

ANCESTRAL SERIES OF THE HUMAN PEDIGREE.

M N = Boundary between the Invertebrate and Vertebrate Ancestors.

<i>Epochs of the (Organic History of the Earth.</i>	<i>Geological Periods of the Organic History of the Earth.</i>	<i>Animal Ancestral Stages of Man.</i>	<i>Nearest Living Relatives of the Ancestral Stages.</i>
I. ARCHILITHIC OR PRIMORDIAL EPOCH	1. Laurentian Period 2. Cambrian Period 3. Silurian Period (Compare p. 22, and Plate XIV. and its explanation)	1. Monera (Monera)	{ <i>Protogenes</i> <i>Protamœba</i>
		2. Single-celled Pri- mæval animals	{ Simple Amœbæ (<i>Automœbæ</i>)
		3. Many-celled Pri- mæval animals	{ Communities of Amœbæ (<i>Synamœbæ</i>)
		4. Ciliated planulæ (<i>Planœada</i>)	{ Planula larvæ
		5. Primæval Intes- tinal animals (<i>Gastrœada</i>)	{ Gastrula larvæ
		6. Gliding Worms (<i>Turbellaria</i>)	{ <i>Rhabdocœla</i> <i>Dendrocœla</i>
		7. Soft-worms (<i>Scolecida</i>)	{ ? Between the Sea- squirts and Gliding worms
		8. Sack worms (<i>Himatega</i>)	{ Sea-squirts (<i>Ascidia</i>)
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		9. Skull-less (<i>Acrania</i>)	{ Lancelets (<i>Amphiox</i>)
		10. Single-nostriled (<i>Monorrhina</i>)	{ Lampreys (<i>Petromyzonta</i>)
II. PALÆOLITHIC OR PRIMARY EPOCH	4. Devonian Period 5. Coal Period 6. Permian Period	11. Primæval fish (<i>Selachii</i>)	{ Sharks (<i>Squalace</i>)
		12. Salamander fish (<i>Dipneusta</i>)	{ Mud fish (<i>Protopteri</i>)
		13. Gilled Amphibia (<i>Sozobranchia</i>)	{ (<i>Proteus</i>) Axolotl (<i>Siredon</i>)
		14. Tailed Amphibia (<i>Sozura</i>)	{ Water-newts (<i>Tritons</i>)
III. MESOLITHIC OR SECONDARY EPOCH	7. Trias Period 8. Jura Period 9. Chalk Period	15. Primæval Am- niota (<i>Protamnna</i>)	{ ? Between the Tailed- Amphibia and Pri- mary mammals
		16. Primary Mam- mals (<i>Promammalia</i>)	{ Beaked animals (<i>Monotrema</i>)
		17. Pouched animals (<i>Marsupialia</i>)	{ Pouched rats (<i>Didelphys</i>)
IV. CENOLITHIC OR TERTIARY EPOCH	10. Eocene Period 11. Miocene Period 12. Pliocene Period	18. Semi-apes (<i>Prosimia</i>)	{ Lori (<i>Stenops</i>) Maki (<i>Lemur</i>)
		19. Tailed Narrow- nosed Apes	{ Nose aes Holy apes
		20. Men-like Apes or Tail-less Narrow- nosed Apes	{ Gorilla, Chimpan- zee, Orang, Gibbon
		21. Speechless Men or Ape-like Men	{ Deaf and Dumb, Cretins or Micro- cephali
V. QUATERNARY EPOCH	13. Diluvial Period 14. Alluvial Period	22. Talking Men	{ Australians and Papuan