## Scire

## Kimberley-Blue Muncey

A Thesis<br>in<br>the Department<br>of

## English

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#### Abstract

Scire

\section*{Kimberley-Blue Muncey}

Scire is a collection of lyrical and narrative poems that explores and applies science into poetry. Various aspects of science work as the bones that structure and inform the poetry and the collection looks at the parallels that exist between human experiences such as sex, death, consciousness, family relationships and scientific laws that explain natural phenomena.

The poems are loosely divided into three sections. The first looks at the mythical side of science, and the poems attempt to retell these myths. The second section moves forward in time, focusing on ancient scientific understandings of the world, but applied to a contemporary setting. Finally, the third section uses current explanations of how the physical world works and the parallels that can be found in human behaviours and interactions with one another.


Scire finds its cohesion theoretically in various underlying scientific histories and ideas and how these explain the human world. These become the catalysts for the poems, which are an exploration of science as the subtle gridwork that underlies human experience.
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## For P'an Ku

I want to write you
something beautiful, as you are
the world
a heartbeat, pacific waves and breath, air sighing in, out of lungs, like sea sponges filling.

Your spine a volcanic range, rigid muscle mass, steady churn of magma, blood through deltoid, scalene.

Scapula, ulna, tibia - your bones a grove of tree trunks anchored to biceps. You taste like bay leaves, the sugarpine.

Curls of hair, tendrilling rattan palms, carry lumps of berry, full fruit, woody brown stems.

Your eyes melted glacier pools, blue along borders, the glimmer of the moon puddling silver, the sun's flecks of gold.

Sweat the trapped rain of a sultry sky, a dewdrop quivering on your brow. Steam rises, humidity off dimpled rice paddies.

Speak thunder, your voice a bellow billowing lion's rumble, baritone, then contralto, a loon's moonlit cry.

I fall in love with the fault lines of you, running deep under flesh, vessels, a furrow beneath bone.

This thrust fault between your chest's plates -
fissures between ribs where I nestle in, next to the heart's murmur.
In this crevice, I can feel you, an earthquake.

## The Reason for Night: Digueno Sky

We collide in the night, giant ellipticals tumbling on top of each other, under, over, into.

We are a starburst galaxy, fuming sighs hot on muscle knots, inflamed.

A system of blazing stars
explodes from between us - scraping out of the friction between our chests, sparking where your chin grazes my forehead, my mouth bursting superclusters all along your jugular.

You gleam like melting iron inside a blast furnace.

We flare, brightly, quickly and ignite, a burst that outshines the galaxy we have built inside each other. Stars scatter and a shockwave sweeps across the air leaving remnants of bruises and flushed cheeks.

They cannot see
in the dark. It hurts.
Give them sleep.
The night, ink seeps through lashes, your lids flicker against its weight.
I feel your stars spinning inside you
a gentle churn. Pressing myself into your cradle of spine, I slow my breathing, align my stars with your sleep.

## The Reason for Sun: Sól

What's this Sunday morning without your fingertips, greasy from Kenyan coffee beans rubbing my lips awake
dressing through mustard tints of cloudy dawn, you in corduroy, an orange turtleneck as dark as burnt pumpkin
without your crate of records propping open the balcony door
the slow smolder of a tangerine-flavoured cigarette and the smile you have, its tip bit between your teeth?

## You say, I am running because I am afraid. This is the difference between running for and running from.

It is just a day.

## Creation Stories

## I.

Hera: night sky
The day the clouds empty themselves, matting your hair against your scalp, the cuckoo drops from dripping cypress branches, feathers frozen, onto your tunicked lap. You palm the small quake of a bird, slip the mass of cold between your breasts. He grows under your clothes, ripping the robes from your sides.

So your hips, once narrow, now fatten, prepared for what he has filled you with: hair and skin, translucent new tissue and cartilage, glowing.

Your pelvic bone grows holes, rutted and uneven, a concave peach pit pocked as sea stones. Your teeth feel loose in your jaw, and bowels loose in your gut. This rounded belly becomes your beauty, its skin pulled tight, veined, the tiny purple vessels exploding like letters, a quill dipped in violet ink. Placenta runs down your legs.

Breasts swollen, scabs dappled around nipples, the sky shudders when you thrust your son away. The droplets of milk and blood that spatter against the nightline are stars, each the story of your fear.

## II.

Sky Woman: earth
Summoned to the pit, it gapes at you, charred and larger than an eclipse. Breath gagging
in your throat, your toes all soot, curling - no - clutching the brittle edge before it flakes away like slate rock. Layers shifting out and down, you tumble. Your shoulder blades bloom with bruises where he pushed; you wish for wings instead.

Your shins splinter in the crash, the solidity of water's surface tension drive your ankles up. Inhale the shock, lungs expand like balloons pumped with helium. You float beside a waterlogged beaver, drowned loon, their eyes the same black hole.

When you pry earth from muskrat's rigor mortised clench, it grows into a mound, a mountain range, flatlands. Your womb contracts around twins, still for a moment, and splits open, spilling you into the new clay, fresh dirt, sea pebbles.

One son has towering hemlock, pine, flowering apple to sprout from your blood, washes a mountain stream through your ribs. The other gnarls their trunks, plants nightshade between your teeth, moves boulders and a current sweeps across your bones. Each one, sculpted smooth by river water, gathers in a pile, the shade of moonseed and sumac.

## III.

Pele: fire
Caped in burlap, he approaches. The grin melts off your face for the first time, your heart pumps magma.
Under your hands, his hemp rough, your body rubs away red in the embrace.

You pick his bristles out of your mouth, boar hair choking your throat, spiny daggers buried in palms, soles, the soft pale of inner thigh where his snout dug in. You cauterize your holes, watch him storm out your fire.

He returns, a wet beast stinking, climbs on your back, hooves your head down, your nose filled with sulphur, eyes swimming in cinder. Squirming pink inside, you're stuffed with a pig farm: grunting, one eats out of the slop and roots out the cradle of your arm.

Spend your days with your arm cocked, crooked smile flitting across your lips. The splash of fire quivering orange, the rolls of lava toppling over themselves quicker, swallowing men who dare to look at you.
IV.

Coatlique: life
Birth flows from between your legs, wrapped in the hiss of a thousand serpents. Your heart beats within the draped garland of a hundred atria and ventricles, baby fingers and arthritic knuckles.

An obsidian knife blade scalpels along the length of your sternum and down, its surface reflecting one last look of your skin, once a polished enamel without chip or scissure. Inside you roil with stars and the moon. A ball of feathers, coiled grey down to staunch the blood, blooms wide between your breasts; the universe aches, scatters out of you
and into you, as you devour emerald rocks and milky jade, drain currents from riverbeds. Your children chain your ankles, crack your wrists, shoulders dislodged from their sockets. Ligaments snap with firecracker pops, bursa bursting, each tendon yanked from muscle as they pull; each child, north, south, east and west.

Your hair grows into grass, flowers from your mouth, your eyes, caverns, green valleys, your nose. Your tears create riptides that children throw themselves in, your heart a volcano for virgins. You fill the world with savannas, saltwater, mountain springs, the orchid and armadillos, asking life in return.

## Earth and Sky

The slick sidewalk hazes up my yellow steam, still in the sticky summer air - droplets, hovering in a balmy lull, collect on dandelion bracts.

My body, ochre and wet, arches its back, a hill rising, sighs for your touch rain - your summer storm, a smattering of drops delicate and unsteady tears.

Dandelions droop their heads, rain and mist trickle off the leaves,
simmer away in a blare of sunset as the city closes its eyes, a child crying for sleep.

## The Phoenix

These bonfires Rybnik, Beirut, Iran
chased the pigeons from their streets
a hush settled in dust.
But the pigeon sheens gold with red wingtips, and with a proud bundle of chest, his cinnamon twig nest ignites
his breast.
He returns new
Cities stories
all from bonfire ashes, rebuilt and retold.
The pigeons have returned, skip across cobblestone, ruffle aged grey feathers gape their beaks beg to eat.

## I Have Found It

To decipher silver from gold
Archimedes bathed a laurel wreath crown
to discover my worth
I once floated in the bathtub
the water shallow, the sides close
my legs slid down, arms snug against ribs
slid into the brimming tubwater rose gently, fragrantwith Florida Water, flushedwarmly into the pits of my collarbonemy head, toes, dry
my back pressed against warm ceramic
because silver carries no weight
but after the funeral,
I turn heavy gold
and in this slough
of heavy lily, incense
to cleanse the body, I bathe
fill the tub, settle in
water spilling over
into the crevices between tiles
the pipes clunk
from somewhere
in the ceiling, reverberating
in my ears
now sunken

## On Floating Bodies

Swimming in the ocean, you reel under its mass lopsided, a syrupy flail of legs and arms.

I spread starfish, arch my back away from water.

With a careless flip, I float facedown, watching your underwater struggle to stay afloat, the determined drawback of your foot as it glances a strand of seaweed.

I ride this riptide in under you.

## The Loculus ${ }^{1}$

## I play this game <br> very carefully.

Ivory tiles click
as we rearrange them
and each triangle becomes
a piece of a new figure.
They tell our stories
as we live them,
the collision of shapes
our three lives drawn out in tusk:

[^0]Figure I is an elephant

You, my lover, tell me, the sun, when it sets, looks different depending where you are. I stayed at home with him
when you planned a trip to the coast of Africa, where the sun sets furthest of all and still burns through palms.

You pushpinned maps, marking islands, inlets, traced paths lined with lianas curling into ground.

You show me the rash between your legs, where they chafed against an elephant's hide;
wanting to feel the elephant, I run my hand over your skin, brush my lips across your thighs' bumps, coarse hairs.

Figure II is a snowflake

Pointing out in six directions, trails where the city has paced. I forged a fresh path in snow drifts,
each step shuffled, head bowed, concentrating on not slipping
on the layer of ice hidden beneath. My husband reaches behind
his hand waiting for me to find it with the expectation that I will.

Figure III is a pot

He brought me home
this clump of lantana root
to water to life, patiently await its bloom.

I buried it in a Japanese teapot; the root didn't take hold
but shriveled away
in its new dirt.

Figure IV is a dancing girl

I lean against you, push with throbs of drum and bass,
pressing hips to belly, pulsing sweat out of pores.

I plant your hands on the small of my back,
eager for fingers
to bear weight
into topsoil flesh, humid, ready to receive
the slip between girdling and the effort of breathing.

Figure $V$ is a six-pointed star

Visible through the curtains, blowing slightly apart. my bedroom freezes in the January night:
every winter, the cracked window frame pops the glass out of its hold, inhales November, exhales April.

He studies my bruises, the purpled junction where my thigh joins torso, and reaches to touch; I pull a sheet over and breathe as though I am asleep.

Figure VI is a dog

You bite my neck.
I press my thumb against
the bruise, like an apple's
pulpy soft,
blue purling ringing around pink.

At home, he watches me knit a scarf longer than me
already cinched, strangling The ache of turning right.

Figure VII is a flying goose

Its wings weaken, struggle to gain hold in the vee formation, bones, hollow, skin and feather light, still slowly sloping out of the flock.

Alive, I've been able to feel rigor mortis; muscles, sinew become stiff if a hand is opened and closed quickly, repeatedly.

I hear the geese in the afternoon, when the ground turns loose and wet, when ice's hold between the earth's grains melts,
slipping between the cracks, sand shifting. I can no longer count out the days since I grew tired of the gold light sun spreads through your window,
my shadow stretching russet as it bends, collecting clothes, fleeing to the shower to wash your scent off my skin before going home, musty and sticking.

## Figure VIII is a gladiator

Vicious and virile, you both attack at the same time, your nets so binding that my skin puckers through their holes.

My centre of gravity sits low in my belly, spreads
across my hips. I am weighted by this new child inside. Strung along
by this thread hugged tightly in the hollows
of my pelvic bone. It knots itself around you, then twines itself between
my husband's thighs. Ties me, guides me, pulls my gravity in two, this sloppy bisection between two men. The game is lost.

## When You Ignore the Lighthouse

I watch you in the morning
when you stand by the bathroom sink
rooted in, stark winter birch parchment bark peeling, growth rings thick from heavy rains and yellow summers, a lighthouse beaming out to sea
that tilt of the mirror when you shave bounces a light across the shower curtain, the bathtub's beacon

I squint, dispersing the mirror's light through eyelashes, weakening the beam
so the warning cry of light, mirror, glass remains unheeded and a ship's weight heaves forward, its bulk
of wood and steel bending, cracking
splintering against stone
the rasp of razor scraping skin and hair
the birch tremble offshore

## Music of the Spheres

Pythagoreas believed that in the spacing of the spheres, there is music, you say, eyes closed, straining to hear an inaudible harmony, where crystal rotates against stars, the planets.

You practice your touch across the tabletop. The overtones vibrate straight through. My reach, the envy of even Rachmaninoff, sticking your hands out, spreading fingers.

I press my palms against yours. There is a piano inside me, ribs, plates, strings of nerves and tendon. Think of all the pieces you could play along my spine:
allegro, along coccyx to sacrum in one quick sweep, cadenza spreading across the cervical curve, your hands the hammer, striking each vertebra string.

But my bones are bundled beneath blood, plasma, muscle, skin, thick layers muting the chords.
There is music all around us that we cannot hear.

## A Mother's Hippocratic Oath

Peeling beets, a thin strip of rimpled skin into coils in the kitchen sink.
Leach and surge, a stain lurches from blade into your mother's fingertips.

Your palms roll out pastry dough.
She pares smooth stones from cherry flesh, cragged ones from the plums. Your flat belly rounds out with fruit pie sweet and nauseous.

When you tell her you're pregnant, fiddling the edge of a mottled enamel mixing bowl, your mother tosses brown-bruised bananas away, sighs. You learn
about a baby brother with brown hair and blue lips.

She teaches you that fresh pineapple carry spikes that scratch away skin inside, alive. Your mother bakes upside down cake, angel cake.

Years later, you wrap yourself in beet skin bindings taking care of the things you touch.

## There Is a Fifth Direction: Center

I am told, travel
towards colour. Cardinal directions are more than faint lines on old maps: the print my foot leaves behind.

Walk green, Jiaozhou Bay on paths narrow as bamboo, sloping down to shore. This ocean in spring, colour of tortoise shell, sticky moss.

Yuan River, sunset.
Auburn pools sift silt, remnants
of rice fields, the salt
water reeds. Heat settles in to the heart's pulse, pushing blood.

Pause. Rest in the Sea
of Marmara, stride knee deep, saline bright, stinging. An island, all rough marble, reflecting this evening star.

The Amur Basin, too frigid to approach with skin. Iron and oil
fields silent, stopped in the hush.
Winter, water under slush.
The Yellow Mountain, earth's center shifting up, out.
Rock pillars sprouting fern and tea leaves. These stones are sentinels, The Sea of Clouds.

## Waiting to Hear From Iceland

You are very good at putting continents between us.

I smell these postcards, the trace of you invisible as fingerprints.

Ariel, January
Her hand, a tremor deep through the marrow, quakes out her name, one thousand shimmering gold coins. Her wince as soft glass explodes, coiled-coil filament by her heeled foot, a splash of confetti, sifting paper quieter than snowflakes.

You write me these stories, marriages you are studying.

I send you a piece of crystal to bring you home.

Kusadasi, February

Morning, sunrise catching on plum, ochre, dark green bottles, sun surging the colours onto rooftops, through olive trees into neighbours' windows, a rainbow village in suspense.
She awaits the tinkle of shattered glass
falling from chimneys.
Knocking on the door.
Look through it
even when fog muddies the sky.
It will show you the sun,
and the direction to go
Shanghai, March
Long sliver of jade, hung from a red string, a bubble of purpled fingertip tracing circles in the air
over her distended belly: motionless.
She sings lightly, washes socks, pulls a third bowl
from the mahogany cupboard.
Turn until the sunstone turns yellow.
Dance in circles until the sun beams point straight here.

Masulé, April
Broken red glass, the bangle slipped from her arm, her wrist, pink imprint of cloth shriveled at the corners, rose petals weighted against the wind by rice grains, white stubs in a mess of slivers and coins.
Glints of jeweled glass against green and cool clean cream.

I keep busy, slicing straight, crisp lines through the curls of your words.

Christ Church, May
This shaded grove, miles away from shoreline earth still packed and black, moistened banana palms, coconut husks pressed into dirt, her shell and nut necklace browns, creamy pinks, half-buried.
She sleeps still under thatched roof, a sheet, beaten and bleached over an ocean stone.

I snip cherry blossoms, the veins careful in their delicacy, the long tailed boat, Chao Phraya skyline, pasting them under glass.

Chiang Mai, February
That red dress, that long row of tiny buttons each slipped out of its hole his thick fingers tugging, fumbling over their pearled finish. Her impatience to finally breathe; live
in one set of bones.
Polarize.

Find the sun. Find me sitting on the bed, waiting.

The anticipation to draw a breath; that's marriage for you.

## Massage Abortion

Never let your hands leave
her body
isn't an archipelago
of nape, bare feet, calves
but landscape to be traveled
all at once.
Massage the soft mound of abdomen
pushing down from sternum to pubic bone
like forcing aloe from a leaf,
a viscous salve.

A tiny curl of fetus, delicately responsive.

## Motion:

## I.

one deer
snow flecks clinging
to bristled pelt,
paces among
yellowed tufts of grass, long
left behind from summer,
probing their tips through
crisp layers of ice,
ducks his head under
spindly stray branches;
heaves his weight against
the trunk of an elm
bark scratching flesh
one deer
carcass
bloodied
on a cement garage floor
waiting
to be divided
frozen

## II.

one wife
stitches a colour coded quilt
loses the needle between the baseboard
and curled linoleum
squints for sight
of it through dusk light
under the linoleum
peeling away from floor and wall
hides fiorenal and an overdrawn
bankbook, blue and white
bills, stagnant water, stretching winters, a dog licking castration scars, damp firewood, a sagging mattress and
a wife
sleeping through insomnia drugged, a dry throat, a rash across her breasts
from his unshaven cheeks
and blood from
a prick
the needle finding her finger
when she bends to pick it out

## III.

one husband
his arm crooked
a plaid V formation of forearm and upper arm weighted butt of a rifle nestled in the flannel hollow of his shoulder whorls of stubble bristling against the stock eyes peering through a curtain of fir
trees and up into a gray sky
at a mallard silhouette
the shot scatters
a murder
of crows
behind the house, a shed
and behind the shed, right of the maple
in front of the cattails,
frozen still in swamp water, frogs'
bulging eyes visible through brown ice,
her figure, surrounded
by pink splashed snow
bare legs stuck
straight, blue toes
cramped
on the trigger
of a hunting rifle
she had propped up against her face
and with the flapping brushes of oily feathers he lowers his arm, no shot fired

## Animal Altruism

Wolves will surround a carcass, steaming at its split fur-lined seams, shove their nuzzles in three inches deep.

This circle
of intestines, strung between them like Christmas garland
is no different from the musk oxen who, against a pack of circling wolves, growling from deep in their bellies, barricade their young. The oxen stand stoic, chests beating temptation cries for the wolves' ears.

A woman, who fled
her burning house with a daughter crying inside,
hears this music travel, cooks her meals to its rhythm now that she's eating again.
Sometimes a steak chars when she watches her glass of wine too long, and the howling siren moves her out
of the rhythm of oxen hearts,
into the dance
one ox does
as he makes a weighted chug
to the trees, hooves spitting soil
into the eyes of his calf
close behind -
erratic and unsure
how to handle this flight
of oxygen and blood.
She listens to her daughter cry over and over, remembers her own dash to the front door with its iron hot knob.

## She vomits into an empty space

 beside the bed.Wolves carry a lump of heart to their sick, a thigh of the calf, half the length of their bodies.

We are better
without these children.

## To Charles

I'll admire youon the diving board six feet above,
when I can still see droplets of pool water
delicately caught on the hair of your thighs,
each one refracting a rainbow.
You glow with violet, indigo, ocean green.
I will contemplate the electric blue
bathing suit that cups your groinso precisely.
Call out,
a chirped hello, or look out below.
Make the dive count, the splash
big, like a turquoise feather fan of chlorinated water.
I will admire how straight you lock your knees

- strike and slip through the pool -
the tousle and shake
of your hair when you surface.
We carry our sex with us,
loud and gleaming,
like a baboon's inflamed buttocks,we wave our heatto entire baseball fields and street comers.
Wave, I'll smile back.


## Cadence

Other men's hearts have beat to the changing of the seasons, blood trembling through our bodies in tempo:
shuddering with blue frost of winter twilight, collapsing in as the autumn leaves, twitching open in spring.

I've heard them all. I have fallen into cadence with them, my life a pattern regular as the years.

But they have been nowhere near me.
You have surrounded me, however quietly.
I know you bleed; I take your pulse while you sleep.
But when I press my head to your chest, to listen through muscle and bone

- silence.

So during a storm, when thunder rolls, I will make you catch lightning in your hands, your heart a sudden leap year.

## What You Should Expect

My hair smells of garlic. When I cough, lemony sumac, cinnamon slips over my tongue, a spicy residue clinging to my stomach's walls.
But when you kiss me hello, I am certain you will taste fresh figs.

There are aquamarine glints sparkling from under my fingernails. Last night, swimming between the distant rocky cliffs of Rhodes and the greened mountains of Antalya, swelling into the clouds, my fingertips shot trails of phosphorescence through the water as I skimmed them over the surface.

I remind myself of a peacock, gleaming blue and green.

A Sunday morning spent at the flea market, palming smooth Nazar Bonjuks, chewing on colorful cubes of delight, whiffs of linden tea.

The ezan, called from stone minarets, buries my head in a hijab blue linen shot through with pink. The Blue Mosque domed from the horizon, you will forget the colour of my hair.

I carry matted camel hair in my pocket.
Hitched up outside a grocery store, a camel, shifting his weight from side to side.
The driver offered to trade him for one night with me, my blue eyes.
I gave him a kiss, he snipped a clump of sable hair, directly off the hump.

I smoke clove cigarettes now, the scent dry. It will make you think of pumpkin pie, spiced cookies baking. They are the closest taste to the nargeelah, apple tartness and heavy molasses.

My skin has grown freckles:
Light browns, tiny spots of tan flecked all over my shoulders, chest, nose. But this isn't skin you have touched before:

I have peeled out of myself
twice already,
scrubbed the withered wisps away with sea sponges plucked from the water.

Like fruit flies, these months spin around my body, in orbit with a new sun, my own moon. You will hardly recognize me.

## Ripening

Her mother allowed herself one ripe mango every grocery trip, arms spread out as a scale, judging juice by heft. Nestled between white bread and bags of milk, this orange flush, blazing.

She's been dead seven years and still
from the coast of Quepos, her daughter sends home postcards of banana groves, strips hair from coconut husks, pockets ginger pods, palms wrinkled passion fruit.
But when cradling a mango
in her cupped hand, the pinked fruit
barely clinging to its bough, flesh full, she feels
she cannot afford its weight.

## Braille

This bed. It is silent - hearts that furrowed a fosse down the center are fossilized still, basins where our bones rubbed.

## Phantom

Her old house is a ghost limb.
She visits it often, pale, wavering, its brick, flagstone, and shingles rippling.
Her toes sink in the seams
of warmed asphalt, she's barefoot at the end of the road, pressing her heel in baked tar.
From down the street, it shimmers.

She carries it with her
in the new house, she feels for disappearing lights, lies awake in a room with curtains open, eyes squinted for a moon, stars, a celestial body that isn't there.

Now, with the slow careful recline of a patio rocker, the deliberate arching of spine, palms spread in the stretch, her fingers brush rough brick. She startles, sits upright, spills lemonade and mint leaves. With the rasp of callus against cement her periwinkle vines, root garden, the musk of potato dirt, all creep away.
It's the vines she misses the most, glossy leaves, cold and waxy on her fingertips.

Her hands, forgetful and fast, turn the bath faucet left from habit, face uplifted, lips parted.
Summer's been hot this year, the nights steamy, her skin sticky, desperate for water, that cold trickle down her arms, the shock of a shiver.
She stops showering after this burn.

She learns to glide her skin lightly over these walls, and even then, only in the evenings.

She undresses
in the dark.
She knows her body, the jut of hips and ribs, the ridges of collarbone.
Her body doesn't know this house.

## What Animals Do

Shattered alongside a fallen log, a single scrape of a brown beer bottle shard, along this muskrat's softened underbelly:
she avoids her cattailed marsh, chewing through milkweed pods, lichen on rock face, far from water.

When clouds pass over the sun, shadows are a slim smudge on the dirt, like the gull's, who snapped her tail tip quick in its beak:
a field mouse slips into grassblade caves losing sight of her litter, even for a moment.

Two shirts left hanging in the closet, one sock under the dryer, crumpled and grey.
Coffee rings. A voice on the machine that isn't me.
A key in the mailbox, an electric bill:
Sparkling wine from Germany flumes wide open in my mouth.
Scratch, scratch, sniff - flicking from nose to brain, to dopamine.

I wanted to know you before
because this is what animals do

## Measuring

## I.

Summer
He fills his days
with work outside:
water tomato vines, smoke out
a hornet's nest. Stain the deck mahogany.
A timer on the barbeque keeps his time temporary, staccato.

Shades drawn, it is cool, quiet inside, different from what he remembers. Unoccupied.

Grey fuzz on whole wheat bread, crystals on the salt box, oranges shrivel, green rocks with mummified membranes.

His mother's body upstairs eats itself from the inside out.

Weigh what goes in, what comes out.
White rice, cottage cheese, skinless turkey.
II.
Autumn
It smells
old, the house is damp.
Empty the dehumidifieronce a day, gallons of water siphoned from the air.
The ounces of glue pasting her lungs' walls
keep him awake at night, this rattle of breath.
Every two hours, bring her soggy cereal, softon gum tissue.
Yogurt. Creamed wheat.
He hears it wherever he is,the timer beeping his hourly schedule:Liquefy sugarless Jell-O, pureecarrots, mush over boiledpotatoes, mash bananas.
Mouth sores.
One tablespoon salt, one cup
warm water.
Apricots only last so long,
skin loose and wrinkled, barely clinging to what's left.
Consider time and quantity
at the grocery store.
Eat what is about to go bad at home.
III.

Winter
He shovels the driveway
after every storm.
There's nowhere to go
the car must have a clear path.
Every centimetre of snow promises
guiltless minutes outside. Numb
fingertips, the windy torture of breathing.

He lets the wind slam the front door shut, makes noise when he walks, shifts his weight on creaky floorboards outside his mother's room.
The vacuum cleaner can't make a loud enough noise.
Nausea is weight loss, demanding calories.
Whisk knifeloads of butter
into scrambled egg whites.
Sprinkle milk on toast.
Five meals a day:
Heat baby food, avoid prunes.
Mix milk with honey, boil cabbage.
Bran flakes, almonds, dried apples. This will last forever.

## IV.

Spring
He's always hated garlic.
On the day of her funeral.
his car is filled with it
steering wheel, seats, the radio buttons.
He looks at his bandaged thumb, where the knife slipped and ground into the knuckle.

Even my bones stink now.

## Oxytocin

## I <br> Before

In this body, the heartbeat minor, then major thump
alternating pulses that push our blood through
my veins, until my whole belly
convulses around you,
billows and tightens.
During the night, the furnace kicks on and you kick off, the fluttering fury finished.
This quell of quiet aches.
A purplish plum impended still, your crescent spine prone against my tailbone. Breathe!
Inhale, exhale, and labour to hear a hint of you.

Suddenly stirring stalwart inside, a steamroller rundling around, you are here now.

I relish the churn of bodies, the closet keyhole channeled through me. I remember my body relinquished.

## II

After
Take this house.
The basement's floorboards are mildewed.
The attic's ceiling rust-stained, an intricate interlace of iron oxide fingering outwards, from the rafter beams, inside.

The furnace fills the kitchen with soot, piling onto window sills, morning frost sticking
black. Pipes travel inside walls, the house's veins now frozen. Not enough
sun gets in
through the drawn bedroom curtains.
Relish the clunks of this house, my lungs incarcerated by ribs, rafter beams.

The room down the hall:
window open, a flurry of snowflakes
drifts up these walls. This quell of quiet aches.

You are like the rolling distance between meals, a rumble in the belly for the sustenance to complete and carry myself.

## The Science of Making Candy

Syrup - caramel, chocolate - is the thread. Low temperature yields sweet liquid. A higher boil gives fudge, soft and easily spread, fondant on a wedding cake. Turn the heat a little higher for creamy caramels, only flattened when squeezed. A gummi bear will always uncurl after being mauled between fingertips, nougat will break apart.
Hotter still and saltwater taffy wedges in molars, lodges in your throat. Finally, peanut brittle, unrelenting, peels enamel, shatters dentin, your nerve exposed.
Just breathing will make you cry.
The science of making candy is not like raising children:
we do not boil away
a baby's blood to create a crunchy heart of sugar.

## Sea Jelly

We do not die
like spiders, with muscle constricting, legs wreathing in.

## We die

like jellyfish
live:
her skin, translucent and silken, doesn't cry
for water; we breathe it into her when we talk, blow words across her body.
She floats gently in our conversations, out, as passive as driftwood
on pacific beaches.

With a kiss on her cheek
or the stroke
of thumb
down her arm,
a quiver -
nerve rings
in her skin
ripple in.
The last breath, exhale.

The body
doesn't shutter
in on itself.
She blooms
open, enormously; pushes the room's air currents, a wind
floods
our mouths.

## Sustenance

## (a series of fibs ${ }^{2}$ )

Count.
Seeds
Plucked from
green apples
black with arsenic
woody, biting them to slivers.

Choke.
Hold.
An arced
hollow, soft
yellowed quills, prickling
upwards, cupping smooth, pulpy hearts.

Yew.
Red
berry
sweet sugar
coats one aril, this
plump, ripe marble, ribbons poison.

2 The typical fib is a poem of six lines that contain twenty syllables, the number of syllables per line corresponding to the Fibonacci number sequence

## Hydroponics

Pine trees, cedar bushes, their oils rich and poignant, stop growing in the winter; that November, I planted a garden. Eight thimblefuls worth, like a line of tiny toy helmets turned upside down. Inside each thimble, a moist tuft of moss. A squish of green matting, lush emerald-black, my window sill like a coastal forest.

With snow pellets to rain: walls slickly damp, under the only light of dark yellow splashes of headlights through the front window, the smug hiss of warmth from a floor heater each wooden pot, heavy, wet, flushed myrtle.

## Bowerbirds

The house is a clutter of collections, my mother nesting in the middle of the piles she picks through from day to day: mornings for the cherry pits, threads of their maroon flesh petrified. She rolls them between her fingers like wooden marbles.
Seashells from the beach, a crab claw inside
oil slicked abalone, a rattling sand dollar that sounds like her baby teeth
in a pill bottle, all scratched, filmed over with yellowed calcium. They click together, the sound of her backgammon and Parcheesi and Yahtzee dice.
There's a box of used tea bags, one still damp at its centre.
Strips of orange peel, shriveled to the size of a postage stamp, roses and pressed daisies, a looming basin
of homemade potpourri from weddings and funerals.
Her wrist dangles a charm bracelet, tinkling silver lockets with curls of blonde hair inside, a tuft of gray, a crescent of eye lash, the little bulb of pulp still attached at one end. I am not
that different in my collections: I bake my lovers bread in the afternoon, pressing the heel of my hand into the dough, kneading a swelling loaf of cinnamon bread, dotted with raisins with neatly collected piles of skin, cuticles, a strand of hair.

## It Is Useless to Define Colour

sugar bowl filled with lumps, milk droplets left behind in a teaspoon key lime pie laden with foamy meringue voluminous clouds, puffing horizon length snow without paw prints or cross-country skis the cotton lining in an old parka sand stuck to a girl's curved buttocks, salt on her lips from drying seawater abandoned home, a seashell and a mile of Bajan beach
a giggling limo reflecting flashbulbs tuxedo freshly pressed, a boy, all legs and arms tears at night, a shroud of sky with umbrellas in the rain, missing the moments without him
blood from a robin's breast, clamped between the jaws of a fox his chest heaving with heat, hunger a woman under a stoplight in Amsterdam, skirt hitched up her thigh, the soft skin of rose petals on a honeymoon bed, a Beijing bride in silk and sashes
Bondi beach, or Turkish palace floors, denim jeans and a cowboy shirt, crushed anil leaves running barefoot through cornflowers,
weaving between stalks of sunflowers spatter of egg yolk on the floor, lemon curd a school bus on the first day of school
olives in a bowl four-leaf clover fern spotted with spores

## Messages from Water ${ }^{3}$

The first frozen rain of autumn touches the aster, its sap blooming out of the stem, spiderwebbed tendrils of delicate ice-hair. Antarctica blows diamond dust sixty feet high, a spiral of rainbow through crystal. Fast ice catches arcs, attached to winter beaches. Drift ice radiates emerald from its base below the sea, mountain caps dome themselves at the top of the world.

Ice from messages. We pray for, sing to water, and its frozen crystals reflect our faces back to us.

[^1]
[^0]:    ${ }^{1}$ The 'Loculus of Archimedes' is a fourteen-piece dissection puzzle where all pieces must be used to create as many new shapes as possible; it is described as the problem that drives one mad.

[^1]:    ${ }^{3}$ Messages from Water, Volume 1 and Volume 2, by Masaru Emoto, make the claim that if humans direct their thoughts at water before freezing, the resulting ice will be beautiful if the thoughts are positive and ugly if the thoughts are negative.

