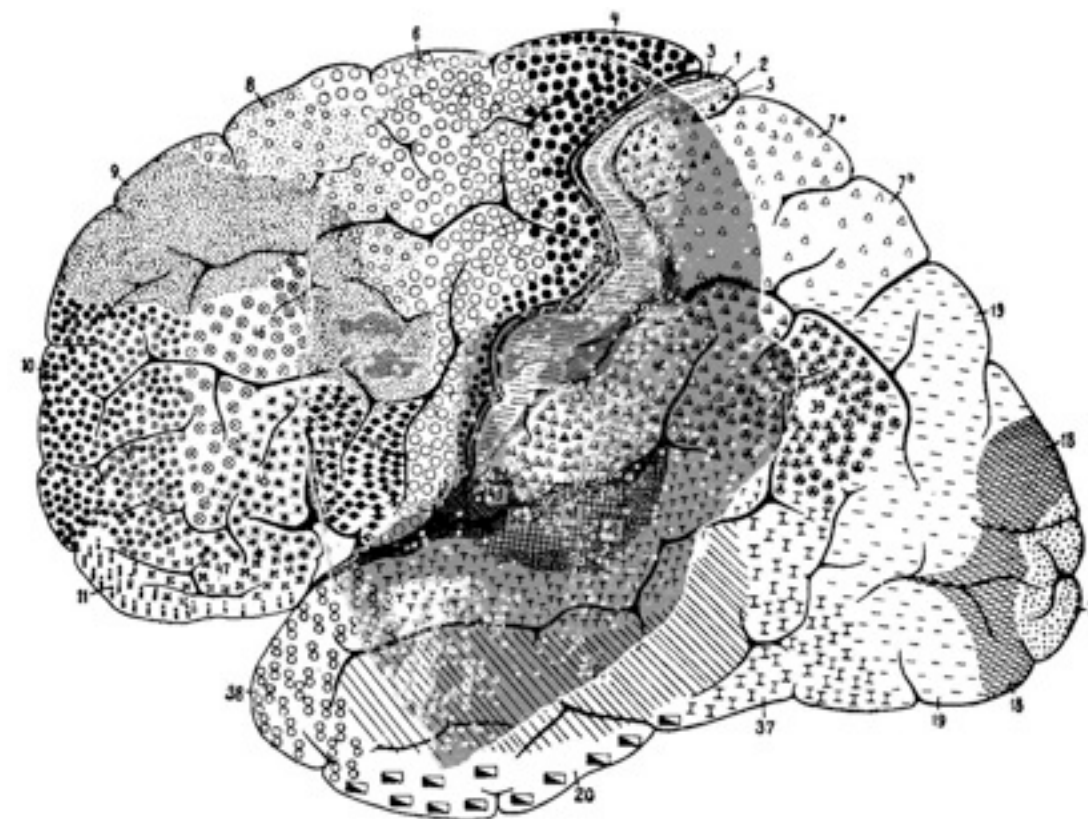
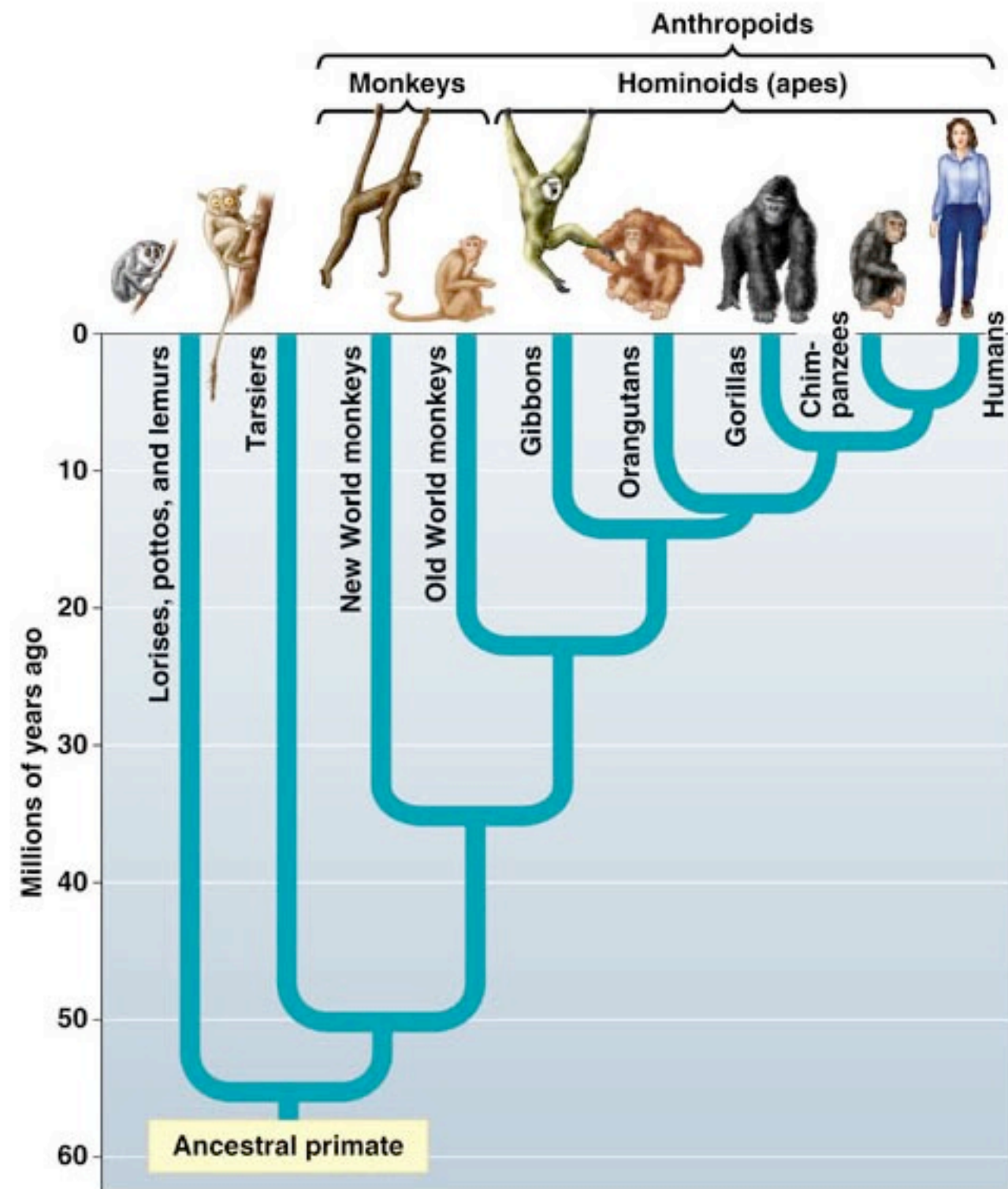
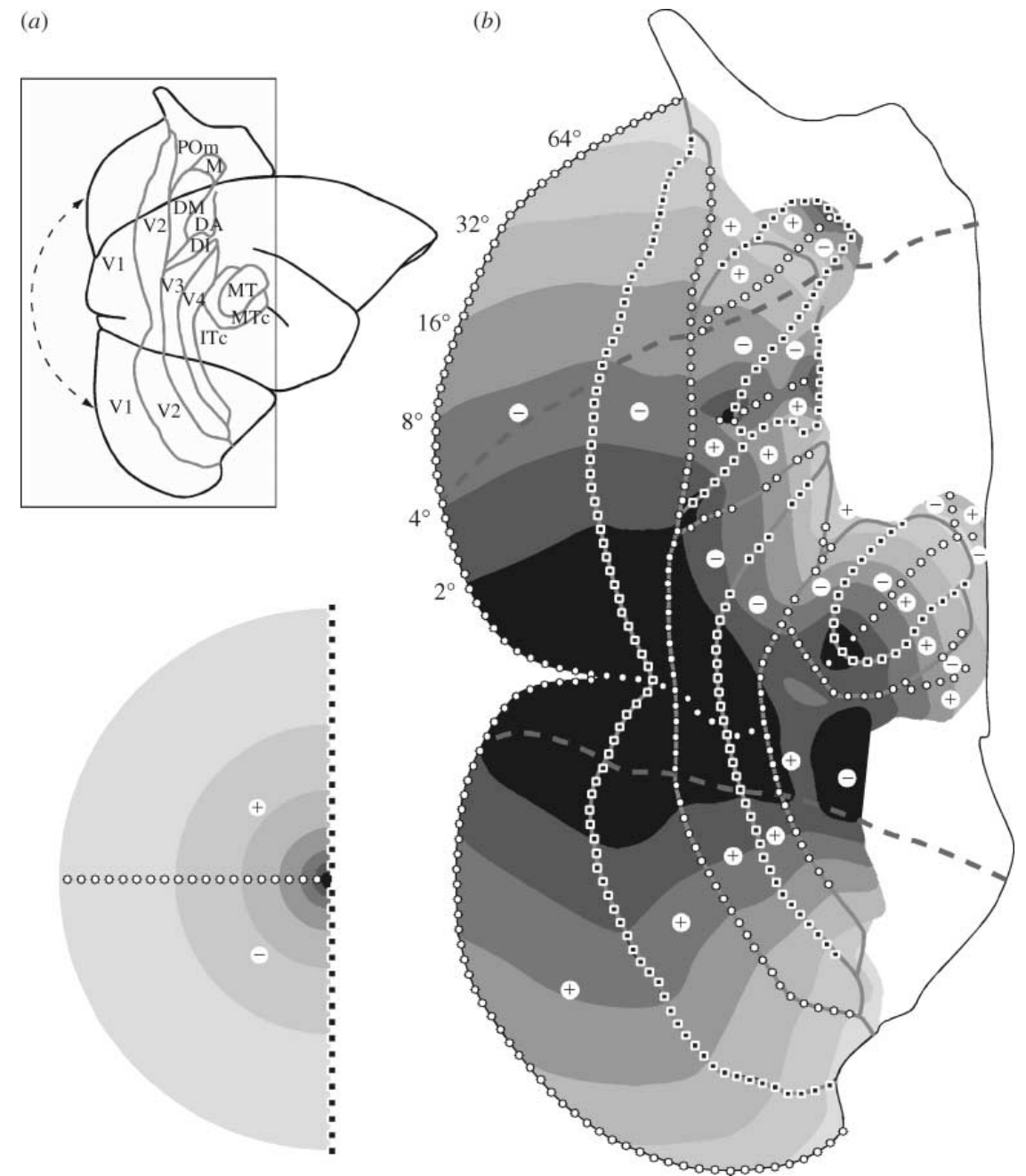
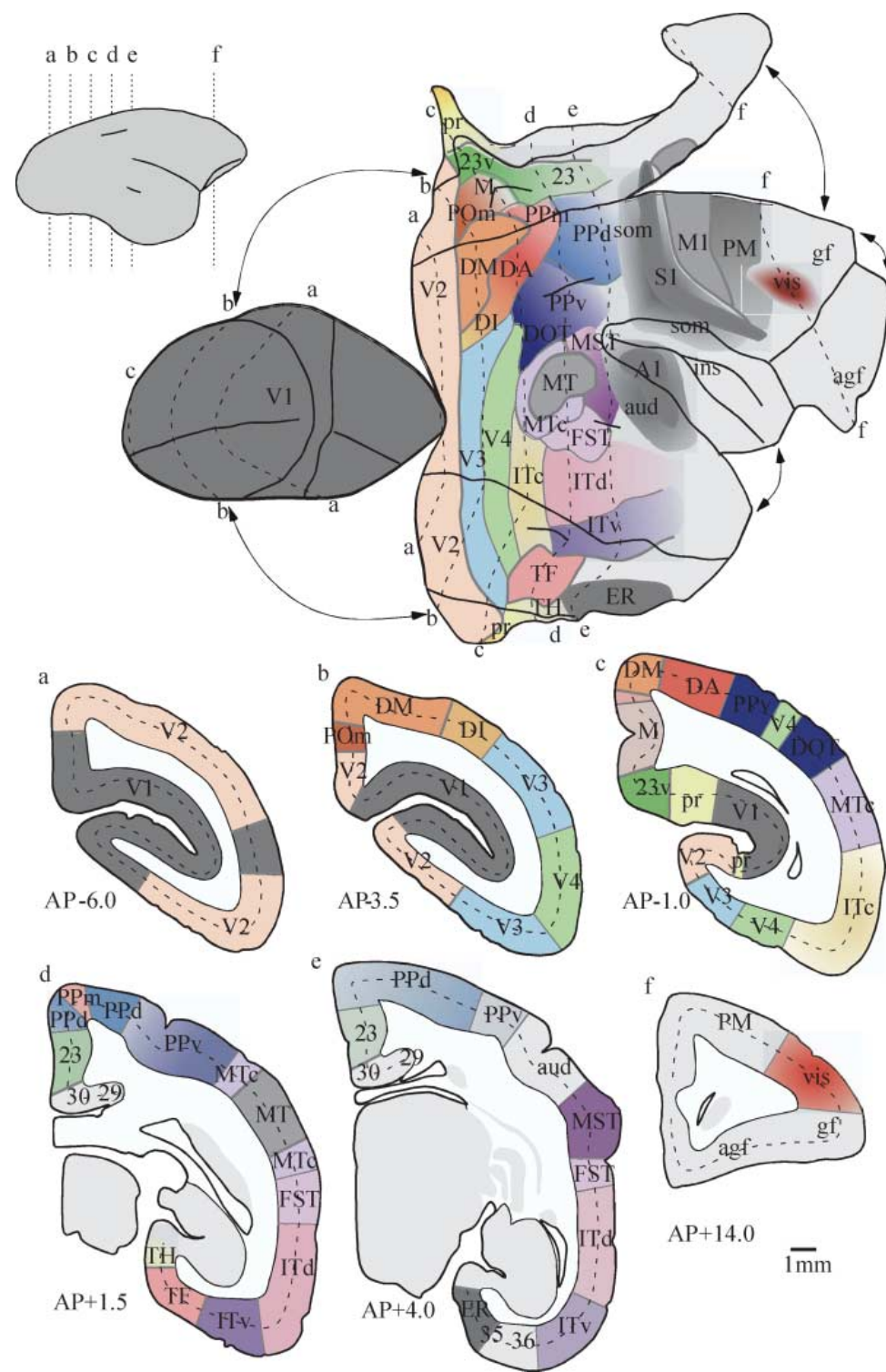


Campbell: 14



Brodmann: 52





Interesting case of ocular dominance

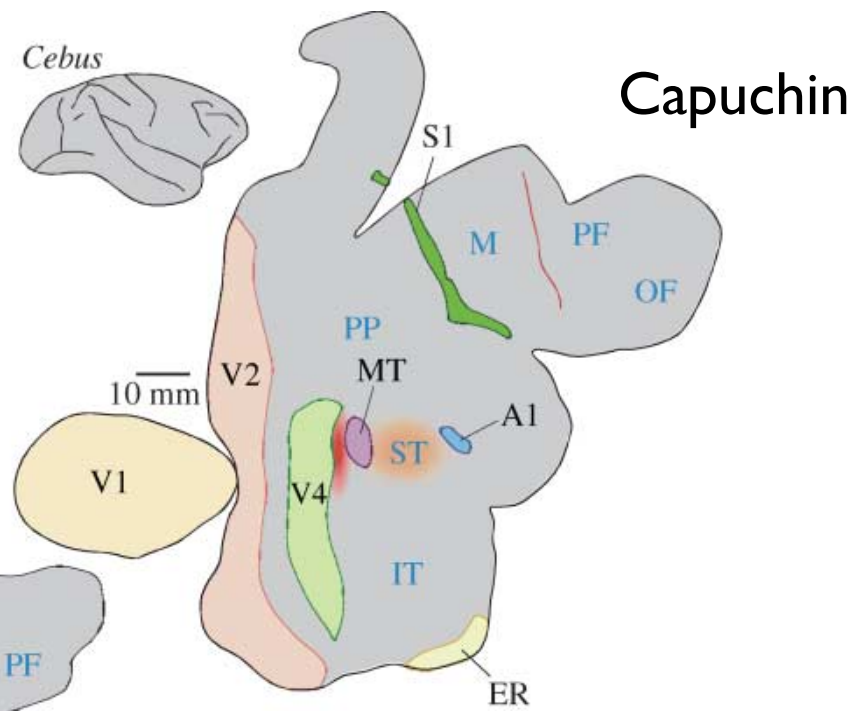
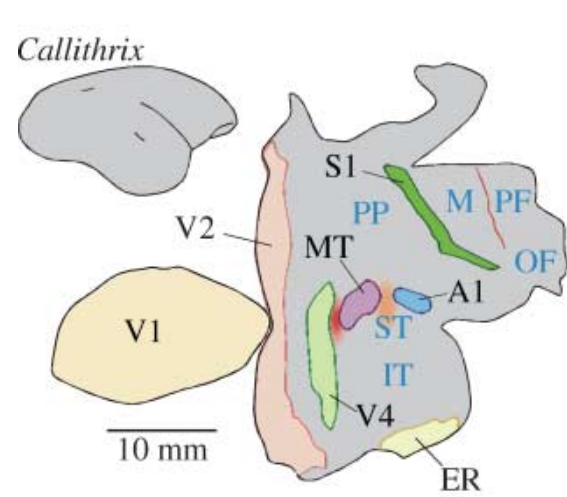
- Old world with similar brain size
- smaller New world: less sharp, more fragmented and even absent => might be related to interocular separation

Homology versus
Analogy:
Hard to dissociate

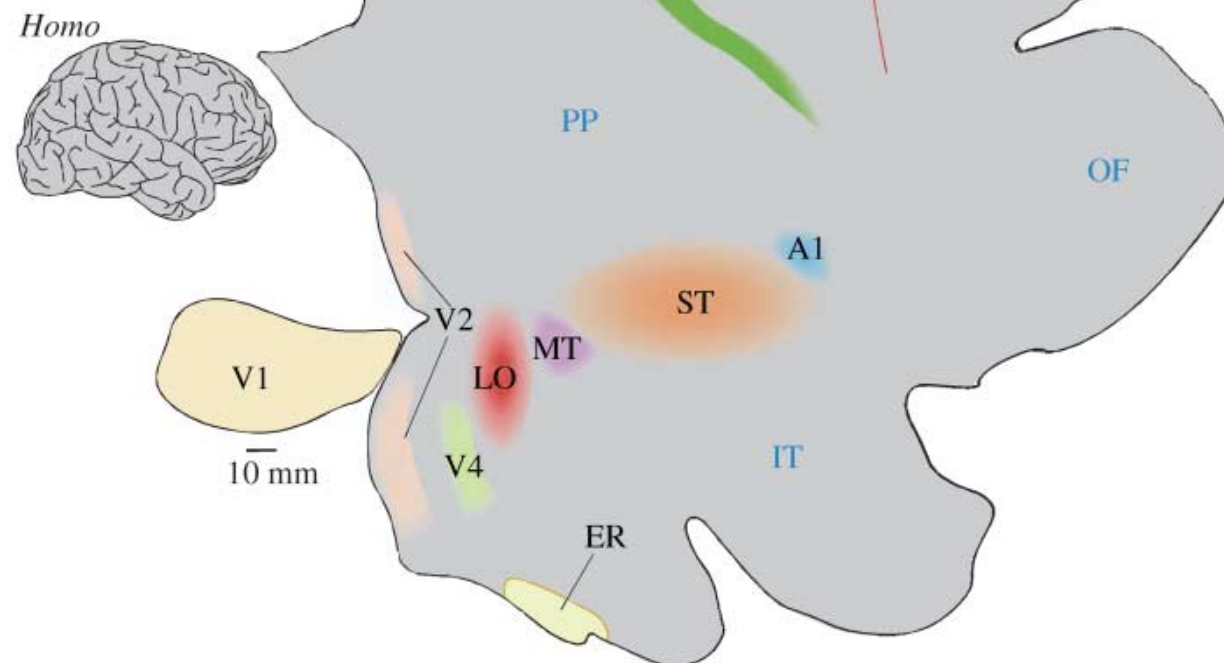
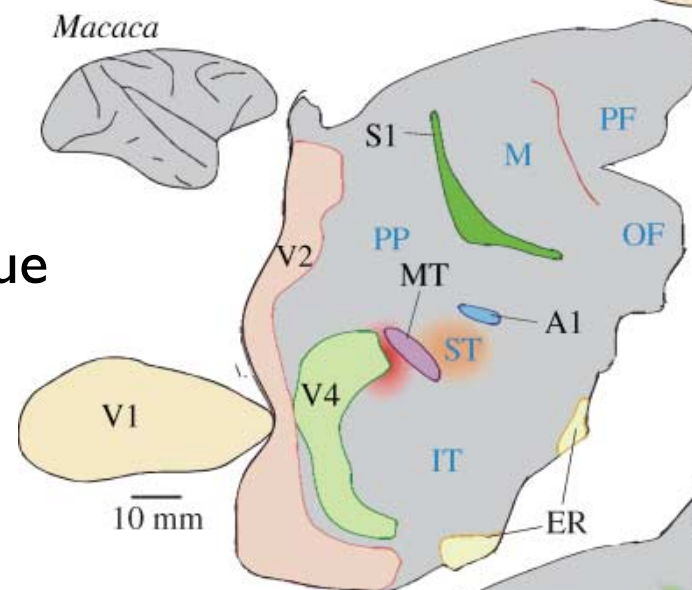
- Except for primary sensory motor no sharp border -> anchors?
- Molecular gradients and activity dependent procedures

- Posterior parietal
 - primates many more divisions
 - less divisions in marmosets than macaques
- MT
 - present in cats, flying foxes and rodents
 - based on location relative to v1/v2, visuotopy, dense myelination and motion selectivity
 - cats: no myelination
 - flying foxes no direction selectivity

Marmoset



macaque



Progenitor cell divisions

- symmetric non-terminating
- asymmetric
- symmetric terminating mode

Case of MT

