


Philology


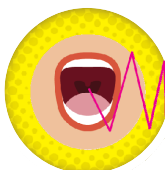
Studying Changes



Philology

Looking at old texts

- Looking for noteworthy signifier/signified links




Signifier

Noise, writing on the page

Signified

Concept

superstratum



Paper: wenchlawang/iStock/Thinkstock, Mouth: Vector Story/iStock/Thinkstock, Brain: kraphix/iStock/Thinkstock

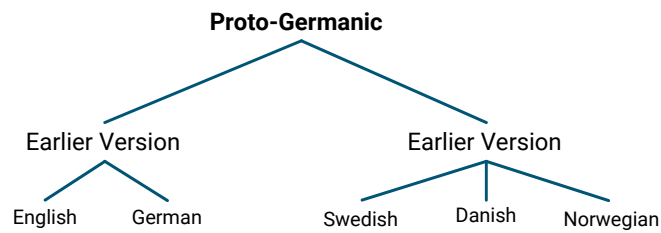
Studying Changes



Philology

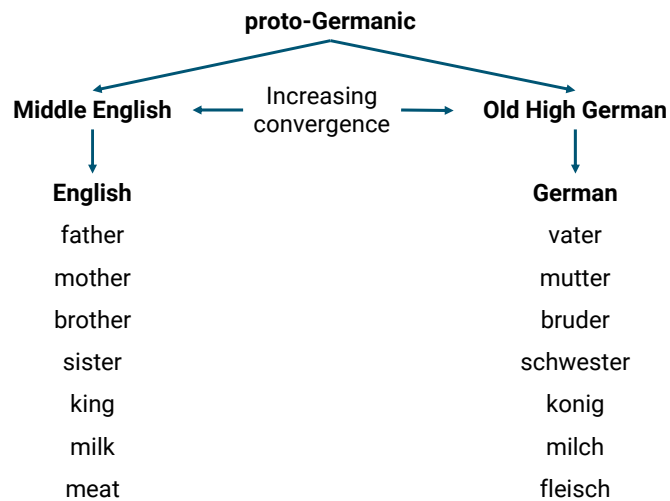
Looking at old texts

- Looking for noteworthy signifier/signified links
- Compare/Contrast



Paper: wenchiaawang/iStock/Thinkstock

Reconstruction



Grimm's Law

| Germanic | | | Non-Germanic | |
|---------------|---------------|--------|--------------|--------------|
| English | | German | Latin | Sanskrit |
| Modern | Old | | | |
| <u>father</u> | <u>faeder</u> | vater | <u>pater</u> | <u>pitar</u> |
| mother | modor | mutter | mater | matar |
| fish | fisc | fisch | pisces | patan |

[f]

[p]



Grimm's Law

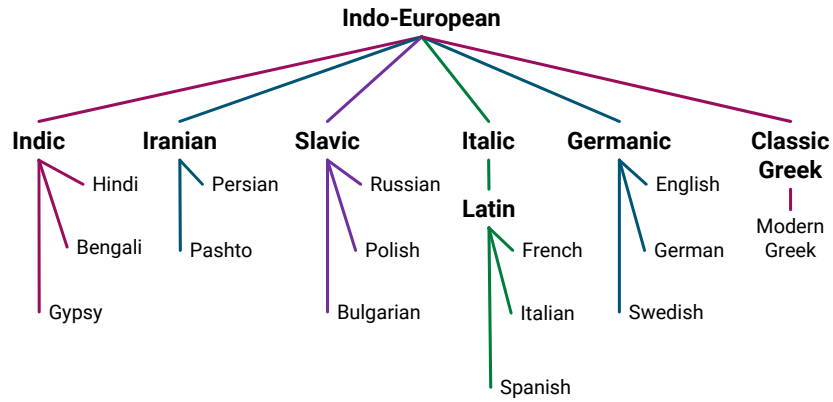
| Germanic | | | Non-Germanic | |
|---------------|---------------|--------------|--------------|--------------|
| English | | German | Latin | Sanskrit |
| Modern | Old | | | |
| <u>father</u> | <u>faeder</u> | <u>vater</u> | <u>pater</u> | <u>pitar</u> |
| <u>mother</u> | modor | mutter | <u>mater</u> | matar |
| fish | fisc | fisch | pisces | patan |

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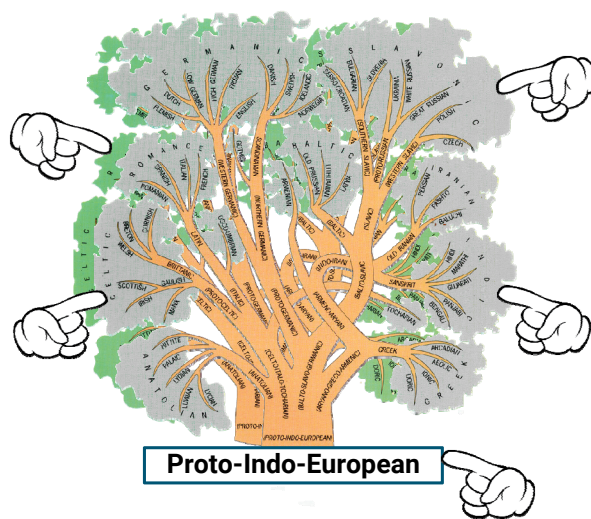
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Indo-European Family



Indo-European Family



Tree: McDowell Crook/Flickr; Hand: Noedelhap/iStock/Thinkstock

Indo-European Family

*Proto-Indo-European

English

*pH₂tér

father

*tríH₂

three

*ped-

foot

*dékm̥t

ten

*dk̥m̥-tóm

hundred (note the relation to *dékm̥t)

*wiH-ro

man

*bhréH₂ter-

brother

*sen-

old

*bher-

carry

*g^wH₃wo

alive



Language Families



North and Central America

Caddoan, Chimakuan, Coahuiltecan, Eskimo-Aleut, Gulf, Hokan, Huavean, Iroquoian, Keres, Kiowa-Tanoan, Mayan, Misumalpan, Mixe-Zoque, Muskogean, Na-Dene, Oto-Manguean, Penutian, Salishan, Siouan, Subtiaba-Tlapanec, Totonacan, Uto-Aztecan, Wakashan, Yuki



South America and the Caribbean

Alaculufan, Araucanian, Arawakan, Arutani-Sape, Aymaran, Barbacoan-Paezan, Cahuapanan, Carib, Chapacura-Wanham, Chibchan, Choco, Chon, Jivaroan, Katukinan, Lule-Vilela, Macro-Ge, Maku, Mascoian, Mataco-Guaircuru, Mosetenan, Mura, Nambiquaran, panoan, Peba-Yaguan, Quechuan, Salivan, Tacanan, Tucanoan, Tupi, Uru-Chipaya, Witotoan, Yanomam, Zamucoan



Africa, Europe, and Asia

Afro-Asiatic, Altaic, Andamanese, Austro-Asiatic, Austronesian, Basque, Chukotko-Kamchatkan, Daic, Dravidian, Hmong-Mien, **Indo-European**, Japanese, Niger-Congo, Nilo-Saharan, NorthCaucasian, Sino-Tibetan, SouthCaucasian, Uralic, YeneseiOstyak, Yukaghir

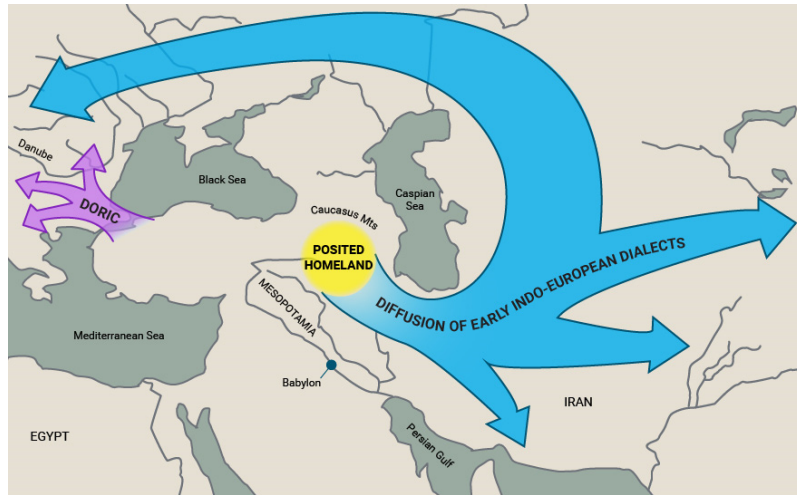


Pacific

Amto-Musan, Australian, EastBird'sHead, EastPapuan, English-TahitianCant, GeelvinkBay, Kwomtari-Baibai, LeftMay, Sepik-Ramu, Sko, Torricelli, Trans-NewGuinea, WestPapuan

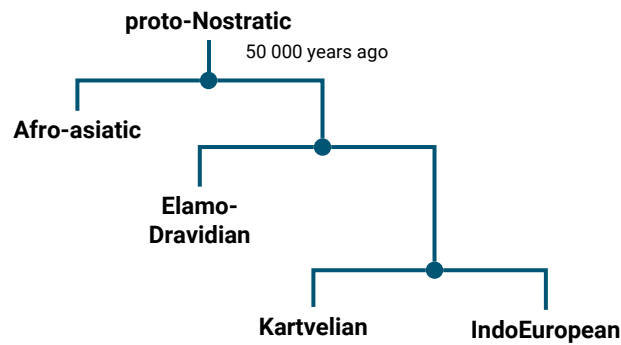
Countries: mokhtari/iStock/Thinkstock

Language Families



Map: Adapted from Gamkrelidze, T. V., & Ivanov, V. V. (1990). The Early History of Indo-European Languages. *Sci Am Scientific American*, 262(3), 110-116. doi:10.1038/scientificamerican0390-110

Nostratic Hypothesis



Mother-Tongue Hypothesis

| | |
|------|--------------------------|
| tik | one, index-finger, digit |
| pal | two |
| bur | ashes |
| tali | tongue, talk |

