

Ricochet

David McMullin

Dedicated to
Dr. Ferdinando Buonanno, and Professors Pozzi Escot and Robert Cogan,
mentors and friends whose love of life and music is inspiring in every way.


Ricochet was composed for Collage New Music, David Hoose, Artistic Director,
and premiered March 22, 2010, in Cambridge, MA.

Instruments

Flute
B \flat Clarinet
Percussion:
Cymbal
High Hat
Vibraphone
Piano
Violin
Violoncello

high hat notation:

strike while closed	+	strike while open	o	close without striking	.	clap and let ring	^
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Score in C: the clarinet sounds at the written pitch.
Accidentals apply throughout the measure, but are often repeated for clarity.
Duration approximately 6 minutes.

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for Ferdinando Buonanno, Pozzi Escot and Robert Cogan

Ricochet

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The musical score is for the piece "Ricochet" by David McMullin, composed for Ferdinando Buonanno, Pozzi Escot, and Robert Cogan. It is written in 4/4 time with a tempo of 136 beats per minute. The score is arranged for a chamber ensemble consisting of Flute, Bb Clarinet, Percussion, Piano, Violin, and Violoncello. The key signature is one sharp (F#), and the dynamics are marked *ff* (fortissimo) throughout. The Flute and Bb Clarinet parts feature a rhythmic pattern of eighth notes with accents and slurs. The Percussion part includes a vibrato effect and a complex rhythmic pattern. The Piano part features a complex rhythmic pattern with many beamed notes. The Violin and Violoncello parts feature a rhythmic pattern of eighth notes with accents and slurs.

4

Fl. *ff*

Cl. *ff*

Perc. **high-hat (closed)**
mp *mp*

Pno. *ff*

Vln. *ff*

Vc. *ff*

7

Fl. *mp*

Cl. *mp*

Perc. *f* crash cym. (h.h.) *mp*

Pno. *ff* *f* *mf* *mp*

Vln. arco *mp* *mf* *mp* *mf*

Vc. arco *mp* *mf* *mp* *mf*

9

Fl. *mf* *mp*

Cl. *mf* *mp*

Perc.

Pno. *p*

Vln. *mp* *mp* *p* *mp*

Vc. *mp* *mp* *p* *mp* *p*

Detailed description of the musical score: The score is for measures 9 through 12. It features six staves: Flute (Fl.), Clarinet (Cl.), Percussion (Perc.), Piano (Pno.), Violin (Vln.), and Viola (Vc.). The time signature is 3/4. The key signature has one sharp (F#).
 - Flute: Measures 9-10 have a melodic line with accents and slurs, marked *mf*. Measures 11-12 have a sustained note, marked *mp*.
 - Clarinet: Similar to the flute, with a melodic line in measures 9-10 (*mf*) and a sustained note in measures 11-12 (*mp*).
 - Percussion: Measures 9-10 have a rhythmic pattern of four eighth notes with accents. Measures 11-12 have a sustained chord, marked *mp*.
 - Piano: Measures 9-10 have a sustained chord, marked *p*. Measures 11-12 are silent.
 - Violin: Measures 9-10 have a rhythmic pattern of eighth notes, marked *mp*. Measures 11-12 have a sustained note, marked *mp*.
 - Viola: Measures 9-10 have a rhythmic pattern of eighth notes, marked *mp*. Measures 11-12 have a sustained note, marked *mp*.

(rit.)

16

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

p

p

p

pp

mp

p

p

n

pizz.

pizz.

Detailed description of the musical score: The score is for measures 16, 17, and 18 in a 4/4 time signature with a key signature of two sharps (F# and C#). The instruments are Flute (Fl.), Clarinet (Cl.), Percussion (Perc.), Piano (Pno.), Violin (Vln.), and Viola (Vc.).
- Flute: Measure 16 has a melodic line starting with a half note G4, followed by eighth notes. Measure 17 has a half note G4. Measure 18 has a half note G4, then a half note A4, and a half note B4. Dynamics: *p* in measure 17, *p* in measure 18, and *n* (normal) in measure 18.
- Clarinet: Measure 16 has a half note G4. Measure 17 has a half note G4. Measure 18 has a half note G4. Dynamics: *p* in measure 17.
- Percussion: Measure 16 has a half note G4. Measure 17 has a half note G4. Measure 18 has a half note G4, then a half note A4, and a half note B4. Dynamics: *p* in measure 18.
- Piano: Measure 16 has a half note G4, followed by eighth notes. Measure 17 has a half note G4. Measure 18 has a half note G4. Dynamics: *p* in measure 16.
- Violin: Measure 16 has a half note G4. Measure 17 has a half note G4. Measure 18 has a half note G4. Dynamics: *pp* in measure 16, *p* in measure 17.
- Viola: Measure 16 has a half note G4. Measure 17 has a half note G4. Measure 18 has a half note G4. Dynamics: *pp* in measure 16, *mp* in measure 17, *p* in measure 18. Performance instructions: *pizz.* in measure 17 and *pizz.* in measure 18.
- Tempo: A *(rit.)* marking is present at the top of the page, with a dotted line extending across measures 17 and 18.

a tempo (♩ = 136)

19

Fl. *ff*

Cl. *ff*

Perc. *mf*

Pno. *ff*

Vln. *ff*

Vc. *ff*

22

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

mf

mf

mf

ff

mf

mf

arco

Detailed description: This is a page of a musical score, page 22, featuring six staves. The Flute (Fl.) staff has a rest in the first measure, followed by a melodic line in the second and third measures, marked *mf*. The Clarinet (Cl.) staff has a melodic line in the first measure, marked *mf*, and rests in the second and third measures. The Percussion (Perc.) staff has a single note in the first measure, rests in the second, and a rhythmic pattern in the third measure, marked *mf*. The Piano (Pno.) staff has a complex accompaniment in both hands, marked *ff*. The Violin (Vln.) staff has a melodic line in the first measure, marked *mf*, and rests in the second and third measures. The Viola (Vc.) staff has a melodic line in the first measure, marked *mf*, and rests in the second and third measures, with the instruction 'arco' above the first measure.

25

Fl. *f* *mf* *mp*

Cl. *f* *mf* *mp*

Perc. *f*

Pno. *ff* *mf* *mp*

Vln. *f* *mf* *mp*

Vc. *f* *mf* *mp*

Fl. *p*

Cl. *p*

Perc. *mp* *pp*

Pno.

Vln. *p* *mf* *p* 3

Vc. *p*

Detailed description: This page of a musical score, numbered 29, features six staves. The Flute (Fl.) staff begins with a rest and then plays a melodic line starting in the fourth measure with a piano (*p*) dynamic. The Clarinet (Cl.) staff also starts with a rest, then enters in the second measure with a piano (*p*) dynamic, playing a line that continues through the fifth measure. The Percussion (Perc.) staff has a piano (*mp*) dynamic in the second measure, playing a complex rhythmic pattern, and a very piano (*pp*) dynamic in the fourth measure, marked with four '+' signs. The Piano (Pno.) staff has a melodic line in the first measure. The Violin (Vln.) staff starts with a piano (*p*) dynamic, then a mezzo-forte (*mf*) dynamic in the second measure, and returns to piano (*p*) in the fourth measure, where it plays a triplet of eighth notes. The Viola (Vc.) staff has a piano (*p*) dynamic in the fourth measure, playing a simple line.

34

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

The musical score consists of six staves. The Flute (Fl.) staff begins with a melodic line in measure 34, featuring a half note G4, a quarter note A4, and a half note B4, all tied to the start of measure 35. In measure 36, it plays a half note C5. In measure 37, it rests. The Clarinet (Cl.) staff plays a half note G4 in measure 34, a quarter note A4 in measure 35, and a half note B4 in measure 36, all tied to the start of measure 37. In measure 37, it rests. The Percussion (Perc.) staff features a rhythmic pattern of eighth notes with accents, marked *pp* in measures 34, 35, 36, and 37. The Piano (Pno.) staff is silent throughout. The Violin (Vln.) staff plays a half note G4 in measure 34, a quarter note A4 in measure 35, and a half note B4 in measure 36, all tied to the start of measure 37. In measure 37, it plays a half note C5, marked *p*. The Viola (Vc.) staff plays a half note G4 in measure 34, a quarter note A4 in measure 35, and a half note B4 in measure 36, all tied to the start of measure 37. In measure 37, it plays a half note C5, marked *p*. The time signature changes from 4/4 to 6/4 at the beginning of measure 37.

Fl. *pp*

Cl. *mp* *p* *pp* *p* *pp*

Perc. *p* *mp* *p* *pp* *p*

Pno.

Vln. *mp* *p* *pp* *p* *pp*

Vc. *mp* *p* *pp* *p* *pp*

Detailed description: This is a page of a musical score for six instruments: Flute (Fl.), Clarinet (Cl.), Percussion (Perc.), Piano (Pno.), Violin (Vln.), and Viola (Vc.). The score is written in a common time signature and a key signature of one flat. The Flute part is mostly silent, with a final measure containing a half note and a dynamic marking of *pp*. The Clarinet part features a melodic line with dynamics ranging from *mp* to *pp*. The Percussion part has a rhythmic pattern with dynamics *p*, *mp*, *p*, *pp*, and *p*. The Piano part is silent. The Violin part has a melodic line with dynamics *mp*, *p*, *pp*, *p*, and *pp*. The Viola part has a bass line with dynamics *mp*, *p*, *pp*, *p*, and *pp*. The page number 38 is located at the top left.

43 $\text{♩} = 68$

Fl. *p* *pp* *pp*

Cl. *p* *mp* *pp* *pp*

Perc. *p* *pp* *ppp* *ff*

Pno. *p* *pp* *ppp* *ff*

Vln. *p* *mp* *pp* *pp*

Vc. *p* *mp* *pp* *pp*

48

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

pp

p

pp

3

Detailed description: This is a page of a musical score, page 14, starting at measure 48. The score is arranged in a system with six staves. The Flute (Fl.) and Clarinet (Cl.) staves are at the top, followed by Percussion (Perc.), Piano (Pno.), Violin (Vln.), and Viola (Vc.) at the bottom. The Flute and Clarinet parts begin in measure 48 with a series of notes, starting with a piano (*pp*) dynamic and gradually increasing to a mezzo-piano (*p*) dynamic. The Percussion part also begins in measure 48 with a piano (*pp*) dynamic. The Piano, Violin, and Viola parts are mostly silent, with the Viola part having a few notes in the first measure. The Viola part has a triplet of notes in the first measure.

53

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

p *mp*

p *mp*

p *mp*

n *p* *mp* *p*

p *mp*

57

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

mp

mf

p

mf

mp

8va

5:4

3

3

3

3

62

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

(non rit.)

sub. pp

mp

pp

mp

mp

mf

mf

sub. pp

mp

mf

69

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

mf

mf

mf

mf

mf

3

3

5:4

3

5:4

Detailed description: This page of a musical score covers measures 69 through 72. The score is for a woodwind ensemble, percussion, piano, violin, and viola. The key signature is one sharp (F#) and the time signature is 4/4. Measure 69 features a flute part with a triplet of eighth notes (F#, G, A) and a clarinet part with a quarter rest. Measure 70 shows the flute with a quarter rest and the clarinet with a quarter note (F#) and a quarter rest. Measure 71 has the flute with a quarter rest, the clarinet with a quarter note (F#), and the piano with a quarter note (F#) and a quarter rest. Measure 72 contains the flute with a quarter note (F#), the clarinet with a quarter note (F#), the percussion with a quarter note (F#), the piano with a quarter note (F#), the violin with a quarter note (F#), and the viola with a quarter note (F#). Dynamics are marked *mf* for measures 70, 71, and 72. Rhythmic markings include triplets in measures 69 and 71, and a 5:4 ratio in measures 71 and 72.

73

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

ad lib.

mp

f

mf

f

mf

3

6

3

+

+

+

+

76 *accel.* $\text{♩} = 90$

Fl. *crescendo*

Perc.

80

Fl. *mf* *f* *mp*

Cl.

Perc. *mp*

84

Fl. *mp*

Cl. *mp*

Perc. *mf* *mp*

88

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

mf

mf

mf 3

mf *f*

100

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

mf

f

3

3

3

3

3

3

5:4

mf

f

4/4

4/4

4/4

4/4

4/4

4/4

Fl. *f* *mf*

Cl. *f* *mf*

Perc. *f* *mf*

Pno. *ff*

Vln. *mf*

Vc. *mf*

The score is in 4/4 time and consists of two measures. The Flute and Clarinet parts begin with a dynamic of *f* and transition to *mf* in the second measure. The Percussion part has a dynamic of *f* in the first measure and *mf* in the second. The Piano part starts with a triplet of eighth notes and a dynamic of *ff*. The Violin part is silent in the first measure and plays a single note in the second measure with a dynamic of *mf*. The Viola part plays a complex rhythmic pattern in the first measure with a dynamic of *mf*, including sixteenth-note triplets and sixteenth-note groups of six.

105

Fl.

5:4

f *mf*

Cl.

5:4

f *mf*

f 3

Perc.

5:4

f

mf 6

f

Pno.

f

3 3 3 3

ff

Vln.

5:4

f *mf*

f

Vc.

111

Fl.

Cl.

Perc.

Pno.

Vln.

Vc.

mp

mf

3

3

3

3

6

122

Fl. *p* *mf* *p*

Cl. *mf* *p* *mp*

Perc. *mp*

Pno. *mf*

Vln. *mp*

Vc. *mp*

126

poco rall.

Fl. *p*

Cl. *mp > p*

Perc. *mp* *p* *pp*

Pno.

Vln. *poco rall.* *mp* *pp*

Vc. *mp* *p* *pp*

Detailed description: This page of a musical score, numbered 126, features a tempo marking of *poco rall.* at the top. The score is arranged in six staves: Flute (Fl.), Clarinet (Cl.), Percussion (Perc.), Piano (Pno.), Violin (Vln.), and Viola (Vc.). The Flute part begins with a rest, followed by a melodic line starting on the second measure with a dynamic of *p*. The Clarinet part has a melodic line starting on the first measure with a dynamic of *mp*, which then transitions to *p*. The Percussion part features a complex rhythmic pattern starting on the first measure with a dynamic of *mp*, followed by a *p* dynamic in the second measure and a *pp* dynamic in the third measure, including a triplet. The Piano part has rests in the first two measures, followed by a melodic line in the third measure with a dynamic of *mp*. The Violin part has rests in the first two measures, followed by a melodic line in the third measure with a dynamic of *mp* that tapers to *pp* in the fourth measure. The Viola part has rests in the first two measures, followed by a melodic line in the third measure with a dynamic of *mp* that tapers to *pp* in the fourth measure. The score concludes with a double bar line at the end of the fifth measure.

Boston, March 7, 2010