

Perttu Haapanen (2016)

# Amygdala Revisited

Instrumentation:

Flute (doubling Piccolo, Alto Flute & Bass Flute)

Oboe (doubling English Horn)

Clarinet in Bb (doubling Bass Clarinet)

Piano

Double Bass

Electronics

# Amygdala Revisited

dedicated to  
Adam Bonser and the Chimera Ensemble

Perttu Haapanen 2016

1 =c.54 song I, rubato molto

Alto Flute

English Horn

Clarinet in Bb

Piano

Contrabass

Electronics

*ppp* *p* *ppp* *ppp*

sotto voce

6 6 6 6

*ppp* *p*

6 2

A. Fl.

Eng. Hn.

Cl.

Pno.

Cb.

Electronics

*ppp* *p* *ppp* *f* *ppp* *mp* *ppp* *mp* *ppp*

ord. 6

*ppp* *pp*

12

A. Fl. *p* < *mp* *ppp* *p*

Eng. Hn. *p* *ppp*

Cl. *mp* < *pp* *ppp* *p* *ppp*

Pno.

Cb. *mp* *pp*

*sotto voce* *ord.*



15

A. Fl. *ppp* *p* *ppp*

Eng. Hn.

Cl. *p* *ppp*

Pno.

Cb. *pp*

*sotto voce*

17

A. Fl. *p* *ppp* *p*

Eng. Hn.

Cl. *p* *p*

Pno.

Cb. *p*

ord. 6



19

A. Fl. *pp* *p* *pp* *ff* Muta in Bass Flute

Eng. Hn. *p* *p* *ff*

Cl. *pp* *pp* *ff*

Pno. *ff*

Cb. *ppp* *ff*

4

Red. scratch

25 5 Bass Flute 6

A. Fl.

Eng. Hn.

Cl.

Pno.

Cb.

ord. (sub.)

*pp* *mp* *p* *pp* *pp* *mp* *pp*

sotto voce 6 6 ord. 6



$\text{♩} = \text{c.88 lamento}$   
**lamentoso, meccanico**  
 (Bass Flute) *tr* *sim.* *tr* *tr* *tr* *tr* 7 Muta in Alto Flute

B. Fl.

Eng. Hn.

Cl.

Pno.

Cb.

*pp* *pp* *pp* *pp* *pp*

on strings with a plectrum

l.h. ord. (on keys) *p* L.V:

$\text{♩} = \text{c.88 lamento}$   
**lamentoso, meccanico**  
 (sounding an octave lower)



46

ord.

A. Fl.

Eng. Hn.

Cl.

Pno.

Cb.

mf

p

pp

mp

ppp

tr

5

7

loose vibrato in the indicated rhythm

mf < f

mp



49

A. Fl.

Eng. Hn.

Cl.

Pno.

Cb.

pp

p

mf

p < mf

f

on strings with a plectrum

l.h. ord. (on keys)

pp

p

sp

pp

p

ppp

msp (no fundamental)

PPPP



55 air (keep the fingering of the e)

A. Fl. *pp* < *p* *sim.*

Eng. Hn.

Cl. air *pp* < *p* *sim.*

Pno. scrape on strings with flat side of nail *pp* *sim.*

Cb. on the bridge *pp* < *pp* < *pp* < *pp* < *pp* v-scratch *pp* sp st

Electr.

64 12 13

A. Fl. ord. *pp* *p*

Eng. Hn. *p* *p* < *mf* *p* *mf*

Cl. ord. *pp* *mp* *pp*

Pno. *pp* loose vibrato in the indicated rhythm

Cb. ord. flautando *mf* *f* *mp* *mf* h-scratch

Electr. *pppp*

68 14

A. Fl. *pp* *pp* *p*

Eng. Hn. *pp* *pp* *p*

Cl. *pp* *mp* *ppp*

Pno. *pp* *mp* *ppp*

Cb. loose vibrato in the indicated rhythm *f* *p* *mf* *p* flautando loose vibrato in the indicated rhythm *mp*

Electr.

**==**

**♩ = c.92 piu mosso**

70 17

A. Fl. Muta in Bass Flute *ppp* *ppp* *f* *ppp* *f* *ppp* *f*

Eng. Hn. *ppp* *ppp* *f* *ppp* *f* *ppp* *f*

Cl. *ppp* *ppp* *mp* *ppp* *mp* *f* *mp* *f*

Pno. *p* *mf*

Cb. *p* *mp* *pp* *mf*

Electr. *mf*

on strings with a plectrum

slap tongue

"mm!" (falsetto/very high voice) through the instr.

"mm!" (falsetto/very high voice) towards the instr.

"mm!" (falsetto/very high voice) towards the instr.

"a!" (inhale, non-voiced)

"mm!" (falsetto/very high voice)

"a!" (inhale, non-voiced)

"mm!" (falsetto/very high voice)

"a!" (inhale) (exhale)

"a!" (inhale) (exhale)

"a!" (inhale) (exhale)

slap tongue (exhale)

slap tongue

slap tongue

slap tongue

78 18 10

B. Fl. (inhale) *ppp-mf* "mm!" (falsetto/very high voice) *ppp* exhale/inhale through the instrument Muta in Flute

Eng. Hn. (inhale) *ppp-mf* "mm!" (falsetto/very high voice) *ppp* exhale/inhale through the instrument Muta in Oboe

Cl. (inhale) *ppp < mf* "mm!" (falsetto/very high voice) *ppp* slap tongue *p*

Pno. *mf* *mf* *mf*

Cb. *p* *sfz*

Electr.

85  $\text{♩} = c.63$  edge

Fl. Flute tongue ram ord. tongue ram ord. tongue ram keyclicks

Ob. Oboe

Cl. Cl. slap tongue (no air) pp slap tongue (with air) mp slap tongue (no air) pp ord. ppp

Pno. on strings with a plectrum pp (damped string) p ord. mp mp

Cb.  $\text{♩} = c.63$  edge (sounding an octave lower than written) st ppp



90

Fl. Flute x/o x/o x/o x/o x/o x/o keyclicks "f" ord. gentle jet whistle (aeolian sound) mf p < mf >

Ob. Oboe x/o x/o x/o x/o x/o x/o keyclicks "f"

Cl. Cl. x/o x/o x/o x/o x/o x/o keyclicks "f" mp slap tongue (with air)

Pno. strike strings with palm pp on strings with a plectrum mf (damped., on keys)

Cb. ctb p pp on the bridge p < mf

95 tongue ram

(ord)

Fl. *p* *p* *ppp* *mp* *pp*

Ob. *mp* "f" keyclicks *mp*

Cl. slap tongue (no air) ord. *pp* *pp* "f" keyclicks *mp* slap tongue (with air) + *mp*

Pno. *p* *pp* strike strings with palm *mp* (ord.) *mp* *p*

Red.

Cb. (sounding an octave lower than written) ord. *pp* *p* *ppp*

st clb



100 tongue ram

ord.

Fl. *p* *pp* *mp* *pp* < gentle extremely jet whistle airy sound (aeolian sound)

Ob. *mp*

Cl. *pp* *p* *mp* + *mp*

Pno. *p* on strings with a plectrum (on keys, damped) *p*

Cb. *ppp* *p* *pp* crini on the bridge *pp*

st clb

103

Fl. *mf* *p* *f* Flute

Ob.

Cl. *air* *p* *f* *pp* ord.

Pno. *ord.* *mp* *p* *ord.* on strings with a plectrum

Cb. *mf* *p* pizz (arpeggio) Ped.



107

Fl. *keyclicks* *p* *mf* *f* (ord.) very airy sound

Ob.

Cl. *air* *p* *mf* *f* (ord.) very airy sound

Pno. *mp* *p*

Cb. *pizz* (arpeggio) *f* scratch tone arco

111

Fl. jetwhistle /aeolian *pp* *p* *p* jetwhistle /aeolian *p* *mp* jetwhistle *p* *mf*

Ob. ord.

Cl. ord. M

Pno. on strings with a plectrum *mp* *mp* *mf* ord. ord.

fast "windscreen wiper" bowing, completely damped strings

Cb. ord. *sp* *pp* *pp*

2  
3  
4  
/  
2  
3  
4  
c#  
(Levine nr. 3)

115 ( # )

Fl. jetwhistle *p* *f* *p* ord. tongue pizz *pp* tongue ram *p*

Ob. (Van Cleve nr. 74) *mp*

Cl. "open slap" *sfz* "open slap" *sfz* slap tongue (no air) *pp*

Pno. elbow clusters (chromatic) *mf* *p* *f*

Cb. scratch tone (no pitch) *f* *p* *f* ord. clb *pp*

Musical score for measures 120-123. The score is in 2/4 time and features five staves: Flute (Fl.), Oboe (Ob.), Clarinet (Cl.), Piano (Pno.), and Contrabass (Cb.).

- Fl.:** Starts with a *p* dynamic. Measure 121 has *pp* and *ord.* markings. Measure 122 has *pp* and *ord.* markings. Measure 123 has *p* dynamics and "keyclicks" with "exhale/inhale through the instr." markings.
- Ob.:** Starts with *mp*. Measure 121 has *p*. Measure 122 has *mp*. Measure 123 has *pp* and "exhale/inhale through the instr." markings.
- Cl.:** Starts with *p* and *ord.*. Measure 121 has "open slap" and *p*. Measure 122 has "slap tongue (air)" and *pp*. Measure 123 has "slap tongue (air)+", *mp*, and "p" keyclicks.
- Pno.:** Starts with *mp* and "on strings with a plectrum". Measure 121 has *f* and *ord.*. Measure 122 has *mp* and "scratch tone". Measure 123 has *p* and "on strings with a plectrum (secco)".
- Cb.:** Starts with *f*. Measure 121 has *f* and "scratch tone". Measure 122 has *pp* and *ord.*. Measure 123 has *p* and "pizz (arpeggio)".



Musical score for measures 124-127. The score is in 2/4 time and features five staves: Flute (Fl.), Oboe (Ob.), Clarinet (Cl.), Piano (Pno.), and Contrabass (Cb.).

- Fl.:** Features a rhythmic pattern of eighth notes with *f* dynamics. Measure 124 has *f*. Measure 125 has *f*. Measure 126 has *f*. Measure 127 has *f*.
- Ob.:** Features a sustained note with *pp* dynamics. Measure 124 has *pp*. Measure 125 has *pp*. Measure 126 has *pp*. Measure 127 has *pp*.
- Cl.:** Features a rhythmic pattern of eighth notes with *f* dynamics. Measure 124 has *f*. Measure 125 has *f*. Measure 126 has *f*. Measure 127 has *f*.
- Pno.:** Features a rhythmic pattern of eighth notes with *f* dynamics. Measure 124 has *f*. Measure 125 has *f*. Measure 126 has *f*. Measure 127 has *f*.
- Cb.:** Features a rhythmic pattern of eighth notes with *f* dynamics. Measure 124 has *f*. Measure 125 has *f*. Measure 126 has *f*. Measure 127 has *f*.



128 ord.

Fl. *mp* *p* *p*

Ob. *f*

Cl. "open slap" *mf* *p* *mp* *p* *p*

Pno. *f* *mf* *f* *Red.*

Cb. ord. arco *pp* *st*



131

Fl. *p* *f* "a!" (inhale, voiced) *f* *mf* *mf* *pp*

Ob. "a!" (inhale, voiced) *f* *mf* *Red.*

Cl. *f* *pp* "a!" (inhale, voiced) *f* *mf* *Red.*

Pno. *mf* *mf* *Red.*

Cb. *msp* *ord.* *mf* *pp*

exhale/inhale through the instr.

key clicks

133

Fl. *tongue pizz*  
*pp* *p* *pp*

Ob. *mp* *pp* *mp* *pp*

Cl. *ord.*  
*mp* *pp* *ord.*

Pno. *mp*  
*mp* *Ped.*

Cb. *mp* *pp*

*on strings with a plectrum*



137

Fl. *very airy sound*  
*f* *pp*

Ob. *ord.* *mp*

Cl. *slap tongue (air)* *mp*  
*+* *slap tongue (no air)* *pp*  
*key clicks* *f* *very airy sound* *ord.* *pp*

Pno. *mp* *p* *mf* *mp*  
*ord.* *on strings with a plectrum* *Ped.*

Cb. *scratch tone arco* *f* *ord. sp* *pp*

*exhale/inhale through the instr.*

*key clicks* *f* *exhale/inhale towards the instr.*

*key clicks* *f* *exhale/inhale through the instr.*

*key clicks* *f* *ord.* *on strings with a plectrum*

140 18

tongue pizz

Fl. *pp* *p* ord. 5

Ob. *mp* *pp* *mp*

Cl. "open slap" *mp* "sfz" Muta in Bass Clarinet

Pno. ord. elbow clusters *p* *p*

Cb. scratch tone  $\phi$  ord.



143 Muta in Piccolo

Fl. *ppp*

Ob.

Cl.

Pno.

Cb.

19

♩=66 amygdala,  
con violenza

145 19

Picc. *f* 5

Ob. *f* 5

B. Cl. Bass Clarinet in Bb *f* 3

ord. *f*

Pno. *f* elbow Ped.

Cb. *f* Ped.

Electr. ( )

150 20

Picc. 5

Ob. 5

B. Cl. 3

Pno. *p*

Cb. *f* arco 3

Electr. ( )

153 21 22

Picc. *f* 5

Ob. *p* *f* *f* 5 3 *mf* over blowing 3

B. Cl. *f* 5 3 *mf* 3

Pno. *f* 5 5 *f* elbow *f* *mf* 3

Cb. *p* *f* *f* *mf* 3 arco

Electr.



157 23

Picc. *p* 3 *f* 5

Ob. *mf* 5 *f* 5 3

B. Cl. *mf* 5 *f* 5 3

Pno. *f* elbow *f* *mf* 3

Cb. *f* *p* *f* *mf* 3 scratch tone

Electr.

161

Picc. *p* *f* *p* *mp* "mm!" (very strained) through the instr.

Ob. *p* *f* *p* *mp* "mm!" (very strained) towards the instr.

B. Cl. *p* *mp* "mm!" (very strained) towards the instr.

Pno. *f* *p* *f* *p* *mp* "mm!" (very strained) elbow

Cb. *f* *p* *f* *p* *mp* scratch tone "mm!" (very strained)

Electr.

165

Picc. *f* *f* *f* *f* overblowing

Ob. *f* *mf* *f* *f* chaotic ad lib fingerings, overblowing

B. Cl. *f* "growl" *mf* *f* *f* *f*

Pno. *f* *f* *f* *f* elbow

Cb. *f* *f* *f* *f* arco

Electr.

168 25

Picc. *p* *f*

Ob. *f*

B. Cl. *f*

Pno. *f*

scratch tone

scratch tone (stopping finger very close to the bow hair)

Cb. *f* *p* *f* *f* 6 6 6

Electr.

171 26 27

Picc. *f* 4:3 overblowing

Ob. *f* overblowing

B. Cl. chaotic ad lib fingerings, overblowing "growl" 6 6

Pno. *f*

Cb. *f*

Electr.

175

Picc. *p* *f* *p* *f*

Ob. *p* *f*

B. Cl. 3

Pno. *p* *f* 5 5 *f*

Cb. arco *f* scratch tone

Electr.

178

Picc. 5 *f* 5

Ob. *p* < *mp* "mm" as before

B. Cl. *p* < *mp* "mm" as before

Pno. *f* *p* 5 5 *ff* *p* < *mp* "mm" as before

Cb. *f* *ff* *p* < *mp* "mm" as before

Electr. To



