

Slavko Zagorac

Ukodus

for

C Flute

B \flat Clarinet

Violoncello

Piano

(work in progress)

Performance Instructions:

Important note:









The score will hopefully be distributed and visualised on a laptop/tablet for each ensemble member in real-time during performance. The conventional paper version of the score is for information and preparation only.

Graphical staves







The graphical staves indicate performance actions and their approximate physical position on each instrument. The notation is proportional in space/time so the distance between two beats in the same tempo is uniform across the score. Traditional symbolic staves are inserted on top of graphical staves where precise pitch intonation is required. Symbolic staves take precedence over the graphical staves and override any perceived graphical staff location. Any non-pitched events (air, keyclicks ...) for Flute and Clarinet should be performed in the first octave only.

Individual instrument symbols






Flute

-  closed/open mouthpiece
-  air sound (white noise)
-  keyclick
-  tongue ram (HT)
-  air tongue pizz.
-  aeolian sound (half air/half pitch)
-  flutter tonguing
-  lip gliss. (pitch bend) in indicated direction









Clarinet

-  air sound (white noise)
-  keyclick
-  slap tongue
-  exhale (air sound)
-  inhale (air sound)
-  flutter tonguing

Cello

-  bow position, relative to graphical clef
-  left hand position, relative to graphical clef
- msp** molto sul pointicello
- sp** sul pointicello
- st** sul tasto
- mst** molto sul tasto
-  intensity of bow overpressure (scratch tone)
-  Bartok pizz.
-  circular bowing

Piano

-  nail brush on strings
-  hand on strings
- arrow indicates direction of movement
line indicates position in time
-  half-mute string with hand to produce harmonic
-  fully mute string
-  finger hit on string
-  hand hit on string
-  fingernail tremolando on string (rasgueado)
-  silently depress indicated key

Flute

P1

5/4 $\text{♩} = 100$

high
indeterminate pitch
first octave
mid
low

First octave only for air sounds, indeterminate pitch.

closed mouthpiece

air

air + keyclick

3

mf

1 2 3 4

Clarinet Bb

P1

5/4 $\text{♩} = 100$

high
indeterminate pitch
first octave
mid
low

First octave only for air sounds, indeterminate pitch

air

air + keyclicks

3

mf

1 2 3 4

Cello

P1

I II III IV
ADGC 5/4 $\text{♩} = 100$

bow

white noise on bridge

mp

left hand

dumpen strings

finger hit & slide

III

3

mf

1 2 3 4

Piano

P1

5/4 $\text{♩} = 100$

Brush on strings

lower mid range

direction of travel

position in time

slow

3

mp

1 2 3 4

Flute

P2

5/4

high
mid
low

indeterminate pitch
first octave

closed

tongue ram (TR)

air

3

mf

x key

5

6

tongue pizz. air + keyclicks

f

3

7

Tongue ram

mf

air flz.

p

mf

p

8

5:6

jet whistle

mf

Clarinet Bb

P2

5/4

high
mid
low

indeterminate pitch
first octave

slap tongue

3

mf

x keyclick

5

6

slap tongue

f

3

7

slap tongue

mf

short sharp air

exhale

inhale

8

slap tongue

Cello

P2

5/4

mf

mf

II+III

3

5

6

col legno battuto jeté

bow position

II+III

f

3

dampen strings

7

tailpiece

flautando

mp

8

pitched

Piano

P2

5/4

mf

3

5

6

f

3

both hands
L.H. fingernails + R.H. brush

7

L.H. palm

slow

p

8

R.H. brush gradually higher pitch

p

Flute P3

5/4

high
indeterminate
first octave
mid
pitch
low

tongue ram

tongue pizz. air
+ keyclicks

mp *mf* *f*

9 10 11 12

Clarinet B \flat P3

5/4

high
indeterminate
first octave
mid
pitch
low

slap tongue

slap tongue

mp *mf* *f*

9 10 11 12

Cello P3

5/4

free bowing change where necessary

slow bow msp sp ord.

half pressure

white noise

p *mp* *mf* *f*

9 10 11 12

Piano P3

5/4

p *mp* *mf* *f*

9 10 11 12

Flute

P4

5/4

high
indeterminate
first octave
mid
pitch
low

air flutter flz. *mp*

closed *mf* keyclicks *mp*

13 14 15 16

Clarinet Bb

P4

5/4

high
indeterminate
first octave
mid
pitch
low

air flutter flz. *mp*

mf

keyclicks *mf*

mp

13 14 15 16

Cello

P4

5/4

tailpiece *mf*

col legno tratto jeté

bow *mp*

mf

mp

13 14 15 16

Piano

P4

5/4

p

mf

mp

13 14 15 16

Flute

5/4

high

mid

low

first

determine

octave

pitch

17

closed

open

air pizz.

key

air flz.

3

18

mf

f

mp

19

air

p

20

P5

=80

Clarinet B \flat

5/4

high

mid

low

first

determine

octave

pitch

17

keyclicks

p

18

short sharp air

inhale

exhale

9:8

mf

f

mp

19

air

p

20

P5

=80

Cello

5/4

on bridge

dampen strings

IV

17

mp

p

18

col legno tratto hit

3

release let vibrate

mf

f

19

p

white noise half pressure

IV

p

20

P5

=80

Piano

5/4

put brush away

RH mute lowest string on reachable harmonic

L.H. on keyboard ord.

17

p

18

mf

19

mf

20

P5

=80

P6

high

mid

low

4/4 ♩=80

symbolic notation overrides graphical clef

air → aeolian → air

air flz.

lip gliss.

p

mp

3

aeolian tongue pizz + keyclick

key click

mp

f

aeol → ord. → aeol. → air

p

mp

tongue ram

mf

21 22 23 24 25

P6

P6

4/4 ♩=80

behind bridge
IV
pizz. arco
light, airy
mf *p*

21 22 *mf*

pizz all noteheads
IV III II IV
f

behind bridge
IV
pizz. arco
light, airy
mf *mp*

23 24 25 *mf*

P6

Piano

4/4 $\text{♩} = 80$

RH
mute on harmonic

finger hit on strings
3
mp

palm hit on strings
mf

mute played strings

palm hit
mf

palm hit
mf

LH
8^{vb}
silent

Ped

21 *mf* 22 23 24 25

P6

Flute

P7

Flute musical score for measures 26-30. The score is in 4/4 time. Measure 26: Treble clef, key of D major, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *mp*. Measure 27: Rest. Measure 28: Treble clef, notes G4 (quarter), F#4 (quarter), E4 (quarter), D4 (quarter). Dynamics: *mp*. Measure 29: Treble clef, notes G4 (quarter), F#4 (quarter), E4 (quarter), D4 (quarter). Dynamics: *f*. Measure 30: Treble clef, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *mp*. Performance instructions: "aeol. -> ord. -> flz. -> air flz." above measure 26, "tongue ram" above measure 27, "ord tongue pizz." above measure 28, "aeol. ord. air flz." above measure 30.

Clarinet Bb

P7

Clarinet Bb musical score for measures 26-30. The score is in 4/4 time. Measure 26: Treble clef, key of Bb major, notes Bb3 (quarter), C4 (quarter), D4 (quarter), Eb4 (quarter). Dynamics: *pp*. Measure 27: Rest. Measure 28: Treble clef, notes Bb3 (quarter), C4 (quarter), D4 (quarter), Eb4 (quarter). Dynamics: *p*. Measure 29: Treble clef, notes Bb3 (quarter), C4 (quarter), D4 (quarter), Eb4 (quarter). Dynamics: *mp*. Measure 30: Treble clef, notes Bb3 (quarter), C4 (quarter), D4 (quarter), Eb4 (quarter). Dynamics: *mp*. Performance instructions: "flz." above measure 26, "slap tongue" above measure 27, "slap tongue" above measure 28, "ord. flz." above measure 30.

Cello

P7

Cello musical score for measures 26-30. The score is in 4/4 time. Measure 26: Treble clef, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *mf*. Measure 27: Rest. Measure 28: Treble clef, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *mf*. Measure 29: Treble clef, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *p*. Measure 30: Treble clef, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *p*. Performance instructions: "IV pizz.", "arco", "slow bow", "overpressure", "free bowing change where necessary", "white noise", "st", "half pressure III", "IV", "angled bowing", "mst", "ord.", "harmonic gliss." above measures 26-30.

Piano

P7

Piano musical score for measures 26-30. The score is in 4/4 time. Measure 26: Treble clef, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *mf*. Measure 27: Rest. Measure 28: Treble clef, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *p*. Measure 29: Treble clef, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *pp*. Measure 30: Treble clef, notes D4 (quarter), E4 (quarter), F#4 (quarter), G4 (quarter). Dynamics: *pp*. Performance instructions: "RH mute on harmonic", "palm hit", "fingernail tremolando on string (rasgueado) in the indicated range" above measures 26-30.

Flute

P8

Flute part score for measures 31-35. The score is in 4/4 time. It includes a vertical diagram of the flute with 'high', 'mid', and 'low' registers. The musical staff shows notes with dynamics *p*, *mf*, *mp*, and *mf*. Performance instructions include 'ord.', 'aeol.', 'air flz.', 'tongue ram', and *p*.

Clarinet Bb

P8

Clarinet Bb part score for measures 31-35. The score is in 4/4 time. It includes a vertical diagram of the clarinet with 'high', 'mid', and 'low' registers. The musical staff shows notes with dynamics *mf*, *mp*, and *mf*. Performance instructions include 'ord.', 'flz.', 'slap tongue', and *mp*.

Cello

P8

Cello part score for measures 31-35. The score is in 4/4 time. It includes a vertical diagram of the cello. The musical staff shows notes with dynamics *mp*, *mf*, and *p*. Performance instructions include 'circular bowing', 'behind bridge pizz. IV', 'col legno batutto jeté', 'msp', 'st', 'harm. gliss', and 'III'.

Piano

P8

Piano part score for measures 31-35. The score is in 4/4 time. It includes a vertical diagram of the piano. The musical staff shows notes with dynamics *p*, *mf*, and *mf*. Performance instructions include 'both hands on strings rasgueado', 'RH mute on harmonic', 'finger hit on strings', and 'silent'.

Flute

P9

4/4

high

mid

low

36

37

38

39

40

air aeol. ord. ord. flz. ord.

f

air pizz. + key

mp

3

=120

Clarinet Bb

P9

4/4

high

mid

low

36

37

38

39

40

flz.

p

ord. flz. ord.

f

slap tongue

mp

=120

Cello

P9

4/4

36

37

38

39

40

msp

st

III

harm. gliss

f

3

harm. gliss

msp

mst

sfz

msp

mst

white noise

IV

half pressure

mp

=120

Piano

P9

4/4

mute on harmonic

36

37

38

39

40

RH

ord.

f

3

LH

mp

8vb

8vb

p

pp

LH

prepare RH top of keyboard

=120

Flute

P10

3/4 ♩=120

high

mid

low

41 42 43 44 45 46

pitch bend

ff *mp* *mf* *p*

5

Clarinet B \flat

P10

3/4 ♩=120

high

mid

low

41 42 43 44 45 46

al niente

ff *mp* *mf* *mp*

Cello

P10

3/4 ♩=120

high

mid

low

41 42 43 44 45 46

st

ord.

ff *mp* *mf*

msp

pizz.

bow

arco

harm. gliss

Piano

P10

3/4 ♩=120

high

mid

low

41 42 43 44 45 46

f *mp* *mf*


15^{ma}

RH harm. mute

8^{vb}

Flute

P11



3/4

high

mid

low

47

48

49

50

51

52

f

f


f

mp

musical notation for Flute

Clarinet B \flat

P11



3/4

high

mid

low

47

48

49

50

51

52

f

slap tongue


f

mp

musical notation for Clarinet B \flat

Cello

P11



3/4

47

48

49

50

51

52

pizz.

harm. gliss.

mp

st arco

f

msp

bow

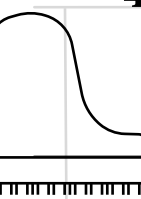
mf

mp

musical notation for Cello

Piano

P11



3/4

47

48

49

50

51

52

15^{ma}

f

LH mute played strings

mp

RH harmonic

8^{vb}

f

musical notation for Piano

Flute

P12

high

mid

low

53 54 55 56 57 58

f *mf* *mp* *p* *mf*

Clarinet B \flat

P12

high

mid

low

53 54 55 56 57 58

f *mf* *mp* *p* *mf*

Cello

P12

angled bow arco

mst ord.

pizz

ord.

53 54 55 56 57 58

f *mp* *p* *mp*

Piano


P12

fingernail tremolando on string (rasgueado) in the indicated range

53 54 55 56 57 58

f *pp* *mp*

Flute




high

mid

low

3

4



65

66

67


68

69

70

P14

Clarinet B \flat




high

mid

low

3

4



65

66

67


68

69

70

P14

Cello



high

mid

low

3

4

65

66

67

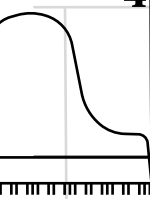
68

69

70

P14

Piano




high

mid

low

3

4



65

66

67

68

69

70

P14