

title -

SPECULATIONS ON THE NATURE OF SOCIETY IN STAR TREK'S 23rd CENTURY

author - Rodney Bartlett

abstract -

These ideas – about 1) a world of male-to-female transsexuals producing offspring (a world with only one sex – either male or female – may be disadvantageous: see asterisked addition to Content's 1st paragraph), 2) scientifically achieving immortal life, 3) intergalactic and time travel, 4) descendants who appear to be nonhuman ancestors, and 5) how to reap the benefits of a world without money - are adapted from my previous articles at http://vixra.org/author/rodney_bartlett. My reluctance about trying to write "scientifically" has been increasing for years, and has been very intense during the past couple of years. As the song (by the group REM) says, "I can't fight this feeling anymore".

content -

It's becoming more popular every year for men to turn into women. In 100 years, every person on Earth may be a woman or girl*. Most people want to get married. Women won't be able to marry men in the 22nd century if everyone's female (time travel to the past and future will be reality). So the females in century-22 will have to become lesbians and marry another woman ("Not that there's anything wrong with that", as an episode of the TV show Seinfeld once repeated many times).

* A couple of things worry me about living on the Femininity Planet. Women are very emotional, and also seem to have a greater desire to conform than men (if that's possible). Female brains have slightly larger limbic systems (the area associated with emotions), so the first tendency is perfectly normal. The second characteristic means women are inclined to be happier with the way things are, and have less desire – generally – to go off exploring the world or to develop controversial scientific theories that challenge what people believe. For the world to progress, it's essential that both kinds of people exist – those who live to explore/dream and the more down-to-earth ones who prefer to care for the home/accept the status quo (this is just generalizing – some men choose a quiet home life and some women travel around the world and beyond, constantly disputing ideas). On a personal note, I worry about living in an all-female world because of their emphasis on feelings. I've found it hard to deal with emotion all my life – it's extremely valuable to me, and indispensable, when channelled into an energy source for creative pursuits e.g. gaining new insights regarding science; but in most other circumstances, I'd find life easier without a limbic system.

Having kids is no problem. As “The Verge” reports at <http://www.theverge.com/2014/5/5/5684748/scientists-closer-to-turning-human-skin-cells-into-sperm-cells>,

“Scientists at Stanford University have successfully managed to reprogram human skin cells and turn them into sperm cell precursors. Their findings, published in the journal *Cell Reports* ([http://www.cell.com/cell-reports/pdf/S2211-1247\(14\)00264-2.pdf](http://www.cell.com/cell-reports/pdf/S2211-1247(14)00264-2.pdf)), show that skin cells of infertile men can be changed into stem cells and take on the characteristics of primordial germ cells when implanted in mice. While the development falls just short of creating viable sperm cells that can fertilize an egg, the news gives hope to the roughly 9 percent of men in the US suffering from infertility.”

(Note: those men live in the early 21st century.)

In the future, science will learn how to change a man into a woman completely. The change could be permanent (if so desired) because immortality will be reality. This is because everything in the universe and on earth (in all space-time) has an electronic nature at its most basic level. It's fundamentally mathematical, being composed of 1's and 0's. The electronics enables a mind to be downloaded and recorded from the brain it's a product of. Then it can be inserted into a clone of a person's original body, where it functions dynamically and not as a static “snapshot” from an unchanging brain. This process can be repeated over and over, or genetic engineering – or quantum entanglement with all space and time (see, for example, pages 7-8 of “New Physics Suggests Darwin's Origin of Species is Incomplete, and that Godlike Humanity Will Emerge” at <http://vixra.org/abs/1310.0170>) might make the clone immortal.

When a man becomes a complete woman, some of her skin cells can become sperm and fertilize an egg cell to make a baby. Even women who never have any form of contact with other women (I suppose extreme hermits will always exist) can have children by getting a medical robot (Dr. Bot) to fertilize her own eggs with the sperm made from her own skin.

After she's done all this, the lady (who used to be childless, and used to be male) needs a holiday. She flies literally instantly to a galaxy many billions of trillions of light years away (of course, the takeoff and landing procedures occupy a bit of time). She can fly trillions of light years because of the discovery – which was ignored for decades – that the universe is actually infinite, having no beginning or end in either time or space. This 13.8-billion-year-old thing that began in a big bang, and which we live in, is just one of an infinite number of “subuniverses”. She flies there instantly because a 2009 experiment found that light attracts and repels itself on microscopic scales, then electromagnetism was unified with gravitation, enabling quantum-size gravitons to attract. Since warps in space-time directly result from gravitons attracting, attraction to the degree of 100% makes space-time vanish, producing instant intergalactic travel as well as time travel to

the past or future.

On arrival at this place she'd never heard of before, she met some descendants of hers who had used time travel to populate the planet they inhabited about 500 million years after earth formed. Genetic engineering was required so they could live on the planet without artificial aids ... engineering that made them unrecognizable as humans. They didn't totally sever links with earth, however. Our 1969 moon landing was a worldwide sensation in a galaxy far, far away.

Best of all, there's no money in the 22nd century, She didn't have to dig into any reserves of the oppressive stuff to enjoy her trip. And the engineers who built the spaceship were immensely grateful, too. If money was a factor, even travelling outside a home galaxy would be virtually impossible due to the extraordinary cost. Money had been a necessity for thousands of years on earth. But thankfully, it was now as extinct as the dinosaurs and humans were free to explore the cosmos. What happened to the almighty dollar? People realized they had to continually improve their standard of living but that they didn't have to rely on money to improve their lives. They searched their souls and unearthed the noble trait of self-sacrifice. This allowed them to make compromises with one another, ensuring the raising of living standards via cooperation. Not only did this cooperation free humans to explore anywhere and anywhen in space and time, it rid the world of war, violence and every form of crime.
