

Psychology Midterm #2 Cheat Sheet by kateleschyshyn via cheatography.com/167377/cs/35026/

Genetic and Evolution

Theory of evolution

mid 1800's, how the mind works, nonmaterial mind

Charles Darwin

natural selection and fitness

Natural selection is a theory developed through Darwins observations of the fitness of species characteristics to its environment

mind = produce of the nervous system

evolution is a slow process

fitness = organisms that are going to survive

natural selection ability for a species to adapt to their environment, find food and water, and mate in order to stay alive long enough to pass on genetic traits favorable to that setting

First Brain Cell

first brain cell: 700 mya

cell moving towards heat or light

starts getting collection of brain cell to work together and produce basic brain function

first brain cell: 250 mya

first primate brain: 7 mya

Evolutionary Adaptation

survival	reprod-	intras-	inters-
adaptation	uctive	exual	exual
	adaptation	compet	selection
		ition	

Evolutionary Adaptation (cont)

obtain	passing	passing	in this
food for	on genes	on genes	process if
yourself	to the	with a	member
	next	greater	of one sex
	genera-	frequency	are
	tions	due to	attracted
		their	to certain
		associ-	qualities
		ation with	in greater
		greater	numbers,
		mating	simply
		success	because
			their
			possessor
			mate
			more

physical	some	males	female
traits	genes	competing	can select
	less	with other	the winner
	useful,	males to	
	but are	win	
	needed	female	
	for	over	
	reprod-		
	uction		

camo

uction		
make an animal more desirable to the	pressure on males	which one has the better genes/- traits
opposite sex		

often

example: not always a physical peacock deal lowers their rate of survival but attrack female

example: satin bird



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