

# **Moons of Jupiter**

## **I. Europa**

(2019)

**PERUSAL SCORE**

**Brooke Pierson**

**NO COPIES  
PERMITTED**



**TAURUS MUSIC PUBLISHING**  
Brooke Pierson Music

**PERUSAL SCORE**

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## **Instrumentation**

Flute 1-2  
Oboe  
Bassoon  
Clarinet in Bb 1  
Clarinet in Bb 2  
Clarinet in Bb 3  
Bass Clarinet 1-2

Alto Sax 1  
Alto Sax 2

Tenor Sax  
Baritone Sax

Trumpet in Bb 1-2  
Trumpet in Bb 3-4  
Horn in F 1-2  
Horn in F 3-4  
Trombone 1  
Trombone 2  
Trombone 3  
Euphonium  
Tuba

# **PERUSAL SCORE**

## **NO COPIES**

### **Percussion (9 players)**

# **PERMITTED**

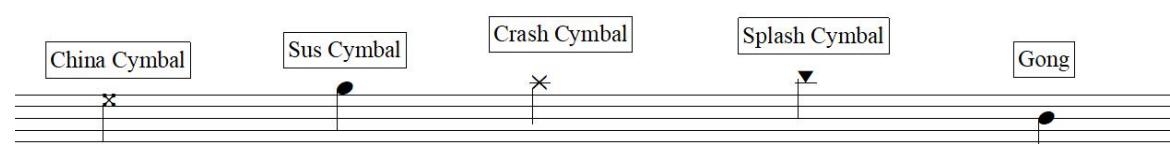
Piano  
Timpani  
Vibraphone (with 2 bass bows)  
Crotales & Chimes (with bass bow)  
Bells and Xylophone

### **Percussion 1 (1 player)**

Triangle  
Tambourine (mounted and played with sticks)

### **Percussion 2 (2 players)**

Water Gong (optional)  
Large Gong  
Splash Cymbal  
Suspended Crash Cymbal  
Suspended Cymbal (rolls)  
Splash Cymbal  
China Cymbal



Bass Drum

## Program Notes

The planet Jupiter, our solar system's largest object other than the Sun, is visible with the naked eye on Earth. With a fairly basic telescope, you can see its color bands and its moons. As of 2019 there are a total of 53 named moons and another 23 waiting to be officially named. Jupiter's four largest moons, also known as the Galilean moons, are the most notable and include Io, Europa, Ganymede, and Callisto.

Io and Europa are the two most interesting and scientifically important for several reasons. Io is the most volcanically active body in the solar system due to the literal stretching of the planets solid surface during orbit around Jupiter's massive gravity. This pulling and stretching of the crust creates heat and volcanic activity, driving away any water. Europa, on the other hand, is considered one of the smoothest surfaces in the solar system. This intrigues scientists because a smooth surface indicates a moving and reforming surface. In this case, is believed the surface is a relatively thin layer of ice and slush with water found underneath. The predominant thought is that there is twice as much water on Europa than on Earth.

## PERUSAL SCORE

These two planets really compliment each other in a musical interpretation - essentially fire and ice.

### Europa

This piece is designed to elicit a feeling of ice and subtle motion (such as the possibility of water underneath the surface). The work contains an homage to Holst's The Planets with the opening solo on horn in Europa reminiscent of that from Venus. The suspension and resolution occurring after between the two loud sections is also a passage coming from the end of Mars which builds up suspense for the final motif.

## NO COPIES

While there is no specific programmatic story, the opening as an icy chill of percussion moving towards a more energetic color can give one a sense of traveling to and passing the moon on a satellite of craft.

## PERMITTED

Generally, this work should be performed fairly consistent in tempo with exception of one section of con-

## I. Europa

# Moons of Jupiter

Brooke Pierson

Delay heavily before A

## Score

**Slowly** ♩ = 60

Musical score for Flute 1-2, Oboe, and Bassoon. The score consists of three staves. The top staff is for Flute 1-2, the middle for Oboe, and the bottom for Bassoon. All staves are in common time (indicated by a '4' in a large box) and have a key signature of one flat. The bassoon staff has a bass clef, while the flute and oboe staves have a treble clef. The flute and oboe staves are mostly blank, with the first note in each staff being a short vertical line. The bassoon staff has six short vertical lines. The dynamic marking 'pp' (pianissimo) is placed above the bassoon staff.

**Slowly** ↓ = ( )

# PERUSAL SCORE

**Slowly** ♩ = 60

# NO COPIES

# PERMITTED

Trombone 1

Trombone 2

Trombone 3

Euphonium

Tuba

Musical score for piano. The left hand is silent (indicated by a dash) for the first six measures. In measure 7, the left hand plays a sixteenth-note pattern: a eighth note followed by a sixteenth-note rest, then two eighth notes, another sixteenth-note rest, and finally three eighth notes. The dynamic is marked *mf*. In measure 8, the dynamic changes to *ppp*, indicated by a very faint dynamic marking above the staff.

Slowly ↘ = 60

Musical score for Timpani and Vibraphone. The score consists of two staves. The top staff is for Timpani, indicated by a bass clef and a key signature of one flat. The bottom staff is for Vibraphone, indicated by a treble clef and a key signature of one flat. The Vibraphone staff features a 4/4 time signature. The Vibraphone part begins with a dynamic of *f*, followed by a sixteenth-note pattern. The Timpani part consists of sustained notes throughout the measure.

Musical score for Crotales and Chimes and Bells and Xylophone. The score consists of two staves. The top staff is for Crotales and Chimes, and the bottom staff is for Bells and Xylophone. Both staves are in common time (indicated by a 'C') and have a key signature of one flat (indicated by a 'F'). The Crotales and Chimes staff has a treble clef. The Bells and Xylophone staff has a treble clef. The music begins with a series of rests followed by a dynamic instruction 'mf' above the Bells and Xylophone staff. The Bells and Xylophone staff then continues with a melodic line, ending with a dynamic 'p'. The Crotales and Chimes staff remains silent throughout the entire section.

\* Continuously slightly beat the gong while pulling in and out of the water for your desired effect.

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**A**

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

solo

*mp*

*p*

*p*

*p*

**A**

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

**A**

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

**NO COPIES**

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Piano

7

*p*

**A**

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo  
Perc. 1  
Perc. 2  
B. Dr.

*ppp*

*Bowed*

*mallet*

*mallet*

*Bowed*

*p*

*pp*

A musical score page featuring a grid of 16 staves for various instruments. The instruments listed on the left are: Fl. 1-2, Ob., Bsn., Bb Cl. 1, Bb Cl. 2, Bb Cl. 3, B. Cl. 1-2, A. Sx. 1, A. Sx. 2, T. Sx., B. Sx., Bb Tpt. 1-2, Bb Tpt. 3-4, Hn. 1-2, Hn. 3-4, Tbn. 1, Tbn. 2, Tbn. 3, Euph., Tuba, Piano, Timp., Vib., Crt./Chimes, Bls./Xylo, Perc. 1, Perc. 2, and B. Dr. The score includes dynamic markings like *p*, *pp*, *mp*, and *ppp*. Overlaid on the score in large red capital letters are the words "PERUSAL SCORE", "NO COPIES", and "PERMITTED". The "PERUSAL SCORE" and "NO COPIES" lines are stacked vertically in the upper half of the page, while "PERMITTED" is centered below them in the lower half.

## I. Europa (8/24)

**PERUSAL SCORE**

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Fl. 1-2 solo *mp* *mf* Bend pitch

Ob. *mp*

Bsn.

B♭ Cl. 1

B♭ Cl. 2 *mp*

B♭ Cl. 3

B. Cl. 1-2

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B♭ Tpt. 1-2

B♭ Tpt. 3-4

Hn. 1-2

Hn. 3-4

Tbn. 1

Tbn. 2 *mp* slowly over full beat *Glissando*

Tbn. 3

Euph.

Tuba

Piano *p* *mp*

Tim.

Vib. Bowed

Crt./Chimes Chimes

Bls./Xylo Crot. Bowed

Perc. 1

Perc. 2

B. Dr. B.D. wood mallet *mp* B.D. Soft Mallet *p* *mp*

I. Europa (9/24)

**PERUSAL SCORE**

**NO COPIES**

**PERMITTED**

I. Europa (10/24)

A musical score page featuring a grid of 28 staves for various instruments. The instruments listed on the left are: Fl. 1-2, Ob., Bsn., Bb Cl. 1, Bb Cl. 2, Bb Cl. 3, B. Cl. 1-2, A. Sx. 1, A. Sx. 2, T. Sx., B. Sx., Bb Tpt. 1-2, Bb Tpt. 3-4, Hn. 1-2, Hn. 3-4, Tbn. 1, Tbn. 2, Tbn. 3, Euph., Tuba, Piano, Timp., Vib., Crt./Chimes, Bls./Xylo, Perc. 1, Perc. 2, and B. Dr. The page is divided into four vertical sections by thick black lines. The first section contains measures 29 through 32. The second section contains measures 33 through 36. The third section contains measures 37 through 40. The fourth section contains measures 41 through 44. Large, bold, red text is overlaid on the score: 'PERUSAL SCORE' in the top section, 'NO COPIES' in the middle section, and 'PERMITTED' in the bottom section.

## I. Europa (11/24)

**PERUSAL SCORE**

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**PERMITTED**

## I. Europa (12/24)

The musical score consists of 24 staves of music for a large orchestra and piano. The instruments listed include Flute 1-2, Oboe, Bassoon, Bassoon Clarinet 1, Bassoon Clarinet 2, Bassoon Clarinet 3, Bassoon Clarinet 1-2, Alto Saxophone 1, Alto Saxophone 2, Tenor Saxophone, Bass Saxophone, Bass Trombone 1-2, Bass Trombone 3-4, Horn 1-2, Horn 3-4, Trombone 1, Trombone 2, Trombone 3, Euphonium, Tuba, Piano, Timpani, Vibraphone, Crotalines/Chimes, Bass Xylophone, Percussion 1, Percussion 2, and Bass Drum. The score is in 12/24 time, with measures numbered 1 through 38. The music features dynamic markings such as ff (fortissimo), ffz (fortississimo), and mf (mezzo-forte). The title 'I. Europa (12/24)' is at the top. Overlaid on the score are three large, bold red text statements: 'PERUSAL SCORE' (across the first four staves), 'NO COPIES' (across the next four staves), and 'PERMITTED' (across the remaining staves).

I. Europa (13/24)

# PERUSAL SCORE

# NO COPIES

# PERMITTED

A musical score page featuring a grid of 18 staves for various instruments. The instruments listed on the left are Fl. 1-2, Ob., Bsn., B♭ Cl. 1, B♭ Cl. 2, B♭ Cl. 3, B. Cl. 1-2, A. Sx. 1, A. Sx. 2, T. Sx., B. Sx., B♭ Tpt. 1-2, B♭ Tpt. 3-4, Hn. 1-2, Hn. 3-4, Tbn. 1, Tbn. 2, Tbn. 3, Euph., Tuba, Piano, Timp., Vib., Crt./Chimes, Bls./Xylo, Perc. 1, Perc. 2, and B. Dr. The page is divided into three vertical sections by bar lines. Overlaid on the score are three large, bold, red text statements: 'PERUSAL SCORE' in the top section, 'NO COPIES' in the middle section, and 'PERMITTED' in the bottom section. The 'NO COPIES' statement is partially obscured by the 'PERMITTED' statement.

## I. Europa (14/24)

Fl. 1-2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl. 1-2

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B. Tpt. 1-2

B. Tpt. 3-4

Hn. 1-2

Hn. 3-4

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Piano

Timp.

Vib.

Crt./Chimes

Bls./Xylo

Perc. 1

Perc. 2

B. Dr.

PERUSAL SCORE

NO COPIES

PERMITTED

Fl. 1-2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl. 1-2

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B. Tpt. 1-2

B. Tpt. 3-4

Hn. 1-2

Hn. 3-4

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Piano

Tim.

Vib.

Crt./Chimes

Bls./Xylo

Perc. 1

Perc. 2

B. Dr.

**PERUSAL SCORE**

**NO COPIES**

**PERMITTED**

Musical score for Flute 1-2, Oboe, and Bassoon. The score shows three staves. Flute 1-2 (top) has a grace note and a fermata. Oboe (middle) and Bassoon (bottom) play eighth-note pairs. Measure 53 ends with a dynamic *p*.

# PERUSAL SCORE

# PERMITTED

Piano {

53 D

Tim.

Vib.

Crt./Chimes

Bls./Xylo

Chimes

p

p

Perc. 1

Perc. 2

B. Dr.

53

**E**

60

Fl. 1-2  
Ob.  
Bsn.

solo  
mp

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

solo  
mp

p

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

tutti  
p  
mp

**PERUSAL SCORE**

60

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

Oboe  
mp

solo

Horn in F 1-2  
mp

60

Piano

60

Timp.  
Vib.  
Crt./Chimes  
Bls./Xylo

**NO COPIES**

**PERMITTED**

E

Horn in F 1-2  
mp

Water Gong\*

pp

Perc. 1  
Perc. 2  
B. Dr.

A musical score page featuring multiple staves of music for various instruments. The instruments listed include Flute 1-2, Oboe, Bassoon, Clarinet 1, Clarinet 2, Clarinet 3, Bass Clarinet 1-2, Alto Saxophone 1, Alto Saxophone 2, Tenor Saxophone, Bass Saxophone, Bassoon Tpt 1-2, Bassoon Tpt 3-4, Horn 1-2, Horn 3-4, Trombone 1, Trombone 2, Trombone 3, Euphonium, Tuba, Piano, Timpani, Vibraphone, Crt/Chimes, Bls/Xylo, Percussion 1, Percussion 2, and Bass Drum. The score is in 2/4 time throughout. Large, bold, red text is overlaid on the page: 'PERUSAL SCORE' at the top, 'NO COPIES' in the middle, and 'PERMITTED' below it. Measure numbers 67 are visible at the beginning of several staves.

I. Europa (19/24)

# PERUSAL SCORE

# NO COPIES

# PERMITTED

A musical score page featuring a grid of 21 staves for various instruments. The instruments listed on the left are Fl. 1-2, Ob., Bsn., B♭ Cl. 1, B♭ Cl. 2, B♭ Cl. 3, B. Cl. 1-2, A. Sx. 1, A. Sx. 2, T. Sx., B. Sx., B♭ Tpt. 1-2, B♭ Tpt. 3-4, Hn. 1-2, Hn. 3-4, Tbn. 1, Tbn. 2, Tbn. 3, Euph., Tuba, Piano, Timp., Vib., Crt./Chimes, Bls./Xylo, Perc. 1, Perc. 2, and B. Dr. The page contains three large, bold, red text overlays: 'PERUSAL SCORE' centered at the top, 'NO COPIES' in the middle, and 'PERMITTED' below it. Measure numbers 75 are visible at the beginning of several staves. Dynamic markings like 'cresc.', 'mf', 'rit.', and 'mp' are scattered throughout the score.

## I. Europa (20/24)

**A little faster ( $\text{♩} = 68$ )**

**Fl. 1-2** *ff* sim. 2nd flute 8va

**Ob.** *ff*

**Bsn.** *ff*

**B♭ Cl. 1** *ff*

**B♭ Cl. 2** *ff*

**B♭ Cl. 3** *ff*

**B. Cl. 1-2** *ff*

**A. Sx. 1** **F** **A little faster ( $\text{♩} = 68$ )**

**A. Sx. 2** *ff*

**T. Sx.** *ff*

**B. Sx.** *ff*

**B. Tpt. 1-2** *ff*

**B. Tpt. 3-4** *ff*

**Hn. 1-2** *ff*

**Hn. 3-4** *ff*

**Tbn. 1** *ff*

**Tbn. 2** *ff*

**Tbn. 3** *ff*

**Euph.** *ff*

**Tuba** *ff*

**Piano** **80** *ff*

**Tim.** *ff*

**Vib.**

**Crt./Chimes** *ff*

**Bls./Xylo** *ff*

**Perc. 1** **80** *ff*

**Perc. 2** *ff* *mf*

**B. Dr.** *ff* *f* *ff*

**PERUSAL SCORE**

**NO COPIES**

**PERMITTED**

## I. Europa (21/24)

**PERUSAL SCORE**

**NO COPIES**

**PERMITTED**

*molto rit.*

Fl. 1-2

Ob.

Bsn.

B♭ Cl. 1

B♭ Cl. 2

B♭ Cl. 3

B. Cl. 1-2

A. Sx. 1

A. Sx. 2

T. Sx.

B. Sx.

B. Tpt. 1-2

B. Tpt. 3-4

Hn. 1-2

Hn. 3-4

Tbn. 1

Tbn. 2

Tbn. 3

Euph.

Tuba

Piano

Tim.

Vib.

Crt./Chimes

Bls./Xylo

Perc. 1

Perc. 2

B. Dr.

**PERUSAL SCORE**

**NO COPIES**

**PERMITTED**

*molto rit.*

*molto rit.*

*molto rit.*

*choke*

*mf*

*mf*

## I. Europa (23/24)

**PERUSAL SCORE**

**NO COPIES**

**PERMITTED**

**G Slowly ♩ = 60**

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

B. Tpt. 1-2  
B. Tpt. 3-4  
Hn. 1-2  
Hn. 3-4

Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

Piano

Tim.  
Vib.  
Crt./Chimes  
Bls./Xylo

Perc. 1  
Perc. 2  
B. Dr.

98

Fl. 1-2  
Ob.  
Bsn.

B♭ Cl. 1  
B♭ Cl. 2  
B♭ Cl. 3  
B. Cl. 1-2

A. Sx. 1  
A. Sx. 2  
T. Sx.  
B. Sx.

98

B♭ Tpt. 1-2  
B♭ Tpt. 3-4  
Hn. 1-2  
Hn. 3-4  
Tbn. 1  
Tbn. 2  
Tbn. 3  
Euph.  
Tuba

98

Piano

98

Timp.  
Vib.  
Crt./Chimes  
Bls./Xylo

98

Perc. 1  
Perc. 2

98

B. Dr.

**PERUSAL SCORE**

**NO COPIES**

**PERMITTED**

let fully ring

Bowed

mallet

\*\*

Bowed

Water Gong\*

pp

**PERUSAL SCORE**

**NO COPIES  
PERMITTED**