

**Anthony Caulkins**

# **Marble**

*soprano sax, flute, violin, live electronics, and interactive lighting*

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## **Approximate Duration: 8:00**

### **General Performance Notes:**

- Accidentals apply only to the notes they immediately precede, in the register written.
- Measures 1 and 141 are out of time with the duration left to the discretion of the performers.
- The violin cadenza in measure 108 is written to give the general idea of the types of figures and notes to use. Some liberty may be taken with its pitch and rhythmic interpretation. Be sure to enter on measure 111 in time with the other performers.
- Grace notes following a regular note mean to add a “duration-less” note after the original note has been played to its full value.

### **Live Electronics Notes:**

- Each instrumentalist should have a microphone placed in front of them, running into a delay effects processor (Ableton Live's Grain Delay, Filter Delay, and Ping Pong Delay were used for the premiere)
- Each instrumentalist's delay should be based on a subdivision of a 60bpm grid.
- Delays turn on and off as indicated in the score

### **Interactive Lighting Notes:**

- A semicircle of seven DMX controlled LED stage lights are to be set up behind the performers, facing the audience.
- The signals from each of the performers' microphones should run into a Max patch (as well as to a delay effects processor, as specified above), converting their audio signal to DMX control values. For access to the specific Max patch please contact Anthony Caulkins at [contactanthonycaulkins@gmail.com](mailto:contactanthonycaulkins@gmail.com).
- The interactive lighting is not reflected in the score. However, the lighting patch should remain active for the duration of the piece.

# Marble

*for soprano sax, flute, violin, live electronics, and live lighting*

Anthony Caulkins

blow air through sax without producing pitch,  
fingering Eb in any range (futter ad lib.)

**$\text{♩} = 60$ ; very expressive**

Soprano Sax

Flute

Violin

Granular & Ping Pong Delays

sax delay on ----- sax delay off -----

5

S. Sx.

Fl.

Vln.

Delay

sax delay on ----- sax delay off -----

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## Marble

9

S. Sx.  
F1.  
Vln.  
Delay

pizz.  
arco  
**mp**  
**pp** ————— **mf** ————— **p**

violin delay on ----- violin delay off

This musical score for page 2, measure 9, features four staves: S. Sx., Flute (F1.), Violin (Vln.), and a Delay channel. The S. Sx. staff has two short vertical dashes. The Flute staff has two short vertical dashes. The Violin staff starts with a vertical dash, followed by three vertical dashes with horizontal stems pointing left, labeled 'pizz.'. It then changes to a vertical dash with a horizontal stem pointing right, labeled 'arco'. The Delay channel has a vertical dash with a horizontal stem pointing left, labeled 'mp'. This is followed by a vertical dash with a horizontal stem pointing right, labeled 'pp'. A bracket connects 'pp' and 'mf'. Another bracket connects 'mf' and 'p'. The Violin delay is turned on at the start of the measure and turned off at the end.

13

S. Sx.  
Fl.  
Vln.  
Delay

**pp**  
pizz.  
**p**  
**pp**  
**mf**  
**mf**  
**dim.** -----

This musical score for page 2, measure 13, features four staves: S. Sx., Flute (Fl.), Violin (Vln.), and a Delay channel. The S. Sx. staff has a vertical dash with a horizontal stem pointing right, followed by a vertical dash with a horizontal stem pointing left. The Flute staff has a vertical dash with a horizontal stem pointing right, followed by a vertical dash with a horizontal stem pointing left, labeled 'pp'. The Violin staff has a vertical dash with a horizontal stem pointing right, followed by a vertical dash with a horizontal stem pointing left, labeled 'pizz.'. It then has a vertical dash with a horizontal stem pointing right, labeled 'p'. The Delay channel has a vertical dash with a horizontal stem pointing right, labeled 'pp'. This is followed by a vertical dash with a horizontal stem pointing left, labeled 'mf'. Another vertical dash with a horizontal stem pointing right, labeled 'mf'. The Violin delay ends with a vertical dash with a horizontal stem pointing right, labeled 'dim.' followed by a dashed line.

## Marble

17

S. Sx.

Fl. (dim.)

Vln.

Delay

pp

mp

21

S. Sx.

Fl.

Vln.

Delay

mp pp

mp pp

sax delay on ----- sax delay off

flute delay on ----- flute delay off

mf

mf

## Marble

25

S. Sx.

Fl.

Vln.

Delay

sax delay on ----- sax delay off

flute delay on ----- flute delay off

29

S. Sx.

Fl.

Vln.

Delay

pp

mp pp

arco

pp mf pp

sax delay on -----

flute delay on -----

## Marble

33

S. Sx.      *mp* — *pp*

Fl.      *pp*

Vln.      *mf*

Delay

(sax delay) —  
(flute delay) —

sax delay off  
flute delay off

37

S. Sx.      *norm.* — fl.

Fl.      *mf* — *ff*  
*norm.* — fl.

Vln.      *mf* — *ff*  
*norm.* — scratch

Delay

fl.

*ff*

scratches

*ff*

*f*

*f*

*f*

*f*

sax delay on —————— sax delay off  
flute delay on —————— flute delay off  
violin delay on —————— violin delay off

## Marble

41

S. Sx.

Fl.

Vln.

Delay

(norm.) → fl.  
norm. → scratch  
norm. pizz. arco  
sax delay on - - - - - sax delay off  
flute delay on - - - - flute delay off  
violin delay on - - - - violin delay off

45

S. Sx.

Fl.

Vln.

Delay

fl. > norm.  
mf  
f pizz.  
mf  
mp f

## Marble

49

S. Sx.

Fl.

Vln.

Delay

53

S. Sx.

Fl.

Vln.

Delay

fl.

f

p

f

p

f

p

f

pizz.

f

sax delay on

flute delay on

violin delay on

f

sax delay off

flute delay off

violin delay off

## Marble

57

fl. → norm.

S. Sx. *f*

fl. → norm.

Fl. *f*

scratch → norm.

Vln. *f*

Delay

This musical score page contains three staves. The top staff is for the Bassoon (S. Sx.), the middle for the Flute (Fl.), and the bottom for the Violin (Vln.). Each staff begins with a sustained note. Following a vertical bar line, the dynamics change according to the instructions: 'fl. → norm.' for the first two staves, and 'scratch → norm.' for the violin. The page concludes with a section labeled 'Delay'.

61

norm. → fl.

S. Sx. *mp*

Fl. *mp*

Vln. *mp*

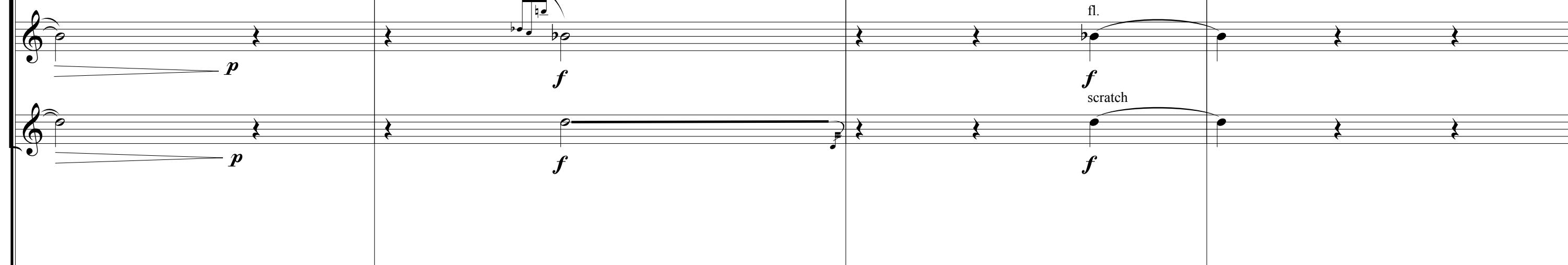
Delay

This musical score page contains three staves. The top staff is for the Bassoon (S. Sx.), the middle for the Flute (Fl.), and the bottom for the Violin (Vln.). Each staff begins with a sustained note. Following a vertical bar line, the dynamics change according to the instructions: 'norm. → fl.' for the first staff, and 'f' for the second and third staves. The page concludes with a section labeled 'Delay'.

## Marble

65

S. Sx. 

Fl. 

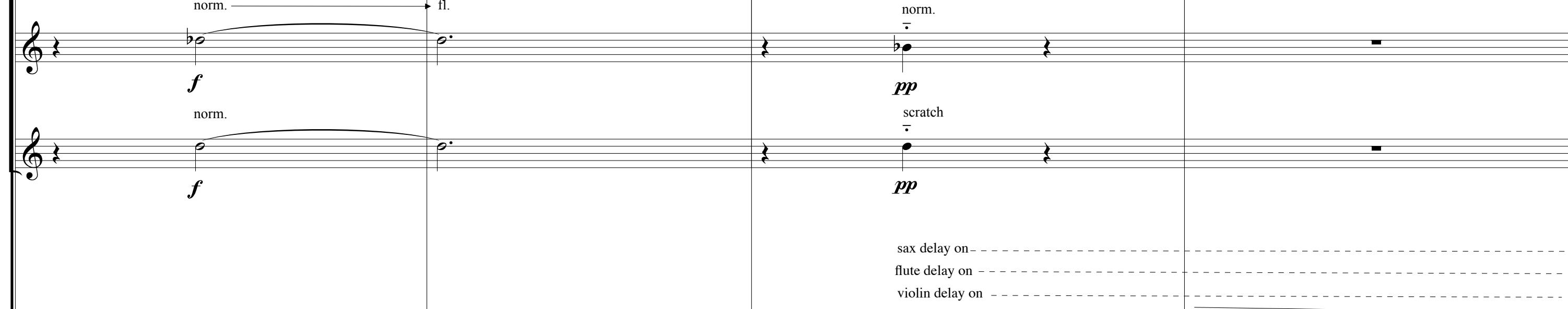
Vln. 

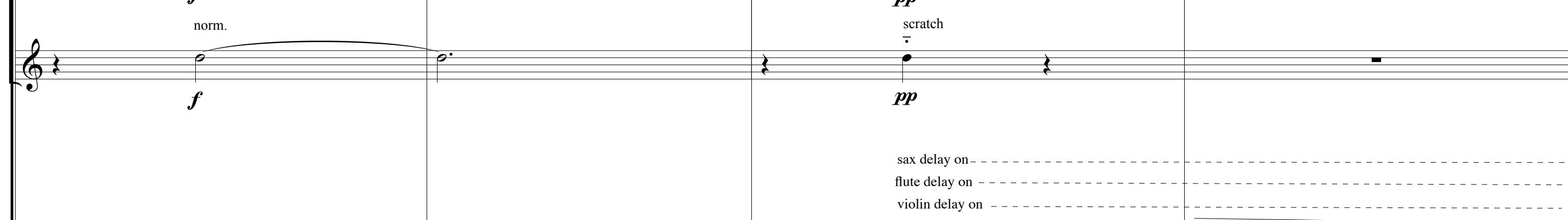
Delay



69

S. Sx. 

Fl. 

Vln. 

Delay

fl. —————→ norm.

norm. —————→ fl.

sax delay on  
flute delay on  
violin delay on



## Marble

73

fl.

S. Sx. *mf*  
norm.  
>

Fl. *p*  
scratch

Vln. *mf*

Delay

- - - - - sax delay off  
- - - - - flute delay off  
- - - - - violin delay off

77

fl. *mf*

S. Sx. norm. → fl. *f* *mf* *p* *p*

Fl. *mf* scratch *p* < *f* *f* *mf* *mf* *arco* *f* *p* *p*

Vln. *mf* norm. pizz. *f* *p*

Delay

sax delay on - - -  
flute delay on - - -  
violin delay on - - -

## Marble

81

S. Sx. *pp*

Fl. *pp*

Vln. *pp* arco

Delay

sax delay off  
flute delay off  
violin delay off

85

S. Sx. (cresc.) *ff* fl. *ff* *f* norm.

Fl. (cresc.) *ff* *fp* fl. *ff* *f* norm.

Vln. *ff* *fp* scratch *ff* *f* norm.

Delay

sax delay on  
flute delay on  
violin delay on

## Marble

89

S. Sx.  
Fl.  
Vln.  
Delay

norm. fl.  
f  
norm. fl.  
f  
f  
fff  
fff  
fff

sax delay off  
flute delay off  
violin delay off

Piu Mosso;  $\text{♩} = 80$

S. Sx.  
Fl.  
Vln.  
Delay

ff  
f  
scratches  
ff  
f  
3  
3

sax delay on  
flute delay on  
violin delay on

## Marble

97

S. Sx.

Fl.

Vln.

Delay

cresc. poco a poco

cresc. poco a poco

cresc. poco a poco

101

S. Sx.

Fl.

Vln.

Delay

(cresc. poco a poco)

(cresc. poco a poco)

(ricochet)

(ricochet)

(cresc. poco a poco)

fl.

fl.

## Marble

105

S. Sx. (cresc. poco a poco) -

Fl. (cresc. poco a poco) -

scratch

Vln. (cresc. poco a poco) -

Delay

*fff* possible

*fff* possible

norm.

norm. (cadenza)

109

S. Sx.

Fl.

Vln.

Delay

## Marble

15

113

fl.

S. Sx.

Fl.

Vln.

Delay

117

wait for delay to stop

**$\text{♩} = 60$ ; very expressive**

S. Sx.

Fl.

Vln.

Delay

wait for delay to stop

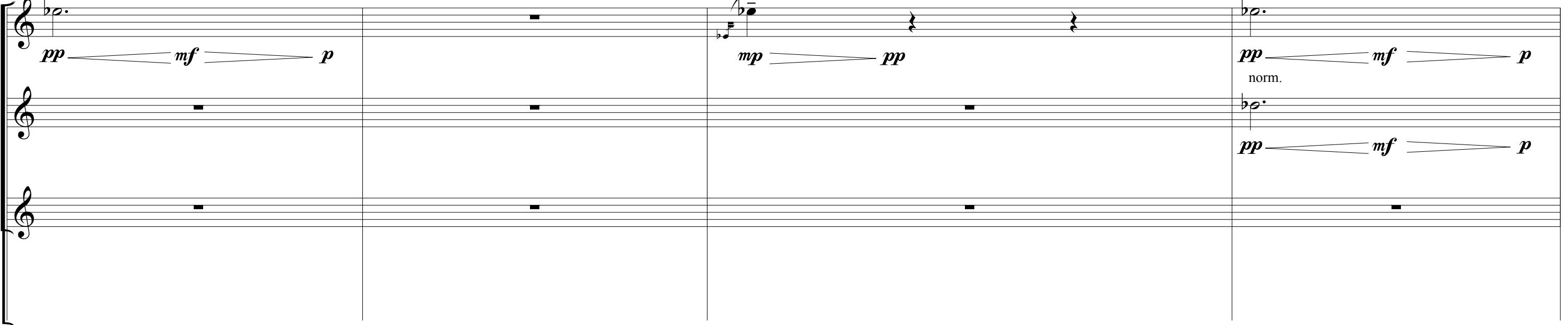
wait for delay to stop

sax delay off  
flute delay off  
violin delay off

## Marble

121

norm.

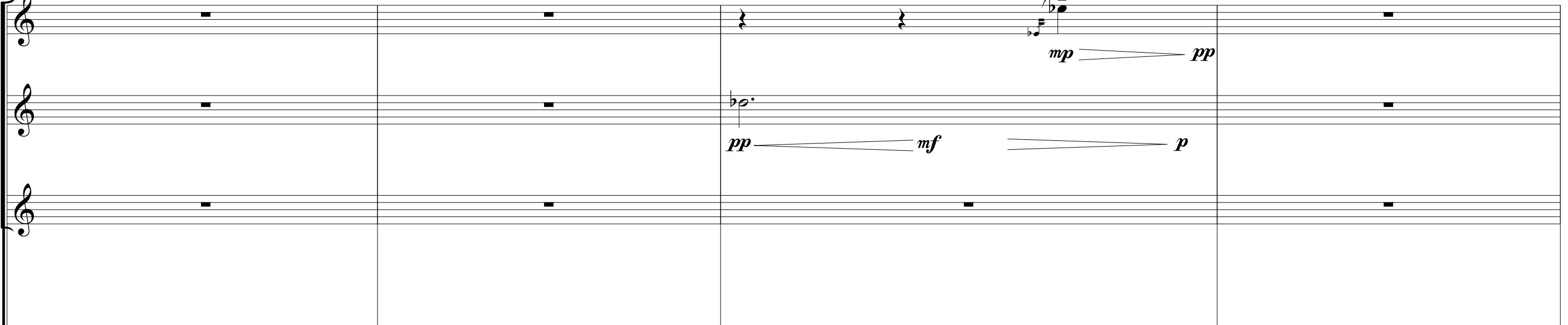
S. Sx. 

Fl.

Vln.

Delay

125

S. Sx. 

Fl.

Vln.

Delay

## Marble

129

S. Sx.

Fl.

Vln.

pizz.  
norm.

Delay

*mp*

*pp* — *mf* — *p*  
arco

*pp* — *mf* — *p*

*pp* — *mf* — *p*

133

S. Sx.

Fl.

Vln.

Delay

*pp* — *mf* — *p*

*pp* — *mf* — *p*

*pp* — *mf* — *p*

# Marble

137

S. Sx.      Fl.      Vln.

blow air through sax without producing pitch,  
fingering Eb in any range (futter ad lib.)

blow air through flute without producing pitch,  
fingering Ab in any range (futter ad lib.)

non pitched brushes and scratches with bow

sax delay-on  
flute delay-on  
violin delay-on