

The Language of Life

Music: Lisa Karrer
Summer 2012

Text: Arr. of
Brian J. Ford
and W.D. Hamilton

Please note: Conductor's score is in C.

clarinets - on drones circle
breathe whenever possible

A

$\text{♩} = 80$

The musical score is for the piece "The Language of Life" by Lisa Karrer, Summer 2012. The score is in 4/4 time with a tempo of 80 beats per minute. The key signature is C major. The score includes parts for Voice, Clarinets 1 through 10, Harp (Right and Left), Guitar, and Bass. The lyrics are: "All life is essentially micro-bial. Biologists might say The secret of life is". The score features various musical notations including triplets, dynamics (mp, mf), and articulation marks. The clarinet parts are marked with dynamics and include drone notes. The harp part includes instructions for glissandos and natural notes. The guitar and bass parts are marked with dynamics and include drone notes.

7

V *mf* *mp*

to pro-pa-gate germ cells The great wa-d-dl-ing forms that pro-duce them are called Us Us Us

C1 *mf* *mp*

C2 *mf* *mp*

C3

C4

C5 *mf* *mp*

C6 *mf* *mp*

C7 *mf* *mp*

C8

C9

C10 *mf* *mp*

15

V *mf* *mp*

We may be no-thing more than ex - pen-da-ble re-cep-ta-cles for germ cells. A-c-cording to sci - ence

C1 *mf* *mp*

C2

C3

C4

C5

C6

C7

C8 *mf* *mp*

C9

C10 *mf* *mp*

21

V *mf* *mp* *mf* *mp* *mf* *mp* *mf* *mp* *mf* *mp* *mf* *mp*

C1 *mp*

C2

C3 *mf* *mp*

C4 *mf* *mp*

C5 *mf* *mp*

C6

C7 *mf* *mp* *mf*

C8 *mf* *mp*

C9

C10

we are embarked on a wave of mass ex - tin - ctions ____ Half of the world's kin-dred ten mill-ion spe - cies could vanish in this

28

V *cent-tu-ry* *This wave of ex-tin-ction* *has been en-gi - neered* *By that great waddling spe - cies* *Us Us*

C1

C2

C3

C4

C5

C6

C7 *mp* *mf* *mp*

C8

C9

C10 *mf* *mp*

HR *Nails*

HL *Nails*

Gt *f*

B *f*

34 *accel.*

V
us us

C1 *ff*

C2 *ff*

C3 *ff*

C4 *ff*

C5 *ff*

C6 *ff*

C7 *ff*

C8 *ff*

C9 *ff*

C10 *ff*

HR *ff*

HL *ff*

Gt *ff*

B *ff*

♩ = 90

B

39

V Is all life re - la - ted Oh yes it is!

C1 *accel. mf*

C2 *accel. mf*

C3 *accel. mf*

C4 *accel. mf*

C5 *accel. mf*

C6 *accel. mf*

C7 *accel. mf*

C8 *accel. mf*

C9 *accel. mf*

C10 *accel. mf*

HR *accel. Nails end mf Arp.*

HL *Flat*

Gt *accel. mf harm...*

B *accel. pizz. mf Bow*

44

V
Let us set out to re-lish life — in all of its ma - jes - ty Let's start with our cousins the trees —

C1

C2

C3

C5

C6

C7

C8

C10

HR
Flat

HL

Gt
harm.°

B



48

V an ode to plant life *accel.* Be - gin with a ques - tion like why

C1 *accel.* *mp*

C5 *accel.* *mp*

C6 *accel.* *mp*

C7 *accel.* *mp*

C10

HR *accel.* *mp*

HL *accel.* *mp* gliss. B

Gt *accel.*

B *accel.*

52

V — do trees shed their leaves in au - tumn — Trees are ex-cret-o - phores —

C1

C6

C7

C8

HL

Gt

B

57

V
Trees _ pass waste products to _ their _ leaves Hea-vy me-tals and to - xic things _ _ _ _ Those

C7

C8

HR
Arp.

HL

Gt
harm... 3 3 3

B
8^{vb}

61

V
Gor - geous _ fall co-lors we love are the leaves sub-su-ming these no - xious wastes from the trees

HR
Flat Arp. Flat harm...

HL

Gt

B

D

The musical score is arranged for a vocal line and a 10-piece guitar ensemble. The vocal line (V) is in treble clef and includes the lyrics "That's what trees do — Floa - ting to the". The guitar ensemble consists of 10 channels (C1-C10), a Harp (HR), and a Bass (B). Channels C1 through C10 are in treble clef, while HR and B are in bass clef. The score is marked with a dynamic of *mf* (mezzo-forte) for the guitar parts. The guitar parts feature complex rhythmic patterns with many slurs and ties. The Harp part includes specific performance instructions: "Arp." and "Flat". The piece is in the key of D major, as indicated by the 'D' in a box at the top right.

71

V
gro - - - und The to - xic leaves dis - cou - rage trees — from sprou - ting A - voi - ding o - ver crow - ding —

C9

C10

HR
Flat Arp. Flat harm...

HL

Gt

B

75

V — Then the de - ca-ying leaves give great feasts to fun - gi and bac - te - ri - a ah-ha ah-ha-ha - ah-ha ha —

C1

C2

C3

C4

C5

C6

C7

C8

C9

C10

HR *8va*

Gt

B

79

V ooh-hoo hoo hoo hoo hoo hoo _____ Plants know all they need to know if they need more in-tell-i-gence they'll

C1 *mp*

C2 *mp*

C3

C10 *mp*

HR *mp* *Arp.*

HL *mp* *Flat*

Gt *mp* *harm...*

B *mp*

84

V *rit.* de - ve - lop this re - le - vance _____ E $\text{♩} = 80$

C1 *rit.*

C2 *rit.*

C5 *rit.* *mf*

C6 *rit.* *mf*

C7 *rit.* *mf*

C8 *rit.* *mf*

C10 *rit.*

HR *rit.*

Gt *rit.*

B *rit.*

88

V

C1

C2

C4

C5

C6

C7

C8

HR

HL

B

mf

mf

mp
Bow

Speaking of ___ crickets

mf

Flat

Detailed description of the musical score: The score is for measures 88-93. The vocal line (V) has lyrics 'Speaking of ___ crickets' in measures 89-90. The Clarinet parts (C1-C8) have various rhythmic patterns, with C1 and C2 marked *mf*. The Horn parts (HR and HL) play a melodic line in measure 88, with HL marked *mp* and 'Bow'. The Bass part (B) has a complex rhythmic pattern in the lower register, marked *mp* and 'Bow'. A 'Flat' instruction is written in the HL part in measure 91.

94

V
Cri-ckets speak in - stri-du - la - tion _____ ru-bbing - their bo-dy parts

C1

C2

C4

C5

C6

C7

C8

HR

HL
Flat 8^{vb}

B

98

V Pro - du - cing a whir - - - ring sound Se - tting - up

C1

C2

C4

C5

C6

C7

C8

HR

HL

Gt

B

Flat

Flat

Flat

mf

pizz.

104

V Me - cha - ni - cal - vi - bra - tions

HR

HL

Gt

B

mf

108

V
A - a - a - a - gi - a - gi - a - gi a - gi - tate - a - gi - tate a - a - a - a - a - gi - ta - ting wings _____ at

C1

C2

C4

C5

C6

C7

C8

Gt

B
Bow

III

V F

fif - ty times per se - cond _____

accel.

C1

accel.

C2

accel.

C3

accel.

C4

accel.

C5

accel.

C6

accel.

C7

accel.

C8

accel.

C9

accel.

C10

accel.

HR

accel.

Gt ^{8^{va}}

accel.

B

accel.

118

V

And crickets wings — have

C1

mf

C2

mf

C3

mf

C4

mf

C5

C6

mf

C7

mf

C8

mf

C9

mf

C10

mf

Gt

mf

B

121

V
grooved a - r rays _____ of sha sha sha a - a - a rr - rr - rr - p - p - p - ple - ple plec - trum like pro - tu - sions sha sha sha

C1 *f*

C2

C3 *f*

C4

C5

C6

C7 *f*

C8 *f*

C9 *f*

C10 *f*

Gt

124

V sha a - a - a - rr - rr - rr - p - p - p - ple - ple - plec - trum like pro - tu - sions —

C7 *mf* *f*

C8 *mf* *f*

C9 *mf* *f*

C10 *mf* *f*

Gt *f*

B *f*

128

V For many in - sects - - - sound - trumps - sight —

HR *mf* Flat *mp* *mf*

HL

Gt *mf* use pick

B *mf*

G

132

V *3*
Grass - ho - ppers hear through ears on their legs an or - gan called a tym - pa - num

HR

HL

Gt

B *8vb* percussion use fists on wood

Arp. Flat

136

V
tym - pa - num - tym - pa - num tym - pa - num tym - pa - num tym - pa - num

HR

HL

Gt *mp*

B *mp*

Flat

140

V
tym - pa - nim - pa num um um um Mo - ving their limbs up and down up and down up and down

C4

HR

HL

Gt *mf* use pick

B *mf* Bow

Arp. *mf*

144

V gives grass - ho - ppers three - di - men - sion - al sound they hear sound in 3 - D

C1 *mf*

C2 *mf*

C3 *mf*

C4

HR *mp*

HL

Gt

B

148

V Compound eyes of house - flies are cou - sins to our eyes with cor - ne - a lens and

C4 *mf*

C9 *mf*

HR *mf*

Gt

B

Language of Life

151 25

V *re - tin - u - la* *dra - gon - flies* *have thi - rty thou - sand* *o - mma - ti - di - a* *in each eye* *op - ti - cal*

C2

C3

C4

C9

HR

Gt

B

154

V *u - nits* *o - mma - ti - di - a - o - mma - ti - di - a* *thi - rty thou - sand* *in each com - pound eye* *thi - rty - thou - sand* *in each eye*

C2

C3

C6 *mf*

C9

HR

Gt

B

157

V *3* *3* *3* *3*
— in each eye in each eye —

C3

C4

C6

C9

HR

Gt

B

160

V *3* *3* *3*
sin - gle celled mi - cro - bi - als — have built - in eyes — just like ours — just like ours — just like ours —

C3

C4

C6

HR

Gt

B

163 H

V O - cean ma - mmals

C2

C5

C6

C10

HR

Gt

B

Detailed description: This system of musical notation covers measures 163 to 166. It features a vocal line (V) with lyrics 'O - cean ma - mmals' starting in measure 165. The vocal line is in treble clef. The piano accompaniment includes C2 (treble clef), C5 (treble clef), C6 (treble clef), C10 (bass clef), HR (treble clef), Gt (treble clef), and B (bass clef). The piano parts consist of various rhythmic patterns, including eighth and sixteenth notes, and sustained chords. A box containing the letter 'H' is positioned above the vocal staff in measure 163.

167

V ce - ta - ceans

C3

C5

C6

C10

Gt

B

Detailed description: This system of musical notation covers measures 167 to 170. It features a vocal line (V) with lyrics 'ce - ta - ceans' starting in measure 167. The vocal line is in treble clef. The piano accompaniment includes C3 (treble clef), C5 (treble clef), C6 (treble clef), C10 (bass clef), Gt (treble clef), and B (bass clef). The piano parts consist of various rhythmic patterns, including eighth and sixteenth notes, and sustained chords.

170

The musical score is arranged in a system with ten staves. The instruments are: Violin (V), Clarinet 1 (C1), Clarinet 2 (C2), Clarinet 6 (C6), Clarinet 7 (C7), Clarinet 9 (C9), Clarinet 10 (C10), Horns (HR), Horns (HL), Guitar (Gt), and Bass (B). The score includes dynamic markings such as *mp* and *8vb*, and performance instructions like "practice e-cho", "e-cho", and "Bow".

V practice e-cho e-cho e-cho

C1 *mp*

C2 *mp*

C6

C7 *mp*

C9 *8vb*

C10

HR Bow Bow

HL *mp* Bow

Gt

B

175

V
lo - ca - tion

C1
mf

C2
mf

C3
mf

C4
mf

C5

C6
mf

HR
mf Arp.

HL

Gt
harm... 8^{va}

B
 8^{vb}

179

V *mp* Del - i - cate la - cings of bone

C3

C4 *mp*

HR Flat *mp*

HL *mp* Flat

Gt *8va*

B *mp*

183

V in the skulls of por - poises dol - phins and whales vi - vi - vi - vi - vi - vi - vi - vi - vi - vi -

C4 *mp*

C5 *mp*

HR

HL

B *mp*

187

V *f*

vi - brate vi-brate-in sym-pa-thy vi - vi - bra-bra-brabrate with so - ohou - ohou - ohoud waves

C4 *f*

C5 *f*

HR

HL

Gt *f*

B *f*

191

V

C1 *mf*

C2 *mf*

C3 *mf*

C4 *mf*

C5 *mf*

C6 *mf*

C7 *mf*

HR *mf*

HL *mf*

Gt *mf*

B *mf*

I

195

V
And as for birds We can - not an - thro - po - mor - phize birds _____

C1

C2

C3

C4

C5

C6

C7

C8

C9
mf

C10
mf

HR

HL

Gt

B

Detailed description of the musical score: The score is for a piece titled 'Language of Life', page 32, section I. It begins at measure 195. The vocal line (V) has the lyrics 'And as for birds We can - not an - thro - po - mor - phize birds'. The music is in a key with one sharp (F#) and a 4/4 time signature. The vocal line features a melodic line with slurs and triplets. The guitar parts (C1-C10) are arranged in a stack, with C1 being the highest and C10 the lowest. C1-C4 are in treble clef, and C5-C10 are in bass clef. C9 and C10 are marked with a mezzo-forte (*mf*) dynamic. The guitar parts include various techniques such as triplets, slurs, and arpeggios. The Harp (HR) and Bass (B) parts provide accompaniment. The Harp part consists of chords and arpeggios, while the Bass part features a rhythmic pattern of eighth notes with triplets.

199

V
Birds were here first improvise until cue hu-mans co-py them _____

C1
mp

C2
mf

C3
mf

C5
mp *mf*

C7
mp

C9
mp *mf*

C10

HR
Arp.

HL
Arp.

Gt
mp *mf*

B
mp *mf*

J

206

V
A brief ode to hum - ans

C1
mf *mp*

C2
mp

C3

C4
mf *mp*

C5
mp

C6
mf *mf*

C7
mf

C8
mf

C9

C10
mp

HR
G# B
G# B G# B
F F G

HL
F G G

Gt
mp

B
mp

211

V

Our mir - a - cu - lous legs are ver - sions of

C1

mf

C2

mf

C3

mf

C4

mf

C5

C6

mf

C7

mf

C8

mf

C9

mp *mf*

C10

mf

Gt

mf

B

mf

215

V
wheels e - volved from mi - cro - bi - al ro - ti - fers — ro - ti - fers — ro - ti - fers mi - cro - scop - ic a -

C1
mp

C2

C3
mp

C4

C5
mp

C6
mp

C7

C8
mp

C9
mp

C10
mp

HR
mp

HL
Flat

B
mp

219 K

V
qua-tic a-ni-mals — Our legs

C1
tap keys with fingertips - no pitches

C2
tap keys with fingertips - no pitches

C3
tap keys with fingertips - no pitches

C4
tap keys with fingertips - no pitches

C5
tap keys with fingertips - no pitches

C6
tap keys with fingertips - no pitches

C7
tap keys with fingertips - no pitches

C8
tap keys with fingertips - no pitches

C9
tap keys with fingertips - no pitches

C10
tap keys with fingertips - no pitches

HR
Arp.

HL
Arp.

B
pizz.

223

V
co - py the whip - like ro - tors of fla - ge - lla ro - tors of fla - ge - lla fla - ge - lla ro - tors - of fla - ge - lla

C1
mf

C2
mf

C3
mf

C4
mf

C5
mf

C6
mf

C7
mf

C8
mf

C9
mf

C10
mf

HR
Arp.
gliss.
mf

HL
mf

B
mf Bow

227

V *mf* *mp* *L*

fla - ge - lla _____ Whose task is pro - pe - lling bac - te - ri - a _____ If no - thing else _____ we are bi - o - lo - gy's

HR

HL

Gt *mf* *mp*

B *mp*

232

V *mp* *mf*

most e - volved wheel _____ And when we are done with our great wa - dd - ling bo - dies _____ The

C8 *mp* circle breathe if possible

C9 *mf* circle breathe if possible

C10 *mp* circle breathe if possible

HL *mp* Bow

Gt

B

239

V *3* *3* *3*
great sca-rab bee - tle will en-ter and live on our flesh No worm for us nor sor - did

C1 *mp* circle breathe if possible

C2 *mp* circle breathe if possible

C4 *mp* circle breathe if possible

C5 *mp* circle breathe if possible

C6 *mp* circle breathe if possible

C8 *mp* circle breathe if possible

C9

C10

HL

Gt

B

245

V
— fly ——— We will buzz in the dusk ——— Like a huge bum-ble bee ——— We will be ma - ny ———

C1

C2

C4

C5

C6

C8

C9

C10

HL

Gt

B

253

V *mp* borne bo-dy by bo-dy in - to the wil-der - ness un-der the stars And we too will shine

C1

C2

C3 *mp* circle breathe if possible

C4

C5

C6

C7 *mp* circle breathe if possible

C8

C9

C10

HL

Gt

B

262

V

Like a vi-o-let Ground bee-tle un-der a stone

C1

C2

C3

C4

C5

C6

C7

C8

C9

C10

HL

Gt

B