

A watercolor illustration of a hummingbird's head and wings. The head is on the left, facing right, with a long, thin beak. The wings are spread out to the right, showing a mix of green and purple colors. The background is white.

Trochilidae

Dim Wood

Arthur Drake Dragone

(2016)

All instruments are noted at sounding pitch (in C)

Instrumentation

Vibraphone
Electric Guitar
Double Bass
Piano
*Synth**

** The synth player plays through a DAW that allows the player to switch between a Modeling Sculpture Synth and a Midi Piano. The player also triggers field recordings of birds at set times in the piece.*

~7'

Composed Fall of 2016

Bird Samples

The bird samples used in this song are sorted into two categories, Bass Birds and Alto Birds.

All bird samples are taken from Thomas Rex Beverly's High Desert Hummingbirds | Wing Sound Effects Library.

*The most melodic samples from the library are used in the piece and arranged in a DAW of the performer's choice.
(More Information below)*

Set up

Both Bass Birds and Alto Birds are to be programmed to play randomly after each other in the DAW of the performer's choice.

(See Below for example set up)

The bird sounds are to be processed with Bubbler through a DAW of the performer's choice.

Run DAW to House Speaker/PA

The screenshot shows the 'soundhack ++bubbler' interface with the following parameters and controls:

- time:** 3.8s
- time vari:** 50.0
- feedback:** 0.00
- filter freq:** 20.0k
- resonance:** 100.0
- pan vari:** 100.0
- Ratio Presets:** 16:15, 6:5, 7:5, 8:5, 7:4, 1:1, 9:8, 5:4, 4:3, 3:2, 5:3, 15:8
- density:** 139.5
- grain size:** 4.61
- g start vari:** 0.00
- octave:** 1.00
- oct vari:** 0.89
- g reversal:** 50.0
- Buttons:** just, tempolock

The screenshot shows the 'Launch' control interface with the following settings:

- Launch Mode:** Trigger
- Legato:** (button)
- Quantization:** Global
- Vel:** 0.0 %
- Follow Action:** 1 0 0
- Buttons:** * (dropdown), * (dropdown)
- Buttons:** 3 : 3

The screenshot shows a DAW piano roll with two audio tracks:

- 1 Audio:** Contains two instances of 'songbird songs,talk'.
- 2 Audio:** Contains three instances of 'hummingbirds,s'.

Trochilidae

Dim Wood

Drake Dragone
(2016)

Relaxed, Breathing
Rubato

♩ = 75

The musical score is written for a 4/4 time signature in the key of D major. It features the following instruments and parts:

- Vibraphone:** Enters at measure 15 with a melody of eighth notes, marked *mf*.
- Guitar:** Enters at measure 15 with a melody of eighth notes, marked *mp*. It includes a section of *Harmonics* starting at measure 25.
- Double Bass:** Remains silent until measure 15, where it plays a steady eighth-note accompaniment, marked *mf*. It includes a section of *Arco.* starting at measure 15.
- Piano:** Plays a complex accompaniment of chords and arpeggios throughout the piece, marked *p* in the first system and *mf* in the second system.
- Synth Lead:** Plays a complex accompaniment of chords and arpeggios throughout the piece, marked *p* in the first system and *mf* in the second system. It includes a section of *Cue Birds (Bass)* starting at measure 15.
- Vib.:** Enters at measure 15 with a melody of eighth notes.
- Gtr.:** Enters at measure 15 with a melody of eighth notes, marked *mf*.
- D.B.:** Enters at measure 15 with a steady eighth-note accompaniment, marked *mf*.
- Pno.:** Plays a complex accompaniment of chords and arpeggios throughout the piece.
- Lead:** Plays a complex accompaniment of chords and arpeggios throughout the piece.

Additional annotations include "Synth Setting On DAW" above the Synth Lead staff and "Cue Birds (Bass)" above the Piano staff.

Trochilidae

2

31

Vib. *f*

Gtr. Pick

D.B. *mf*

Pno.

Lead *mf*

47

Vib. *p* Cresc.

Gtr.

D.B. *p* Cresc.

Pno. *p* Cresc.

Lead *p* *mf* Cresc.

Trochilidae

65

Vib.

Gtr.

D.B.

Pno.

Lead

71

Vib.

Gtr.

D.B.

Pno.

Lead

Cue Birds (Alto)

Trochilidae

4

77

Vib.

Gtr.

D.B.

Pno.

Lead

ff

mf Cresc.

ff Cresc.

85

Vib.

Gtr.

D.B.

Pno.

Lead


ff


mf Cresc.


ff Cresc.

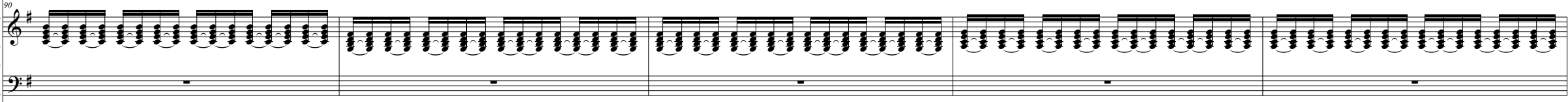
Trochilidae

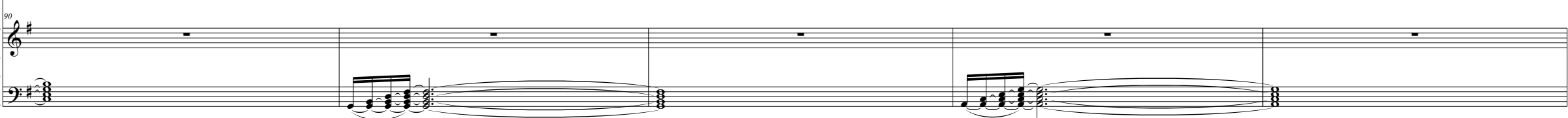
90

Vib. 


Gtr. 


D.B. 


Pno. 

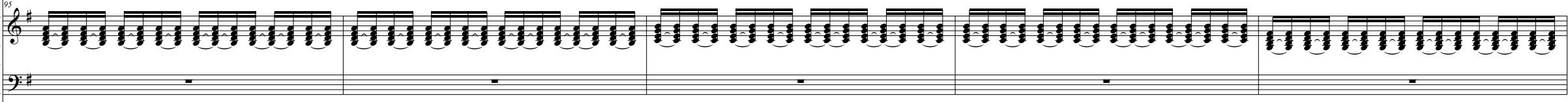
Lead 

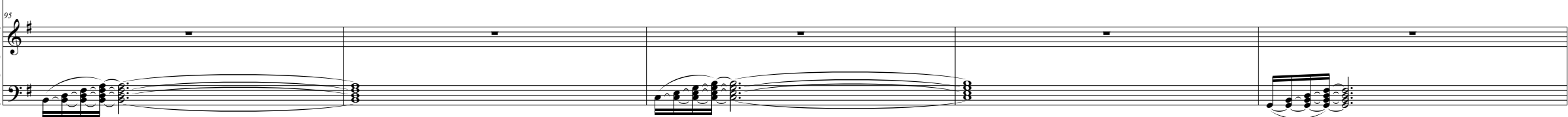
95

Vib. 

Gtr. 

D.B. 

Pno. 

Lead 

Trochilidae

6

Vib. ¹⁰⁰

Gtr. ¹⁰⁰

D.B. ¹⁰⁰

Pno. ¹⁰⁰

Lead ¹⁰⁰

Vib. ¹⁰⁵

Gtr. ¹⁰⁵ *mf* Notes of Chord Picked Out (Arpeggiated)

E.B. ¹⁰⁵

Pno. ¹⁰⁵ *mf* Notes of Chord Picked Out (Arpeggiated)

Lead ¹⁰⁵ *mf* Notes of Chord Picked Out (Arpeggiated)

Switch to Piano setting on DAW

112

Vib.

Gtr.

E.B.

Pno.

Lead

Play elegantly

129

Vib.

Gtr.

E.B.

Pno.

Lead