh. g. w.g.] spun [circle] [p.p.] *p*

Staff A3: [v.] [sh. g. w.g.] spun [circle] [p.p.] *p*

Staff A4: [v.] [sh. g. w.g.] spun [circle] [p.p.] *p*

Staff T1 [ct.]: [v.] bowed [ct.] LV *p* [inhale wh.] *h-* *fp* [p.p.] *p* [bowed] LV *ppp*

Staff T2 [vb.]: [v.] [scrape tremolo perc.] *f* [bowed vb.] LV *p* [scrape tremolo perc.] *f* [bowed vb.] LV *ppp*

Staff T3 [toms & b.d.]: [v.] [toms & b.d.] *p* [LV] *f* [t.b.] LV *p* [LV] *ppp*

Staff B1: [v.] [sh. g. w.g.] spun [inhale wh.] *sh-* *fp* [circle] [p.p.] *p*

Staff B2: [v.] [sh. g. w.g.] spun [circle] [p.p.] *p*

Staff B3: [v.] [sh. g. w.g.] spun [circle] [p.p.] *p*

Staff B4: [v.] [sh. g. w.g.] spun [circle] [p.p.] *p*

Score for 13 instruments: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and two unlabeled staves.

Instrument A1: [v.] (voice), [sh. g. w.g.] (string quartet). Includes "circle" and "struck" markings.

Instrument A2: [v.] (voice), [sh. g. w.g.] (string quartet). Includes "circle" and "struck" markings.

Instrument A3: [v.] (voice), [sh. g. w.g.] (string quartet). Includes "circle" marking.

Instrument A4: [v.] (voice), [sh. g. w.g.] (string quartet). Includes "circle" and "struck" markings.

Instrument T1: [ct.] (clarinet). Includes "bowed" and "LV" markings.

Instrument T2: [vb.] (violin/bass). Includes "perc.", "superball", "scrape tremolo", "vb.", "bowed", and "LV" markings.

Instrument T3: [t.b.] (trumpet/bass). Includes "perc.", "t.b.", and "LV" markings.

Instrument B1: [v.] (voice), [sh. g. w.g.] (string quartet). Includes "circle" and "struck" markings.

Instrument B2: [v.] (voice), [sh. g. w.g.] (string quartet). Includes "circle" marking.

Instrument B3: [v.] (voice), [sh. g. w.g.] (string quartet). Includes "circle" and "struck" markings.

Instrument B4: [v.] (voice), [sh. g. w.g.] (string quartet). Includes "circle" and "struck" markings.

Other staves: Two unlabeled staves at the top and bottom of the section, each with a [v.] (voice) part.

Dynamic markings: *p*, *pp*, *ppp*, *mf*, *fp*.

Performance instructions: "circle", "struck", "bowed", "perc.", "superball", "scrape tremolo", "vb.", "t.b.", "LV".

Score for 12 instruments: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and T2.

Instrument A1: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument A2: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument A3: [v.] (violin), [sh. g. w.g.] (string quartet). Includes "circle" and "struck" markings.

Instrument A4: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument T1: [mb.] (marimba). Includes "mb." and "fz" markings.

Instrument T2: [vb.] (vibraphone). Includes "perc.", "scrape tremolo", "bowed", and "lv" markings.

Instrument T3: [t.b.] (tubular bells). Includes "perc.", "t.b.", and "lv" markings.

Instrument B1: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument B2: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument B3: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument B4: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument T2: [v.] (violin), [sh. g. w.g.] (string quartet). Includes "perc.", "scrape tremolo", "bowed", and "lv" markings.

Instrument T3: [v.] (violin), [sh. g. w.g.] (string quartet). Includes "perc.", "t.b.", and "lv" markings.

Instrument B1: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument B2: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument B3: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

Instrument B4: [v.] (violin), [sh. g. w.g.] (string quartet). Includes a "circle" marking.

[illegible]

Score for Percussion Ensemble, measures 87-92.

Drum Set (A1, A2, A3, A4):

- A1:** Snare (sh.), Gong (g.), Woodblock (w.g.). Measures 87-92.
- A2:** Snare (sh.), Gong (g.), Woodblock (w.g.). Measures 87-92.
- A3:** Snare (sh.), Gong (g.), Woodblock (w.g.). Measures 87-92.
- A4:** Snare (sh.), Gong (g.), Woodblock (w.g.). Measures 87-92.

Tom Set (T1, T2, T3):

- T1:** Tom (w.b.). Measures 87-92.
- T2:** Tom (r., sn., t.t.). Measures 87-92.
- T3:** Tom (toms & b.d.). Measures 87-92.

Bells (B1, B2, B3, B4):

- B1:** Snare (sh.), Gong (g.), Woodblock (w.g.). Measures 87-92.
- B2:** Snare (sh.), Gong (g.), Woodblock (w.g.). Measures 87-92.
- B3:** Snare (sh.), Gong (g.), Woodblock (w.g.). Measures 87-92.
- B4:** Snare (sh.), Gong (g.), Woodblock (w.g.). Measures 87-92.

Other:

- v.:** Various percussion parts.
- fp:** Fortissimo.
- p:** Piano.
- f:** Forte.
- ppp:** Pianissimo.
- struck:** Struck.
- unmeasured:** Unmeasured.
- measured:** Measured.
- 14:12:** Ratio.
- 5:4:** Ratio.
- 4:3:** Ratio.
- 4:5:** Ratio.
- 6:7:** Ratio.

Score for Percussion Ensemble, measures 93-97.

Parts: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4.

Measure 93:

- A1: *sh.* (struck), *g.* (p), *w.g.* (p). Ratio: 5:4.
- A2: *sh.* (struck), *g.* (p), *w.g.* (p). Ratio: 4:5.
- A3: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 4:3.
- A4: *sh.* (struck), *g.* (p), *w.g.* (p). Ratio: 6:7.
- T1: *w.b.* (p), *f*, *ppp*. Ratio: 3:2.
- T2: *r.* (measured), *sn.* (unmeasured), *t.t.* (measured).
- T3: *toms & b.d.* (p), *(p)*.
- B1: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B2: *sh.* (struck), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B3: *sh.* (struck), *g.* (p), *w.g.* (p). Ratio: 6:5.
- B4: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.

Measure 94:

- A1: *sh.* (fp), *g.* (p), *w.g.* (p). Ratio: 5:4.
- A2: *sh.* (fp), *g.* (p), *w.g.* (p). Ratio: 5:4.
- A3: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 4:3.
- A4: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- T1: *w.b.* (p), *f*, *ppp*. Ratio: 6:4.
- T2: *r.* (measured), *sn.* (unmeasured), *t.t.* (measured).
- T3: *toms & b.d.* (p), *(p)*.
- B1: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B2: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B3: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B4: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.

Measure 95:

- A1: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- A2: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- A3: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 4:3.
- A4: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- T1: *w.b.* (p), *f*, *ppp*. Ratio: 6:4.
- T2: *r.* (measured), *sn.* (unmeasured), *t.t.* (measured).
- T3: *toms & b.d.* (p), *(p)*.
- B1: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B2: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B3: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B4: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.

Measure 96:

- A1: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- A2: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- A3: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 4:3.
- A4: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- T1: *w.b.* (p), *f*, *ppp*. Ratio: 6:4.
- T2: *r.* (measured), *sn.* (unmeasured), *t.t.* (measured).
- T3: *toms & b.d.* (p), *(p)*.
- B1: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B2: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B3: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B4: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.

Measure 97:

- A1: *sh.* (struck), *g.* (p), *w.g.* (p). Ratio: 5:4.
- A2: *sh.* (struck), *g.* (p), *w.g.* (p). Ratio: 5:4.
- A3: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 4:3.
- A4: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- T1: *w.b.* (p), *f*, *ppp*. Ratio: 6:4.
- T2: *r.* (measured), *sn.* (unmeasured), *t.t.* (measured).
- T3: *toms & b.d.* (p), *(p)*.
- B1: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B2: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B3: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.
- B4: *sh.* (p), *g.* (p), *w.g.* (p). Ratio: 5:4.

Score for Waves, measures 99-104. The score is organized into systems for various instruments, each with a vocal line (v.) and a piano line (sh., g., w.g.).

System A:

- A1:** Vocal line is silent. Piano line features a sequence of notes in measures 99-100, followed by a *ppp* tap in measure 101, a *p* spun note in measure 102, a *mf* tap in measure 103, and a *p* spun note in measure 104.
- A2:** Vocal line is silent. Piano line features a *p* note in measure 99, a *(p)* note in measure 100, a *p* spun note in measure 101, and a *p* note in measure 103.
- A3:** Vocal line is silent. Piano line features a *p* note in measure 99, a *p* note in measure 100, a *p* spun note in measure 101, and a *p* note in measure 103.
- A4:** Vocal line is silent. Piano line features a *p* note in measure 99, a *p* note in measure 100, a *p* spun note in measure 101, and a *(p)* tap in measure 104.

System T:

- T1:** Vocal line is silent. Piano line features a *p* note in measure 99, a *p* note in measure 100, a *mb.* note in measure 101, and a *ppp* note in measure 102.
- T2:** Vocal line is silent. Piano line features a *unmeasured* note in measure 100, a *vb.* note in measure 101, and a *ppp* note in measure 102.
- T3:** Vocal line is silent. Piano line features a *p* note in measure 99, a *ppp* note in measure 100, a *p* note in measure 101, and a *ppp* note in measure 102.

System B:

- B1:** Vocal line is silent. Piano line features a *p* note in measure 99, a *ppp* tap in measure 101, a *p* spun note in measure 102, a *mf* tap in measure 103, and a *p* spun note in measure 104.
- B2:** Vocal line is silent. Piano line features a *p* note in measure 99, a *p* note in measure 100, a *p* spun note in measure 101, a *p* note in measure 102, and a *p* note in measure 103.
- B3:** Vocal line is silent. Piano line features a *p* note in measure 99, a *p* note in measure 100, a *p* spun note in measure 101, and a *p* note in measure 103.
- B4:** Vocal line is silent. Piano line features a *p* note in measure 99, a *p* note in measure 100, a *p* spun note in measure 101, and a *p* note in measure 103.

[illegible]

Score for 12 instruments: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and T2. The score is written for 12 staves, each with a vocal line (v.) and a piano line (p.). The instruments are grouped into four sections: A1, A2, A3, A4; T1, T2, T3; B1, B2, B3, B4; and T2. The score includes various musical notations, including notes, rests, and dynamic markings (p, f, ppp, mp, fp, p.p.). It also features performance instructions such as "scrape", "spun", "struck", "inhale", "sh-", "s-", "perc.", "mb.", "vb.", "unmeasured", "scrape tremolo", and "h-". The score is divided into measures by vertical bar lines, and the instruments are labeled on the left side of each staff.

This musical score is for a percussion ensemble, featuring multiple staves with various instruments and techniques. The score includes dynamic markings, articulation, and performance instructions.

Staves and Instruments:

- A1:** sh. (shaver), g. (gong), w.g. (wood gong)
- A2:** sh. (shaver), g. (gong), w.g. (wood gong)
- A3:** sh. (shaver), g. (gong), w.g. (wood gong)
- A4:** sh. (shaver), g. (gong), w.g. (wood gong)
- T1:** w.b. (wood block)
- T2:** vb. (vibraphone)
- T3:** toms & b.d. (tom-toms and bongo drums)
- B1:** sh. (shaver), g. (gong), w.g. (wood gong)
- B2:** sh. (shaver), g. (gong), w.g. (wood gong)
- B3:** sh. (shaver), g. (gong), w.g. (wood gong)
- B4:** sh. (shaver), g. (gong), w.g. (wood gong)

Performance Instructions and Markings:

- Dynamic Markings:** *f* (forte), *fp* (fortissimo), *p* (piano), *pp* (pianissimo), *wh.* (whisper), *unmeasured*.
- Articulation:** *inhale*, *scrape*, *struck*, *spun*, *h.* (hand), *sh.* (shaver), *ch.* (chime).
- Other Markings:** *mb.* (maracas), *perc.* (percussion), *scrape tremolo*, *wh.* (whisper), *p.p.* (pianissimo), *h.* (hand), *sh.* (shaver), *ch.* (chime).

Score for Percussion Ensemble (L Waves), measures 120-123. The score is written for 12 parts: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and Toms & B.D. (T3). The tempo is 48 beats per minute.

Measure 120:

- A1:** Inhale, sh- (p), spun, struck (fp).
- A2:** Inhale, sh- (p), spun, struck (fp), spun.
- A3:** Inhale, sh- (fp), spun, struck (p), spun.
- A4:** Inhale, sh- (p), spun, struck (p), spun (mf).
- T1:** (mp) < p, mb. (p).
- T2:** Inhale, f- (p), r. sn. t.t. p.
- T3:** Inhale, f- (p), toms & b.d. p.
- B1:** Inhale, sh- (p), spun, struck (p).
- B2:** Inhale, sh- (p), spun, struck (p).
- B3:** Inhale, sh- (p), spun, struck (p).
- B4:** Inhale, sh- (p), spun, struck (p).

Measure 121:

- A1:** Tapped (ppp), spun, p, tapped (mf), spun (p).
- A2:** Spun, p.
- A3:** Spun, p.
- A4:** Spun, p, tapped (p).
- T1:** p, ppp.
- T2:** vb. p, p.
- T3:** t.b. ppp.
- B1:** Tapped (ppp), spun, p, tapped (mf), spun (p).
- B2:** Spun, p, tapped, spun, p.
- B3:** Spun, p.
- B4:** Spun, p.

Measure 122:

- A1:** p.p. p.
- A2:** p.p. p.
- A3:** p.p. p.
- A4:** p.p. p.
- T1:** p.
- T2:** p.p. p.
- T3:** p.
- B1:** p.p. p.
- B2:** p.p. p.
- B3:** p.p. p.
- B4:** p.p. p.

Measure 123:

- A1:** p.p. p.
- A2:** p.p. p.
- A3:** p.p. p.
- A4:** p.p. p.
- T1:** p.
- T2:** p.p. p.
- T3:** p.
- B1:** p.p. p.
- B2:** p.p. p.
- B3:** p.p. p.
- B4:** p.p. p.

The musical score for "The Great Wall" by David Lang is presented in a multi-staff format. The score is divided into four main sections, each featuring a string quartet (A1-A4, T1-T2, T3, B1-B4) and percussion (T1, T2, T3). The string quartets are written in a simplified notation, with notes and rests on a five-line staff. The percussion parts are written in a more complex notation, including various rhythmic patterns and dynamics. The score includes a variety of musical notations, such as notes, rests, dynamics, and performance instructions. The dynamics range from *ppp* (pianississimo) to *fp* (fortissimo). The performance instructions include "circle", "bowed", "perc.", "superball", "scrape tremolo", "t.b.", "p.p.", and "t.b.". The score is in 4/4 time and is written for a large ensemble of 12 string quartets and percussion.

Score for 12 parts (A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and Percussion) across 12 measures.

Part A1: [v.] (Violin), [sh. g. w.g.] (Shamisen, Gong, Wadagoto). Measure 1: *p*. Measure 2: *fp* (8:7). Measure 3: *p*. Measure 4: *p*. Measure 5: *p*. Measure 6: *p*.

Part A2: [v.] (Violin), [sh. g. w.g.] (Shamisen, Gong, Wadagoto). Measure 1: *p*. Measure 2: *fp* (8:7). Measure 3: *p*. Measure 4: *p*. Measure 5: *p*. Measure 6: *p*.

Part A3: [v.] (Violin), [sh. g. w.g.] (Shamisen, Gong, Wadagoto). Measure 1: *(p)*. Measure 2: *fp* (8:7). Measure 3: *p*. Measure 4: *(p)*. Measure 5: *(p)*. Measure 6: *(p)*.

Part A4: [v.] (Violin), [sh. g. w.g.] (Shamisen, Gong, Wadagoto). Measure 1: *p*. Measure 2: *fp* (8:7). Measure 3: *p*. Measure 4: *p*. Measure 5: *p*. Measure 6: *p*.

Part T1: [v.] (Violin), [ct.] (Cello). Measure 1: *fp*. Measure 2: *p*. Measure 3: *ppp*. Measure 4: *p*. Measure 5: *ppp*. Measure 6: *p*.

Part T2: [v.] (Violin), [vb.] (Violoncello). Measure 1: *fp* (8:7). Measure 2: *p*. Measure 3: *ppp*. Measure 4: *p*. Measure 5: *ppp*. Measure 6: *perc.* (superball).

Part T3: [v.] (Violin), [t.b.] (Tuba). Measure 1: *fp* (8:7). Measure 2: *p*. Measure 3: *ppp*. Measure 4: *p*. Measure 5: *ppp*. Measure 6: *perc.*

Part B1: [v.] (Violin), [sh. g. w.g.] (Shamisen, Gong, Wadagoto). Measure 1: *p*. Measure 2: *p*. Measure 3: *p*. Measure 4: *p*. Measure 5: *p*. Measure 6: *p*.

Part B2: [v.] (Violin), [sh. g. w.g.] (Shamisen, Gong, Wadagoto). Measure 1: *p*. Measure 2: *p*. Measure 3: *p*. Measure 4: *p*. Measure 5: *p*. Measure 6: *p*.

Part B3: [v.] (Violin), [sh. g. w.g.] (Shamisen, Gong, Wadagoto). Measure 1: *p*. Measure 2: *(p)*. Measure 3: *fp* (6:5). Measure 4: *p*. Measure 5: *p*. Measure 6: *p*.

Part B4: [v.] (Violin), [sh. g. w.g.] (Shamisen, Gong, Wadagoto). Measure 1: *p*. Measure 2: *p*. Measure 3: *p*. Measure 4: *p*. Measure 5: *p*. Measure 6: *p*.

Score for Percussion and Strings, measures 138-143.

Drum Parts:

- A1:** snare (sh.), guitar (g.), woodblock (w.g.). Includes *struck* and *circle* markings.
- A2:** snare (sh.), guitar (g.), woodblock (w.g.). Includes *struck* and *circle* markings.
- A3:** snare (sh.), guitar (g.), woodblock (w.g.). Includes *circle* and *struck* markings.
- A4:** snare (sh.), guitar (g.), woodblock (w.g.). Includes *circle* and *struck* markings.
- T1:** cymbal (ct.).
- T2:** r. snare (r. sn.), tom-tom (t.t.). Includes *superball* and *scrape tremolo* markings.
- T3:** toms (toms) & bass drum (b.d.).
- B1:** snare (sh.), guitar (g.), woodblock (w.g.). Includes *circle* and *struck* markings.
- B2:** snare (sh.), guitar (g.), woodblock (w.g.). Includes *circle* and *struck* markings.
- B3:** snare (sh.), guitar (g.), woodblock (w.g.). Includes *circle* and *struck* markings.
- B4:** snare (sh.), guitar (g.), woodblock (w.g.). Includes *circle* and *struck* markings.

String Parts:

- T1:** Violin 1 (v.).
- T2:** Violin 2 (v.).
- T3:** Viola (v.).
- B1:** Violin 1 (v.).
- B2:** Violin 2 (v.).
- B3:** Viola (v.).
- B4:** Violin 1 (v.).

Performance Notes:

- Dynamic markings: *p*, *ppp*, *mf*, *f*, *fp*, *ppp*.
- Articulation: *struck*, *circle*, *superball*, *scrape tremolo*, *bowed*, *lv*, *t.b.*, *4:3*.
- Shaded regions: Pink (violin), Blue (guitar/woodblock), Green (scrape tremolo), Orange (toms/bass drum).

Score for 14 instruments, organized into four systems of four staves each. The instruments are: V1, A1, V2, A2, V3, A3, V4, A4, T1, T2, T3, B1, B2, B3, and B4.

System 1 (V1-A4):

- V1:** Violin 1. Notes with pink shading. Dynamics: *p*.
- A1:** Viola 1. Notes with blue shading. Includes a "circle" box. Dynamics: *p*, *struck*, *(p)*, *ppp*.
- V2:** Violin 2. Notes with pink shading. Dynamics: *p*, *(p)*.
- A2:** Viola 2. Notes with blue shading. Includes a "circle" box. Dynamics: *p*, *struck*.
- V3:** Violin 3. Notes with pink shading. Dynamics: *p*.
- A3:** Viola 3. Notes with blue shading. Includes a "circle" box. Dynamics: *p*, *struck*.
- V4:** Violin 4. Notes with pink shading. Dynamics: *p*.
- A4:** Viola 4. Notes with blue shading. Includes a "circle" box. Dynamics: *p*, *struck*, *mf*.

System 2 (T1-T3):

- T1:** Trumpet 1. Notes with yellow shading. Dynamics: *p*, *ppp*, *p*, *ppp*, *p*.
- T2:** Trumpet 2. Notes with yellow shading. Includes "bowed", "LV", "scrape tremolo", "perc.", "vb.", "superball", and "vb." boxes. Dynamics: *p*, *ppp*, *p*, *(p)*, *ppp*, *p*.
- T3:** Trumpet 3. Notes with yellow shading. Includes "LV" and "perc." boxes. Dynamics: *p*, *ppp*, *p*, *ppp*, *p*, *ppp*.

System 3 (B1-B4):

- B1:** Bassoon 1. Notes with blue shading. Dynamics: *p*.
- B2:** Bassoon 2. Notes with blue shading. Dynamics: *p*.
- B3:** Bassoon 3. Notes with blue shading. Dynamics: *p*.
- B4:** Bassoon 4. Notes with blue shading. Dynamics: *p*.

Score for 12 instruments: A1, A2, A3, A4, T1, T2, T3, B1, B2, B3, B4, and an unlabeled Treble staff.

Instrument A1: [v.] (voice), [sh. g. w.g.] (string quartet). Dynamics: *p*, *fp* (3:2 ratio), *p*.

Instrument A2: [v.] (voice), [sh. g. w.g.] (string quartet). Dynamics: *fp*, *p*, *(p)*.

Instrument A3: [v.] (voice), [sh. g. w.g.] (string quartet). Dynamics: *(p)*, *fp*, *p*.

Instrument A4: [v.] (voice), [sh. g. w.g.] (string quartet). Dynamics: *p*, *fp* (6:5 ratio), *p*.

Instrument T1: [v.] (voice), [et.] (electric guitar). Dynamics: *ppp*, *p*, *ppp*, *p* (mb. marking).

Instrument T2: [v.] (voice), [vb.] (violin). Dynamics: *ppp*, *p*, *ppp*, *p*, *fp*, *(p)*, *p* (superball, perc. markings).

Instrument T3: [v.] (voice), [t.b.] (trumpet). Dynamics: *p*, *ppp*, *p* (perc. marking).

Instrument B1: [v.] (voice), [sh. g. w.g.] (string quartet). Dynamics: *p*, *(p)*, *p*.

Instrument B2: [v.] (voice), [sh. g. w.g.] (string quartet). Dynamics: *p*, *(p)*, *p*.

Instrument B3: [v.] (voice), [sh. g. w.g.] (string quartet). Dynamics: *p*, *ppp*, *p*.

Instrument B4: [v.] (voice), [sh. g. w.g.] (string quartet). Dynamics: *p*, *(p)*, *ppp*, *p*, *p*.

Unlabeled Treble staff: [v.] (voice), [sh. g. w.g.] (string quartet). Dynamics: *p*, *ppp*, *p*, *p*.

Other markings include: *circle*, *struck*, *scrape tremolo*, and various performance instructions like *bowed*, *LV*, *perc.*, *superball*, and *mb.*

Score for Percussion and Strings, measures 156-160.

Strings (A1, A2, A3, A4): Violin (v.), Viola (v.), and Cello/Double Bass (sh., g., w.g.).

Percussion (T1, T2, T3): Timpani (mb.), Tom-toms (r., sn., t.t.), and Toms & Bells (toms & b.d.).

Other Percussion (B1, B2, B3, B4): Bongos, Maracas, and other small percussion instruments.

Performance Instructions:

- Sh. (Shaver):** Circle indicates a specific technique.
- G. (Gong):** Circle indicates a specific technique.
- W.g. (Wire Gong):** Circle indicates a specific technique.
- Struck:** Indicated by a green box.
- Circle:** Indicated by a red box.
- ct. (Cymbal):** Indicated by a yellow box.
- lv. (Lute):** Indicated by a yellow box.
- bowed:** Indicated by a yellow box.
- vb. (Vibraphone):** Indicated by a yellow box.
- perc. (Percussion):** Indicated by a yellow box.
- scrape tremolo:** Indicated by a green box.
- t.b. (Toms & Bells):** Indicated by a yellow box.
- 3:2:** Indicated by a green box.
- 7:6:** Indicated by a green box.

Dynamic Markings: *p* (piano), *fp* (fortissimo), *ppp* (pianissimo), *f* (forte).

[illegible]

Score for 12 parts: A1, A2, A3, A4, [v.], T1 [ct.], T2 [vb.], [v.], T3 [t.b.], B1, B2, B3, B4.

Parts A1, A2, A3, and A4 are marked with *sh.*, *g.*, and *w.g.* and feature a *circle* annotation. They consist of a single note on a staff with a purple shaded area below it.

Parts [v.], T1 [ct.], T2 [vb.], [v.], T3 [t.b.], B1, B2, B3, and B4 are marked with *sh.*, *g.*, and *w.g.* and feature a *circle* annotation. They consist of a single note on a staff with a purple shaded area below it.

Parts [v.] and T1 [ct.] have additional markings: *fp*, *3:2*, *p*, *fp*, *bowed*, *LV*, and *ppp*.

Parts [v.] and T2 [vb.] have additional markings: *p*, *LV*, *bowed*, and *ppp*.

Parts [v.] and T3 [t.b.] have additional markings: *p*, *LV*, and *ppp*.

Scores available from the composer at
josephine-wolf-oberholtzer.com

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