



# Jovian Moons

*Suite for Symphonic Winds and Percussion*

- I. Callisto
- II. Europa
- III. Io
- IV. Ganymede

Ralph Raymond Hays

# JOVIAN MOONS

Suite for Symphonic Winds and Percussion

## I. CALLISTO

Ralph Raymond Hays (ASCAP, SCI)

Slowly (♩ = 60)

Soprano (S) and Alto (A) parts are at the top, with lyrics: (Men who are not playing now will sing.) ooh. Tenor (T) and Bass (B) parts are below. The instrumental parts include Piccolo, Flute (1, 2), Oboe (1, 2), Bb Clarinet (1, 2, 3), Bass Clarinet, Alto Saxophone (1, 2), Tenor Saxophone, Baritone Saxophone, Bassoon (1, 2), Trumpet in Bb (1, 2, 3), Horn in F (1-2, 3-4), Trombone (1, 2, 3), Euphonium, Tuba, Mallets (vibraphone), Percussion (snare drum, sus. cym., claves), and Timpani. Dynamic markings include *pp* and accents (>).



16

S  
A

Voices

T  
B

Pic.

1

Fl.

2

1

Ob.

2

1

Cl. 2

3

B.Cl.

1

A. Sax

2

T. Sax

B. Sax

1

Bsn.

2

1

Bb Tpt. 2

3

1-2

Hn.

3-4

1

Tbn. 2

3

Euph.

Tbn.

1

Mallets

2

1

Perc.

2

Timp.

24

S  
A

Voices

T  
B

Pic.

1

Fl.

2

1

Ob.

2

1

Cl. 2

3

B.Cl.

1

A. Sax

2

T. Sax

B. Sax

1

Bsn.

2

1

Bb Tpt.

2

3

1-2

Hn.

3-4

1

Tbn.

2

3

Euph.

Tbn.

1

Mallets

2

1

Perc.

2

Timp.

xylophone

snare (snares on)

timpani - F#, A, C

30

S  
A

Voices

T  
B

Pic.

1

Fl.  
2

1

Ob.  
2

1

Cl. 2  
3

B.Cl.

1

A. Sax  
2

T. Sax

B. Sax

1

Bsn.  
2

1

Bb Tpt. 2  
3

1-2

Hr.  
3-4

1

Tbn. 2  
3

Euph.

Tbn.

1

Mallets  
2

Perc.  
2

Timp.





# II. EUROPA

Moderately (♩ = 72)

3

Piccolo

1 Flute *pp*

2 Flute *pp*

Oboe 1

English Horn

1 Bb Clarinet *pp*

2 Bb Clarinet *pp*

3 Bb Clarinet *pp*

Bass Clarinet

1 Alto Saxophone *mp* solo

2 Alto Saxophone

Tenor Saxophone *p*

Baritone Saxophone *p*

1 Bassoon

2 Bassoon

1 Trumpet in Bb *pp* straight mute

2 Trumpet in Bb *pp* straight mute

3 Trumpet in Bb *pp* straight mute

1, 2 Horn in F

3, 4 Horn in F

1 Trombone

2 Trombone

3 Trombone *p*

Euphonium *p*

Tuba *p*

1 Mallets

2 Mallets

1 Percussion

2 Percussion

Timpani

Pic.

1  
Fl.

2

Ob. 1

E. Hu.

1  
Cl. 2

3

B. Cl.

1  
A. Sax

2  
T. Sax

B. Sax

1  
Bsn.

2

1  
Bb Tpt. 2

3

1-2  
Hn.

3-4

1

Tbn. 2

3

Euph.

Tba.

1  
Mallets

2

1  
Perc.

2

Timp.

*p*

*lo*

*bsn 1 cue*



10

Pic.

1

Fl.

2

Ob. 1

E. Hu.

1

Cl. 2

3

B. Cl.

1

A. Sax

2

T. Sax

B. Sax

1

Bsn.

2

1

Bb Tpt. 2

3

1-2

Hn.

3-4

1

Tbn. 2

3

Euph.

Tba.

1

Mallets

2

1

Perc.

2

Timp.

*mp*

*p*

*p*

13

15

solo

*mf*

*p*

*mp*

*p*

*p*

*p*

*mp*

straight mute

*p*

straight mute

*p*

straight mute

*p*

tpt. 4 cue (stopped)

*p*

chimes

*p*

13

1

2

1

2

Perc.

1

2

Timp.

16

Pic. *solo*

1 *solo*  
*mf*

2 *soli*

Ob. 1 *soli*

E. Hu.

1

Cl. 2

3

B. Cl.

1 *mp*  
*p*

2 *p*

T. Sax.

B. Sax.

1 *mp*

2 *fp*

Bsn. 2 *fp*

1 *fp*

Bb Tpt. 2 *fp*

3 *fp*

1-2 *p*

3-4 *p*

1 *fp*

Tbn. 2 *fp*

3 *fp*

Euph.

Tba.

1 *fp*

2

Mallets

1

Perc. 2

Timp.

20

Pic. 1

Fl. 2

Ob. 1

E. Hu.

1

Cl. 2

3

B. Cl.

1

A. Sax

2

T. Sax.

B. Sax.

1

Bsn.

2

1

Bb Tpt. 2

3

1-2

Hn.

3-4

1

Tbn. 2

3

Euph.

Tba.

1

Mallets

2

1

Perc.

2

Timp.

20

*p*

*f*

*sus. cym.*

wind chimes

22

Pic. *mf* 3

1 *mf* 3

2 *mf* 3

Ob. 1 *mf*

E. Hu. *mf*

1 *mp* 3

Cl. 2 *mp* 6

3 *mp* 6

B. Cl. *mf*

1 *mp*

2 *mp*

T. Sax. *mp* 6

B. Sax. *mp* 6

1 *mf*

2 *mf*

Bb Tpt. 1 *f*

2 *f*

3 *f*

1-2 *mf*

3-4 *mf*

1 *mf*

2 *mf*

3 *mf*

Euph. *mf*

Tba. *mf*

Mallets 1 *f*

2 *mp* 3

Perc. 1

2

Timp.

This page of a musical score contains the following parts and staves:

- Pic.** (Piccolo)
- Fl.** (Flutes) 1 and 2
- Ob. 1** (Oboe 1)
- E. Hu.** (English Horn)
- Cl. 1** (Clarinet 1) with triplet markings
- Cl. 2** (Clarinet 2) with sixteenth-note patterns
- B. Cl.** (Bass Clarinet)
- A. Sax** (Alto Saxophone) 1 and 2
- T. Sax** (Tenor Saxophone)
- B. Sax** (Baritone Saxophone)
- Bsn.** (Bassoon) 1 and 2
- Bb Tpt.** (B-flat Trumpet) 1, 2, and 3
- Hn.** (Horn) 1-2 and 3-4
- Tbn.** (Trombone) 1, 2, and 3
- Euph.** (Euphonium)
- Tba.** (Tuba)
- Mallets** (Mallet percussion)
- Perc.** (Percussion) 1 and 2
- Timp.** (Timpani)

The score includes various musical notations such as notes, rests, and dynamic markings. A dynamic marking of *p* (piano) is visible in the Horn 1-2 staff at the end of the page.

29

Pic. 1

Fl. 2

Ob. 1

E. Hu. 1

Cl. 1 2

B. Cl. 1 2

A. Sax 1 2

T. Sax

B. Sax 1 2

Bsn. 1 2

Bb Tpt. 1 2 3

Hn. 1-2 3-4

Tbn. 1 2 3

Euph.

Tba.

Mallets 1 2

Perc. 1 2

Timp.

*p*

to oboe

to Soprano Saxophone

The image shows a page of a musical score, page 17, starting at measure 29. The score is arranged in a standard orchestral layout with multiple staves for different instruments. The woodwind section includes Piccolo (Pic.), Flute (Fl.), Oboe (Ob.), English Horn (E. Hu.), Clarinet (Cl.), Bass Clarinet (B. Cl.), Alto Saxophone (A. Sax), Tenor Saxophone (T. Sax), Baritone Saxophone (B. Sax), and Bassoon (Bsn.). The brass section includes Bb Trumpet (Bb Tpt.), Horn (Hn.), Trombone (Tbn.), Euphonium (Euph.), and Tuba (Tba.). The percussion section includes Mallets, Percussion (Perc.), and Timpani (Timp.). The score is written in a key signature of one sharp (F#) and a 3/4 time signature. Dynamic markings such as *p* (piano) are used throughout. Performance instructions like "to oboe" and "to Soprano Saxophone" are present. The page number "- 17 -" is centered at the bottom.

# III. Io

Joyfully (♩ = 240)

This musical score is for the piece "III. Io" and is marked "Joyfully" with a tempo of ♩ = 240. The score is arranged for a full orchestra and includes the following parts:

- Piccolo**: 1 part, rests throughout.
- Flute**: 2 parts, 1 and 2, playing a melodic line with accents and *mf* dynamics.
- Oboe**: 2 parts, 1 and 2, playing a melodic line with accents and *mf* dynamics.
- B♭ Clarinet**: 2 parts, 1 and 2, playing a melodic line with accents and *mf* dynamics.
- Bass Clarinet**: 1 part, playing a rhythmic accompaniment.
- Soprano Saxophone**: 1 part, rests throughout.
- Alto Saxophone**: 2 parts, 1 and 2, rests throughout.
- Tenor Saxophone**: 1 part, rests throughout.
- Baritone Saxophone**: 1 part, playing a rhythmic accompaniment with *mp* dynamics.
- Bassoon**: 2 parts, 1 and 2, playing a rhythmic accompaniment with *mp* dynamics.
- Trumpet in B♭**: 3 parts, 1, 2, and 3, rests throughout.
- Horn in F**: 4 parts, 1-2 and 3-4, rests throughout.
- Trombone**: 3 parts, 1, 2, and 3, rests throughout.
- Euphonium**: 1 part, rests throughout.
- Tuba**: 1 part, rests throughout.
- Mallets**: 2 parts, 1 and 2, playing a rhythmic accompaniment with accents and *mf* dynamics.
- Percussion**: 2 parts, 1 and 2, playing a rhythmic accompaniment with *mp* dynamics. Part 1 includes a triangle.
- Timpani**: 1 part, playing a rhythmic accompaniment with accents.

13

Pic. *mf*

1 *mf*

Fl. 2 *mf*

Ob. 1 *mf*

Ob. 2 *mf*

Cl. 2 1 *mf*

Cl. 2 3 *mf*

B.Cl. *mf*

S. Sax. *mf*

A. Sax. 1

A. Sax. 2 *mf*

T. Sax. *mf*

B. Sax. *mp*

Bsn. 1 *mp*

Bsn. 2 *mp*

Bb Tpt. 1

Bb Tpt. 2

Bb Tpt. 3

Hr. 1-2 *mp*

Hr. 3-4 *mp*

Tbn. 1

Tbn. 2

Tbn. 3

Euph. *mp*

Tbn. *mp*

Mallets 1 *mp*

Mallets 2

Perc. 1 agogo bells *mf*

Perc. 2 *mp*

Timp. *mp* gongourine

25

Pic. *mf*

1 *mf*

Fl. 2 *mf*

1 *mf*

Ob. 2 *mf*

1 *mf*

Cl. 2 *mf*

3 *mf*

B.Cl. *mf*

S. Sax. *mf*

1

A. Sax. 2 *mf*

T. Sax. *mf*

B. Sax. *mp*

1 *mf*

Bsn. 2 *mf*

1 *mf*

Bb Tpt. 2 *mf*

3 *mf*

1-2 *mp*

Hr. 3-4 *mp*

1 *mf*

Tbn. 2 *mf*

3 *mf*

Euph. *mf*

Tbn. *mf*

1 *mf*

Mallets *mf*  
orchestra bells

2 *mf*

1 *mf*  
snare (snares on)

Perc. 2 *mf*  
bass drum

Timp. *mf*

37

Pic.

1

Fl.

2

1

Ob.

2

1

Cl. 2

3

B.Cl.

S. Sax.

1

A. Sax.

2

T. Sax.

B. Sax.

1

Bsn.

2

1

Bb Trp.

2

3

1-2

Hr.

3-4

1

Trb.

2

3

Euph.

Tub.

1

Mallets

2

1

Perc.

2

Timp.

solo

*mf*

solo

*mf*

solo

*mf*

37



This musical score is for a symphony orchestra, spanning measures 51 to 61. The score is divided into several sections:

- Woodwinds:** Flute (Fl.), Oboe (Ob.), Clarinet (Cl.), Bassoon (Bsn.), and Bass Clarinet (B.Cl.).
- Brass:** Trumpet (Tpt.), Horn (Hn.), Trombone (Tbn.), and Euphonium (Euph.).
- Percussion:** Marimba, Orchestra Bells, Wood Block, and Tom-tom (Tamp.).
- Other:** Piccolo (Pic.) and Saxophone (S. Sax.).

The score is written in a key signature of one sharp (F#) and a 3/4 time signature. The dynamic marking *p* (piano) is used throughout. The woodwinds and strings (not fully visible in this view) play a rhythmic pattern of eighth notes. The percussion instruments provide a steady accompaniment.



This page of a musical score is for a large orchestra. It features 28 staves, each representing a different instrument or section. The instruments listed on the left are: Piccolo (Pic.), Flutes (Fl. 1 and 2), Oboes (Ob. 1 and 2), Clarinets (Cl. 1, 2, and 3), Bass Clarinet (B.Cl.), Saxophones (Sax. 1 and 2), Trombones (Tbn. 1, 2, and 3), Trumpets (Trp. 1, 2, and 3), Horns (Hr. 1-2 and 3-4), Percussion (Perc. 1 and 2), and Timpani (Timp.). The score is written in a common time signature (C) and a key signature of two flats (B-flat major or D-flat minor). It includes various musical notations such as notes, rests, and dynamic markings like *f* (forte) and *mf* (mezzo-forte). The page is numbered 85 at the top left and 8 at the bottom center.

This page of a musical score is for a large orchestra, starting at measure 97. The instruments and their parts are as follows:

- Pic.** Piccolo
- Fl.** Flutes (1 and 2)
- Ob.** Oboes (1 and 2)
- Cl. 2** Clarinet in B-flat (2)
- Cl. 3** Clarinet in C (3)
- B.Cl.** Bass Clarinet
- S. Sax.** Soprano Saxophone
- A. Sax.** Alto Saxophone (1 and 2)
- T. Sax.** Tenor Saxophone
- B. Sax.** Baritone Saxophone
- Bsn.** Bassoons (1 and 2)
- Bb Trp.** B-flat Trumpets (1, 2, and 3)
- Hr.** Horns (1-2 and 3-4)
- Tbn.** Trombones (1, 2, and 3)
- Euph.** Euphonium
- Tbn.** Tuba
- Mallets**
- Perc.** Percussion (including crash cymbals)
- Timp.** Timpani

The score features complex rhythmic patterns, including triplets and sixteenth-note runs. Dynamic markings include *ff* (fortissimo) and *p* (piano), with *cresc.* (crescendo) markings indicating increasing volume. The key signature is three flats (B-flat major or D-flat minor), and the time signature is 8/8.



S  
 A  
 Voices  
 T  
 B  
 Pic.  
 1  
 Fl.  
 2  
 Ob. 1  
 E. Hn.  
 1  
 Cl. 2  
 3  
 B. Cl.  
 1  
 A. Sax  
 2  
 T. Sax.  
 B. Sax.  
 1  
 Bsn.  
 2  
 1  
 Bb Tpt.  
 2  
 3  
 1-2  
 Hn.  
 3-4  
 1  
 Tbn.  
 2  
 3  
 Euph.  
 Tba.  
 1  
 Mallets  
 2  
 1  
 Perc.  
 2  
 Timp.

soli  
 mp  
 soli  
 mp  
 soli  
 mp  
 p  
 p  
 p  
 p  
 p  
 p

21

S  
A

Voices

T  
B

Pic. 25 *soli mp*

1 *soli mp*

Fl. 2 *soli mp*

Ob. 1

E. Hn. 1

Cl. 2 3

B. Cl. *p*

1 *p*

A. Sax 2 *p*

T. Sax *p*

B. Sax

1 *p*

Bsn. 2 *p*

1

Bb Tpt. 2 3

1-2 *mp*

Hn. 3-4 *mp*

1

Tbn. 2 3

Euph.

Tba. *p*

Mallets 1 2 *orchestra bells mp*

Perc. 1 2

Timp.



41

S  
A

Voices

T  
B

41

Pic.  
1

Fl.  
2

Ob. 1

E. Hn.  
1

Cl. 2  
3

B. Cl.  
1

A. Sax  
2

T. Sax

B. Sax  
1

Bsn.  
2

1

Bb Tpt. 2  
3

1-2  
Hn.

3-4

1

Tbn. 2  
3

Euph.

Tba.

41

Mallets  
1  
2

Perc.  
1  
2

Timp.



