Носовые в афроазиатских языках

На выборке из 100 афроазиатских языков удалось найти 9 наборов носовых.

1) минимальный набор носовых: m + n

Встречается на севере Африки (берберские языки), а также ближе к Азии (семитские), в некоторых чадских языках (Mbuko, Majera и других, расположенных по соседству, – в Нигерии, на границе Чада и Нигерии). Редко – в кушитских языках (Somali, Afar на востоке Африки), относительно рядом с которыми есть семитские (Geez, Sebat Bet Gurage).

2)
$$m + n + \eta$$

Такой набор характерен для чадских языков (Merey, Gavar, Sukur, Ngas и др.), однако встретился в двух кушитских языках (Beja, Baiso) и в семитском (Amharic), что скорее является исключением, так как в семитских, судя по карте, распространён минимальный набор носовых фонем (m и n).

3)
$$m + n + p$$

Этот набор характерен для кушитских языков (Sidamo, Gawwada, Dahalo и др.) + встретился в языке Lele (чадский).

4)
$$m + n + p + q$$

Встретился как в чадских (Gera, Galambu, Polci и др.), но уже в основном на территории Нигерии, а не Чада, так и в кушистких (Tsamai, Rendille и др.), а также в одном берберском (Tamasheq), который находится достаточно далеко от чадских языков с таким же набором носовых, так что ни ареальный, ни генеалогический принцип тут не работает.

5)
$$m + n + \eta + \eta^w$$

Данный набор встретился так же в чадских (Buwal, Bana и др.), уже преимущественно на границе Нигерии и Чада, и кушитских языках (Awngi, Qimant и др.).

6)
$$m + n + \eta + n^{j}$$

Встретился в двух языках: кушитском (Orma) и чадском (Dass). Тоже не работает ареальный и генеалогический принцип.

7)
$$m + n + n + n + n^{w}$$

Встретился в языках Psikye (чадский) и Iraqw (кушитский). Как видно по карте, эти языки не находятся рядом.

8)
$$m + m + n + n + n$$

Кушитские языки (Gedeo, Burji), к тому же находящиеся очень близко.

9)
$$m + m^{w} + n + n + n + n^{w}$$

Самый большой инвентарь носовых у чадского языка Marghi Central (на границе Нигерии и Чада).

Можно сказать, что на неминимальном инвентаре носовых ареальный принцип при отсутствии генеалогического (например, есть два языка, которые не относятся к одной ветви, см. пункты 6 и 7) не работает. А вот если в наборе есть редкий для данной семьи носовой (см. пункт 8), то на основе данной выборки можно заключить, что языки, в которых он есть, будут и из одной семьи, и находится рядом.

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