

Strings

Sam Annand / Macrotonal Ensemble

Violin Lead 1	
Violin Lead 2	
Violin Lead 3	
Violin Lead 4	
Green Violin 1	
Green Violin 2	
Blue Viola 1	
Blue Viola 2	
Blue Viola 3	
Blue Viola 4	
Red Cello 1	
Red Cello 2	
Blue Cello	
Low Cello 1	
Low Cello 2	
Low Cello 3	

8

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

16

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

The musical score is written for measures 16 through 23. The first two measures (16 and 17) show rests for all string parts. From measure 18 to 23, the following parts are active:

- Blue Viola 1 & 2:** Play a melodic line of eighth notes, primarily on the notes G4 and A4, with some ties.
- Red Cellos 1 & 2:** Play a melodic line of eighth notes, primarily on the notes E3 and F3, with some ties.
- Blue Cello:** Plays a melodic line of eighth notes, primarily on the notes G2 and A2, with some ties.
- Other parts (Vln Lds, Green Vlns, Bl Vla. 3, Blue Vla. 4, Low Celos):** Remain at rest throughout the entire passage.

24

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

33

The musical score is organized into 12 staves, each with a label on the left. The first four staves (Vln Ld. 1-4) are in treble clef and contain whole rests. The next four staves (Green Vln. 1-2, Bl Vla. 1-4) are in treble clef and contain eighth notes with stems colored red, green, and blue. The next two staves (Red Cel. 1-2, Blue Cello) are in bass clef and contain eighth notes with stems colored red and blue. The last four staves (Low Cel. 1-3) are in bass clef and contain whole rests. The score is divided into measures by vertical bar lines, with measure numbers 33 through 40 indicated at the top of the first staff.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

41

The musical score is organized into 12 staves, each with a label on the left. Measures 41 through 48 are shown. Measures 41-42 are mostly rests for the top four staves. Measures 43-48 contain active musical notation for the Green Violins, Blue Violas, Red Cellos, and Blue Cello. The notation includes various note values (half notes, quarter notes), rests, and dynamic markings like *mf* and *f*. The bottom four staves (Low Cellos) are empty throughout the entire passage.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

49

The musical score is organized into 12 staves. The first four staves are Violins (Vln Ld. 1-4), all of which are silent (indicated by horizontal lines) throughout the measures. The next two staves are Green Violins (Green Vln. 1-2), which play a melodic line with red and green notes, often beamed in pairs. The following four staves are Blue Violas (Bl Vla. 1-4), which play a melodic line with blue notes, often beamed in pairs. The next two staves are Red Cellos (Red Cel. 1-2), which play a melodic line with red notes, often beamed in pairs. The final two staves are Blue Cello (Blue Cello) and three Low Cellos (Low Cel. 1-3), all of which are silent (indicated by horizontal lines) throughout the measures.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

57

The musical score for measures 57-64 is organized into 13 staves. The first four staves (Violins 1-4) are in treble clef and contain whole rests. The next four staves (Green Violins 1-2 and Blue Violas 1-4) are in treble clef and play a melodic line with eighth and quarter notes, featuring various accidentals and ties. The next two staves (Red Cellos 1-2) are in bass clef and play a steady eighth-note pattern. The final three staves (Blue Cello, Low Cellos 1-3) are in bass clef and contain whole rests.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

65

The musical score for measures 65-69 is organized into five systems. The first system (measures 65-66) features four Violin parts (Vln Ld. 1-4) with whole rests and two Green Violin parts (Green Vln. 1-2) with half notes. The second system (measures 67-68) features four Blue Viola parts (Bl Vla. 1-4) with half notes and two Red Cello parts (Red Cel. 1-2) with half notes. The third system (measures 69-70) features one Blue Cello part (Blue Cello) with half notes and three Low Cello parts (Low Cel. 1-3) with whole rests. The fourth system (measures 71-72) features four Violin parts (Vln Ld. 1-4) with whole rests and two Green Violin parts (Green Vln. 1-2) with half notes. The fifth system (measures 73-74) features four Blue Viola parts (Bl Vla. 1-4) with half notes and two Red Cello parts (Red Cel. 1-2) with half notes. The sixth system (measures 75-76) features one Blue Cello part (Blue Cello) with half notes and three Low Cello parts (Low Cel. 1-3) with whole rests.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

70

The musical score for measures 70-74 is organized into five systems. The first system contains four staves for Violins (Vln Ld. 1-4), all of which are silent, indicated by a whole rest on the first line of each staff. The second system contains two staves for Green Violins (Green Vln. 1-2), both playing a melodic line of eighth notes with a repeating pattern of blue and green notes, starting on a sharp sign. The third system contains four staves for Blue Violas (Bl Vla. 1-4), all playing a melodic line of eighth notes with a repeating pattern of blue notes, starting on a sharp sign. The fourth system contains three staves for Red Cellos (Red Cel. 1-3), all playing a melodic line of eighth notes with a repeating pattern of red notes, starting on a sharp sign. The fifth system contains three staves for Low Cellos (Low Cel. 1-3), all of which are silent, indicated by a whole rest on the first line of each staff.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

75

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

84

The musical score for measures 84-93 is organized into five systems. The first system (measures 84-85) contains four Violin parts (Vln Ld. 1-4) and two Green Violin parts (Green Vln. 1-2), all of which are silent. The second system (measures 86-87) contains four Blue Viola parts (Bl Vla. 1-4) and one Blue Cello part (Blue Cello), all playing a melodic line of eighth notes. The third system (measures 88-89) contains two Red Cello parts (Red Cel. 1-2) and one Low Cello part (Low Cel. 1), all playing a melodic line of eighth notes. The fourth system (measures 90-91) contains two Red Cello parts (Red Cel. 1-2) and one Low Cello part (Low Cel. 2), all playing a melodic line of eighth notes. The fifth system (measures 92-93) contains three Low Cello parts (Low Cel. 1-3), all of which are silent.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

93

The musical score for page 93 consists of 13 staves, each with a unique color and instrument type. The staves are arranged vertically, with the top four staves (Vln Ld. 1-4) in treble clef and the bottom nine staves (Green Vln. 1-2, Bl Vla. 1-4, Red Cel. 1-2, Blue Cello, Low Cel. 1-3) in bass clef. The score is written in a 4/4 time signature. The top four staves (Vln Ld. 1-4) are marked with a '93' at the beginning. The first two staves (Vln Ld. 1 and 2) feature blue notes and stems, with a yellow note on the fifth staff. The next two staves (Vln Ld. 3 and 4) are marked with a '93' at the beginning. The next two staves (Green Vln. 1 and 2) are marked with a '93' at the beginning. The next four staves (Bl Vla. 1-4) are marked with a '93' at the beginning. The next two staves (Red Cel. 1 and 2) are marked with a '93' at the beginning. The next two staves (Blue Cello and Low Cel. 1) are marked with a '93' at the beginning. The final staff (Low Cel. 2) is marked with a '93' at the beginning. The score is written in a 4/4 time signature. The first two staves (Vln Ld. 1 and 2) feature blue notes and stems, with a yellow note on the fifth staff. The next two staves (Vln Ld. 3 and 4) are marked with a '93' at the beginning. The next two staves (Green Vln. 1 and 2) are marked with a '93' at the beginning. The next four staves (Bl Vla. 1-4) are marked with a '93' at the beginning. The next two staves (Red Cel. 1 and 2) are marked with a '93' at the beginning. The next two staves (Blue Cello and Low Cel. 1) are marked with a '93' at the beginning. The final staff (Low Cel. 2) is marked with a '93' at the beginning.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

101

This musical score page contains measures 101 through 108. The instrumentation includes Violins (Vln), Green Violins (Green Vln), Blue Violas (Bl Vla), Red Cellos (Red Cel), and Blue Cello (Blue Cello). The Violin and Green Violin parts play a melodic line with eighth notes and a half note, featuring a key signature change to one sharp (F#) in measure 102. The Blue Viola and Blue Cello parts play a steady eighth-note accompaniment. The Red Cello parts play a half-note accompaniment. Measures 103 through 108 show the continuation of these parts, with the Violin and Green Violin parts ending on a half note in measure 108.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

109

The musical score for measures 109-116 is organized into 13 staves. The first four staves are Violins (Vln. 1-4), the next four are Green Violins (Green Vln. 1-4), the next four are Blue Violas (Bl Vla. 1-4), and the last five are Cellos (Red Cel. 1-2, Blue Cello, Low Cel. 1-3). The Violins and Green Violins play a melodic line with blue and yellow notes, while the Blue Violas and Blue Cello play a rhythmic pattern with blue notes. The Red Cellos play a rhythmic pattern with red notes. The Low Cellos are silent.

Vln. 1

Vln. 2

Vln. 3

Vln. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

117

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

125

The musical score is arranged in 12 staves. The first four staves are Violins (Vln) in treble clef, the next four are Green Violins (Green Vln.) in treble clef, the next four are Blue Violas (Blue Vla.) in alto clef, and the last four are Cellos (Cel.) in bass clef. The score consists of 8 measures. Measures 1-4 show a melodic line in the Violins and Green Violins, with the Blue Violas and Red Cellos providing harmonic support. Measures 5-8 show a continuation of the melodic line, with the Blue Violas and Red Cellos providing harmonic support. The Blue Cello (Blue Cello) is also present in the score, playing a melodic line in measures 1-4 and a harmonic line in measures 5-8. The Red Cellos (Red Cel. 1 and 2) are also present in the score, playing a melodic line in measures 1-4 and a harmonic line in measures 5-8. The Low Cellos (Low Cel. 1, 2, and 3) are also present in the score, playing a melodic line in measures 1-4 and a harmonic line in measures 5-8.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

133

This musical score page contains measures 133 through 140. The instrumentation includes Violins (Vln), Green Violins (Green Vln), Blue Violas (Bl Vla), Red Cellos (Red Cel), Blue Cello (Blue Cello), and Low Cellos (Low Cel). The Violin and Viola parts feature complex melodic lines with various articulations and color-coded notes (blue, yellow, green). The Cello parts provide a rhythmic and harmonic foundation with sustained notes and some melodic movement. The Green Violin and Low Cello parts are mostly silent, indicated by rests.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

141

The musical score is organized into 12 staves, each with a color-coded label on the left. The staves are: Vln Ld. 1, Vln Ld. 2, Vln Ld. 3, Vln Ld. 4, Green Vln. 1, Green Vln. 2, Bl Vla. 1, Bl Vla. 2, Bl Vla. 3, Blue Vla. 4, Red Cel. 1, Red Cel. 2, Blue Cello, Low Cel. 1, Low Cel. 2, and Low Cel. 3. The first four staves (Vln Ld.) are in treble clef, while the remaining eight are in bass clef. The score spans 8 measures. The Violin Leads (Vln Ld.) play a melodic line with blue and yellow notes, including a sharp sign in measure 7. The Green Violins (Green Vln.) and Low Cellos (Low Cel.) are silent, indicated by horizontal bars. The Blue Violas (Bl Vla.) and Blue Cello play a rhythmic pattern of eighth notes with blue stems. The Red Cellos (Red Cel.) play a rhythmic pattern of eighth notes with red stems. The Blue Cello has blue stems. The Low Cellos have black stems.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

149

The musical score is organized into 12 staves, each with a color-coded label on the left. The staves are: Vln Ld. 1, Vln Ld. 2, Vln Ld. 3, Vln Ld. 4, Green Vln. 1, Green Vln. 2, Bl Vla. 1, Bl Vla. 2, Bl Vla. 3, Blue Vla. 4, Red Cel. 1, Red Cel. 2, Blue Cello, Low Cel. 1, Low Cel. 2, and Low Cel. 3. The first four staves (Vln Ld.) are in treble clef, while the remaining eight are in bass clef. The score contains 8 measures of music. The Vln Ld. staves feature complex melodic lines with various note colors (blue, yellow, green) and accidentals. The Green Vln. staves are silent, indicated by horizontal bars. The Bl Vla. staves play a rhythmic pattern of eighth notes. The Red Cel. and Blue Cello staves play a sustained, low-frequency line. The Low Cel. staves are silent, indicated by horizontal bars.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

157

The musical score is organized into 12 staves, each with a color-coded label on the left. The staves are: Vln Ld. 1, Vln Ld. 2, Vln Ld. 3, Vln Ld. 4, Green Vln. 1, Green Vln. 2, Bl Vla. 1, Bl Vla. 2, Bl Vla. 3, Blue Vla. 4, Red Cel. 1, Red Cel. 2, Blue Cello, Low Cel. 1, Low Cel. 2, and Low Cel. 3. Measures 157-164 are shown. The Violin and Viola parts feature various melodic lines with blue, yellow, and green notes. The Cello parts feature red and blue notes. The Green Violin and Low Cello parts are mostly silent, indicated by rests.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

165

The musical score is arranged in 13 staves. The first four staves are Violins (Vln Ld. 1-4) in treble clef. The next two staves are Green Violins (Green Vln. 1-2) in treble clef, which are silent. The following four staves are Blue Violas (Bl Vla. 1-4) in alto clef. The next three staves are Red Cellos (Red Cel. 1-3) in bass clef. The next one staff is Blue Cello (Blue Cello) in bass clef. The final three staves are Low Cellos (Low Cel. 1-3) in bass clef. The score shows measures 165 through 170. Measures 165-166 feature active melodic lines in the Violins and Blue Violas, while the Red Cellos and Low Cellos play sustained notes. Measures 167-170 show a change in the texture, with the Violins and Blue Violas continuing their melodic lines and the Low Cellos playing a more active, rhythmic pattern. The Red Cellos and Blue Cello remain silent in measures 167-170.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

171

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

176

The musical score for measures 176-181 is as follows:

Instrument	Measure 176	Measure 177	Measure 178	Measure 179	Measure 180	Measure 181
Vln Ld. 1	Blue half note	Yellow sharp half note	Blue half note	Blue half note	Blue half note	Blue half note
Vln Ld. 2	Blue half note	Yellow sharp half note	Blue half note	Blue half note	Blue half note	Blue half note
Vln Ld. 3	Green half note	Green half note	Yellow half note	Yellow half note	Yellow half note	Blue half note
Vln Ld. 4	Green half note	Green half note	Yellow half note	Yellow half note	Yellow half note	Blue half note
Green Vln. 1	Rest	Rest	Rest	Rest	Rest	Rest
Green Vln. 2	Rest	Rest	Rest	Rest	Rest	Rest
Bl Vla. 1	Rest	Rest	Rest	Rest	Rest	Rest
Bl Vla. 2	Rest	Rest	Rest	Rest	Rest	Rest
Bl Vla. 3	Rest	Rest	Rest	Rest	Rest	Rest
Blue Vla. 4	Rest	Rest	Rest	Rest	Rest	Rest
Red Cel. 1	Rest	Rest	Rest	Rest	Rest	Rest
Red Cel. 2	Rest	Rest	Rest	Rest	Rest	Rest
Blue Cello	Rest	Rest	Rest	Rest	Rest	Rest
Low Cel. 1	Blue half note	Blue half note	Blue half note	Blue half note	Blue half note	Blue half note
Low Cel. 2	Green half note	Green half note	Blue half note	Blue half note	Blue half note	Blue half note
Low Cel. 3	Rest	Rest	Rest	Rest	Rest	Rest

182

The musical score is arranged in 13 staves. The first four staves are Violins 1-4, all in treble clef. The next two staves are Green Violins 1-2, also in treble clef. The next four staves are Blue Viola 4, in alto clef. The next three staves are Red Cellos 1-2 and Blue Cello, all in bass clef. The final three staves are Low Cellos 1-3, all in bass clef. The score contains various musical notations including notes, rests, and accidentals. Notes are color-coded: blue, yellow, green, and red. Some notes are tied across measures. The score is divided into measures by vertical bar lines.

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3

190

Vln Ld. 1

Vln Ld. 2

Vln Ld. 3

Vln Ld. 4

Green Vln. 1

Green Vln. 2

Bl Vla. 1

Bl Vla. 2

Bl Vla. 3

Blue Vla. 4

Red Cel. 1

Red Cel. 2

Blue Cello

Low Cel. 1

Low Cel. 2

Low Cel. 3