# Astronomy

Janet Kuypers 07/19/11 feature chapbook

### Orion

Winter evenings I would look for you. Dancing along the horizon. You were always fighting; the great bear to the north, the bull in the winter.

You were my favorite. whenever I could I would look for you: out my window, in my driveway. I remember a nebula lived in the center of your sword.

You, spending millennia fighting. You have taught me well. The other night, I looked out my window again; you were there, possibly receiving strength from me,

as I did so many years in you.

I have written about the constellation Orion, and

## Envision It in the Night Sky

it occurred to me that when you see these stars in constellations in the night sky, they're not right next to each other...

the closest star to our own is one hundred light years away i mean, there's an entire nebula representing one of the stars in the sword of Orion.

If you moved away from our planet, the whole concept of constellations as we know it would be lost: nothing in the Universe would appear as we envision it in the night sky.

### Travel Through Space

based on 2004 prose written for her show "Questions in a World Without Answers"

I love travel, and I love astronomy

I've got a star named after me, my name was on a CD on the Deep Impact Spacecraft that collided with Comet Tempel in 2005

I love outer space so much, but I don't think I'll actually

go

into outer space

And then it occurred to me: I have

consider this: all radio signals are shot out into space, they continue past our earth

I've been on WEFT, WZRD, WLUW, WSUM, WLS, even Q101

I wonder how far my voice has traveled into outer space by now

and consider this: all television programs are shot into outer space, too these signals get to the people on earth, but these signals continue to travel towards the ends of the universe

I've been on CBS news I've had poetry videos on television stations in Nashville and Chicago I've even danced on CAN-TV

I wonder what other stars have seen my poetry by now

I wonder if anything out there can decode our signals and understand what we're trying to tell them

### Moonlight / the Moon

Moonlight is a hypnotist putting people in a trance

Whenever you look at the moon moonlight takes over your sdoul

Nobody can stop it but no one wants to

# From Orpheus to Nuking the Moon

based on 2005 prose pieces "How Do I Get to the Moon" and "the Moon & Astronomy Talk" written for her show "How Do I Get There?"

scientists have have come up with theories in guessing how this planet got a moon that it may have formed off a collision with a rogue planet they call Orpheus and that when the moon first formed it was much, much closer to Earth than it is today that it may have been only 14,000 miles away and not at it's current almost 240,000 mile distance

NASA's Artist-in-Residence Laurie Anderson learned from scientists at NASA that during the cold war they considered setting off nuclear bombs on the dark side of the moon

because, you see, no one *sees* that side of the moon

but a stronomers now estimate that because of gravity's change the moon every year is a mile and a half farther away from the earth

If you remember the moon looking so big when you looked at it in the night sky when you were younger well, you may have been right

### Universe... Now In Color

so I heard the NASA artist in residence talk about the images we see from Hubble and I've seen these telescope photos the colors from galaxy clusters and nebulas is mind-boggling

but they explained that when images come in they are all digital a series of ones, a series of zeros and there's no color in the images at all

I mean, astronauts describe outer space as an amazingingly vast black void

so when people get the data from these images they imagine the heat radiating from these objects

I mean, you know, red is hot blue is cold

that they think about what looks best for the images

and I thought

but you know, this cluster looks perfect in pink and I think this galaxy should really be red this gamma ray burst looks great in green the clouds around this orange nebula look better in blue let's even show these planetary rings in green and purple I mean really, this is what they do?

i know these images in outer space are beautiful but I didn't know that they literally were an art form

Hubble takes pictures of objects in space with different filters to capture light rays the human eye can't see so when we get final full color images from Hubble they are nothing like what the Universe really is

outer space: abstract art

maybe imaging astronomy is actually existential art

### Eleven and Two, plus Eight

maybe I'm an observer like an astronomer looking out into the universe trying to understand what makes everything everything

maybe I'm meant to be an astronomer studying things colder than ice, far away

you know, Pluto is an aberrant ball of ice I don't know, I was taught it was a planet but then they told me no, it's not it's just a ball of ice from the Kuiper Belt

but molecule by molecule, we originate from stars

and now I know we are all linked, our bodies formed from stardust

but outer space is a violent place violent explosions create the stars and our earth has earthquakes, avalanches, volcanoes tsunamis, typhoons and in all of this madness somehow I found you I've survived the thunder and the lightning the blizzards, the hurricanes and the tornadoes I've lived through the drought I've survived it all I've even been dealt a near fatal blow

from humanity

and with you I have walked on the tops of glaciers crouching down from the violent winds looking down into the beginning of time with you I have watched solar storms and the geomagnetic aberrations of the Aurora Borealis from near the Arctic Circle

and we've looked at Venus through our telescope and I've watched you photograph Orion in the night sky

so with these observations,
I thee wed
because after all of my searching throughout the univserse
I've found what I've been looking for



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