

1. *Equus*, late Pliocene. Common horse, feet reduced to central series of bones (middle finger and toe), a pair of "splints" to represent second and fourth digits.
2. *Pliohip'pus*, middle Pliocene. Smaller, central digital series more slender; splints more elongated; crown of upper molars shorter, and crescentic areas simpler.
3. *Protohip'pus*, early Pliocene. Size of Ass; central digital series still more slender; splints terminated by dangling hooflets; ulna long as arm, but slender; fibula rudimentary; crowns of molars much shorter.
4. *Miohip'pus*, of late Miocene. Size of sheep; three functional toes before and three behind; small splint of fifth digit, before; ulna distinct, long as radius, but very slender at lower end; fibula co-ossified with tibia at lower end; molar crowns decidedly short; enamel folds much simpler than in horse.
5. *Mesohip'pus*, of oldest Miocene. Size of sheep; three functional toes before and three behind, but more nearly equal than in *Miohippus*; large splint of fifth digit, before; radius and ulna distinct, and also tibia and fibula.
6. *Orohip'pus*, of middle Eocene, of Wyoming and Utah. Size of fox; four functional toes before and three behind; ulna complete and distinct from radius; tibia and fibula also distinct; molar crowns exceedingly short; enamel pattern simple.
7. *Eohip'pus*, of oldest Eocene, of New Mexico. Size of fox; four functional toes before and three behind; rudiments of outer or fifth toe behind, and hence, probably, of first digit before; hoofs mere thick, broad and blunt claws; molars less specialized than in *Orohippus*, without cement.

The affinities, gradations, and successions thus indicated are facts of observation; they depend on no theory of organic history. They simply show that each type of the past possessed characters which related it to organisms yet future. There was retrospect; there was anticipation. The past was bound to the present; the present, to the future. History was a constant unfolding of that which was contained in the past. Progress was a perpetual fulfillment of prophecy.