

**Bold** indicates added text

~~Strikethrough~~ indicates cut text

\*For large text adds, please find new pages attached.

Date	Page	Character	Line Change
9.12.09	9	GUNDA	Go wherever the hell you <del>feel like going</del> <b>want to go.</b>
9.12.09	17	BRUNO	It's true. <del>Mexico is</del> <b>Where he's from, it's</b> full of commies, drug dealers, terrorists.
9.12.09	19	MARIE	They're planning something brutal. Will you take me <del>to Mexico</del> <b>away?</b>
9.12.09	20	BRUNO	The <del>wetback</del> <b>rapist.</b> Perfect timing.
9.12.09	21	MARIE	I wish you could live in my brain for a week. It's washed with the most violent waves of emotion. What about? I don't know. It begins on waking and I never know which-, will I be happy, will I be miserable. <del>Do I have control over my emotions or do they control me?</del> I know I love and I hate. I feel, and I am in torment. What do I do with this feeling? <del>Every brain has a story and this is mine.</del>
9.12.09	21	ERIC	<del>Every brain has a story and this is mine.</del>
9.12.09	21	ERIC	Serotonin is the magic bullet; it increases the amount of neurotransmitters and enables my brain to keep depression at bay. The hypothalamus releases these chemicals like serotonin, oxytocin and dopamine <del>Causing certain behaviors to occur.</del>
9.12.09	25	MARIE, JORGE	<del>MARIE</del> <b>JORGE</b> Do you remember what you did last weekend? BRUNO It's 2:10pm <del>MARIE</del> <b>JORGE</b> <b>Do you remember what you did yesterday</b>
9.12.09	26	BRUNO	<del>Every brain has a story and this is mine.</del> Can you imagine one night five years long? No dreaming, no waking, no touch, no taste, no smell, no hearing, nothing at all. A never-ending agony.
9.11.09	27	JORGE, ERIC	ERIC You understand me, you commie? Want to fight? <b>ERIC &amp; JORGE</b> <b>C'mon,</b> JORGE <del>C'mon,</del> make a fist, with fingers wrapped around the thumb. This is the brain. Palm upwards, the outer ridge of the forearm becomes the spinal cord. It turns into the brainstem at the wrist. Now look at the fleshy part leading up to the base joint of the thumb. This is the hindbrain. The protruding base joint itself represents the cerebellum, which is the most prominent feature of the hindbrain. <del>In reality it looks like a kind of vegetable outgrowth at the brain's rear underside.</del> Moving upwards and into the tunnel of fingers, the shaft of the lower thumb bone represents the top end of the brainstem. This is known as the midbrain. Finally, there is the forebrain – the upper thumb bone, hidden under the fingers, and the fingers themselves. Each finger stands for a division of the <i>(cont. on next page)</i>

			topmost part of the brain – the cerebral cortex. Starting with the index finger, we have the occipital lobe, the parietal, the temporal and the frontal lobe. The upper thumb bone represents various forebrain structures that lie beneath the cerebral cortex (the amygdale and hippocampus, for example). There you have it. The gross anatomy of the brain - Or half of it. The brain is a double organ with two mirror image sides. Put both fists together to get the full picture.
9.12.09	28	MARIE	JORGE How complex and symphonic a human being is. How deeply connected one is to others and to the environment. We are bundles; we are bundled together. <b>MARIE</b> <b>We are bundles; we are bundled together.</b>
9.13.09	28	MARIE, JORGE	MARIE You are part reptile, part mammal, part primate, part homo sapien. You are a twitchy amygdala, you are a dopamine fiend. <del>You are an unthinkably complex series of connections, spun together by your genes and by your experience.</del> <b>JORGE</b> <b>You are an unthinkably complex series of connections, spun together by your genes</b> <b>MARIE</b> <b>and by your experience.</b>
9.11.09	28	ERIC	Smile, <del>asshole</del> damn it.
9.11.09	29-30c	all	please see new pages at the end of this document for complete updates and formatting on 29-30c
9.11.09	29	PAUL/ JORGE	<b>JORGE</b> <b>The brain is not marble,</b> PAUL <del>The brain is not marble,</del> it is clay, and our clay never hardens.
9.11.09	29	BRUNO, PAUL, MARIE, GUNDA, ERIC	BRUNO Bicycling. <del>PAUL</del> <b>GUNDA</b> Speaking English. BRUNO The Pledge of Allegiance. <b>PAUL</b> <b>7.</b> BRUNO Multiplication by 7s. PAUL 14. BRUNO The rules of dominoes. PAUL 21. <del>PAUL</del> <b>ERIC</b> Bowel control. <b>PAUL</b> <b>28.</b>

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			<p>BRUNO A taste for spinach.</p> <p><b>PAUL</b> <b>35.</b> BRUNO Immense fear of snakes.</p> <p><b>PAUL</b> <b>42.</b> BRUNO Balancing when standing.</p> <p><b>PAUL</b> <b>49.</b> <del>PAUL</del> <b>MARIE</b> The meaning of “halcyon days.”</p> <p><b>PAUL</b> <b>56.</b> BRUNO The words to “Subterranean Homesick Blues.”</p> <p><b>PAUL</b> <b>63.</b> BRUNO Anxiety associated with the sound of a dentist drill.</p> <p><b>PAUL</b> <b>70.</b> <del>PAUL</del> <b>GUNDA</b> The smell of banana pudding.</p> <p><b>PAUL</b> <b>77, 84, 91.</b></p>
9.11.09	29/30a	MARIE	<p>Each finger stands for a division in the topmost part of the brain – the cerebral cortex. <del>Starting with the index finger, we have the occipital lobe, the parietal, the temporal and the frontal lobe. I like you. You’re nice.</del></p>
9.11.09	29/30b	PAUL	<p>Where is the mind in this tangled wood of neurons and nerve fibers? It isn’t anywhere. And the self? <del>What did you expect? A genie in a bottle?</del></p>
9.13.09	30b	MARIE, JORGE	<p><del>MARIE</del> <b>JORGE</b> How do you feel?</p>
9.13.09	30c	MARIE, GUNDA, JORGE	<p><del>GUNDA</del> <b>JORGE</b> Do you know who you are?</p> <p><del>MARIE</del> <b>JORGE</b> Do you know where you are?</p> <p><del>GUNDA</del> <b>JORGE</b> What do you remember?</p> <p><del>MARIE</del> <b>JORGE</b> Do you know if you exist?</p>
9.13.09	30c	JORGE, PAUL	<p><b>PAUL</b> Hello? This is Paul. I don’t understand.</p> <p><b>JORGE</b> <b>Bruno.</b></p>

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			PAUL Who do you think you are
9.13.09	38a	GUNDA, JORGE	GUNDA I am a liar. <del>Who do you think you are?</del> <b>JORGE (to PAUL)</b> <b>Who do you think you are?</b>
9.13.09	38a	PAUL	PAUL Ok? Oppor-tun-istic. <b>What's the big deal?</b> ERIC You tell a lot of lies don't you? PAUL <del>Sometimes that means that I lie. What's the big deal.</del> You don't like me? You don't like that aspect of me? You like things about me...
9.13.09	38a/38b	MARIE, JORGE	MARIE <del>Listen. This faith in the brain's plasticity was Stravinsky's enduring insight. Nothing is difficult forever.</del> <b>JORGE</b> <b>This faith in the brain's plasticity was Stravinsky's enduring insight. Nothing is difficult forever.</b> <b>MARIE</b> <b>Nothing is difficult forever.</b> <b>JORGE</b> <b>The conscious act of thinking about one's thoughts in a different way changes the very brain circuits doing the thinking.</b>
9.13.09	39	all	ERIC Hello. My name is Eric, and I'm addicted to my life. <b>ALL</b> <b>Hi, Eric.</b> ERIC I always thought that it was actually pronounced New-Ku-Lar...
9.13.09	40	all	MARIE Hello. My name is Marie, and I'm addicted to my life. <b>ALL</b> <b>Hi, Marie.</b> MARIE I told him he had to stop. The "project" had taken over the entire kitchen...
9.13.09	42	all	JORGE Hello. My name is Jorge, and I'm addicted to my life. <b>ALL</b> <b>Hi, Jorge.</b> JORGE Where I grew up was actually on this side of the border...
9.13.09	43	all	PAUL Hello. My name is Paul, and I'm addicted to my life. <b>ALL</b> <b>Hi, Paul.</b>

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			<p>PAUL I couldn't find a bottle opener so I used a cheap plastic lighter that was in my pocket...</p>
9.13.09	43	all	<p>BRUNO So you could be doing this til you're ninety, right? PAUL ...no. ERIC What? PAUL No. <b>GUNDA</b> <b>No.</b> <b>MARIE</b> <b>No.</b> <b>BRUNO</b> <b>No.</b> <b>ERIC</b> <b>No.</b> <b>JORGE</b> <b>Yes.</b> <del>Phone rings.</del> ERIC <del>What is the brain and what is the mind?</del> <del>How does the brain work?</del> <del>Emotions?</del> <del>Memory?</del> <del>Communication and action?</del> <del>What is consciousness?</del> <del>What is the self?</del> <del>Neuroplasticity?</del> <del>What are mirror neurons?</del> <i>(Marie and Bruno begin a slow Schubert cross downstage)</i> MARIE What is it about human beings, and human beings specifically, that allows us to connect so deeply when we look at each other, our faces, our gestures and our movements?</p>
9.11.09	45	GUNDA	<p>Thinking about doing something can also activate the same brain regions that come into play when you actually do it. For example: standing, sitting, kneeling, lying down, rolling over, <del>crawling, standing, walking.</del> Jumping, turning, <del>spinning,</del> reaching, carrying, running,</p>
9.13.09	45	BRUNO, PAUL, MARIE	<p><del>BRUNO</del> <del>Deep in our architecture, down in our cells, we are built to be together.</del> <del>PAUL</del> <del>There would be no point in having a mirror system if you didn't want to interact with other people.</del>  <del>MARIE</del> <del>But we do like to interact and maybe now we will understand why</del></p>

9.13.09	46	ERIC	<del>ERIC</del> Healthy human beings are intensely social. More than our cousins the monkeys we invent ways to connect. We invent dances and handshakes and games to play. We eat together, we meet and we talk...we talk a lot.
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JORGE

The brain is not marble,

PAUL

it is clay, and our clay never hardens.

GUNDA

Brains are parallel, doing millions of things at once.

MARIE

You need training for that. We all have a face.

GUNDA

Yeah, look at yours.

BRUNO

Bicycling.

GUNDA

Speaking English.

BRUNO

The Pledge of Allegiance.

PAUL

7.

BRUNO

Multiplication by 7s.

PAUL

14.

BRUNO

The rules of dominoes.

PAUL

21.

ERIC

Bowel control.

PAUL

28.

BRUNO

A taste for spinach.

PAUL  
35.

BRUNO  
Immense fear of snakes.

PAUL  
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BRUNO  
Balancing when standing.

PAUL  
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MARIE  
The meaning of “halcyon days.”

PAUL  
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BRUNO  
The words to “Subterranean Homesick Blues.”

PAUL  
63.

BRUNO  
Anxiety associated with the sound of a dentist drill.

PAUL  
70.

GUNDA  
The smell of banana pudding.

PAUL  
77, 84, 91.

ERIC  
Beer?

PAUL  
Beer.

(MARIE and JORGE sing “Who do you think you are?” and dance and snap center stage.)

MARIE  
Each finger stands for a division in the topmost part of the brain – the cerebral cortex.

PAUL

Where is the mind in this tangled wood of neurons and nerve fibers? It isn't anywhere. And the self?

MARIE

The self is an illusion that actually exists, a fiction created by the brain.

JORGE

A human brain is just a big spongy bulb of inanimate molecules tightly wedged inside a rock-hard cranium, and there it simply sits.

MARIE

I like you. You're nice.

JORGE

The structure in the brain most implicated in violent behavior is the amygdale.

ERIC

Honey, turn around.

MARIE

Fuck you.

GUNDA

The limbic system may be responsible for sudden outbursts of rage followed by violence.

MARIE

I can't have this conversation now.

ERIC

What are you doing walking over here? You think anyone can just walk over here?

PAUL

Nothing to say?

ERIC

Violent impulses originate in the deep regions of the limbic system.

PAUL

Once aroused, the limbic system can become a directive force for hours, sometimes days.

BRUNO

Fear is replaced by anger, and finally, murderous rage.

PAUL

It's the job of the higher brain regions to decide whether to act on these impulses or not.

JORGE

How do you feel

Do you know who you are?

Do you know where you are?

What do you remember?

Do you know if you exist?

(phone rings)

PAUL

Hello? This is Paul.

I don't understand.

Who do you think you are?

PAUL

Hello. My name is Paul, and I'm addicted to my life.

ALL

Hi, Paul.

PAUL

I couldn't find a bottle opener so I used a cheap plastic lighter that was in my pocket. I still carry it around. There's no fuel in it, so it's useless as a lighter, but I've worn a little groove in it and it's a great bottle opener.

BRUNO

So you could be doing this til you're ninety, right?

PAUL

...no.

ERIC

What?

PAUL

No.

GUNDA

No.

MARIE

No.

BRUNO

No.

ERIC

No.

JORGE

Yes.

(Marie and Bruno begin a slow Schubert cross downstage)

MARIE

What is it about human beings, and human beings specifically, that allows us to connect so deeply when we look at each other, our faces, our gestures and our movements?

BRUNO

There is a place in our heads whose job it is to live in other people's brains- in other people's bodies.

MARIE

Cool.

(Paul and Gunda begin a slow Schubert cross downstage)