

PRIMATE MORPHOLOGY MATRIX: Distribution of Primate Skull and Dental Attributes

| <u>TRAITS:</u> | <u>SPECIES</u> ---> | I | II | III | IV | V | VI | VII |
|----------------------------------|---------------------|-----------|-----------|------------|-----------|-----------|-----------|-------------|
| 1. 2:1:2:3 dental formula | | yes | yes | yes | yes | yes | no | no |
| 2. Y-5 molar cusp pattern | | yes | yes | yes | yes | no | no | no |
| 3. non-projecting canine teeth | | yes | no | no | no | no | no | no |
| 4. dental “comb” | | no | no | no | no | no | no | yes |
| 5. fused mandible | | yes | yes | yes | yes | yes | yes | no |
| 6. fused metopic suture | | yes | yes | yes | yes | yes | yes | no |
| 7. frontal-sphenoid suture | | yes | yes | yes | yes | yes | no | not applic. |
| 8. auditory meatus ear structure | | yes | yes | yes | yes | yes | no | no |
| 9. enclosed eye orbits | | yes | yes | yes | yes | yes | yes | no |
| 10. centered foramen magnum | | yes | no | no | no | no | no | no |

KEY TO NUMERICAL CODE FOR THE SEVEN SPECIES

| | | | |
|-----|-----------------------------|-----|--|
| I | Humans | V | Rhesus monkeys (an Old World monkey form) |
| II | Chimpanzees | VI | Squirrel monkeys (a New World monkey form) |
| III | Gorillas | VII | Lemurs (a prosimian form) |
| IV | Gibbons (a lesser ape form) | | |