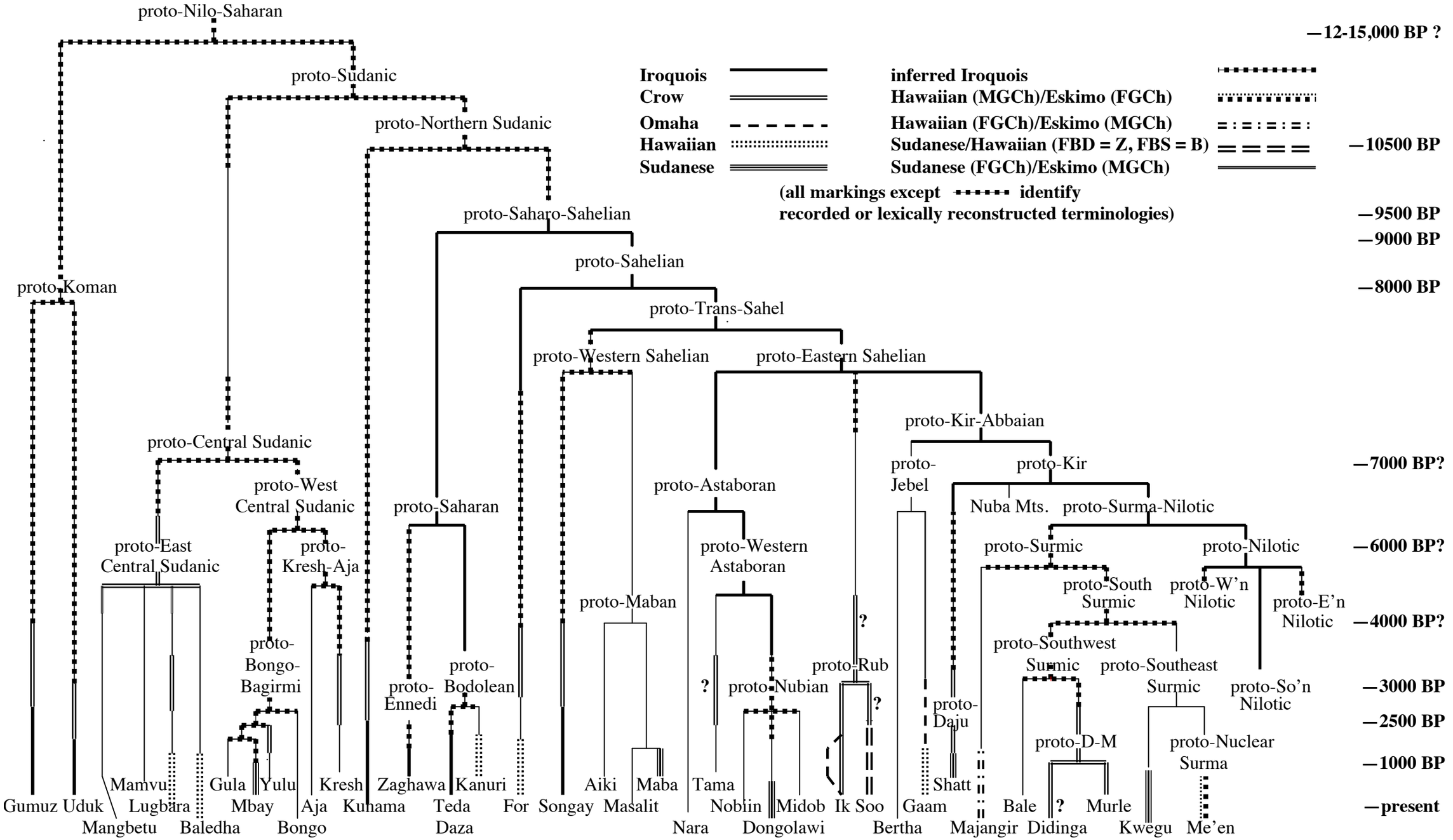
proto-Nilo-Saharan
—12-15,000 BP ?
proto-Sudanic
proto-Northern Sudanic
Iroquois
Crow
Omaha
Hawaiian
Sudanese
inferred Iroquois
Hawaiian (MGCh)/Eskimo (FGCh)
Hawaiian (FGCh)/Eskimo (MGCh)
Sudanese/Hawaiian (FBD = Z, FBS = B)
Sudanese (FGCh)/Eskimo (MGCh)
—10500 BP
(all markings except identify recorded or lexically reconstructed terminologies)
proto-Saharo-Sahelian
—9500 BP
—9000 BP
proto-Sahelian
proto-Koman
—8000 BP
proto-Trans-Sahel
proto-Western Sahelian
proto-Eastern Sahelian
proto-Kir-Abbaian
proto-Central Sudanic
proto-West Central Sudanic
proto-Saharan
proto-Astaboran
proto-Jebel
proto-Kir
—7000 BP?
Nuba Mts.
proto-Surma-Nilotic
proto-East Central Sudanic
proto-Kresh-Aja
proto-Maban
proto-Western Astaboran
proto-Surmic
proto-Nilotic
—6000 BP?
proto-South Surmic
proto-W'n Nilotic
proto-E'n Nilotic
—4000 BP?
proto-Bongo-Bagirmi
proto-Ennedi
proto-Bodolean
proto-Rub
?
proto-Nubian
proto-Southwest Surmic
proto-Southeast Surmic
proto-So'n Nilotic
—3000 BP
proto-Daju
—2500 BP
proto-D-M
proto-Nuclear Surma
—1000 BP
Gumuz
Uduk
Mangbetu
Mamvu
Lugbara
Baledha
Gula
Mbay
Yulu
Bongo
Aja
Kresh
Kuhama
Zaghawa
Teda
Daza
Kanuri
For
Songay
Aiki
Masalit
Maba
Tama
Nara
Nobiin
Dongolawi
Midob
Ik
Soo
Bertha
Gaam
Shatt
Majangir
Bale
Didinga
Murle
Kwegu
Me'en
—present