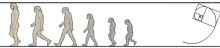


The Human Animal



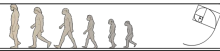
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Estrus and Signs of Fertility

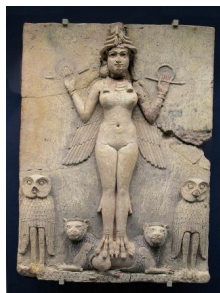


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Assessing Women's Fertility

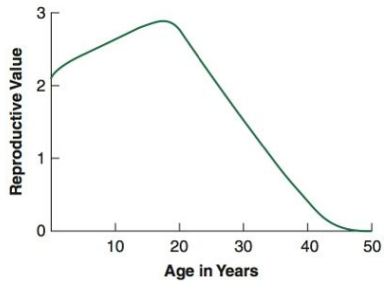
- Fertility cannot be assessed directly
- Reproductive Value
 - # of offspring likely to have in the future
- Cannot be known exactly either but correlates strongly with certain cues



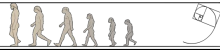
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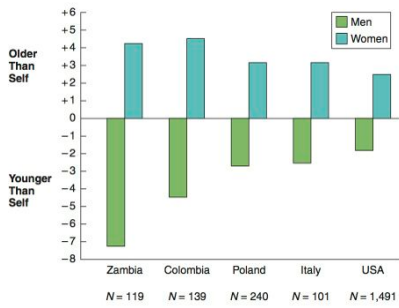
Reproductive Value and Age



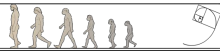
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Preferred Age Difference



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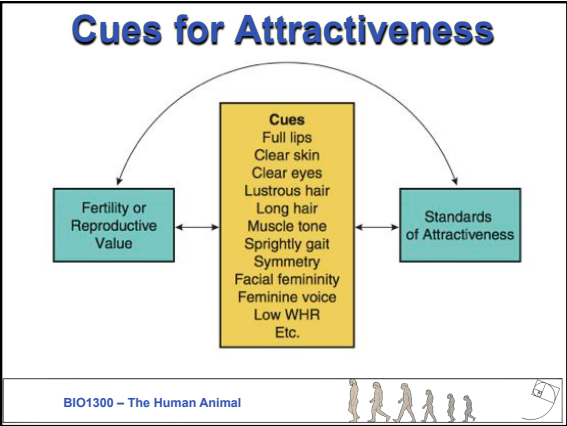


Age Preference in Teens



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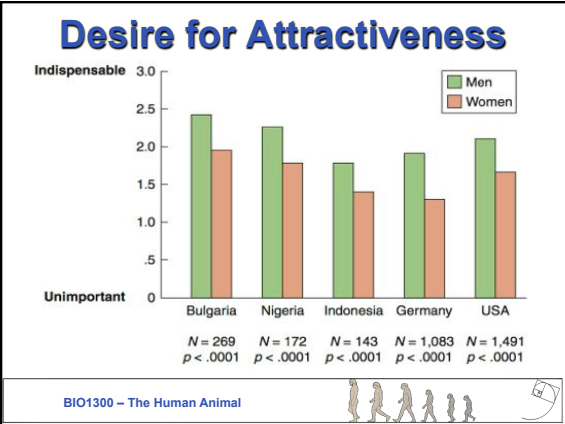




Femininity and Youthfulness

- Fullness of lips, large eyes, thin jaws, small chin, high cheek bones
- High voice, short sprightly gait
- All are associated with higher estrogen levels
- All are features that are gradually lost with age

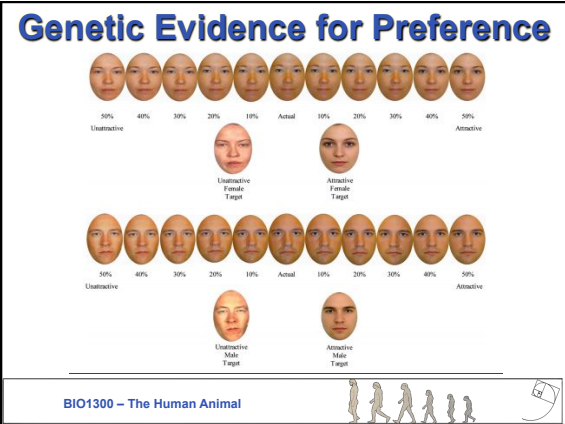
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Genetic Evidence for Preferences

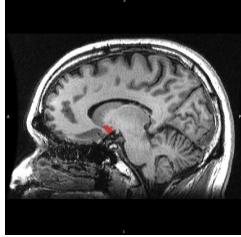
- Emerges early in life
- Presented with more or less attractive faces, infants stared longer at attractive ones
- No communication or training possible
- Shows innateness

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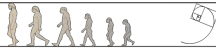


Neurophysiology of Attractiveness

- Heterosexual males hooked up to fMRI
- Shown pics of
 - Attractive vs. unattractive female faces
 - Attractive vs. unattractive males faces
- Only attractive female faces cause nucleus accumbens to light up

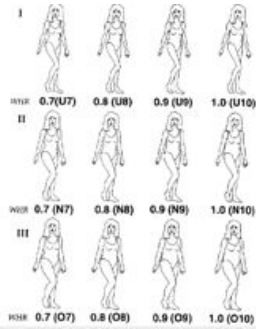


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Body Attractiveness

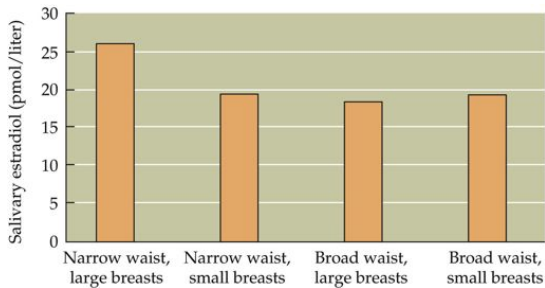
- Preference for body weight varies according to resource availability
- However, overall a low waist-to-hip ratio is preferred
- Big hips suggest good birthing potential
- Thin waist implies not pregnant



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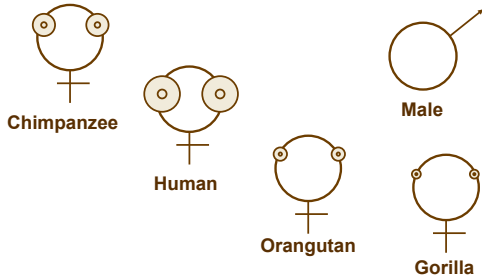
Selection for Fertility



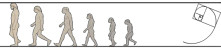
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Human Breasts as Secondary Sexual Characters



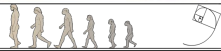
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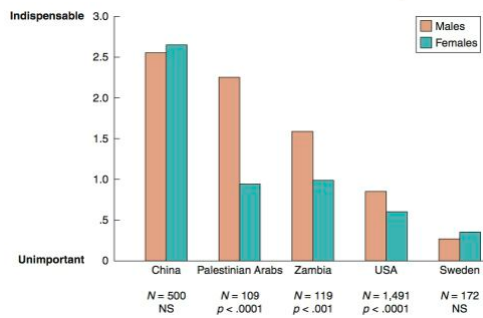
Selection for Fertility



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Desire for Chastity



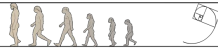
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Mate Guarding



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Marriage as Mate Guarding



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Male Benefits from Marriage

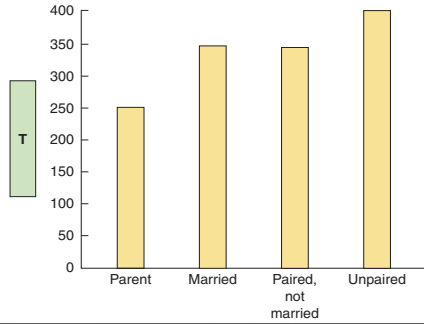
- Acquire a mate and/or a better quality mate
- Increase certainty of paternity
- Increase survival success of offspring
- Increase reproductive success of offspring through paternal investment
- Gain allies through family coalition



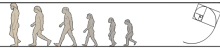
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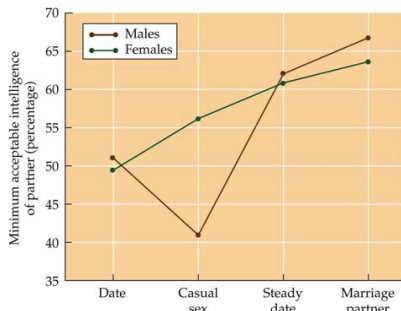
Testosterone and Relationships



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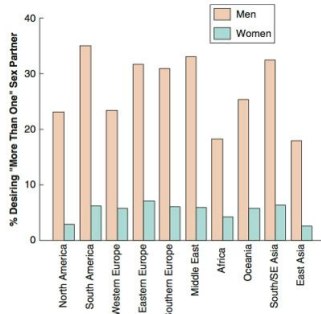
Conditional Strategy



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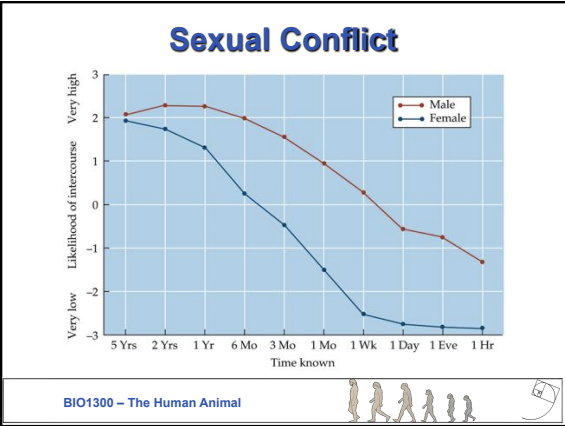


Sexual Conflict

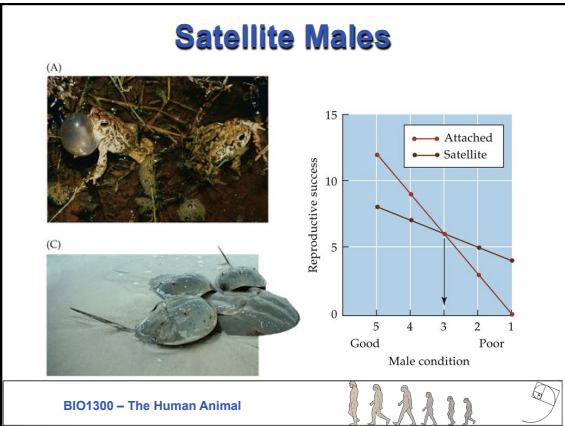


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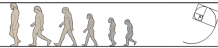




Sexual Conflict: Coercive Sex



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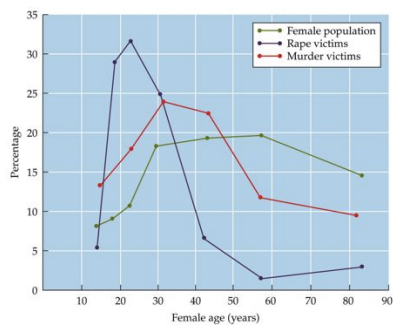
Winning by Losing



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Sexual Conflict: Coercive Sex



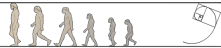
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Humans Murder Each Other



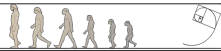
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Tribal Murder and Warfare



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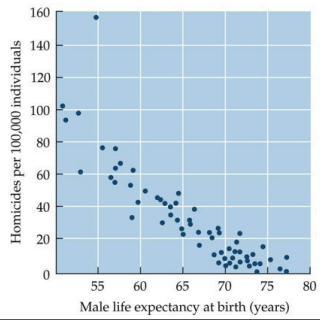
The Sexy Bonobo



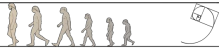
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Why Humans Murder?



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The Solution?



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