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**O Frabjous Day**

A Dissertation Presented

by

**Ilari Kaila**

to

The Graduate School

in Partial Fulfillment of the

Requirements

For the Degree of

**Doctor of Philosophy**

in

**Music**

**(Music Composition)**

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The Graduate School

**Ilari Kaila**

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Abstract of the Dissertation

**O Frabjous Day**

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**2010**

*O Frabjous Day* is a composition for symphony orchestra (2-2-2-2, 4-2-2-1, timp, 3perc, pno, hp, strings, with standard doublings). The duration is approximately 13 minutes.

The piece is based on the idea of setting large-scale musical elements in counterpoint with one another. A sequence of independent musical ideas are introduced, with contrasting meters, tempi, orchestral colors, and textures. At the climax, after all these different musics have been spun out and developed in various ways, they are heard simultaneously. While they retain their independent nature, and are out of synch with each other in terms of meter, tempo, and phrasing, they blend together to form a consonant harmonic progression.

## Instrumentation

2 flutes (first doubling piccolo, second doubling alto flute in G)

2 oboes

2 clarinets in B $\flat$  (second doubling bass clarinet)

2 bassoons (second doubling contrabassoon)

4 horns in F

2 trumpets in B $\flat$  (second doubling bass clarinet)

3 trombones

Tuba

Timpani

3 percussionists

I: Triangle  
2 tom-toms (low and medium)  
Marimba  
Xylophone  
Chimes (shared with player II)  
Vibraphone (motor off; shared with player III)

II: Anvil (lowest possible)  
Side drum (snare off)  
Low tom-tom  
Crotales (two octaves; shared with player II)  
Glockenspiel  
Chimes (shared with player I)

III: 2 gongs (low and medium)  
Tam-tam  
2 log drums (lowest possible)  
Crotales (two octaves; shared with player II)  
Vibraphone (motor off; shared with player I)

Piano

Harp

Strings

## Notes

This is a transposing score.

Accidentals are valid for the duration of the measure.

In the aleatoric passage on the high strings at rehearsal H, bracketed small notes indicate register, and arrows show gradual changes in register. The players improvise in free rhythm, within the given register, and according to the written instructions, while following the conductor as to the measure count.

" 'And, hast thou slain the Jabberwock?  
Come to my arms, my beamish boy!  
O frabjous day! Callooh! Callay!  
He chortled in his joy."

- From *The Jabberwocky*, by Lewis Carroll

# O Frabjous Day

for orchestra

Ilari Kaila (2010)

$\text{♩} = 46$

Flauto 1

Flauto alto (in G)

Oboe 1

Oboe 2

Clarinetto 1 (in Bb)

Clarinetto 2 (in Bb)

Fagotto 1

Fagotto 2

Corno 1 & 2 (in F)

Corno 3 & 4 (in F)

Tromba 1 (in Bb)

Tromba 2 (in Bb)

Trombone 1

Trombone 2

Tuba

Timpani

Percussioni 1 [Marimba]

Percussioni 2 [Low Anvil & Tom-tom]

Percussioni 3 [Log Drums]

Pianoforte

Arpa

Violini I div. a 2

Violini II

Viole

Violoncelli a 4 soli

Contrabbassi

$\text{♩} = 46$

*seemingly randomly, freely, but without expression*

*ppp*

*seemingly randomly, freely, but without expression*

*ppp*

*(medium hard mallets) gliss. di mano*

*mf*

*(hard mallets) secco*

*fff*

*(soft mallets)*

*ppp*

*mf*

*mf*

*mf*

*div.*

*ad libitum senza vibr.*

*p*

4

FL. 1

A.FI (in G)

CL. 1 (in Bb)

Perc. 1 [Mar.]

Arpa

VI. I div. a 2

VI. II div. a 2

Vle.

Vc. div. a 2

Cb.

9

FL. 1

A.FI (in G)

CL. 1 (in Bb)

Perc. 1 [Mar.]

Arpa

9

VI. I div. a 2

VI. II div. a 4

Vle.

Vc. div. a 2

Cb.



14

Un poco piú moto

Picc. *mp cresc.* *mf*

A.FI (in G) *mp*

Ob. 1 *mp*

Ob. 2 *mp*

Cl. 1 (in Bb) *mp*

Cl. 2 (in Bb) *mp*

Fg. 1 *mp cresc.* *mf*

Fg. 2 *mp*

Cor. 1 & 2 (in F) *mp cresc.* *mf*

Cor. 3 & 4 (in F) *mf*

Tr. 1 (in Bb) *mf*

Tr. 2 (in Bb) *mf*

Tbn. 1 *mf*

Tbn. 2 *mf*

Tuba *mf*

Timp. *(soft mallet)* *mp* *(hard mallet)* *mf*

Pf. *f*

Arpa *mf*

14

Un poco piú moto

Vi. I *ppp* *mp cresc.* *mf*

div. a 2 *ppp* *mp cresc.* *mf*

Vi. I *mf*

div. a 2 *mf*

Vi. II *mf*

div. a 2 *mf*

Vc. *(arco)* *mf*

div. a 2 *pizz.* *arco* *mf*

Cb. *mf*

20

A

Picc. *muta in flauto*  
 A.F. (in G) *come sopra*  
 Ob. 1  
 Ob. 2  
 Cl. 1 (in Bb)  
 Cl. 2 (in Bb) *muta in cl. basso* **Clarinetto basso** *scavenger randomly; freely, but without expression*  
 Fg. 1  
 Fg. 2  
 Tr. 1 (in Bb)  
 Tbn. 1  
 Tbn. 2  
 Tuba  
 Timp. *come sopra*  
 Perc. 1 [Vibr.] *secco*  
 Perc. 2 [Anv. & Tom-tom]  
 Perc. 3 [Log Dr]  
 Pf.  
 Arpa *13-12-11-10-9*

20

A

VI. I div. a 4 *poco a poco sul ponti* *(libero)* *s. p.* *and. con sord. e senza vibrato*  
 VI. II div. a 4 *poco a poco sul ponti* *(libero)* *s. p.* *and. con sord. e senza vibrato*  
 VI. div. a 2 *poco a poco sul ponti* *(libero)* *s. p.* *and. con sord. e senza vibrato*  
 Vc. div. a 4 *sul ponti, secco*  
 Cb. div. a 2 *sul ponti, secco* *p* *(non tremolo)*

24 Più moto ♩ = 58 B

A.Fl. (in G)

Ob. 1

Cl. 1 (in Bb)

B.Cl. (in Bb)

Fg. 2

Timp.

Perc. 1 [Mar.]

Arpa

24 Più moto ♩ = 58 B

VI. I div. a 4

VI. II div. a 4

Vle. div. a 4

Vc. div. a 4

Cb. div. a 2

$\text{♩} = 87$   
- ♪ = ♪ -  
- ♪ = ♪ -

29

*muja in piccolo*

Musical score for woodwinds, brass, and percussion. The score is divided into two systems. The first system includes Flutes 1 & 2, Oboes 1 & 2, Clarinet 1 (in Bb), Bass Clarinet (in Bb), Fagot 1 & 2, Horns 1 & 2 (in F), Horns 3 & 4 (in F), Trombones 1 & 2, Tuba, Timpani, and Percussion 1 (Maracas) and 3 (Tambourine). The second system includes Violin 1 (div. a 2), Violin 2 (div. a 2), Viola (div. a 2), Violoncello (div. a 2), and Contrabasso. The score includes dynamic markings such as *mp*, *mf*, *pp*, *f*, *f possibile*, *simile*, *con cord*, and *mf*. There are also performance instructions like "harmonic mute: open & close smoothly" and "scratch with ropeball mallet".

29

$\text{♩} = 87$   
- ♪ = ♪ -  
- ♪ = ♪ -

Musical score for strings, including Violin 1 (div. a 2), Violin 2 (div. a 2), Viola (div. a 2), Violoncello (div. a 2), and Contrabasso. The score includes dynamic markings such as *p*, *pp*, *mf*, and *rit.*. There are also performance instructions like "poco cresc." and "rit."

pochissimo rit. a tempo

35

Cor. 1 & 2 (in F)

Cor. 3 & 4 (in F)

Tbn. 1

Tbn. 2

Tuba

Timp.

Perc. 3 (Tam-tam)

secca sord.  
mf

mf

pp

f

pp

f

pp

pp

f

p

pp

f

pp

simile

simile

2.<sup>a</sup> sord.  
mp poco a poco cresc.

2.<sup>a</sup> sord.  
mp poco a poco cresc.

secca sord.  
pp

secca sord.  
mp poco a poco cresc.

secca sord.  
pp

mp

poco a poco cresc.

pochissimo rit. a tempo

35

VI. I div. a 2

VI. II div. a 2

VI. II div. a 2

VI. II div. a 2

Vla. div. a 2

Vc. div. a 2

Cb.

con vibre.  
mp

con vibre.  
mp

con vibre.  
n

con vibre.  
n

unis.

div.

n

f

n

n

f

p poco a poco cresc.

mf cresc.

mf cresc.

mf cresc.

mf cresc.

p poco a poco cresc.

p poco a poco cresc.

p poco a poco cresc.

p poco a poco cresc.

n

f

p poco a poco cresc.

41

C Ritmico

*mus in flauto*

Picc.  
 Fl. 2  
 Fl. 1  
 Fl. 2  
 Cor. 1 & 2 (in F)  
 Cor. 3 & 4 (in F)  
 Tr. 1 (in Bb)  
 Tr. 2 (in Bb)  
 Tbn. 1  
 Tbn. 2  
 Tuba  
 Timp.  
 Perc. 2 [Glock.]  
 Perc. 3 [Crot.]  
 Pf.

41

C Ritmico

Vl. I div. a 3  
 Vl. II div. a 2  
 Vle. unis.  
 Vc. div. a 2  
 Cb. mf

46

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1 (in Eb)

B.Cl. (in Eb)

Fg. 1

Fg. 2

Tr. 1 (in Eb)

Timp.

Perc. 1 [Mar.]

Perc. 3 [Vibr.]

Pf.

Arpa

mf

f

*poco pud.*

*mp*

46

Vi. I

Vi. II

Vla.

Vc.

Cb.

f

uniso.





59

Musical score for measures 59-62, featuring a full symphony orchestra. The score is divided into two systems, with measure 59 marked at the beginning of each system.

**System 1 (Measures 59-62):**

- Flutes (Fl. 1, 2):** Flute 1 plays a melodic line with grace notes. Flute 2 plays a similar line.
- Oboes (Ob. 1, 2):** Oboe 1 plays a melodic line. Oboe 2 plays a similar line.
- Clarinets (Cl. 1, 2):** Clarinet 1 (in Bb) and Clarinet 2 (in Bb) play melodic lines.
- Bassoons (Fg. 1, 2):** Bassoon 1 and Bassoon 2 play melodic lines.
- Horns (Cor. 1 & 2, 3 & 4):** Horns 1 & 2 (in F) and Horns 3 & 4 (in F) play melodic lines.
- Trumpets (Tr. 1, 2):** Trumpet 1 (in Bb) and Trumpet 2 (in Bb) play melodic lines.
- Trombones (Tbn. 1, 2):** Trombone 1 and Trombone 2 play melodic lines.
- Tuba:** Tuba plays a melodic line.
- Timpani (Timp.):** Timpani plays a melodic line.
- Percussion (Perc. 1-3):** Percussion 1 (Tom-toms), Percussion 2 (S. Dr.), and Percussion 3 (Vibr.) play melodic lines.
- Piano (Pf.):** Piano plays a melodic line.
- Arpa:** Arpa plays a melodic line.

**System 2 (Measures 59-62):**

- Violins (Vi. I, II):** Violin I and Violin II play melodic lines.
- Viola (Vla.):** Viola plays a melodic line.
- Violoncello (Vc. div. a 2):** Violoncello plays a melodic line.
- Contrabass (Cb.):** Contrabass plays a melodic line.

Dynamic markings include *f*, *mf*, and *mp*. A *Gong* is marked in measure 62. A *unis* marking is present in the Violoncello part in measure 60.

65 **D** ← ♩ = ♩ →

Cor. 1 & 2 (in F) *f*

Cor. 3 & 4 (in F) *f*

Tr. 1 (in Bb) *f*

Tr. 2 (in Bb) *f*

Tbn. 1 *mf*

Tbn. 2 *mf*

Tuba *mf*

Timp. *f*

Perc. 1 [Tom-toms] *f*

Perc. 2 [S. Dr.] *f*

Perc. 3 [Gong & G.C.] *mf*

65 **D** ← ♩ = ♩ →

Vi. I *mp* *con sord., senza vibr.*

Vle. *f*

Vc. *f*

Cb. *mf*

73

FL 1

FL 2

Ob. 1

Ob. 2

Cl. 1 (in Eb)

Cl. 2 (in Eb)

Fg. 1

Fg. 2

Cor. 1 & 2 (in F)

Cor. 3 & 4 (in F)

Tr. 1 (in Eb)

Tr. 2 (in Eb)

Tbn. 1

Tbn. 2

Tuba

Perc. 3 [Vibr.]

Pf.

Arpa

73

VI. I div. a 2

VI. II div. a 2

Vc. div. a 2

Musical score for orchestral instruments from measure 73 to 75. The score includes parts for Flutes (FL 1, 2), Oboes (Ob. 1, 2), Clarinets (Cl. 1, 2), Bassoons (Fg. 1, 2), Horns (Cor. 1 & 2, 3 & 4), Trumpets (Tr. 1, 2), Trombones (Tbn. 1, 2), Tuba, Percussion (Perc. 3), Piano (Pf.), and Arpa. The bottom section includes Violins (VI. I, II), Viola (Vc.), and Double Bass (Vc. div. a 2).

77

Fl. 1 *cresc.* *mp* *cresc.*

Fl. 2 *cresc.* *mp* *cresc.*

Ob. 1 *cresc.* *mp* *cresc.*

Ob. 2 *cresc.* *mp* *cresc.*

Cl. 1 (in Bb) *cresc.* *mp* *cresc.*

Cl. 2 (in Bb) *cresc.* *mp* *cresc.*

Fg. 1

Fg. 2

Cor. 1 & 2 (in F) *mp cresc.*

Tr. 1 (in Bb)

Tbn. 1 *mp cresc.*

Tbn. 2 *mp cresc.*

Tuba *mp cresc.*

Timp. *(soft mallet)* *p* *(medium hard mallet)* *p cresc.*

Perc. 1 [Tom-toms] *mf cresc.*

Perc. 2 [S. Dr.] *p* *mf cresc.*

Perc. 3 [Vibr.] *mp*

Pf. *cresc.* *mp* *cresc.*

Apra. *cresc.* *mp* *cresc.*

77

VI. I *mp*  
*nati senza sond*  
*e con vite.*

div. a 2

Vc. *mp*  
 div. a 2

Cb. *pizz.* *mf*

81 ← ♩ = ♩ → E

FL 1

FL 2

Ob. 1

Ob. 2

Cl. 1 (in B)

Cl. 2 (in B)

Cor. 1 & 2 (in F)

Cor. 3 & 4 (in F) *mf cresc.*

Tr. 1 (in B)

Tr. 2 (in B) *mf cresc.*

Tbn. 1

Tbn. 2

Tuba

Timp.

Perc. 1 [Tom-toms]

Perc. 2 [S. Dr.]

Perc. 3 [G. C.]

Pf.

Arpa

81 ← ♩ = ♩ → E

VI. I div. a 2

VI. II div. a 2 *non senza cord. e con vib.*

Vle. div. a 2

Vc. div. a 2 *senza cord.*

Cb.

*(non dim.)*

*(non dim.)*

*(non dim.)*

*(non dim.)*

*(non dim.)*

*unis.*

FL 1

FL 2

Cl. 1 (in Bb)

Cl. 2 (in Bb)

Cor. 1 & 2 (in F)

Cor. 3 & 4 (in F)

Tr. 1 (in Bb)

Tr. 2 (in Bb)

Tbn. 1

Tbn. 2

Tuba

Timp.

Perc. 1 [Tom-toms]

Perc. 2 [S. Dr.]

Perc. 3 [Tam-tam & G.C.]

Arpa

Vc.

Cb.

*poco cresc.*

*gliss.*

*piu f*

*diminuendo*

*mf*

*p*

*sf*

*n*

86

92 = 92

F Leggiero (= 92)

Musical score for woodwinds and percussion. The section includes Flute 1 (Fl. 1), Flute 2 (Fl. 2), Clarinet 1 in B-flat (Cl. 1 (in Bb)), Clarinet 2 in B-flat (Cl. 2 (in Bb)), Cor 1 & 2 in F (Cor. 1 & 2 (in F)), Cor 3 & 4 in F (Cor. 3 & 4 (in F)), Tuba, and Percussion 1 (Perc. 1 [Tom-toms]). The woodwinds are marked with *muta in piccolo* and *muta in cl. basso*. The percussion part includes a tom-tom line with a fermata. The tempo is 92 and the style is Leggiero.

92 = 92

F Leggiero (= 92)

Musical score for strings and double bass. The section includes Violin I (VI. I div. a 4), Violin II (VI. II div. a 3), Viola (Vle. div. a 2), Violoncello (Vc. div. a 2), and Double Bass (Cb.). The strings are marked with *senza vibre.* and *con vord., senza vibre.*. The double bass part includes a *pp* marking. The tempo is 92 and the style is Leggiero.

99

Cor. 1 & 2 (in F)  
Cor. 3 & 4 (in F)

*con sord.*  
*p*

99

VI. I div. a 2 *nati con vibr.*  
VI. II div. a 2 *nati con sord., con vibr.*  
Vle. div. a 2  
Vc. div. a 2 *nati con sord., con vibr.*  
Cb.

*p* *mf* *p*



106

Picc.  
Fl. 2  
Cl. 1 (in Bb)  
Cl. 2 (in Bb)  
Perc. 2 [Crot.]  
Perc. 3 [Vib.]

*senza vibrato*  
*pp* *ff* *n*

*senza vibrato*  
*pp* *ff* *n*

*senza vibrato*  
*n* *ff* *n*

*senza vibrato*  
*n* *ff* *n*

*bowed*  
*ff*

*Sen* *ff* *Sen*

106

VI. I div. a 2  
VI. II div. a 2  
Vle. div. a 2  
Vc. div. a 2

*pp*



113 G

Picc. *ff* *n* *ff* *n* *mp cresc.* *(con vib.)*

Fl. 2 *ff* *n* *ff* *n* *mp cresc.* *(con vib.)*

Ob. 1 *senza vibrato* *n* *ff* *n* *f* *(con vib.)*

Ob. 2 *senza vibrato* *n* *ff* *n* *f* *(con vib.)*

Fg. 1 *n* *mf* *n*

Fg. 2 *n* *mf* *n*

Perc. 1 [Xyl.] *ff* *pp cresc.*

Perc. 2 [Crot.] *f* *n* *mp* *arco*

Perc. 3 [Vibr.] *ff* *pp cresc.* *(molto)*

---

113 G

Vi. I *f* *p poco a poco dim.* *ppp*

div. a 2 *f* *p poco a poco dim.* *ppp*

Vi. II *f* *p poco a poco dim.* *ppp* *mp*

div. a 2 *f* *p poco a poco dim.* *ppp*

Vle. *f* *p poco a poco dim.* *ppp* *mp*

div. a 2 *f* *p poco a poco dim.* *ppp*

Vc. *f* *p poco a poco dim.* *ppp*

div. a 2 *f* *p poco a poco dim.* *ppp*

120

Picc. *mf* *cresc.* *f*

Fl. 2 *mf* *cresc.* *f*

Ob. 1 *mf* *cresc.* *f*

Ob. 2 *mf* *cresc.* *f*

Cl. 1 (in Bb) *(con vib.)* *mp cresc.* *mf* *cresc.* *f*

B. Cl. (in Bb) *(con vib.)* *mf* *cresc.* *f*

Fg. 1 *mf* *cresc.* *f*

Fg. 2 *mf cresc.* *f*

Perc. 1 [Xyl.] *mp* *cresc.* *f*

Perc. 3 [Vibr.] *mp* *cresc.* *f*

Pf. *p cresc.* *mp* *cresc.* *f*

120

VI. I div. a 2 *ff brillante, senza vib.* *ff*

VI. II div. a 2 *ff brillante, senza vib.* *ff* *senza vib.* *mp*

Vle. div. a 2 *ff brillante, senza vib.* *ff*

Vc. div. a 2 *ff brillante, senza vib.* *ff*

Cb. *ff brillante, senza vib.*

120  
*ff brillante, senza vib.*  
(\* Quarter-tone glissando)

Detailed description of the musical score: This page contains musical notation for measures 120 and 121. The top half (measures 120-121) features a percussion section with parts for Piccolo, Flute 2, Oboe 1 and 2, Clarinet 1, Bass Clarinet, Fagot 1 and 2, Percussion 1 (Xylophone), Percussion 3 (Vibraphone), and Piano. The bottom half (measures 120-121) features a string section with parts for Violin I (divisi a 2), Violin II (divisi a 2), Viola (divisi a 2), Violoncello (divisi a 2), and Contrabasso. Dynamics include *mf*, *cresc.*, *f*, *mp*, *p*, and *ff*. Performance instructions include *con vib.*, *ff brillante, senza vib.*, and a quarter-tone glissando in the Cb part at measure 121. A box with the number '120' is located at the top left of the percussion section and at the top left of the string section.

127

Picc. *dim.* *mp* *pp*

Fl. 2 *dim.* *mp*

Ob. 1 *dim.* *mp*

Ob. 2 *dim.* *mp*

Cl. 1 (in Bb) *dim.* *mp*

B. Cl. (in Bb) *dim.* *mp*

Fg. 1 *dim.* *mp*

Fg. 2 *dim.* *mp*

Perc. 1 [Xyl.] *dim.* *p*

Perc. 3 [Vibr.] *p*

Pf. *dim.* *p*

127

VI. I div. a 2 *ff* *senza vibr.* *p* *mf*

VI. II div. a 2 *ff* *senza vibr.* *p* *f*

Vle. div. a 2 *ff* *pp*

Vc. div. a 2 *ff*

Cb. *mf*

134

Picc. *mf* *mp* *poco a poco dim.* *pp*

Fl. 2 *mf* *mp* *poco a poco dim.* *pp* *muia in flauto*

Ob. 1 *mf* *mp* *poco a poco dim.* *pp*

Ob. 2 *mf* *mp* *poco a poco dim.* *pp*

Cl. 1 (in Bb) *mf* *mp* *poco a poco dim.*

B. Cl. (in Bb) *mf* *mp* *poco a poco dim.*

Fg. 1 *mf* *mp* *poco a poco dim.*

Fg. 2 *mf* *mp* *poco a poco dim.*

Perc. 1 [Xyl.] *mp* *p* *diminuendo*

Perc. 2 [Crot.] *p*

Perc. 3 [Vibr.] *mp* *poco a poco dim.* *pp*

Pf. *mp* *poco a poco dim.*

Arpa *mp*

134

VI. I *pp* *f* *pp* *piu f* *pp*

div. a 2 *pp* *f* *pp* *piu f* *pp*

VI. II *pp* *mf*

div. a 2 *pp* *mf*

Cb. *mp*



[148] H ← ♩ = ♩ →

Cor. 1 & 2 (in F)

Perc. 2 (Chimes) *soff mallet* *mf*

Perc. 3 (Vibr.) *mf*

Pf.

[148] H ← ♩ = ♩ →

VI. I, div. 1 *col legno (first 1/2 p)* *pp*

VI. I, div. 2 *pp*

VI. II, div. 1 *pp*

VI. II, div. 2 *pp*

Viola, div. a 2 *p* *pp*

Vc., div. a 2 *p* *pp*

VI. I, div. 1:  
 Within the indicated register, play random discrete notes col legno, in several directions (1-8 second each).

VI. I, div. 2:  
 Within the indicated register, play random individual notes in separate repetition, separated by 3-5 seconds of silence. Example:

VI. II, div. 1:  
 Within the indicated register, play a freely undulating tremolo (triangles, all practice). Vary the frequency of the tremolo, and the speed and range of the glissando.

VI. II, div. 2:  
 Within the indicated register, play brief melodic fragments, each with 2-4 random notes, with the rest being ca. 3 seconds of silence. Example:

Viola:  
 Within the indicated register, play random harmonics, each note lasting 2-4 seconds, followed by 3-6 seconds of silence.

n



Musical score for woodwinds, percussion, and piano/strings. The score includes parts for Flute 1 and 2, Oboe 1 and 2, Clarinet 1 (in Bb) and 2 (in Bb), Cor 1 & 2 (in F), Percussion 1 (Maracas), Percussion 2 (Chimes), Percussion 3 (Log Drum), Piano (Pf.), and Arpa. The woodwinds and piano parts feature dynamic markings such as *p*, *mf*, and *mp*. Percussion parts include specific instructions for Triangle and Vibrations. The Arpa part has a complex rhythmic pattern with a *mf* dynamic.

Musical score for strings, including Violin I (VI. I div. a 2), Violin II (VI. II div. a 4), Viola (Vie.), and Violoncello (Vc. div. a 2). The score features dynamic markings such as *f*, *pp*, *mp*, and *n*. Performance instructions include *col legno*, *spiccato*, *div. a 2*, and *and.*. The strings play a complex rhythmic pattern with various articulations and dynamics.



167

*libero, quasi ritardando*

Fl. 1 *ppp* *mp* *f* *ppp*

Fl. 2 *ppp* *mp* *f* *ppp*

Ob. 1 *ppp* *mf* *f* *ppp*

Ob. 2 *ppp* *mf* *f* *ppp*

Cl. 1 (in Bb) *ppp* *f* *ppp*

Cl. 2 (in Bb) *ppp* *f* *ppp*

Perc. 2 [Crot.] *f*

Perc. 3 [Vibr.] *ppp* *p* *mf*

Pf. *ppp* *mp* *mf*

Arpa *ppp* *mf*

*gliss (libero, quasi ritardando)*

167

*and.*

VI. I div. a 2 *f* *mp* *f*

VI. II div. a 4 *f* *mp* *f*

Vie. *f* *mp* *f*

Vc. div. a 2 *p* *f* *mf*

171

I

Fl. 1

Fl. 2

Timp.

Perc. 3  
[Vibr.]

Pf.

Arpa

171

I

VI. I  
div. a 2

VI. II  
div. a 2

Vle.

Vc.  
div. a 2

176

Fl. 1

Fl. 2

Perc. 3  
[Vibr.]

Pf.

Arpa

176

VI. I  
div. a 2

VI. II

Vle.

Vc.

Cb.

181 breathe as necessary; avoid omitting highest notes

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1 (in B)

Cl. 2 (in B)

Perc. 3 [Vibr.]

Pf.

Arpa

181

VI. I div. a 2

VI. II

Vle. div. a 2

Vc.

Cb.

*poco cresc.*

*p*

*pp*

*poco cresc.*

*p*

*pp*

*poco cresc.*

*p*

breathe as necessary; avoid omitting highest notes

breathe as necessary; avoid omitting highest notes

breathe as necessary; avoid omitting highest notes

breathe as necessary; avoid omitting highest notes

breathe as necessary; avoid omitting highest notes

*poco più f*

*p cresc. div.*

*f*

*poco più f*

*p cresc. div.*

*f*

*poco più f*

*p cresc. div.*

*f*

*pizz.*

*mf*

*p*

*arco*

*mp cresc.*

*f*

*f*

186

Fl. 1 *enac.* *mf*

Fl. 2 *enac.* *mf*

Ob. 1 *enac.* *mf*

Ob. 2 *enac.* *mf*

Cl. 1 (in Bb) *enac.* *mf*

Cl. 2 (in Bb) *enac.* *mf*

Cor. 1 & 2 (in F) *a 2* *f*

Cor. 3 & 4 (in F) *senza cord.* *f*

Tr. 1 (in Bb) *f*

Tr. 2 (in Bb) *f*

Tbn. 1 *f*

Tbn. 2 *f*

Perc. 3 (Vibr.) *enac.* *mf*

Pf. *enac.* *mf*

Arpa

186

VI. I div. a 3

VI. II div. a 2 *div.*

Vle. div. a 2

Vc. div. a 2 *div.* *pizz.* *(arco)*

Cb.

190

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1 (in Bb)

Cl. 2 (in Bb)

C. Fag.

Perc. 3 (Vib.)

Pf.

190

VI. I div. a 2

VI. II div. a 2

Vle. div. a 2

Vc. div. a 2

Cb.

*cresc.*

*cresc.*

*cresc.*

*cresc.*

*cresc.*

*cresc.*

*f cresc.*

*cresc.*

*cresc.*

*cresc.*

*cresc.*

*cresc.*

*f*

*mf*

*cresc.*

K

195

FL. 1

FL. 2

Ob. 1

Ob. 2

Cl. 1 (in B)

Cl. 2 (in B)

Fg. 1

C. Fag.

Cor. 1 & 2 (in F)

Cor. 3 & 4 (in F)

Tr. 1 (in B)

Tr. 2 (in B)

Tbn. 1

Tbn. 2

Tuba

Perc. 1 [Xyl.]

Perc. 3 [Vibr.]

Pf.

Arpa

K

195

Vi. I div. a 2

Vi. II div. a 2

Vla. div. a 2

Vc. div. a 2

Cb.

199

Fl. 1

Fl. 2

Ob. 1

Ob. 2

Cl. 1 (in Eb)

Cl. 2 (in Bb)

Fg. 1

C.Fag.

Cor. 1 & 2 (in F)

Cor. 3 & 4 (in F)

Tr. 1 (in Bb)

Tr. 2 (in Bb)

Tbn. 1

Tbn. 2

Tuba

Perc. 1 [Xyl.]

Perc. 3 [Vibr.]

Pf.

Arpa

199

Vi. I div. a 2

Vi. II div. a 2

Vla. div. a 2

Vc.

Cb.

33

204 L

FL 1 *mf*

FL 2 *mf*

Ob. 1 *mf*

Ob. 2 *mf*

Cl. 1 (in Bb) *mf*

Cl. 2 (in Bb) *mf*

Fg. 1 *f*

C.Fag. *f*

Cor. 1 & 2 (in F) *mf*

Cor. 3 & 4 (in F) *mp*

Tr. 1 (in Bb) *mf* *solo*

Tr. 2 (in Bb) *mf*

Tbn. 1 *mp*

Tbn. 2 *mp*

Timp. *(come sopra)* *f*

Perc. 1 [Mar.] *ffz*

Perc. 2 [Anv. & Tom-tom] *f*

Perc. 3 [Log Dr] *f*

Pf. *arpeggio before the beat* *f*

204 L

VI. I div. a 2 *senza vib.* *n* *f* *mf* *mp*

VI. II div. a 2 *gliss. a villo* *senza vib.* *n* *f* *mf* *mp*

Vla. div. a 2 *gliss. a villo* *senza vib.* *n* *f* *mf* *mp*

Vc. div. a 2 *a 2 soli 1.p.* *f* *and.* *tutti div. a 2* *mp dim.*

Cb. *f* *mp dim.*





214

Picc. *f* *piu f*

Fl. 2 *f* *piu f*

Ob. 1 *f* *piu f*

Ob. 2 *f* *piu f*

Cl. 1 (in Bb) *f* *piu f*

Cl. 2 (in Bb) *f* *piu f*

Cor. 1 & 2 (in F) *f* *piu f*

Cor. 3 & 4 (in F) *f* *piu f*

Tbn. 1 *f* *mf* *piu f*

Tbn. 2 *f* *mf* *piu f*

Tuba *f* *piu f*

Perc. 2 [Glock.] *f*

214

VI. I div. a 3 *mf* *piu f* *div. a 2*

VI. II div. a 2 *mf* *piu f*

Vle. div. a 2 *mf* *piu f*

Vc. *mf* *piu f*

Cb. *mf* *piu f*

218 N

Picc.  
Fl. 2  
Ob. 1  
Ob. 2  
Cl. 1 (in Bb)  
Cl. 2 (in Bb)  
Fg. 1  
Fg. 2  
Cor. 1 & 2 (in F)  
Cor. 3 & 4 (in F)  
Tr. 1 (in Bb)  
Tr. 2 (in Bb)  
Tbn. 1  
Tbn. 2  
Tuba  
Timp.  
Perc. 1 [Tom-tom]  
Perc. 2 [Glick.]  
Perc. 3 [Tam-tam]

218 N

VI. I div. a 2  
VI. II div. a 2  
Vla. div. a 2  
Vc. div. a 2  
Cb.

223

Picc. *f* *mf*

Fl. 2 *f* *mf*

Ob. 1 *p* *dim. al niente* *n*

Ob. 2 *p* *dim. al niente* *n*

Cl. 1 (in Eb) *p* *dim. al niente* *n*

Cl. 2 (in Eb) *p* *dim. al niente* *n*

Fg. 1 *p* *dim. al niente* *n*

Fg. 2 *p* *dim. al niente* *n*

Cor. 1 & 2 (in F) *n*

Cor. 3 & 4 (in F) *n*

Tr. 1 (in Eb) *mp*

Tr. 2 (in Eb) *mp*

Tbn. 1 *n*

Tbn. 2 *n*

Tuba *n*

Perc. 1 [Chimes] *f* *mf*

Perc. 2 [Glock.] *f* *mf*

223

VI. I *f* *poco a poco nel pont.* *(libero)* *s. p.* *pppp*

div. a 2 *f* *poco a poco nel pont.* *(libero)* *s. p.* *pppp*

VI. II *f* *poco a poco nel pont.* *(libero)* *s. p.* *pppp*

div. a 2 *f* *poco a poco nel pont.* *(libero)* *s. p.* *pppp*

Vle. *f* *poco a poco nel pont.* *(libero)* *s. p.* *pppp*

Vc. *f* *poco a poco nel pont.* *(libero)* *s. p.* *pppp*

div. a 2 *f* *poco a poco nel pont.* *(libero)* *s. p.* *pppp*

Cb. *f* *poco a poco nel pont.* *(libero)* *s. p.* *pppp*

*col legno*

*pppp*

*pp*

*pp*



