

Dave Soldier / Wade Ripka
Richard Lair
Thai Elephant Orchestra

Thung Kwian Sunrise

for (human) symphony orchestra

opus 27, 6 minutes, 2012



The orchestra is:

Flute, oboe, clarinet, bassoon, French horn, trumpet in C, trombone, percussion (glockenspiel, snare drum, cymbals), piano, and strings

This music was originally improvised by members of the Thai Elephant Orchestra, a group of musical elephants living at the Thai Elephant Conversation Center near Lampang in northern Thailand.

Conservationist Richard Lair and musician Dave Soldier built giant instruments for them, and they have recorded three CDs.

Wade Ripka transcribed the elephant's performance, and his transcription is in smaller size at the bottom of the orchestra parts: these are for reference, not performance.

The human orchestral arrangement is by Dave Soldier.

The original elephant version of *Thung Kwian Sunrise* is heard on *The Thai Elephant Orchestra*, a 2001 CD by the Thai Elephant Orchestra with Richard Lair and Dave Soldier (Mulatta Records MUL004, www.mulatta.org).

The conductor and orchestra are advised to listen to the original version for advice on interpretation.

Version from November 17, 2012

Thung Kwian Sunrise

Soldier/Ripka/Lair/Thai Elephant Orchestra

A $\text{♩} = 54$

The score is written for a large ensemble. The top section includes Flute, Oboe, Clarinet in B \flat , Bassoon, Horn in F, Trumpet in C, and Trombone. The middle section includes Cymbals, Percussion, Glockenspiel, and Piano. The bottom section includes Violin I, Violin II, Viola, Cello, Contrabass, and Elephants (Renaat 1). The score is in 4/4 time with a tempo of $\text{♩} = 54$. It features various dynamics such as *pp*, *p*, *mp*, and *ppp*, along with performance instructions like 'mute', 'Harmon mute', 'Senza sord.', 'Mute breathy harmonics', 'pizz.', 'arco', 'solo', and 'tutti arco'. The piano part includes a specific instruction: 'lid open, a low octave of black notes taped down or if not possible, hold down black notes with left hand whenever possible'. The elephant part consists of a simple, rhythmic line.

Thung Kwian Sunrise

Musical score for "Thung Kwian Sunrise", page 2. The score is written in G major (one sharp) and 4/4 time. The music begins at measure 10.

Flute (Fl.): Remains silent throughout the page.

Oboe (Ob.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*.

Bass Clarinet (Bs. Cl.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*.

Bassoon (Bsn.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*.

Horn (Hn.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*.

Trumpet (C Tpt.): Remains silent throughout the page.

Trombone (Tbn.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*.

Cymbal (Cym.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*.

Gong (Gk.): Remains silent throughout the page.

Piano (Pno.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*.

Violin I (Vln. I): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *pp*. Playing *arco*.

Violin II (Vln. II): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *pp*. Playing *arco*.

Viola (Vla.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*. Playing *arco*.

Violoncello (Vc.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*. Playing *arco*.

Double Bass (Cb.): Enters in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*. Playing *arco*. Note: "B on E string".

Flutes (Ellies): Ren 1 and Ren 2. Both enter in measure 10 with a half note D5, followed by a triplet eighth-note figure (E5, F5, G5) and a half note A5. Dynamics: *p*.

This page of the musical score for "Thung Kwian Sunrise" features the following instruments and parts:

- Fl.**: Flute, starting at measure 17 with dynamics *f p f p*, then *f*, and ending with *p*.
- Ob.**: Oboe, starting at measure 17 with *mf* and ending with *p*.
- B. Cl.**: Bass Clarinet, starting at measure 17 with *mf* and ending with *p*.
- Bsn.**: Bassoon, starting at measure 17 with *p* and ending with *mf*.
- Hn.**: Horn, starting at measure 17 with *p*, marked "Senza sord.", and ending with *mf*.
- C Tpt.**: Cornet Trumpet, starting at measure 17 with *mf* and ending with *mf*.
- Tbn.**: Trombone, starting at measure 17 with *p* (marked "mute"), and ending with *mp* (marked "Senza sord.").
- Cym.**: Cymbal, starting at measure 17 with *mf*.
- Glk.**: Glockenspiel, starting at measure 17.
- S.Dr.**: Snare Drum, starting at measure 17 with *mf*.
- Pno.**: Piano, starting at measure 17 with *f p f p*, then *f*, and ending with *pp*.
- Vln. I**: Violin I, starting at measure 17 with *f*, marked "solo", and ending with *p* (marked "tutti").
- Vln. II**: Violin II, starting at measure 17 with *p* and ending with *p*.
- Vla.**: Viola, starting at measure 17 with *p* and ending with *p*.
- Vc.**: Violoncello, starting at measure 17 with *f p f p*, marked "Div.", and ending with *p*.
- Cb.**: Double Bass, starting at measure 17 with *mp* (marked "1 finger"), then *f*, and ending with *pp*.
- Ren 1**: First Timpani.
- Ren 2**: Second Timpani.
- Thun.**: Tom-tom, starting at measure 17.

Thung Kwian Sunrise

22

Fl. *pp* *mp pp* *p*

Ob. *pp* *mp* *pp*

Bs. Cl. *pp* *mp* *pp*

Bsn. *pp* *mp*

Hn. *mp*

C Tpt. Harmon mute *mp*

Tbn. *mp*

Glk. *mp*

Pno. *mp*

Vln. I *pp* *pizz. solo* *p* *arco tutti*

Vln. II *p*

Vla. *p*

Vc. *p*

Cb. *p*

Ren 1

Ellies Ren 2

Thun.

Mute Div. *pp* *pizz. solo* *p* *arco tutti*

$\text{♩} = 60$

B

29 C ♩ = 64

Fl. *pp*

Ob. *mf pp mf pp f*

Bs. Cl. *mf p f*

Bsn. *mf pp mf p f*

Hn. *mp*

C Tpt. *p*

Cym.

Glk. *pp*

Pno. *p*

Vln. I *mf pp mf p f arco pp*

Vln. II *mf pp mf p f mp*

Vla. *pp mp*

Vc. *pp* Mute *pp arco*

Cb. *f*

Ren 1

Ren 2

Ellies

The musical score is arranged in a standard orchestral format with the following parts and markings:

- Fl.:** Flute part starting at measure 34 with a tempo marking of $\text{♩} = 54$. It features a melodic line with a long slur.
- Ob.:** Oboe part with a similar melodic line to the flute.
- B. Cl.:** Bass Clarinet part with a melodic line.
- Hn.:** Horn part with a melodic line.
- Glk.:** Glockenspiel part with a melodic line.
- Vln. I:** Violin I part with a dense, rhythmic texture of sixteenth notes, marked *p*. It includes a section marked *arco* starting at measure 34.
- Ve.:** Violoncello part with a dense, rhythmic texture of sixteenth notes, marked *p* and *pp*.
- Ren 1:** Reed Ensemble 1 part with a melodic line.
- Ren 2:** Reed Ensemble 2 part with a melodic line.

The score is written in a key signature of three sharps (F#, C#, G#) and a 4/4 time signature. It includes various musical notations such as slurs, accents, and dynamic markings.

36

Fl. flutter *mf* *pp* ♩=60

Ob. *pp*

B. Cl. flutter *mf*

Bsn. *pp*

Hn. *mp* *mf*

C Tpt. *mp* *mf*

Tbn. *mp* *mf*

Glk. *mp* *mf*

Pno. *mp* *mf* *ppp*

Vln. I Senza sord. *pp* ♩=60

Vln. II *pp*

Vla. Senza sord. *pp*

Vc. *pp*

Ren 1 *mf*

Ren 2

Thung Kwian Sunrise

40

Fl. *p* *mf* *pp*

Ob. *p* *mf* *pp*

B♭ Cl. *p*

Bsn. *pp* 6 6 6 6 6 6 6 6 6 6 6 6 *mp*

Hn. *p* *p* *pp* *f* 6

C Tpt. *mp*

Tbn. *p* *pp*

Glk. gliss up & down on C major scale *p* *pp*

Pno.

Vln. I solo Senza sord. *pp* tutti Div. *mp* *pizz.*

Vln. II *pp* *pizz.* *mp* *pizz.*

Vla. *mp* *pizz.*

Vc. solo *pp* *pizz.* *mf* tutti Senza sord. *mp* *pizz.*

Cb. *pp* *mp*

Ren 1

Ren 2

D ♩=54

Thung Kwian Sunrise

Fl. *p* *pp* $\text{♩} = 64$ **E** $\text{♩} = 54$

Ob. *mf* *p* *pp*

B. Cl. *mf* *pp*

Bsn. *pp*

Hn. *pp*

C Tpt. *pp*

Tbn. *pp*

Cym. *pp*

S.Dr. *pp*

Pno. *pp*

Vln. I *pp* arco 1 finger $\text{♩} = 64$ **E** $\text{♩} = 54$

Vln. II *pp* arco 1 finger

Vla. *pp* arco

Vc. *pp* arco

Cb. *p* arco

Ren 1

Ren 2

Thung Kwian Sunrise

This page of the musical score for "Thung Kwian Sunrise" features a variety of instruments. The woodwinds (Flute, Oboe, Clarinet, Bassoon, Horn, Trumpet, Trombone) and strings (Violin I, Violin II, Viola, Violoncello, Contrabasso) are primarily active in the first two measures, with some instruments (C Trumpet, Trombone, Piano, Contrabasso) showing dynamics of *ppp* and *mf* in the subsequent measures. The Piano part includes a complex sixteenth-note pattern in the first two measures, marked with a '6' below the notes. The Percussion parts (Ren 1 and Ren 2) are active throughout the section. The score is written in a key signature of three sharps (F#, C#, G#) and a 4/4 time signature.

48

Fl.

Ob.

B♭ Cl.

Bsn.

6

6

6

6

6

6

6

6

48

Hn.

C Tpt.

Tbn.

Pno.

6

6

6

6

6

6

6

6

mf

ppp

mf

ppp

ppp

48

Vln. I

Vln. II

Vla.

Vc.

Cb.

ppp

ppp

3-43

Ellies

Ren 1

Ren 2

This page of the musical score, page 11, contains parts for the following instruments and voices:

- Fl.** (Flute): Starts at measure 52, playing a melodic line with dynamics *p*.
- Ob.** (Oboe): Starts at measure 52, playing a melodic line with dynamics *p*.
- Bs. Cl.** (Bass Clarinet): Starts at measure 52, playing a melodic line with dynamics *mp* and *p*.
- Hn.** (Horn): Starts at measure 52, playing a melodic line with dynamics *p*.
- C Tpt.** (C Trumpet): Starts at measure 52, playing a melodic line with dynamics *mp* and *p*.
- Tbn.** (Trombone): Starts at measure 52, playing a melodic line with dynamics *mp* and *p*.
- Cym.** (Cymbal): Starts at measure 52, playing a melodic line with dynamics *pp*.
- Pno.** (Piano): Starts at measure 52, playing a melodic line with dynamics *f* and *pp*. Includes the instruction "use rolls to sustain".
- Vln. I** (Violin I): Starts at measure 52, playing a melodic line with dynamics *f*, *p*, *pp*, and *p*. Includes the instruction "pizz.".
- Vln. II** (Violin II): Starts at measure 52, playing a melodic line with dynamics *f*, *p*, *pp*, and *p*. Includes the instruction "pizz.".
- Vla.** (Viola): Starts at measure 52, playing a melodic line with dynamics *f*, *p*, and *pp*. Includes the instruction "pizz.".
- Vec.** (Violoncello): Starts at measure 52, playing a melodic line with dynamics *mp*.
- Cb.** (Cello): Starts at measure 52, playing a melodic line with dynamics *mp*.
- Ren 1** (Reinforced Tenor 1): Starts at measure 52, playing a melodic line with dynamics *mp*.
- Ren 2** (Reinforced Tenor 2): Starts at measure 52, playing a melodic line with dynamics *mp*.
- Thun.** (Thorn): Starts at measure 52, playing a melodic line with dynamics *mp*.

The score includes various musical notations such as dynamics (*f*, *pp*, *mp*, *p*), articulation (*pizz.*, *arco*), and performance instructions like "use rolls to sustain". A key signature change to F major is indicated by a box labeled "F" and a tempo marking of $\text{♩} = 64$ is present at measure 52.

G $\text{♩} = 54$

Fl. *p* *pp*

Ob. *p* *pp* *mf*

Bs. Cl. *p* *pp* *mf*

Bsn. *p* *mf*

Hn. *p*

C Tpt. *p*

Tbn. *p*

Cym. *p*

Glk. *mf*

Pno. *p* *mf*

G $\text{♩} = 54$

Vln. I *pp* *p* *mf* col legno

Vln. II *pp* *p* *mf* col legno

Vla. *pp* *mp* *mf* col legno

Vc. *mp*

Cb. *p*

Ren 1

Ren 2

Thun. *pp*

64

Fl. *p*

Ob. *p*

B♭ Cl. *p*

Bsn. *p*

Hr. *p*

C Tpt. *mp*

Tbn. *f* *p*

Cym. *p*

Glk. *p*

Pno. *pp* *p*

Vln. I arco *p*

Vln. II *p* col legno *f*

Vla. *f* pizz. *f*

Vc. *mf* pizz. *p*

Cb. *p* arco

Ren 1

Ren 2

Thun.

H $\text{♩} = 60$

Fl. *p* *f* *pp*

Ob. *p* *f* *p* *mf*

B♭ Cl. *p* *f* *p*

Bsn. *p* *f*

Hn. *p* *f* *pp*

Glk. *f* *pp*

Pno. *f* *pp*

H $\text{♩} = 60$

Vln. I *mp*

Vln. II *mp* arco

Vla. *mp* arco

Vc. *mp* *f*

Ren 1

Ren 2

Ellies

73 1 ♩=54

Fl. *mf*

Ob. *mf*

Hn. *mf*

C Tpt. *mf* Senza sord.

Tbn. *mf*

Cym.

Glk.

Pno.

Vln. I *pp*

Vln. II *pp*

Vla. *pp*

Vc. *f*

Cb. *mp* *f*

Ren 1

Ren 2

Thun.

Detailed description: This page of a musical score contains measures 73 through 76. The score is for a full orchestra and includes parts for Flute, Oboe, Horn, C Trumpet, Trombone, Cymbal, Glockenspiel, Piano, Violin I, Violin II, Viola, Violoncello, Contrabass, and two snare drums (Ren 1, Ren 2) and a tom-tom (Thun.). The key signature is three sharps (F#, C#, G#) and the time signature is 4/4. Measure 73 begins with a first ending bracket. The tempo is marked as quarter note = 54. Dynamics include *mf* (mezzo-forte), *pp* (pianissimo), and *f* (forte). Performance instructions include 'Senza sord.' for the trumpets and a triplet of eighth notes in the trombone part. The score features various musical notations such as slurs, ties, and articulation marks.

Thung Kwian Sunrise

Fl. *mf* *mp* *pp* *J* ♩=50

Ob. *mp* *pp*

Bs. Cl. *pp* *mp* *pp*

Bsn. *mp*

Hn. *mp*

C Tpt. *mp*

Tbn. *mp*

Cym. *f* *mf*

Glk. *f* *mf*

Pno. *pp* *mp* *p* *pp* *mp* *p*

Vln. I *mp* *J* ♩=50

Vln. II *mp* *pp*

Vla. *mp*

Vc. *mp*

Cb.

Ren 1

Ren 2

Thun.

81

Fl. *pp*

Ob.

B \flat Cl.

C Tpt.

Tbn.

Cym.

Glk.

Pno. *pp*

Vln. I *pp*

Vln. II

Vla. *pp*

Vc.

Cb. *f*

Ren 1

Ren 2

ppp

mf

pp

pp

f

f

Detailed description: This page of a musical score, titled 'Thung Kwian Sunrise', is page 17. It features a full orchestral and chamber ensemble. The instruments listed are Flute (Fl.), Oboe (Ob.), Bass Clarinet (B \flat Cl.), C Trumpet (C Tpt.), Trombone (Tbn.), Cymbals (Cym.), Glockenspiel (Glk.), Piano (Pno.), Violin I (Vln. I), Violin II (Vln. II), Viola (Vla.), Violoncello (Vc.), Contrabass (Cb.), and two Reed parts (Ren 1 and Ren 2). The score is in a key signature of three sharps (F#, C#, G#) and a 4/4 time signature. The first measure of the page is marked with a rehearsal cue '81'. The Flute, Oboe, and Bass Clarinet parts begin with a *pp* dynamic. The C Trumpet and Trombone parts are silent until the second measure, where they enter with *ppp* and *mf* dynamics respectively. The Cymbals and Glockenspiel parts enter in the second measure with *ppp*. The Piano part has a *pp* dynamic in the first measure and a *pp* dynamic in the second measure. The Violin I and II parts begin with a *pp* dynamic. The Viola part begins with a *pp* dynamic. The Violoncello part is silent until the second measure, where it enters with a *f* dynamic. The Contrabass part is silent until the second measure, where it enters with a *f* dynamic. The Reed parts (Ren 1 and Ren 2) play a rhythmic pattern throughout the page. The score includes various musical notations such as slurs, ties, and dynamic markings.