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Title

Synapse

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Sydney Doemel

for the University of Georgia Symphony Orchestra

Synapse

2019

for symphony orchestra

Score in C

Sydney Doemel
for the University of Georgia Symphony Orchestra

Synapse

2019
for symphony orchestra

Synapse is based off of a presentation by Dr. Molly Gebrian, Professor of Viola at the University of Wisconsin Eau-Claire, who has a background in neuroscience. Synapse follows the chemical journey of what happens in a musician's brain during practice.

This piece was composed for the UGA Symphony Orchestra during Sydney Doemel's residency with the UGASO.

Duration 8 minutes

Instrumentation

piccolo
2 flutes
2 oboes
english horn in F
2 clarinets in B \flat
2 bassoons

4 horns in F
3 trumpets in C (cup mute)
2 trombones
bass trombone
tuba

Percussion 1: vibraphone, xylophone, tam tam

Percussion 2: glockenspiel, whip, rainstick, gong ageng, floor tom, tam tam, crotales

Percussion 3: gong ageng*, suspended cymbal (mallets, bow, and triangle beater), crotales, tam tam, rainstick, glockenspiel

*if gong ageng not available, a large nipple gong can be used

Timpani

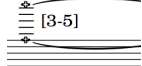
Violin 1
Violin 2
Viola
Cello
Bass

Techniques

1) Rain pizzicato - Indicated with + noteheads. Random pizzicato in any rhythm in violin between the notated pitches. The estimated number of notes per measure will be indicated in the score in square brackets. (First found in the strings m. 24)



2) Wedges - Thickness of wedge indicates bow pressure. At the thickest point of the wedge, the sound should be scratchy and gritty. At the thinnest point of the wedge, the string is bowed normally. (First found in the strings m. 50)



3) Glisses - **1)** All glisses start at beginning of note and are even throughout their notated duration. Notes in parentheses between glisses (low strings m.24) show about where the gliss should be at that part of the measure. **2)** Glisses with stems and dots (eg. strings m. 120) indicate that the pitch is an even gliss, but that each note is rearticulated (shown below).



4) Falls - All falls start at about the last 8th note of the duration. If the duration is equal to or less than an eighth note, the fall happens halfway through duration. Falls should sound like a sigh; a downward gliss of about a major 2nd with a slight diminuendo.



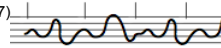
5) Humming - A winds and brass technique indicated with a diamond notehead. Players will hum an indistinct pitch away from mouthpiece in their mid to low register. The pitch can change throughout the duration of the note, but players should not try to match pitch or hold one specific pitch. (First found in winds and brass m. 66)



6) Flute/piccolo pizzicato - A technique where air is built up behind a "P" sound and then released to create a pop that mimicks the sound of string pizzicato.

7) Bartok pizzicato -

8) Improvisation squiggle - Indicates wild improvisation. There are no guidelines for the improvisation except for the indicated dynamics. The stems indicate the number of beats that each player will improvise for. (First found in strings m. 187)



Synapse

Sydney Doemel
(2018)

Score in C

With anticipation ♩ = 96

The score is written for a symphony orchestra and includes the following parts:

- Piccolo:** Part 1, starting with a *pp* dynamic and a *fizz* effect.
- Flute 1, 2:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Oboe 1, 2:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- English Horn:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Clarinet 1, 2 in Bb:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Bassoon 1, 2:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Horn 1, 2 in F:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Horn 3, 4 in F:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Trumpet 1, 2 in C:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Trumpet 3 in C:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Trombone 1, 2:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Bass Trombone:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Tuba:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Percussion 1:** Part 1, starting with a *pp* dynamic and ending with a *mf* dynamic.
- Percussion 2:** Part 1, starting with a *p* dynamic and ending with a *pp* dynamic.
- Percussion 3:** Part 1, starting with a *mf* dynamic and ending with a *pp* dynamic.
- Timpani:** Part 1, starting with a *pp* dynamic and ending with a *pp* dynamic.
- Violin 1:** Part 1, starting with a *pp* dynamic and ending with a *pp* dynamic.
- Violin 2:** Part 1, starting with a *pp* dynamic and ending with a *pp* dynamic.
- Viola:** Part 1, starting with a *mf* dynamic and ending with a *pp* dynamic.
- Violoncello:** Part 1, starting with a *mf* dynamic and ending with a *pp* dynamic.
- Double Bass:** Part 1, starting with a *mf* dynamic and ending with a *pp* dynamic.

The score includes various dynamics such as *pp*, *p*, *f*, *ff*, *mf*, and *pp sub.* It also features performance instructions like *sul tasto*, *pizz. div.*, *glockenspiel*, *vibraphone*, *gong ageng*, *l.v.*, *sim.*, and *a. 2*. The score is written in 4/4 time and includes a key signature of one flat.

8

A Deliberate

Picc. *p* *pp* *ff*
 Fl 1,2 *p* *pp* *ff* 8va
 Oboe 1,2 *p* *pp* *ff* a. 2
 Eng. Hn *p* *pp* *ff*
 Cl 1,2 in Bb *p* *pp* *ff*
 Bsn 1,2 *p* *pp* *ff* a. 2
 Hn 1,2 in F *n* *p* *pp* *ff*
 Hn 3,4 in F *n* *p* *pp* *ff*
 Tpt 1,2 in C *n* *p* *pp* *ff* open
 Tpt 3 in C *n* *p* *pp* *ff* open
 Tbn 1,2 *p* *ff*
 B. Tbn *p* *ff*
 Tba *ff*
 Perc. 1 *p* *mf* *mp* *p* *ff* vibraphone xylophone
 Perc. 2 *mf* *pp* *ff* glockenspiel
 Perc. 3 *pp* *ff* gong ageng cymbal
 Timp. *pp* *ff*
 Vln 1 *ff* sub. nat. 6 6
 Vln 2 *ff* sub. arco 6 6
 Vla *pizz.* *mf* *div.* *p* *non div.* *ff* sub. arco
 Vc. *mf* *non div.* *p* *ff* sub. arco
 D. B. *mf* *non div.* *p* *ff* sub.

14

Picc. *p* *mf* *f* *ff* *f*
 Fl 1,2 *sim* *p* *sfz* *f* *ff* *f*
 Oboe 1,2 *f* *ff* *f* *a. 2* *6* *3*
 Eng. Hn *f* *ff* *f* *6* *3*
 Cl 1,2 in Bb *f* *ff* *f* *a. 2* *6* *3* *3*
 Bsn 1,2 *f* *ff* *f* *a. 2* *6* *3*
 Hn 1,2 in F *p* *f* *ff* *f* *a. 2*
 Hn 3,4 in F *p* *f* *ff* *f*
 Tpt 1,2 in C *p* *sfz* *f* *ff* *f*
 Tpt 3 in C *sfz* *f* *ff* *f*
 Tbn 1,2 *f* *ff*
 B. Tbn *f* *ff*
 Tba *f* *ff*
 Perc. 1 *p* *f* *ff*
 Perc. 2 *whip*
 Perc. 3 *scrape l.v.* *sim.* *pp* *ff* *ff* *pp* *mf* *ff*
 Timp. *f* *ff* *f*
 Vin 1 *pizz.* *p* *f* *ff* *pizz.* *p* *f* *arco* *6* *3*
 Vin 2 *pizz.* *p* *f* *ff* *pizz.* *p* *f* *arco* *6* *3*
 Via *pizz.* *p* *f* *ff* *pizz.* *p* *f* *arco*
 Vc. *pizz.* *p* *f* *ff* *pizz.* *p* *f*
 D. B. *p* *f* *ff* *pizz.* *p* *f*

19

B

Picc. *p* *ff*

Fl 1,2 *f* *p* *ff*

Oboe 1,2 *p*

Eng. Hn *p*

Cl 1,2 in Bb *a. 2* *p*

Bsn 1,2 *a. 2* *p*

Hn 1,2 in F *a. 2* *mp* *p*

Hn 3,4 in F *mp* *p*

Tpt 1,2 in C *p*

Tpt 3 in C *p*

Tbn 1,2 *ff* *p*

B. Tbn *ff* *p*

Tba *ff* *p*

Perc. 1 *xylophone* *f* *mp* *p* *vibraphone* *dead stroke* *mf*

Perc. 2 *whip*

Perc. 3 *cymbal* *mf* *ff*

Timp. *mp* *p* *ff*

Vin 1 *p* *ff* *pp* *ff* *mf* [3-5]

Vin 2 *p* *ff* *pp* *ff* *mf* *pizz. div.*

Via *p* *ff* *pp* *ff* *ppp* *sul C free bowing*

Vc. *p* *ff* *pp* *ff* *ppp* *sul C free bowing*

D. B. *arco* *p* *ff* *pp* *ff*

3 4

3 4

3 4

3 4

25

Picc. *mf*
 Fl 1,2 *mf* *p*
 Oboe 1,2 *mf* *f*
 Eng. Hn *f*
 Cl 1,2 in Bb *p* *mp* *mf* *p sub.* *sim.*
 Bsn 1,2 *p* *f* *p sub.* *sim.*
 Hn 1,2 in F *mf*
 Hn 3,4 in F *mf*
 Tpt 1,2 in C
 Tpt 3 in C
 Tbn 1,2
 B. Tbn *p*
 Tba
 Perc. 1 *sim.* *f* *mf*
 Perc. 2 *rainstick* *pp* *f*
 Perc. 3 *crotales* *mf*
 Timp. *pp*
 Vln 1 *pizz. div.* [3-5]
 Vln 2 [3-5]
 Vla
 Vc. *sul E* *free bowing*
 D. B. *ppp*

Picc. *p* *f*

Fl 1, 2 *mf* *p* *mf* *p*

Oboe 1, 2 *p* *mf* *f* *mf*

Eng. Hn *p* *mf* *f* *mf*

Cl 1, 2 in Bb *pp* *p* *f* *p sub.*

Bsn 1, 2 *pp* *p* *f* *p sub. p sub.*

Hn 1, 2 in F *p* *p* *f* *p*

Hn 3, 4 in F *p* *p* *f* *p*

Tpt 1, 2 in C *mf* *p* *mf* *p*

Tpt 3 in C

Tbn 1, 2 *p*

B. Tbn *p*

Tba

Perc. 1 *vibraphone*

Perc. 2 *rainstick* *pp* *f*

Perc. 3 *crotales*

Timp.

Vin 1 *mf* [3-5]

Vin 2 [3-5]

Vla

Vc.

D. B.

40

Picc. *pp* *ff* 6 6 *mf* *p*
 Fl 1,2 *p* *n* *ff* *mf* *p*
 Oboe 1,2 *pp* *ff* *mf* *p* I. only
 Eng. Hn *pp* *ff* *mf* *p*
 Cl 1,2 in Bb *pp* *ff* 3 3 3 3 *p*
 Bsn 1,2 *pp* *ff* *p*
 Hn 1,2 in F *pp* *ff* *mf* *p*
 Hn 3,4 in F *pp* *ff* *mf* *p*
 Tpt 1,2 in C *p* *n* *ff* a. 2 *mf* *p* I. only
 Tpt 3 in C *ff* *mf* *p*
 Tbn 1,2 *pp* *ff* *ppp*
 B. Tbn *p* *pp* *ff* *mp*
 Tba *ff*
 Perc. 1 xylophone *ff* *mf* *pp* *vibraphone*
 Perc. 2 whip *pp* *rainstick*
 Perc. 3 cymbal *ff* *crotales*
 Timp. *ff* *mf*
 Vin 1 *pp* *ff* 6 6 *mf* [5-7]
 Vin 2 *pp* [3-5] *arco* *ff* 6 6 *mf* [5-7]
 Vla *n* *ff* *ppp* sul C free bowing
 Vc. *n* *ff* *ppp* sul C free bowing
 D. B. *n* *ff* *ppp* sul E free bowing

47

C

Picc. *p* *f* *pp* *ff*
 Fl 1, 2 *pp* *ff*
 Oboe 1, 2 *ff* *mp sub.* *a. 2* *ff* *pp* *ff*
 Eng. Hn *ff* *mp sub.* *ff* *pp* *ff*
 Cl 1, 2 in Bb *ff* *a. 2* *pp* *ff*
 Bsn 1, 2 *ff sub.* *pp* *ff*
 Hn 1, 2 in F *ff* *pp* *ff*
 Hn 3, 4 in F *ff* *pp* *ff*
 Tpt 1, 2 in C *ff* *mp sub.* *pp* *open* *a. 2* *ff* *pp* *ff*
 Tpt 3 in C *ff* *pp* *ff*
 Tbn 1, 2 *ff* *pp* *ff*
 B. Tbn *ff* *pp* *ff*
 Tba *ff* *pp* *ff*
 Perc. 1 *tam tam* *ff* *pp* *mp*
 Perc. 2 *f* *ff*
 Perc. 3 *cymbal* *pp* *ff*
 Timp. *ff* *pp* *ff*
 Vln 1 *p* *f*
 Vln 2 *p* *f*
 Vla *p* *f*
 Vc. *p* *f*
 D. B. *p* *f*

Picc. *pp sub.* *f* *ff*

Fl 1, 2 *mf* *ff*

Oboe 1, 2 *pp sub.* *mf* *ff*

Eng. Hn *pp* *ff*

Cl 1, 2 in Bb *pp* *ff* a. 2

Bsn 1, 2 *pp sub.* *ff* a. 2

Hn 1, 2 in F *pp sub.* *ff*

Hn 3, 4 in F *pp sub.* *ff*

Tpt 1, 2 in C *pp sub.* *ff*

Tpt 3 in C *pp sub.* *ff*

Tbn 1, 2 *pp sub.* *ff*

B. Tbn *pp sub.* *ff*

Tba *pp sub.* *ff*

Perc. 1 *ff* *pp*

Perc. 2 *ff* *pp*

Perc. 3 *pp* *ff* *pp*

Timp. *pp sub.* *ff* *pp*

Vin 1 *pp* *ff*

Vin 2 *pp* *ff*

Via *pp* *ff*

Vc. *pp* *ff*

D. B. *pp* *ff*

55

Picc. *fp*

Fl 1, 2

Oboe 1, 2 *ff* *p*

Eng. Hn

Cl 1, 2 in Bb *pp* *ff* *pp*

Bsn 1, 2 *pp* *ff* *pp*

Hn 1, 2 in F *pp* *ff* *pp*

Hn 3, 4 in F *pp* *ff* *pp*

Tpt 1, 2 in C *pp* *ff* *pp*

Tpt 3 in C *pp* *ff* *pp*

Tbn 1, 2 *pp* *ff* *pp* a. 2

B. Tbn *pp* *ff* *pp*

Tba *pp* *ff* *pp*

Perc. 1 [tam tam] *pp* *ff* *pp*

Perc. 2 [gong ageng]

Perc. 3 [cymbal] *pp* *ff* *pp*

Timp. *pp* *ff* *pp*

Vin 1 *p* *f* *p*

Vin 2 *p* *f* *p*

Via *p* *f* *p*

Vc. *p* *f* *p*

D. B. *p* *f* *p*

5/4 4/4

59

Picc. *pp*
 Fl 1, 2 *mf* *pp*
 Oboe 1, 2
 Eng. Hn *p*
 Cl 1, 2 in Bb *pp*
 Bsn 1, 2 *pp*
 Hn 1, 2 in F
 Hn 3, 4 in F
 Tpt 1, 2 in C
 Tpt 3 in C
 Tbn 1, 2
 B. Tbn
 Tba
 Perc. 1 *pp* (vibraphone)
 Perc. 2 *mp*
 Perc. 3
 Timp.
 Vln 1 *pp*
 Vln 2 *pp*
 Vla *pp*
 Vc. *pp* con sord
 D. B. *pp* con sord *pp*

This page of a musical score, numbered 66, contains the following parts and markings:

- Woodwinds:** Piccolo (Picc.), Flute 1 & 2 (Fl 1, 2), Oboe 1 & 2 (Oboe 1, 2), English Horn (Eng. Hn.), Clarinet 1 & 2 in Bb (Cl 1, 2 in Bb), Bassoon 1 & 2 (Bsn 1, 2). All woodwinds play a melodic line starting with a *mf* dynamic and a crescendo to *ff*.
- Brass:** Horns 1 & 2 in F (Hn 1, 2 in F), Horns 3 & 4 in F (Hn 3, 4 in F), Trumpets 1 & 2 in C (Tpt 1, 2 in C), Trumpet 3 in C (Tpt 3 in C), Trombones 1 & 2 (Tbn 1, 2), Baritone Trombone (B. Tbn), and Tuba (Tba). All brass instruments play a sustained chord with a dynamic range from *f* to *ff*.
- Percussion:** Percussion 1 (Perc. 1) includes I.v. (Iridium V), tam tam, and super ball mallet. Percussion 2 (Perc. 2) includes glockenspiel. Percussion 3 (Perc. 3) includes tam tam and super ball mallet. Dynamics include *pp sub.*, *mf*, *f*, *ff*, *p*, and *mp*.
- Strings:** Violin 1 (Vln 1), Violin 2 (Vln 2), Viola (Via), Violoncello (Vc.), and Double Bass (D. B.). The strings play a sustained harmonic accompaniment. Violins 1 and 2 are marked *con sord.* (con sordina).

74

This page of a musical score, numbered 74, contains the following parts and dynamics:

- Picc.**: *f*, *ff*, *ff*, *p sub.*
- Fl 1,2**: *f*, *ff*, *ff*, *p sub.*
- Oboe 1,2**: *f*, *ff*, *ff*, *p sub.*
- Eng. Hn**: *f*, *ff*, *ff*, *p sub.*
- Cl 1,2 in Bb**: *f*, *ff*, *ff*, *p sub.*
- Bsn 1,2**: *f*, *ff*, *ff*, *p sub.*
- Hn 1,2 in F**: *mf*, *f*, *ff*, *ff*, *p sub.*
- Hn 3,4 in F**: *mf*, *f*, *ff*, *ff*, *p sub.*
- Tpt 1,2 in C**: *mf*, *f*, *ff*, *p sub.*
- Tpt 3 in C**: *mf*, *f*, *ff*, *p sub.*
- Tbn 1,2**: *mf*, *f*, *ff*, *p sub.*
- B. Tbn**: *mf*, *f*, *ff*, *ff*, *p sub.*
- Tba**: *mf*, *f*, *ff*, *p sub.*
- Perc. 1 (Vibraphone)**: *mf*, *f*, *p*
- Perc. 2**: *f*
- Perc. 3**: *p*, *ff*
- Tim.**: (Empty staff)
- Vln 1**: (Empty staff)
- Vln 2**: (Empty staff)
- Vla**: (Empty staff)
- Vc.**: (Empty staff)
- D. B.**: (Empty staff)

80

D

Picc. *f* *pp* *p*

Fl 1, 2 *f* *pp*

Oboe 1, 2 *f* *pp*

Eng. Hn *f* *pp*

Cl 1, 2 in Bb *f* *pp*

Bsn 1, 2 *f* *pp*

Hn 1, 2 in F *f* *pp*

Hn 3, 4 in F *f* *pp*

Tpt 1, 2 in C *f* *pp*

Tpt 3 in C *f* *pp*

Tbn 1, 2 *f* *pp*

B. Tbn *f* *pp*

Tba *f* *pp*

Perc. 1 *p* *mf* *pp* *vibraphone*

Perc. 2 *p* *pp* *glockenspiel* *tam tam*

Perc. 3 *p* *mf*

Timp.

Vin 1 *p* *pp* *con sord.*

Vin 2 *p* *pp*

Vla *p* *pp*

Vc. *p* *pp*

D. B. *p* *pp*

87

This musical score page, numbered 87, contains the following parts and markings:

- Picc.**: *mf* to *fp*, includes a *mf* to *p* dynamic marking.
- Fl 1,2**: *mf* to *p*.
- Oboe 1,2**: *mf* to *p*.
- Eng. Hn**: *p* to *f*.
- Cl 1,2 in Bb**: *p* to *f*, includes "I only." and sixteenth-note passages with a *p* dynamic.
- Bsn 1,2**: *p* to *f*, includes triplet markings.
- Hn 1,2 in F**: *p*.
- Hn 3,4 in F**: *p*.
- Tpt 1,2 in C**: No markings.
- Tpt 3 in C**: No markings.
- Tbn 1,2**: No markings.
- B. Tbn**: No markings.
- Tba**: *p* to *f*.
- Perc. 1**: *pp*, includes "dead stroke" markings.
- Perc. 2**: *f* to *pp*, includes "floor tom" marking.
- Perc. 3**: *p*, includes "cymbal" marking.
- Timp.**: *f* to *p*, includes "super ball mallet" marking.
- Vln 1**: *mf* to *fp* to *pp*, includes *p* dynamic.
- Vln 2**: *p* to *fp* to *pp*, includes *p* dynamic.
- Vla**: *p* to *fp* to *pp*.
- Vc.**: *p* to *fp* to *pp*.
- D. B.**: *p* to *fp* to *pp*.

94

Picc. *p* 6

Fl 1,2 *p*

Oboe 1,2 *p*

Eng. Hn *p*

Cl 1,2 in Bb *p*

Bsn 1,2 *p*

Hn 1,2 in F *f*

Hn 3,4 in F *f*

Tpt 1,2 in C

Tpt 3 in C

Tbn 1,2 *p*

B. Tbn *p*

Tba *p*

Perc. 1 *vibraphone sim.*

Perc. 2 *floor tom rim shot* *f* *pp* *f* *pp*

Perc. 3 *tam tam*

Timp. *f*

Vin 1 *fp* *pp* *p*

Vin 2 *fp* *pp* *p*

Vla. *p* 6 *fp* *pp* *p*

Vc. *p* 3 *fp* *pp* *p*

D. B. *p* *fp* *pp* *pizz.* *p*

100

Picc. *fz.*
fp
 Fl 1,2 *fz.*
fp
 Oboe 1,2 a. 2
pp ————— *ff*
 Eng. Hn a. 2
pp ————— *ff*
 Cl 1,2 in Bb a. 2
p ————— *ff*
 Bsn 1,2 *p* <> *p* ————— *ff*
 Hn 1,2 in F a. 2
p ————— *ff*
 Hn 3,4 in F a. 2
p ————— *ff*
 Tpt 1,2 in C I. only cup mute a. 2 open
pp *p* ————— *ff*
 Tpt 3 in C open
p ————— *ff*
 Tbn 1,2 *p* *pp* ————— *ff*
 B. Tbn *p* ————— *ff*
 Tba *p* ————— *ff*
 Perc. 1 ord.
ff
 Perc. 2
 Perc. 3 cymbal
p ————— *f*
 Timp. *p* ————— *f*
 Vin 1 pizz. senza sord. arco
p *pp* 6 6 6 6 *ff*
 Vin 2 pizz. senza sord. arco
pp 6 6 6 6 *ff*
 Via pizz. senza sord. arco
pp 6 6 6 6 *ff*
 Vc. pizz. senza sord. arco
pp 3 3 3 3 *ff*
 D. B. senza sord. arco
pp *ff*

34

34

34

34

Picc. *mf* *p* *ff* *f* *pp*

Fl 1,2 *mf* *p* *ff* *pp*

Oboe 1,2 *mf* *p* *ff* *pp*

Eng. Hn *mf* *p* *ff* *f* *pp*

Cl 1,2 in Bb *mf* *p* *ff* *f* *pp*

Bsn 1,2 *mf* *p* *ff* *f* *pp*

Hn 1,2 in F *mf* *p* *ff* *f* *pp*

Hn 3,4 in F *mf* *p* *ff* *f* *pp*

Tpt 1,2 in C *mf* *p* *ff* *f* *pp* *fff*

Tpt 3 in C *mf* *p* *ff* *f* *pp* *fff*

Tbn 1,2 *mf* *p* *ff* *f* *pp*

B. Tbn *mf* *p* *ff* *f* *pp*

Tba *mf* *p* *ff* *f* *pp*

Perc. 1 xylophone *pp* *ff* *f* *pp*

Perc. 2 whip

Perc. 3 cymbal *p* *ff* *p* *ff*

Timp.

Vin 1 *f* *pp*

Vin 2 *f* *pp*

Vla *f* *pp*

Vc. *f* *pp*

D. B. *f* *pp*

110

E

Picc. *p*

Fl 1,2 *f*

Oboe 1,2 *f*

Eng. Hn *mp* *mf* *f*

Cl 1,2 in Bb *mp* *mf* *f*

Bsn 1,2 *mp* *mf* *f*

Hn 1,2 in F *fff* *mp* *mf* *f*

Hn 3,4 in F *fff* *mp* *mf* *f*

Tpt 1,2 in C *mp* *mf* *f*

Tpt 3 in C *mp* *mf* *f*

Tbn 1,2 *mp* *mf* *f*

B. Tbn *mp* *mf* *f*

Tba *mp* *mf* *f*

Perc. 1

Perc. 2 *f* *mf* *mf* *f*

Perc. 3

Timp. *mp*

Vln 1 *ppp* 6 6 6 6

Vln 2 *ppp* 6 3

Vla

Vc.

D. B.

Picc. *ff* *p* *mf*

Fl 1, 2 *p* *ff* *p* *mf* a. 2

Oboe 1, 2 *p* *mf*

Eng. Hn *p* *mf*

Cl 1, 2 in Bb *p* *mf*

Bsn 1, 2 *p* *mf*

Hn 1, 2 in F *p* *ff* *mf*

Hn 3, 4 in F *p* *ff* *mf*

Tpt 1, 2 in C *p*

Tpt 3 in C *p*

Tbn 1, 2 *p*

B. Tbn *p*

Tba *p*

Perc. 1 xylophone *p* *f*

Perc. 2 glockenspiel *p* *f* cymbal

Perc. 3

Timp. *mf* *f*

Vin 1 *pizz.* *nat.*

Vin 2 *pizz.* *nat.*

Vla. *pizz.* *f* *arco*

Vc. *pizz.* *f* *arco*

D. B. *pizz.* *f*

3/4

119

Picc. *mp* *ff*
 Fl 1,2 *mp* *ff*
 Oboe 1,2 *mp* *ff*
 Eng. Hn *mp* *ff*
 Cl 1,2 in Bb *mp* *ff*
 Bsn 1,2 *mp* *ff*
 Hn 1,2 in F *mp* *ff* a. 2
 Hn 3,4 in F *mp* *ff*
 Tpt 1,2 in C *mf* *ff*
 Tpt 3 in C *mf* *ff*
 Tbn 1,2 *mf* *ff* a. 2
 B. Tbn *mf* *ff*
 Tba *mf* *ff*
 Perc. 1 *p sub.*
 Perc. 2 *p sub.*
 Perc. 3 *p* *ff*
 Timp.
 Vin 1 *p sub.* *ff*
 Vin 2 *p sub.* *ff*
 Vla *ff* arco
 Vc. *ff* arco
 D. B. *ff* arco pizz. arco

123

Picc. *f* \rightarrow *pp* *ff* pizz.

Fl 1,2 *f* \rightarrow *pp* *ff* pizz.

Oboe 1,2 4 6 I. only *p*

Eng. Hn. *p*

Cl 1,2 in Bb *f* \rightarrow *pp*

Bsn 1,2 *f* \rightarrow *pp*

Hn 1,2 in F

Hn 3,4 in F

Tpt 1,2 in C *f* \rightarrow *pp* 4 6

Tpt 3 in C *f* \rightarrow *pp*

Tbn 1,2 *f* \rightarrow *pp*

B. Tbn

Tba

Perc. 1 vibraphone *pp* I.v. sim.

Perc. 2 floor tom *f*

Perc. 3 4 6

Timp.

Vln 1 *pp* *mf* pizz. [3-5]

Vln 2 *pp* *f* \rightarrow *pp* *mf* pizz. [3-5]

Vla. *pp* 4 6 *f* \rightarrow *pp* *p*

Vc. *pp* *f* \rightarrow *pp* *p*

D. B. *pp* *f* \rightarrow *pp* *p* pizz.

131

The musical score for page 131 includes the following instruments and parts:

- Picc.**: Piccolo, starting with a pizzicato (pizz.) instruction and an accent (>) on the first note.
- Fl 1,2**: Flutes 1 and 2, starting with pizzicato (pizz.) and an accent (>). The first flute part includes a first ending ("1. only ord.") and a forte (f) dynamic.
- Oboe 1,2**: Oboe 1 and 2, playing a melodic line.
- Eng. Hn**: English Horn, playing a melodic line.
- Cl 1,2 in Bb**: Clarinets 1 and 2 in Bb, with rests.
- Bsn 1,2**: Bassoons 1 and 2, with rests.
- Hn 1,2 in F**: Horns 1 and 2 in F, with rests.
- Hn 3,4 in F**: Horns 3 and 4 in F, with rests.
- Tpt 1,2 in C**: Trumpets 1 and 2 in C, with rests.
- Tpt 3 in C**: Trumpet 3 in C, with rests.
- Tbn 1,2**: Trombones 1 and 2, with rests.
- B. Tbn**: Bass Trombone, with rests.
- Tba**: Tuba, with rests.
- Perc. 1**: Percussion 1, playing a complex rhythmic pattern.
- Perc. 2**: Percussion 2, playing a rhythmic pattern with dynamics *pp* and *f*.
- Perc. 3**: Percussion 3, playing a rhythmic pattern with dynamics *pp* and *f*, including a "rainstick" instruction.
- Timp.**: Timpani, with rests.
- Vin 1**: Violin 1, playing a melodic line with a triplet of eighth notes marked [3-5].
- Vin 2**: Violin 2, playing a melodic line with a triplet of eighth notes marked [3-5].
- Vla**: Viola, playing a melodic line.
- Vc.**: Violoncello, playing a melodic line.
- D. B.**: Double Bass, playing a melodic line.

140

Picc. *pp* *ord.*
 Fl 1,2 *p* *mf*
 Oboe 1,2 *p* *a. 2*
 Eng. Hn *p*
 Cl 1,2 in Bb *p*
 Bsn 1,2 *p*
 Hn 1,2 in F *mf*
 Hn 3,4 in F *mf*
 Tpt 1,2 in C *mf*
 Tpt 3 in C *mf*
 Tbn 1,2 *p*
 B. Tbn *p*
 Tba *p*
 Perc. 1 *f* *vibraphone*
 Perc. 2 *pp* *f* *floor tom*
 Perc. 3 *pp* *cymbal*
 Timp.
 Vin 1 *p* *arco* *ff* *pp*
 Vin 2 *p* *ff* *pizz.* *pp*
 Vla *ff* *ff* *ff* *ff* *ff*
 Vc. *ff* *pizz.* *p*
 D. B. *ff* *p*

Picc. *ff* *pp* 6

Fl 1,2 *pp* a. 2 6

Oboe 1,2 *f* *mf* *pp*

Eng. Hn *f* *mf* 3 3 *pp*

Cl 1,2 in Bb *f* *mf* 6 6 *pp*

Bsn 1,2 *f* *mf* *pp*

Hn 1,2 in F a. 2 *f* *mf* *pp* I only.

Hn 3,4 in F *f* *mf* *pp* I only.

Tpt 1,2 in C *f* *mf* a. 2 *pp* I only.

Tpt 3 in C *f* *mf*

Tbn 1,2 *f* *mf* 3 *p*

B. Tbn *f* *mf*

Tba *f* *mf* *pp* I only.

Perc. 1 *ff*

Perc. 2

Perc. 3 *ff*

Timp.

Vin 1 *ff* *arco* *pizz.* *arco* 6 *pp* *mf*

Vin 2 *ff* *arco* *pizz.* *arco* *pp* *mf*

Vla *ff* *arco* *pizz.* *arco* 6 6 *pp* *mf*

Vc. *ff* *arco* *pizz.* *arco* 3 3 *pp* *mf*

D. B. *ff* *arco* *pizz.* *arco* *pp*

This musical score page, numbered 156, contains the following parts and markings:

- Woodwinds:** Piccolo (Picc.), Flute 1 & 2 (Fl 1, 2), Oboe 1 & 2 (Oboe 1, 2), English Horn (Eng. Hn), Clarinet 1 & 2 in Bb (Cl 1, 2 in Bb), Bassoon 1 & 2 (Bsn 1, 2), Horn 1 & 2 in F (Hn 1, 2 in F), Horn 3, 4 in F (Hn 3, 4 in F), Trumpet 1 & 2 in C (Tpt 1, 2 in C), Trumpet 3 in C (Tpt 3 in C), Trombone 1 & 2 (Tbn 1, 2), Baritone Trombone (B. Tbn), and Tuba (Tba). Each woodwind part begins with a dynamic marking of *ff* and a *p sub.* dynamic marking.
- Brass:** Horn 1 & 2 in F, Horn 3, 4 in F, Trumpet 1 & 2 in C, Trumpet 3 in C, Trombone 1 & 2, Baritone Trombone, and Tuba. Each brass part begins with a dynamic marking of *ff* and a *p sub.* dynamic marking.
- Percussion:** Percussion 1 (Perc. 1) includes a *sim.* (sustained) marking and a *lam tam* box. Dynamics include *ff* and *pp sub.* Percussion 2 (Perc. 2) has a *mp* dynamic marking. Percussion 3 (Perc. 3) and Timpani (Timp.) are present but have no specific markings.
- Strings:** Violin 1 (Vln 1), Violin 2 (Vln 2), Viola (Via), Violoncello (Vc.), and Double Bass (D. B.). Each string part features a triplet of eighth notes with a *mf* dynamic marking, followed by a *pp sub.* dynamic marking.

This page of a musical score, numbered 159, contains the following parts and dynamics:

- Picc.**: *f*, *mp*, *mf*, *ff*
- Fl 1, 2**: *f*, *mp*, *mf*, *ff*
- Oboe 1, 2**: *f*, *mp*, *mf*, *ff*
- Eng. Hn**: *f*, *mp*, *mf*, *ff*
- Cl 1, 2 in Bb**: *f*, *mp*, *mf*, *ff*
- Bsn 1, 2**: *f*, *mp*, *mf*, *ff*
- Hn 1, 2 in F**: *f*, *mp*, *p sub.*
- Hn 3, 4 in F**: *f*, *mp*, *p sub.*
- Tpt 1, 2 in C**: *f*, *mp*, *p sub.*
- Tpt 3 in C**: *f*, *mp*, *p sub.*
- Tbn 1, 2**: *f*, *mp*, *p sub.*
- B. Tbn**: *f*, *mp*, *p sub.*
- Tba**: *f*, *mp*, *p sub.*
- Perc. 1 (Vibraphone)**: *mf*, *p*
- Perc. 2 (tam tam)**: *mp*
- Perc. 3**: *mp*
- Timp.**: *mp*
- Vin 1**: *f*, *mp*, *mf*, *ff*
- Vin 2**: *f*, *mp*, *mf*, *ff*
- Vla**: *f*, *mp*, *mf*, *ff*
- Vc.**: *f*, *mp*, *mf*, *ff*
- D. B.**: *f*, *mp*, *mf*, *ff*

162

Picc. *p sub.*

Fl 1, 2 *p sub.*

Oboe 1, 2 *p sub.*

Eng. Hn *p sub.*

Cl 1, 2 in Bb *p sub.*

Bsn 1, 2 *p sub.*

Hn 1, 2 in F

Hn 3, 4 in F

Tpt 1, 2 in C

Tpt 3 in C

Tbn 1, 2

B. Tbn

Tba

Perc. 1 *mf* *mp* *p* *pp*

Perc. 2

Perc. 3

Timp.

Vln 1

Vln 2

Vla

Vc.

D. B.

165

Picc. *f* *pizz.* *f*

Fl 1, 2 *f* *pizz.* *f*

Oboe 1, 2 *f*

Eng. Hn *f*

Cl 1, 2 in Bb *f*

Bsn 1, 2 *f*

Hn 1, 2 in F *f*

Hn 3, 4 in F *f*

Tpt 1, 2 in C *f*

Tpt 3 in C *f*

Tbn 1, 2 *f*

B. Tbn *f* *mf*

Tba *f* *mf*

vibraphone

Perc. 1 *ff* *pp sub.*

Perc. 2 floor tom *f*

Perc. 3 glockenspiel *mf*

Timp.

Vin 1 *mf* *pizz.*

Vin 2 *mf* *pizz.*

Vla *mf*

Vc. *mf*

D. B. *mf* *pizz.*

169

This musical score page contains measures 169 through 172. The instruments are arranged as follows:

- Picc.**: Piccolo, starting in measure 170 with *ord.* and *ff*.
- Fl 1,2**: Flutes 1 and 2, starting in measure 170 with *a. 2 ord.* and *ff*.
- Oboe 1,2**: Oboes 1 and 2, starting in measure 170 with *p* and triplets.
- Eng. Hn**: English Horn, starting in measure 170 with *p* and triplets.
- Cl 1,2 in Bb**: Clarinets 1 and 2 in Bb, starting in measure 170 with *p* and triplets.
- Bsn 1,2**: Bassoons 1 and 2, starting in measure 170 with *p* and triplets.
- Hn 1,2 in F**: Horns 1 and 2 in F, starting in measure 170 with *f*.
- Hn 3,4 in F**: Horns 3 and 4 in F, starting in measure 170 with *f*.
- Tpt 1,2 in C**: Trumpets 1 and 2 in C, starting in measure 170 with *f*.
- Tpt 3 in C**: Trumpet 3 in C, starting in measure 170 with *f*.
- Tbn 1,2**: Trombones 1 and 2, starting in measure 170 with *f*.
- B. Tbn**: Baritone Trombone, starting in measure 170 with *f*.
- Tba**: Tuba, starting in measure 170 with *f*.
- Perc. 1**: Percussion 1, starting in measure 170 with *mf* and *p*.
- Perc. 2**: Percussion 2, starting in measure 170 with *pp*.
- Perc. 3**: Percussion 3, starting in measure 170 with *pp*.
- Timp.**: Timpani, starting in measure 170 with *pp*.
- Vin 1**: Violin 1, starting in measure 170 with *arco p* and *pizz. ff*.
- Vin 2**: Violin 2, starting in measure 170 with *arco p* and *pizz. ff*.
- Vla**: Viola, starting in measure 170 with *pizz. ff*.
- Vc.**: Violoncello, starting in measure 170 with *pizz. ff*.
- D. B.**: Double Bass, starting in measure 170 with *pizz. ff*.

Picc. *mf*

Fl 1,2 *mf*

Oboe 1,2 *pp*

Eng. Hn *pp*

Cl 1,2 in Bb *pp* *ff*

Bsn 1,2 *pp* *ff*

Hn 1,2 in F

Hn 3,4 in F

Tpt 1,2 in C

Tpt 3 in C

Tbn 1,2 *f*

B. Tbn *f*

Tba *f*

Perc. 1 *mf* *mp* *p* *pp*

Perc. 2 floor tom

Perc. 3 glockenspiel *mf* *p*

Timp.

Vln 1 *p* *arco* *3*

Vln 2 *p* *arco* *3*

Vla *p* *arco* *3*

Vc. *p* *arco* *3*

D. B. *p* *arco* *3*

177 **G**

Picc. *ff* *p sub.* *f* *mp*

Fl 1, 2 *ff* *p sub.* *f* *mp*

Oboe 1, 2 *ff* *p sub.* *f* *mp*

Eng. Hn *ff* *p sub.* *f* *mp*

Cl 1, 2 in Bb *p sub.* *f* *mp*

Bsn 1, 2 *p sub.* *f* *mp*

Hn 1, 2 in F *p* *pp*

Hn 3, 4 in F *p* *pp*

Tpt 1, 2 in C *p*

Tpt 3 in C *p*

Tbn 1, 2

B. Tbn

Tba

Perc. 1 *ff* *pp sub.*

Perc. 2

Perc. 3 *p* *ff*

Timp.

Vln 1 *3*

Vln 2 *3*

Vla *3*

Vc. *3*

D. B. *3*

Picc. *mf* *ff* *p sub.*

Fl 1, 2 *mf* *ff* *p sub.*

Oboe 1, 2 *mf* *ff* *p sub.*

Eng. Hn *mf* *ff* *p sub.*

Cl 1, 2 in Bb *mf* *ff* *p sub.*

Bsn 1, 2 *mf* *ff* *p sub.*

Hn 1, 2 in F *p* *pp*

Hn 3, 4 in F *p* *pp*

Tpt 1, 2 in C *p*

Tpt 3 in C *p*

Tbn 1, 2 *p*

B. Tbn *p*

Tba *p*

Vibraphone *mf*

Perc. 1 *mf*

Perc. 2

Perc. 3 *p* *pp*

Timp.

Vin 1 *3*

Vin 2 *3*

Vla *3*

Vc. *3*

D. B. *3*

Picc.

Fl 1, 2

Oboe 1, 2

Eng. Hn

Cl 1, 2 in Bb

Bsn 1, 2

Hn 1, 2 in F

Hn 3, 4 in F

Tpt 1, 2 in C

Tpt 3 in C

Tbn 1, 2

B. Tbn

Tba

Perc. 1

Perc. 2

Perc. 3

Timp.

Vln 1

Vln 2

Vla

Vc.

D. B.

p

pp

mf

pp

cresc.

a. 2

V

6

3

187

Picc. *f* *ff* *pp* *ffp* *pp* *n*

Fl 1,2 *f* *ff* *pp* *ffp* *pp* *n*

Oboe 1,2 *f* *ff* *pp*

Eng. Hn *f* *ff* *pp*

Cl 1,2 in Bb *f* *ff* *pp*

Bsn 1,2 *f* *ff* *pp*

Hn 1,2 in F *ff* *pp*

Hn 3,4 in F *ff* *pp*

Tpt 1,2 in C *ff* *pp*

Tpt 3 in C *ff* *pp*

Tbn 1,2 *ff* *pp*

B. Tbn *ff* *pp*

Tba *ff* *pp*

Perc. 1 *ff* *pp* *crotales*

Perc. 2 *mp* *glockenspiel*

Perc. 3 *mp*

Timp. *mf* *f*

Vin 1 *f* *ff* *pp* *n*

Vin 2 *f* *ff* *pp* *n*

Vla *f* *ff*

Vc. *f* *ff*

D. B. *f* *ff*

