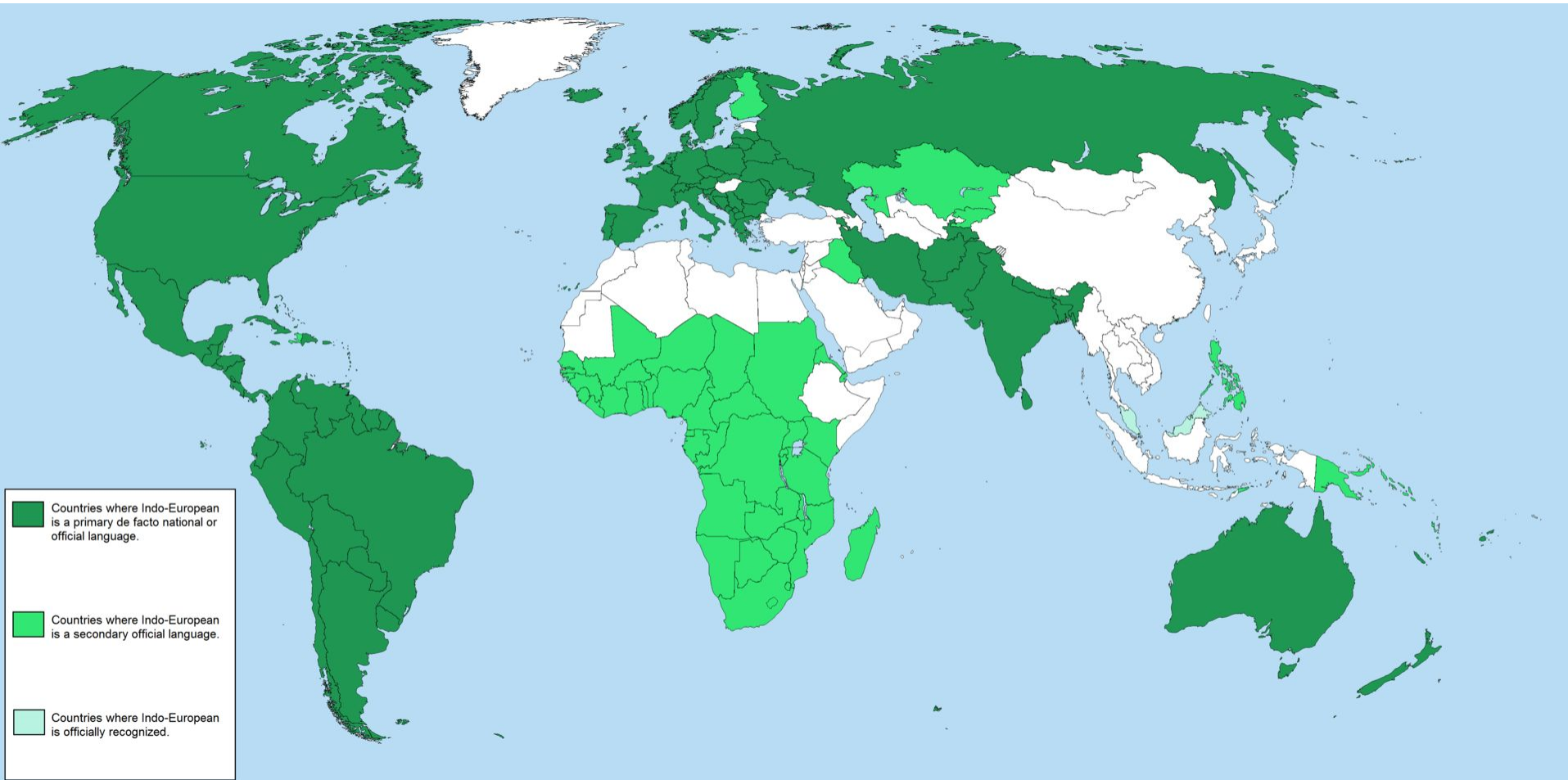
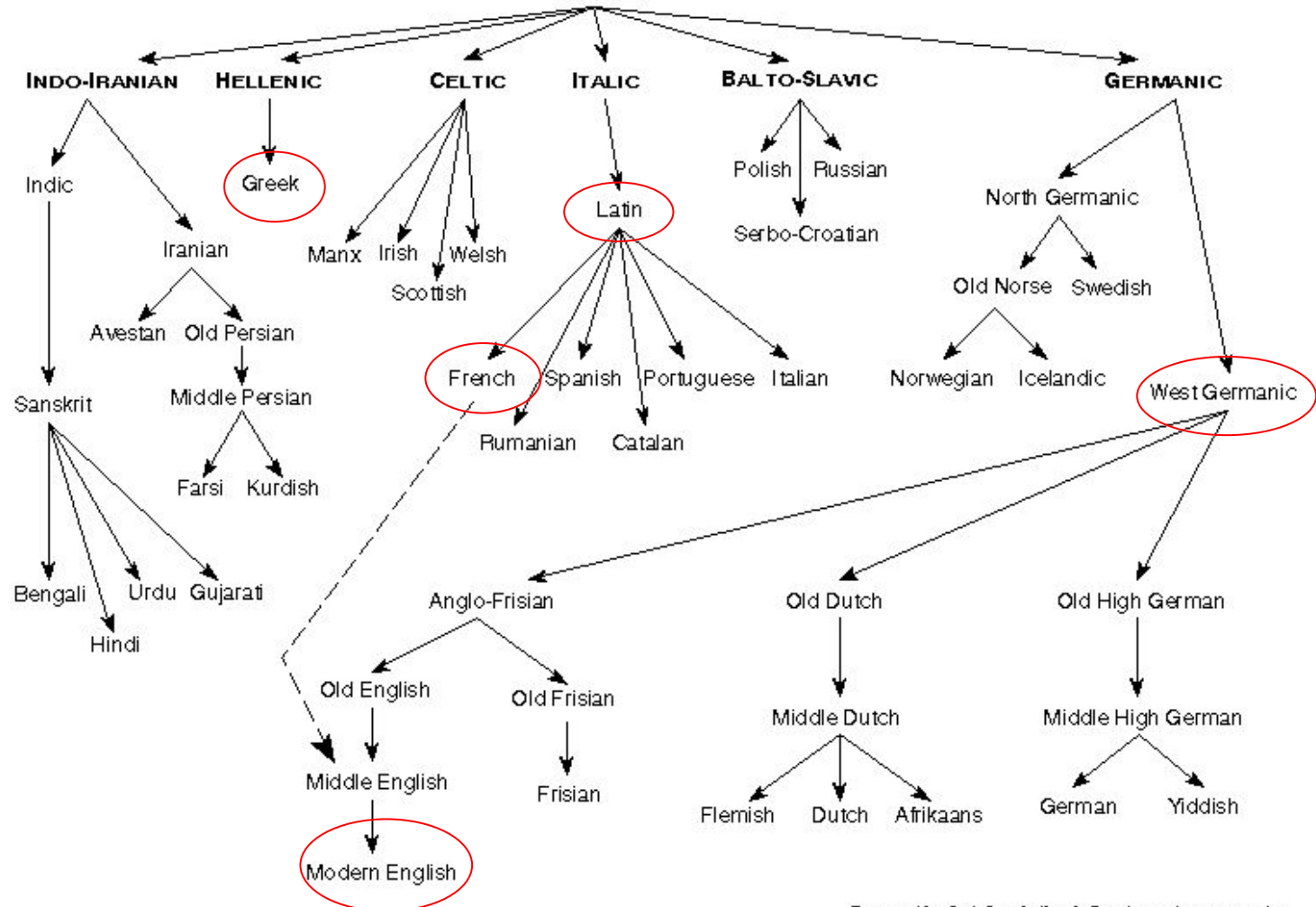


Branches of Indo-European



Proto-Indo-European



Words for Mother

- English: Mother
- German: Mutter
- Spanish: Madre
- Swedish: Moder
- Ancient Greek: Μῆτηρ (Mētēr)
- Latin: Mater
- Farsi: مادر (Mâdar)
- Sanskrit: मातृ (Mātár)

Assimilation and Vowel Grades

Assimilation

- Consonants in a consonant cluster become **similar** in order to make pronunciation easier.
 - "Assimilation" = "ad" (towards) + SIMUL- (similar)
 - "Adsimulation" assimilates to assimilation
 - "In" (not) + POSS- (to be able) = "impossible"

Vowel Grades

- From Indo-European
- Sing, sang, sung
- Explains multiple bases from each root
 - BALL-, BOL-, -BLE, “to throw,” “to put”
 - STOL-, STAL-, -STLE, “to send,” “to contract”
- Can be **zero grade**
 - Contractions (could not → couldn't)
 - Roots from *ballein* (to throw)
 - **ballistic**
 - **emblem** (zero grade)