# MEDITATION

### ~ AFTER THE DEATH OF STEPHEN HAWKING ~

FOR SOPRANO, FLUTE, DOUBLE BASS, AND FIXED MEDIA

JORDAN ALEXANDER KEY © 2019

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FOR THE FONEMA CONSORT February, 2019

### FIXED MEDIA ON TEXTS FROM

Carl Sagan Stephen Hawking Richard Dawkins Jane Goodall Wangari Maathai Malala Yousafzai

#### Mediation after the Death of Stephen Hawking

Text digitally excerpted from recordings of Richard Dawkins, Jane Goodall, Stephen Hawking, Wangari Maathai, Carl Sagan, and Malala Yousafzai (listed alphabetically by last name).

#### Carl Sagan:

The Earth is a very small stage In a vast cosmic arena Our posturings, our imagined self-importance, the delusion that we have some privileged position in the universe are challenged by this point of pale light.

#### News Anchor 1:

Every single word comes from	
the movement of a cheek muscle,	
a very tiny specific muscle	News Anchor 2:
	He can only type one to two words a minute
That requires extreme dedication and commitment	
	He married twice,
	had three children
	and outlived the prognosis
Stephen Hawking:	by 43 years

Can you hear me?

...

...

Treating every single day as a chance to ask a new question.

...

40 years ago I wrote a paper,

"Breakdown of Predictability in Gravitational Collapse," in which I claimed there would be loss of predictability of the final state *if the black hole evaporated completely.* 

#### **Richard Dawkins:**

Hello. Thank you very much for coming.

<u>Malala Yousafzai:</u> Dear sisters and brothers. I speak not for myself, ...

but so those without voice can be heard.

<u>Richard Dawkins:</u> The brain is a kind of computer, but it's a computer such as no human factory has ever turned out.

<u>Wangari Maathai:</u> *"What are you doing?" said the other animals* 

<u>(Wangari Maathai con't.)</u>

...

Carl Sagan:

"You are too little for the fire.

... ... We are overwhelmed. ... You should be as well."

The aggregate of our joy and suffering,

every hero and coward,

thousands of confident religions and ideologies,

and economic doctrines,

every creator and destroyer of civilization.

<u>Stephen Hawking:</u> Much of my own life

•••

has been spent exploring the nature of black holes, their geometry, evolution, and the fate of those unlucky enough to fall in.

<u>Stephen Hawking:</u> We know that there is as least one advanced civilization...

With a propensity for destroying species, ecosystems,

...

...

atmospheres, and weather patterns,

Perhaps entire planets.

<u>Richard Dawkins:</u> I suspect that there are more things

every hunter and forager,

<u>Richard Dawkins:</u> Now my own suspicion is that the universe is not only queerer than we suppose, but queerer than we can suppose.

in heaven and earth	
than are dreamed of	<u>Carl Sagan:</u>
or can be dreamed of	every king and peasant
in any philosophy.	every mother and father,
	, <u>,</u> ,
Malala Yousafzai:	every couple in love,
On the 9 <sup>th</sup> of October, 2012	
	infant child,
Stephen Hawking:	inventor and explorer,
Stars engulf planets,	every teacher of morals,
Malala Yousafzai:	every corrupt politician,
The Taliban	
Stephen Hawking:	•••
Supernovas fire lethal rays across space	 every "superstar,"
Supernovus file letitul ruys deloss space	
Malala Yousafzai:	every "supreme leader,"
Shot me on the left side of my forehead	
Shot me on the left she of my jorenedu	
Stephen Hawking:	
Asteroids hurtle around	 every saint and sinner
at hundreds of miles a second.	in the history of our species.
at nunareas of miles a second.	in the history of our species.
Malala Yousafzai:	<u></u> line of the sure
They shot my friends too.	lived there,
	on a mote of dust
	suspended in a sunbeam.
Wangari Maathai:	
I like to tell a story of a humming bird.	
I don't know how many of you	
have heard me tell about	

the humming bird...

**Richard Dawkins:** 

After sleeping for a hundred and forty million centuries we have finally woken up in the universe. We've opened our eyes on a wonderful planet. filled with color, teaming with life. Before very long we shall have to close our eyes again.

#### Wangari Maathai:

So this story is the story of a forest that caught fire, and it was a HUGE fire. They felt like there was nothing they could do Because the problem was TOO much for them.

Except for

this little humming bird.

Carl Sagan:

Think of the rivers of blood spilled by all those generals and emperors So that in glory and triumph they could become the momentary masters of a fraction of a dot .

#### Malala Yousafzai:

They thought that the bullet would silence us,

### Malala YouSafzai:

		They think that Obu
	Richard Dawkins:	is a tiny,
	So where does life come from?	little
	What is it? Why are we here?	conservative being
	What are we for?	
but they failed.	What is the meaning of life?	

<u>Malala Yousafzai:</u> And out of that silence came THOUSANDS OF VOICES!

#### Wangari Maathai:

The humming bird said, "I'm going to do something about the fire."

#### Stephen Hawking:

Whenever we make a great new leap, like the moon landings,

#### WE

bring people and nations together, usher in new discoveries and new technologies.

<u>Wangari Maathai:</u> There is something in our lives that we can do, no matter how small it is.

#### Jane Goodall:

We are just part of the animal kingdom,	
and we are not the only beings	
with personalities	
and minds capable of reasoning,	
and certainly not the only being	
with emotions like	
happiness	
sadness	
fear	
despair.	
Nor are we the only being capable of	
giving and receiving love.	<u>Carl Sagan:</u>
	Think of the endless cruelties visited
<u>Wangari Maathai:</u>	
"What do you think you are doing?"	
said the other animals.	
<u>Stephen Hawking:</u>	on the inhabitants of one corner
We are entering	of this pixel
an increasingly dangerous period	
of our history	

<u>Wangari Maathai (con't.)</u>

"You are too little for the fire."

....

"We are overwhelmed. You should be as well."

<u>Malala Yousafzai:</u> I am here to speak up for the right of education for every child.

#### Wangari Maathai:

Now the hummingbird, without stopping her work, she continued running up and down to get the water, but she turned once to the other animals and said, "I'm doing the best I can." That, my friends, is all we are called to do: To do the best we can.

#### Carl Sagan (con't.)

...

...

on the scarcely distinguishable inhabitants of some other corner.

How frequent their misunderstandings. How eager they are to kill one another. How fervent their hatred.

Carl Sagan:

Our planet is a lonely speck

In the great enveloping

cosmic dark.

In our obscurity,

in all this vastness,

there is no hint that help will come

from elsewhere

to save us

from ourselves.

#### Wangari Maathai:

You cannot enslave a mind that knows itself ... that values itself ... that understands itself. Malala Yousafzai: We will continue our journey! One child, ... One teacher, ... One hope, and ... One pen can change the world.

Malala Yousafzai:

Dear sisters and brothers, we realize the importance of light,

when we see darkness;

We realize the importance of

our voice

when we are silenced.

#### Stephen Hawking:

Here are the most important pieces of advice that I have [passed on to my children:

One:

Remember to look up at the stars and not down at your feet.

#### Two:

Never give up work – work gives you meaning and purpose. Life is empty without it.

#### Three:

If you are lucky enough to find love Remember it is there. Don't throw it away.

Carl Sagan:

Preserve and cherish the pale blue dot: the only home we've ever known. Malala Yousafzai: We must not forget.

Malala Yousafzai: We must not forget!

<u>Malala Yousafzai:</u> *We must not forget...* 

#### 0" 4" 9" 14" Jordan Alexander Key Mysterious ( $\downarrow$ = c. 50 bpm) February 2019 (c. 4' of silence) (ethereal string sounds) Fixed Media pondersome pp mp p $\star pp$ bÒ Soprano Solo Hmm... Hmm ha ha 00 mournful \* Flute [pp n delicate, with precision (sounding pitch) SP (sul pont.) Double Bass sim. $\stackrel{>}{m}p^{-}$ Π pp 24" 28" 19' 5 (tinkle sounds) Carl Sagan: FM H The Earth is a very small stage... in a vast cosmic arena (no articulation between pitches) non vib. p тp 100 Sop. O00... Ah... -3:2. Fl. bo pp p PO (position ord.) SP Db. # п 🖡 sim. Π III mf pp Copyright © 2019 by Jordan Alexander Key All Rights Reserved

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\*Arco Mobile is a special technique in which a sustained pitch is subjected to small variations in bow pressure whilst continually varying the bow position over a wide range of placements. By varying the range of placements of pressures, a wide range of overtones are produced in addition to the fundamental resulting in a continually changing sonic spectrum.

8





























