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## Nahuatl Dialect Subgroupings

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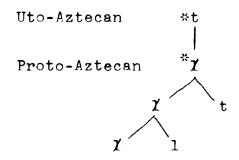
Traditionally, the numerous Nahua dialects spoken in Mexico and South of Mexico have been classified as I-dialects (Nahuatl), t-dialects (Nahuat), and 1-dialects (Nahual) according to their reflex of Uto-Aztecan \*t before \*a,

Uto-Aztecan \*t became I only in some of the dialects



and presumably this I later developed into 1 in some dialects. This last developement is still in progress in some areas.

However, Campbell and Langacker have recently suggested (ms p. 55-56) that Uto-Aztecan \*t became I already in Proto-Aztecan, and that this I later changed back to t in some of The dialects:



They support this hypothesis with two arguments:

First: I is assimilated to a preceding 1 also in t-dialects so that there is contrast between a cluster 11 < 11 < \*1t and a cluster 1t in which the t has not passed through a I-stage. Their example is koma:1-1i 'comal', koma:1-1an 'place of comales' which have 1(1) also in t-dialects.

Second: in a few words, original  $\frac{*}{a}$  following \*t has changed into o or  $e(\underline{i})$ , Cl. N.  $\underline{Io?-Ii}$  'hawk',  $\underline{Ie-I}$  'fire', and  $\underline{Ie?ko}$  'ascend'. Since all dialects share this change of vowel, it is assumed to have taken place in Proto-Aztecan, and in these words, preceding the vowel in question, \*t shows up as I in the I-dialects. The development of \*t to I is conditioned by a following  $\underline{a}$ , consequently the development of \*t to I must have taken place prior to the vowel change,  $\underline{i}$ .  $\underline{e}$ . also in Proto-Aztecan:

Their first argument is not immediately convincing in the case of Pipil since the obvious situation where  $1\mathcal{I} > 11$  is expected, namely  $-1-\mathcal{I}i$ , noun plus absolutive suffix, does not occur in Pipil; the absolutive suffix is not found with nouns ending in 1:

Cl. N.	Pipil	
kal-li	kal	house
%a:1-li	tal	earth
koma:1-li	kumal	comal

(cf. p. 13 for other cases of the absolutive suffix being dropped after 1.)

The absolutive suffix is not lost after other consonants in Pipil:

Cl. N	Pipil	
po:k-li	puk-ti	smoke
ne:k <sup>W</sup> -li	nek-ti	honey
mec-li	mec-ti	moon
i&-Xi	ić-ti	fiber

teksis- <b>%</b> i	teksis-ti	snail/egg
miś-Zi	miš-ti	cloud
sin-Zi	sin-ti	corn
0?- <b>%</b> i	uh-ti	road

Clearly there is no tendency towards dropping the absolutive suffix in Pipil in general, and since the Campbell/Langacker argument involving assimilation of I to a preceding 1 can be demonstrated for the other t-dialects, it is reasonable to consider the loss of the absolutive suffix after 1 an indirect indication of the fact that it had the shape I at some time also in Pipil. It is thus beyond doubt that all the t-dialects, including Pipil, have passed through a stage with I from \*t before \*a.

As to their second argument, it should be pointed out that the word for 'hawk' does not have initial I in all the t-dialects (or initial I in the 1-dialects):

CC, Teloloapan	tu?dli
Ixcatepec	to?Zi
Tetelcingo	tohli
Acatlan	tohle
Zitlala	tohli
Xalatzala	tohli

In fact I know of 10?11 only in Cl. N.

The change of \*a to e(i) (in  $\underline{\text{YeY}}$  and  $\underline{\text{Ye?ko}}$ ) is not so foreign to Nahuatl that it could not have taken place independently in several localities.

If it is assumed that UA \*t went to I in Proto-Aztecan -- I find this a correct assumption -- then the classification into nahuatl, nahuat, and nahual does not reflect a split as old as it has formerly been thought to do. Furthermore, it runs counter to a number of isoglosses.

For the purpose of recognizing subgroupings within the Nahuatl dialect area, I consider one grammatical isogloss basic:

The perfect of verbs is formed in a number of ways in the various dialects:

N. G. Valley of M La Huasteca Isthmus

pala:ni pala:ni pala:ni pata:ni present

opala:ni opala:n pala:nki pata:nik perfect

(cf Hasler 1961 p. 459)

Importance has been ascribed to the presence versus absence of the suffix -k(i) and to the presence/absence of the prefix o (cf Hasler 1961 p. 459 and Lastra de Suarez 1974 p. 390).

However, the fundamental distinction is found somewhere else, namely in the loss versus the retention of the stem final vowel in the perfect. The original form is assumed to the law been \*pata:ni-ka:. In N.G. the suffix \*ka: > ki was lost. In Valley of Mexico and La Huasteca the stem final vowel in the Valley of Mexico. In Isthmus only the final i (of the suffix) was lost (for a detailed treatment of the perfect formation see Canger forthcoming).

The <u>loss</u> of the stem final vowel in the perfect represents an innovation which has spread out from the Valley of Mexico some time before the conquest. It is a characteristic feature of the dialects spoken in the Valley of Mexico, Tlaxcala, Morelos, Central Guerrero, Central Puebla, Northern Puebla, and the dialect area called La Huasteca comprising dialects spoken in San Luis Potosí, Hidalgo, Vera Cruz, and the Northernmost tip of Puebla. The dialect areas which participated in the loss of the stem final vowel I call the <u>Central dialects</u>.

The dialect areas which did not participate in the loss of the stem final vowel I call <u>Peripheral</u>. They encompass a number of areas to the West, South, and East of the Central area, which are not specifically closely related. Recently some of the Peripheral dialects have lost the stem final vowel due to a general tendency towards loss of final vowels, and that has made the innovation a less obvious, distinguishing feature.

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In compounds made up of a nuclear verb, the ligature -ti-, and a verb of motion or position, the stem final vowel of the nuclear verb was lost already in Proto-Aztecan and so is generally not found in any Peripheral or Central dialects:

N. G. Valley of Mexico La Huasteca Isthmus

pala:n-ti-ka pala:n-ti-ka? pala:n-t-o-k pata:n-t-o-k

The occurrence of the prefix  $\underline{o}$  does not coincide with any other feature I know of. By occurrence I do not mean obligatory or frequent use of  $\underline{o}$ , but contrast the absolute absence (hard to prove) of  $\underline{o}$  with the occurrence of  $\underline{o}$  with even just a few verbs.

toma:wi he gets fat ki-toma:wa he fattens him

as opposed to the Peripheral dialects and -- curiously enough -- the very central ones (Valley of Mexico, San Martín d.l.P., and possibly Tlaxcala) in which both the transitive and the intransitive have the suffix -wa:

Peripheral	Sierra de Puebla	toma:waya	tr/intr
	Isthmus )	· · · · · · · · · · · · · · · · · · ·	01 / 11101
	Jalisco 1765	cikawayia	tr/intr
	Jalisco 1692 N. G.	toma:wa	tr/intr
	Pipil	tomawa	tr/intr
Central	La Husteca West. Sect.	toma:wiya	intr
	North Puebla	toma:wi	intr

Morelos

toma:wi intr

Narrow core Cl. N.

toma: wa tr/intr

San Martin d.l.P.

Furthermore, in none of the Central dialects is I changed into t, but is retained as I (possibly excepting one village in Morelos, Xoxocotla (Hasler 1961 and Dakin 1974).

Thus the characteristics of the Central dialects as a group are:

- 1) participation in the loss of the stem final vowel, an innovation spread from the Valley of Mexico starting before the conquest
- 2) inchoatives in -wi, possibly superseded by a change to -wa in the core area (excepting a small core area (shech has -wa)
- 3) 1

The third feature is not exclusively charateristic of the Central dialects.

Other important isoglosses cut through this area, some simply dividing it into more restricted areas and some connecting these restricted areas with one or several of the Peripheral dialects.

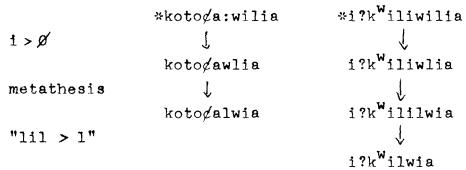
Core area - metathesis. We have already seen that a narrow core area is characterized by having inchoatives in -wa. A slightly larger core area, including Morelos, shares an innovation in the formation of the so-called applicative verbs. The basic suffix employed in forming applicatives is -lia. In and around the Valley of Mexico verbs in -oa have applicatives in -lwia which is the result of a metathesis not found outside this area:

N.G./La Huast. Cl. N.

kotocoa kotoca:wilia kotocalwia 'shrink' ihk<sup>W</sup>iloa ihk<sup>W</sup>ilwilia i?k<sup>W</sup>ilwia 'write'

Probably the i between w and 1 was dropped, then metathesis

of wl took place, and in verbs with 1 preceding oa of the simple transitive form one  $\underline{1}$  and the  $\underline{i}$  separating the two  $\underline{1}$ 's dropped:



Unfortunately only a few publications include data on applicatives formed from verbs in -oa, so it is impossible for me to plot the exact boundary of this innovation.

La Huasteca. Another distinct area within the Central area is La Huasteca characterized by

1) forming the future plural in -seh as opposed to -skeh in most other dialects; in some of the dialects in La Huasteca -seh varies with -skeh

Cl. N. La Huasteca

ki:sa-skeh ki:sa-seh they will go out

-seh for futre plural is found also in Acatlan, Central Gro. and in Michoacán.

2)(optionally)retaining the suffix -ki in the singular perfect

ki:s-ki he went out ki-miktih-(ki) he killed him

- 3) using the form -idtok for the singular of the verb 'be somewhere'
- 4) La Huasteca is distinct from most of the other Central dialects in not employing the plural suffix -tin with nouns, but only -meh. And it shares the use of -tin for plural of pronouns with the Western Peripheral dialects.

La Huasteca displays features which connect it with some of the Eastern Peripheral areas,

I imply -yana, but cond. skia

5) initial e does not get a prothetic y

La Huasteca Central Gro.

eΊ

ye2

'beans'

This prothetic y has probably developed fairly recently. It does not occur in Cl. N. nor in the two Jalisco grammars from 1692 and 1765, but today it is found in almost all the Western Peripheral dialects and in the Central dialects, excepting La Huasteca area.

- 6) the prefix o does not occur in La Huasteca
- 7) in agreement with Pipil, Isthmus, and Sierra de Puebla, La Huasteca preserves the stem final vowel in the words for 'warm' and 'green':

Cl. N.	La Huasteca		t shull t
totonki	toto:nik	warm	181-2
śośo:wki	śośo:wik	green	1

- 8) With Pipil and Isthmus it shares the word teksis i for 'egg' as opposed to totolte I found in almost all the other dialects
- Central Guerrero. Another distinct area in the Central area is Central Guerrero which is characterized by the following features:
  - 1) A system of negations in which three different negative markers are used: by three dishinct
    - al) in declarative and interrogative sentences and with Zah, 'something' and aka 'some one', always (ko) \$ (cf Cl.N. kwis 'yes-no-question coming up')
    - b 2) with imperatives and single words, a:mo or ma:ka according to dialect
    - (3) the simple answer 'no', everywhere ka

examples	Cl.N.	Zitlala	
a 1)	a?-mo: koći	(ko)š koči	he doesn't sleep
	a?-Xe(in)	(ko)š-Zah	nothing
	a?-ya:k	(ko)š-aka	no one

2) ma:ka(mo:) sikkwaka:n ma:kas(i)kwaka:n do not eat it (pl ma:ka(mo:) kikwaka:n ma:ka ma kwaka:n that they don't eat

a?mo: ne?wa:1 ma:ka nahwa not I ...

ka no

2) For a kind of progressive form with the ligature -ti- and the verb 'be' Central Gro. has -ti-kah for the singular and -t-o-keh for the plural as opposed to -ti-kah, -tikate(h) of the Central area and the Western Periphery, and -t-o-k and -t-o-keh for La Huasteca and the Eastern Periphery. In La Huasteca, Sierra de Puebla, Ahuacatlan, and some other adjacent dialects -ti-kah, -ti-kateh are used also but with a marked reverential or affectionate meaning.

> Zitlala: Ya-k<sup>w</sup>ah-ti-kah he is eating Za-kwah-t-o-keh they are eating

Xalatzala, near Tlapa, does not share this feature, but has -tikah, -ti-kate.

Except in the Eastern section around Tlapa, the plural suffix -tin is used with nouns alongside with the suffix -meh. In addition -meh is employed for the plural of pronouns and in some villages also with the word for all:

> Zitlala: tahwameh we yehwameh they nocimeh all (plural)

Central Gro. shares this feature with Isthmus and Pipil:

te(he)-met Pipil: We

ye(he)-met they

tehe-mek\_ Isthmus We yehe-meh they

(4) With parts of Morelos and Northern Gro., Central Gro.

shares a phonologic reinterpretation of a word used to indicate possession:

Cl. N.

Central Gro.

no-aska

no-waska

it is mine

i-aska

i-waska

it is his

Western Periphery. The dialects spoken in Durango, Nayarit, Jalisco, Colima, and Michoacan share a number of features:

1) -lo for plural of subject in the present tense and in some places also in other verb forms (cf Jeff Burnham here):

Michoacan ti-k-ana-lo

we take it

Jalisco 1692 ti-ahui-lo

we go

Durango

an-tis-maka-l you (pl) give it to us

skiaya and -(y)aya as opposed to -skia and -ya in other areas. This feating is shared also by Northern Gro.

43) Also shared by the Western Periphery and Northern Gro. is the singular of the verb 'be' in onkah:

ni-unka(h)

I am somewhere

ti-unka(h)

you are somewhere

ti-kate

we are somewhere

The word used to indicate possession is in the Western Periphery reinterpreted as beginning with y, thus

no-yaska

it is mine

i-yaska

it is his

- (5) The plural suffix -tin is not used with nouns, but it occurs with pronouns and a few quantifiers.
- The word for 'fire' is Yesus Yi in the Western Periphery, North Gro., and in some villages in Central Gro. as opposed to Zel or Zil in the rest of the area.

- The word <u>komo:ni</u> is used for 'thunder' in the Western area including North Gro., some villages in Central Gro., and La Huasteca, Western section.
- Morth Guerrero. Not far from Morelos and from the Central Gro. dialect area in Northern Guerrero a distinct Peripheral dialect is spoken. It was already seen that it shares a number of features with dialects of the Western Periphery. It is furthermore characterized by the following features:
  - 1) Verbs which in other dialects end in i here end in ia

koći koćia he sleeps
ne:si ne:sia he appears
k-(o:n)i ko:nia he drinks it

This development is found also in the Jalisco dialect described by Cortés y Zedeño in 1765.

2) The suffix for 1. person plural is in the present tense -ka

Cl. N. N. G. ti-koći-ka we sleep

3) In the imperfect the plural marker is -?ke rather than -h/?

Cl: N. N. G.

koći-ya koći-yaya he was sleeping koći-ya-? koći-ya-?ke they were sleeping

4) A drastic reduction of the personal prefixes has taken place with transitive verbs

Cl. N. N. G.

ni-k-piya mpia I have it ti-k-piya hpia you (sg) have it

5) North Guerrero has ? corresponding to Cl. N. ? and to h in most modern dialects.

North Guerrero shares the following three features with Michoacan:

6) In almost all environments it has 1 for I of the Central dialects

Cl. N

N. G.

Za:kaZ

la:kal

man

- 7) No trace of the directional suffixes -ti:w, -to, -kiw, and -ko is preserved in North Guerrero or in Michoacan (cf Sischo n. d. p.88).
- 8) Both in Michoacan and in most dialects of North Gro. the absolutive suffix is preserved optionally with the independent personal pronouns in the singular:

N. G.

Mich.

na:1

newal/nel

Ι

This is the case in only a few other of the modern dialects:

Durango

nel

Milpa Alta

ne?wal/ne?wa?

North Puebla ne?(wa:1)

La Huasteca na(ha)

Tlaxcala

neh

San Martin P. ne(wa)

Tetelcingo

naha

Xalitla

newa

Copalillo

naha

Acatlan

nahwa

Zitlala

nahwa

S. Juan Tetelcingo

ne:hwa

Xalatzala

nehwa

Quetzalapa

neha

Sierra de P

nehwa

Zongolica

neh

Isthmus

neh, nehwa, neha

Pipil

na(ha)

In discussing La Huasteca (p. 8), I mentioned some features which this area shares with Sierra de Puebla, Isthmus, and Pipil (absence of prothetic y before e; absence of the prefix o 'past'; toto:nik and śośo:wik with the stem final vowel retained; and teksis%i for 'egg'.)

The three latter areas furthermore share

- 1) a development of t from 1
- 2) a tendency towards dropping the absolutive suffix after 1, carried through under all conditions in Pipil; in Isthmus -li is dropped only with polysyllabic nouns; and in Sierra de Puebla -li is dropped with polysyllabic nouns and with monosyllabic nouns which have a long vowel:

Cl. N.	Isthmus	Sierra de P	Pipil	
komal- <u>li</u> Yak <sup>w</sup> al <u>li</u>	taba:l	koma:l tak <sup>w</sup> a:l	kumal tak <sup>w</sup> al	comal food
Zaškal <u>li</u>	taškal	taśkal		tortilla
6i:1 <u>1i</u>	ćin <u>li</u>	či:1	6i1	chile
mi:l <u>li</u> %a:l <u>li</u>	mih <u>li</u> tah <u>li</u>	mi:l ta:l	mil tal	field earth
kal <u>li</u>	kah <u>li</u>	ka <u>li</u>	kal	house

This tendency is seen also in Tlaxcala where -li is dropped with polysyllabic roots as in Isthmus.

Isthmus and Pipil are separated off from Sierra de Puebla by a number of features:

1) Plural of the independent personal pronouns is in Isthmus and Pipil expressed by -meh/-met, whereas Sierra de Puebla has neither -tin nor -meh, but only the old plural suffix -n if even that; this is true also of the areas adjacent to Sierra de Puebla: North Puebla, Tlaxcala, and Central Puebla.

Pipil te(he)-met Isthmus tehe-meh

Sierra de Puebla tehwa
North Puebla te?wã:
Ahuacatlan tehwan
Tlaxcala tehwah
Zoquitlán tefa

2) A construction consisting of <u>nemi</u> plus a nuclear verb appears to be common for a kind of progressive both in Isthmus and in Pipil:

nemi tawantuk 'he is drunk' Schultze-Jena p. 244 nemi ni-ta-k<sup>w</sup>a 'I am eating' Canger 1976c p. 33,36

- 3) The word for 'pig' is <u>pidol</u> in most dialects, however, along the Pacific: in Michoacan and in Quetzalapa, and in Isthmus and Pipil we find a form <u>koyame</u>.
- 4) Pipil and Isthmus exclusively share the word -pal to express possession:

Isthmus Pipil

no-pal nu-pal it is mine
i-pal i-pal it is his

9.

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ILV : Instituto Lingüístico de Verano

Instituto Nacional de Antropología e Historia INAE:

Inv.Ling.: Investigaciones Lingüísticas

Universidad Nacional Autónoma de México UNAM:

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