

Bio-psychology

File 10 - d

79

G.G. Simpson, Biology & Man

L17

5/6 Living processes, can be reduced completely to those of physics.
6 = totally comprehensible in chemical terms.

↳ Same development in Psychology. (Neglect of the living).
Psy. and psychology deal with the living.

7 evolv. biology goes beyond principles in ferret of non living substances without becoming any thing other but naturalistic.

7. The simplest living organism enormously more complex than any organ inorganic system. Difference lies in complexity + the kind of structural-functional assembly.

8. Physical sciences by logical & idealistic - objects as in variant types.

↳ Psychology of person - never same object object. = but behavior apparently the same

9. No two organisms are ~~the~~ exactly alike. Their different part of their nature as organism. (hand made & machine made things.)

9. Physical sciences are more historical. → instrumentalism & behaviorism. (Behavior = machine made.)

9. Biology + a study of living things. "inherently of always has a historical factor & the physical principles of repeatability, predictability, & parity of prediction & explanation do not apply to the historical aspects of biology."

10. it states (prediction) or in constant change, each derived from every thing that went on before & conditioning everything that will follow.

11. In biology, teleological standpoint permissible.

11 Psychology similar scheme.

15. Belief that specification of organism written genes (DNA) is not proven



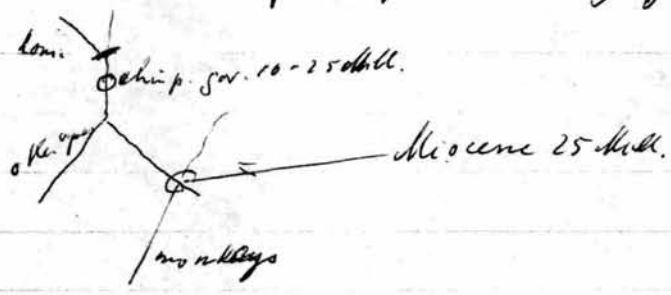
66. Science is an exploration of the material universe that seeks natural, orderly relationships among observed phenomena and that is self-testing.

(Not even Aristotle deserves the name of a scientist) assumption in pre-17th c: the phenomena of the universe do have natural & orderly relationships.

80 Question: what is man? can not be fully answered by biology - or even by a scientific study - if ever?

81 man closely related to apes, especially chimps. & gorillas (chromosomes etc.) Common ancestor of apes & man vs ape.

82 we have common ancestor with apes & gorillas & chimps. after this ancestry we become distinct from the other living apes.



§ primate
Final split between pre-human & chimp. lineage of key & loss occurred 10-25 Mill. ago.

earliest spec. of pre-human line - Ramapithecus & Kenya pithecus & pre or take a pre-antiquity 10 000 000.