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- (1) Chapter 6
  - (1.1) Sexuality and Society
- (2) Sex and the body
  - (2.1) Sex - gender
    - (2.1.1) Biological
      - (2.1.1.1) Genitals - reproduction
      - (2.1.1.2) Ovum - sperm
      - (2.1.1.3) Brain
    - (2.1.2) Secondary sexual traits
      - (2.1.2.1) Hips
      - (2.1.2.2) Breasts
      - (2.1.2.3) Muscle mass
      - (2.1.2.4) Body Hair
      - (2.1.2.5) Tonality of voice
- (3) Sexuality
  - (3.1) Intersexual (Hermaphrodites)
    - (3.1.1) Biologically both male and female
  - (3.2) Transsexual
    - (3.2.1) feels like one sex - is biological another
  - (3.3) Transgendered
    - (3.3.1) acts like/dresses like opposite sex (sort of a fetish)
- (4) Intersexuality in nature
  - (4.1) Organism with both/combination of primary sexual organs
    - (4.1.1) Frogs
      - (4.1.1.1) Frogs are vertebrates like us - similar endocrine systems - use the same hormones to control development
      - (4.1.1.2) Atrazine
        - (4.1.1.2.1) Makes leopard frogs intersexual in the wild and in the lab
        - (4.1.1.2.2) Hayes et. al. checked frogs and Atrazine levels at eight sites from Iowa to Utah.
          - (4.1.1.2.2.1) 92% of male frogs at sites contaminated with Atrazine had abnormal gonads.
          - (4.1.1.2.2.2) 33% of leopard frog tadpoles developed mixed gonads when exposed to 0.1 p.p.b. Atrazine which is well below typical environmental levels.
          - (4.1.1.2.2.3) The same happened with male African clawed frogs.
- (5) Poisoning Frogs Are People Next?
  - (5.1) By Lori Luechtefeld | Nov 1, 2002
  - (5.2) Findings by the University of California, Berkely link the pesticide

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atrazine to sexual mutations in frogs

- (5.3) Environmental Protection Agency (EPA) is considering a three- to four-fold increase for atrazine stan.....
- (6) Atrazine-Induced Hermaphroditism at 0.1 ppb in American Leopard Frogs (*Rana pipiens*) Laboratory and Field Evidence Tyrone Hayes, Kelly Haston, Mable Tsui, Anhthu Hoang, Cathryn Haeffele, and Aaron Vonk
- (7) Cultural Issues
  - (7.1) Sexual Practices - cultural traditions
    - (7.1.1) Approaches and positions
    - (7.1.2) Modesty
    - (7.1.3) Restrictions
  - (7.2) The Incest Taboo
    - (7.2.1) Forbidding sexual relations between relatives
    - (7.2.2) In every society
    - (7.2.3) Function --need to know these four for test
      - (7.2.3.1) Gene pool strong
      - (7.2.3.2) Limits sexual competition within families
      - (7.2.3.3) Limits confusing kinship
      - (7.2.3.4) Integrates larger society
  - (7.3) Don't get confused:
    - (7.3.1) --incest: just means "having sex with close relative"
    - (7.3.2) --taboo: adds the "bad/don't do this" part
- (8)