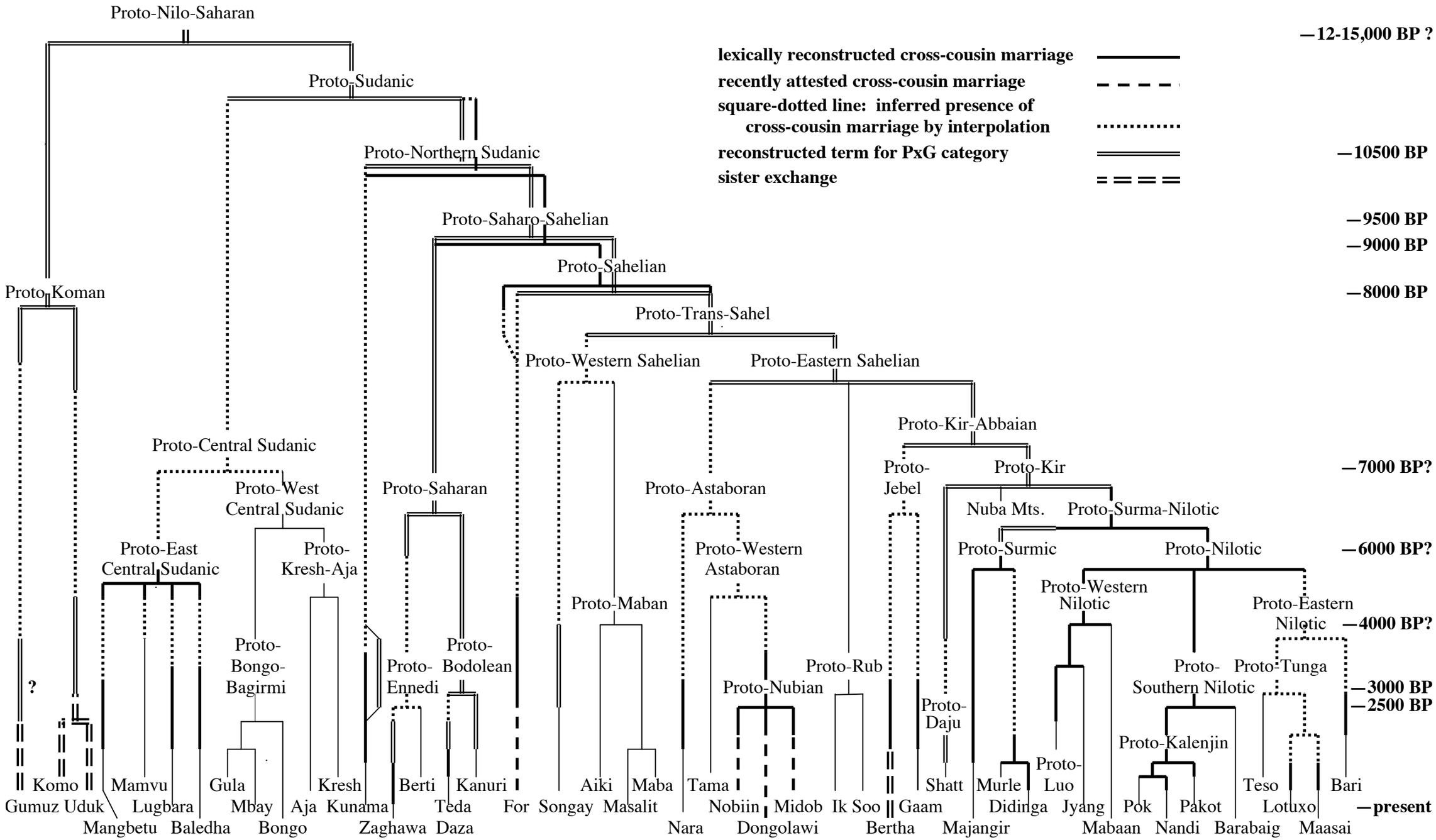
Proto-Nilo-Saharan
Proto-Sudanic
Proto-Northern Sudanic
Proto-Saharo-Sahelian
Proto-Sahelian
Proto-Trans-Sahel
Proto-Western Sahelian
Proto-Eastern Sahelian
Proto-Kir-Abbaian
Proto-Kir
Proto-Jebel
Nuba Mts.
Proto-Surma-Nilotic
Proto-Surmic
Proto-Nilotic
Proto-Western Nilotic
Proto-Eastern Nilotic
Proto-Southern Nilotic
Proto-Tunga
Proto-Kalenjin
Proto-Luo
Proto-Koman
Proto-Central Sudanic
Proto-West Central Sudanic
Proto-East Central Sudanic
Proto-Kresh-Aja
Proto-Bongo-Bagirmi
Proto-Saharan
Proto-Ennedi
Proto-Bodolean
Proto-Maban
Proto-Astaboran
Proto-Western Astaboran
Proto-Nubian
Proto-Rub
Proto-Daju
?
Komo
Gumuz
Uduk
Mangbetu
Mamvu
Lugbara
Baledha
Gula
Mbay
Bongo
Aja
Kresh
Kunama
Zaghawa
Berti
Teda
Daza
Kanuri
For
Songay
Aiki
Masalit
Maba
Nara
Tama
Nobiin
Dongolawi
Midob
Ik
Soo
Bertha
Gaam
Shatt
Majangir
Murle
Didinga
Jyang
Mabaan
Pok
Nandi
Pakot
Barabaig
Teso
Lotuxo
Maasai
Bari
—12-15,000 BP ?
lexically reconstructed cross-cousin marriage
recently attested cross-cousin marriage
square-dotted line: inferred presence of cross-cousin marriage by interpolation
reconstructed term for PxG category
sister exchange
—10500 BP
—9500 BP
—9000 BP
—8000 BP
—7000 BP?
—6000 BP?
—4000 BP?
—3000 BP
—2500 BP
—present