ESPACIOS MAYAS

USOS REPRESENTACIONES CREENCIAS

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DANGEROUS PLACES IN ZINACANTEC PRAYER

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THE CONSTRUAL OF SACRED / DANGEROUS / POWERFUL spaces in contradistinction to domestic / unmarked / safe places in Zinacantan, Chiapas, México, is perhaps most accessible to consciousness (and hence investigation) in the context of shamanistic curing. The conceptualization of these spaces is directly, if somewhat esoterically, manipulated in curing prayer, which employs images dichotomous in both form and meaning to track the progress of a ceremony across physical and ritual landscapes. Certain types of Zinacantec curing rely directly on transitions between spaces: the highly constrained domestic space, or the over-structured interior of the church, vs. the caves, stones, waterholes, and milpa edges where soul-danger both lurks and can be redressed. Transitions across such boundaries are necessary for cure, but they are themselves potentially harmful and thus produce profound ambivalence, expressed in both word and deed by curer, patient, and helpers alike. Indeed, central parts of curing performances seem explicitly designed to counteract the dangerous places where the performance must by necessity take place. I will present discursive and gestural exhibits, extracted from recordings of several Zinacantec curing ceremonies, to argue that it is principally through language (in a broad sense, including highly structured ritual speech and its gestural and corporeal accompaniments) conjoined with other communicative action that Zinacantecs seek to control the world and protect themselves during their passages across dangerous places.

Places as metaphors

Ma'uk to stze'in o jun jme',

The following lines are drawn from a reenacted prayer by the late Domingo de la Torre of Zinacantan, Chiapas, a prodigious Tzotzil poet. They evoke a somewhat dark side of the veneration of the candles offered by a new house owner (Laughlin 1980: 212). The prayer represents part of a ceremony to instill a new house with a soul, and to secure its boundaries by soliciting the protection of gods, spirits, and ancestors alike. Here, the owner asks to be protected against obliquely mentioned but quite specific human dangers.

(1) Laughlin 1980: 212 Tzauke, itot, Take heed, My Father, Take heed, My Lord! Tzauke, kajval! Ma`uk to ita o ti jun ba vitze, ← May I not yet reach the mountaintop, \leftarrow Ma`uk to jta ti jun ba stzeleje, € May I not yet reach the hilltop, € May I not yet clothe myself with Ma'uk to ik'u'un o ti lume, dirt. Ma`uk to jk'u`un o ti ach'ele May I not yet clothe myself with mud, Ma'uk to xkak'be o yelav ti jtote, May I not yet amuse my father, May I not yet amuse my mother, Ma`uk to xkak'be o yelav ti jme`e, May my father not yet laugh, Ma'uk to stze'in o jun jtot,

Like their cousins elsewhere in Maya country, Zinacantecs pray in the formally parallel lines characteristic of all Tzotzil ritual speech (Gossen 1985). Typically, as in the fragment quoted in (1), lines of prayer come in matched pairs, with exactly identical environments framing a conventional pair of words or short phrases, which in turn encapsulate a standardized, if

May my mother not yet laugh,

sometimes oblique, "stereoscopic" image (Fox 1974, 1977). 128 Thus, the injunction tza-uk-e which Laughlin translates as 'take heed' (from an archaic root tza evidently denoting 'intelligence, skill, craft' [Laughlin 1988]), is a frame which pairs with the conventional doublet for addressing male deities: J-TOT / K-AJVAL, 'my father / my lord'. In a massively parallel construction, the house owner follows this opening formula with a string of negative injunctions, asking for divine intervention to avoid the demise (frame: ta j-ta o ti jun ba__, "I will reach the top of—" and doublet: VITZ / STZELEJ, "a mountain / a ridge"—that is, explains Laughlin, the graveyard; frame: ta j-k'u'-in o ti_, "I will wear—", and doublet: LUM / ACH'EL, "dirt / mud"—that is, when I am buried) planned by J-TOT / ME', "my father / my mother"—that is, my enemy, thereby "amusing him" (frame: ta x-k-ak'be elav__, 'I cause amusement to...' my enemy) / "making him laugh" (frame: ta s-tze'in o__, 'he laughs because of it...').

Several formal characteristics may be observed in this fragment of elaborately structured speech. First, the doublets and frames are highly conventionalized. (The pair LUM / ACH'EL conventionally denotes exactly the "dirt / mud" under which one is buried, and by extension, ones very body). But they are also syntactically flexible. (In death one can -k'u'in this dirt, that is "clothe oneself" in it, as in this prayer. But one can also simply find oneself ta yolon lum / y-olon ach'el, 'under dirt / under mud'.) Importantly, the imagery of the parallel constructions is ordinarily indirect, underspecified, and consequently semiotically malleable. One does not name the enemy who plots witchcraft: he or she is instead merely jun j-tot / jun j-me', 'one father of mine / one mother of mine', and thus a kind of distanced kinsman, whose evil intentions do not reflect overtly stated reciprocal animosity on the part of the speaker. Similarly, although it is, as Laughlin points out (1980, fn. 29), ta jun ba vitz / jun ba stzelej, 'on a mountaintop / on a hilltop', where Zinacantecs typically place their cemeteries, as I shall argue in this paper, this is not all that Zinacantec ritual speech locates in such exposed, salient, and dangerous places. The properties of referential ambiguity and semiotic flexibility that characterize all

¹²⁷ I have altered Laughlin's orthography slightly to make it consistent with current Tzotzil practical orthography which includes the following digraphs: ch = c = IPA /t J/, tz = z = IPA /ts/.

¹²⁸ I will call the repeated context of parallel lines the frame, and the paired varying phrase the doublet, although frequently parallel lines come in sets of three or more.

Zinacantec ritual speech are the tools I wish to bring to bear on the notions of space and place in contemporary Mayan societies.

The conventionalized, multivalent, and flexible poetic imagery of Tzotzil prayer provides a unique key to Zinacantec conceptualizations of space, geography, and the dangerous places that surround us here on earth. If it is largely through interactive discourse that Zinacantecs, like everyone else, learn the conceptual parameters of their world, the crystallized stereoscopic images of ritual frames and doublets may be seen as the meta-tools of cultural discourse, distilling out exactly those elements of the world we create through talk with the greatest semiotic potency. We may learn a good deal about the conceptualization of the universe by directly interrogating our informants; but our informants themselves learn about the universe in large part by listening to and interpreting the powerful, if often opaque, words of their own ritual specialists, in shamanistic prayer and elsewhere. My aim in this paper is simple, and largely descriptive: to enter Zinacantec geography through this back door of ritual language, in which things are never quite what they seem, and places never quite where they seem. How are the spaces of the Zinacantec world portrayed in prayer?

Let us consider the image conjured by the doublet VITZ / STZELEI, 'mountain / ridge', or its close relative VITZ / CH'EN, 'mountain / cave'. Let me pass from simulated prayer¹²⁹ to the genuine article, prayers recorded over the last 30 years¹³⁰ in the moment of their actual performance, at various points scattered across the Zinacantec landscape. Here is a fragment of prayer in a cornfield (recorded in the central lowlands of Chiapas in 1982) designed to protect young and vulnerable maize plants from devastating winds and rain.

(2) t8208b452-4th cross ta yu ba vitz / ta yu ba stzelei €

chajta ta k'oponel / chajta ta yu ti`ine:l yu`un ti yu avalabe / yu'un ti yu anich'nabe k'u yepal stz'unoj / k'u yepal yavoj

t.axojobale / t.anak'ubale ch'ul vinajeletik / ch'ul balamiletik ch'ul reyetik / ch'ul anjeletik ch'ul yaxal lumal toketik / ch'ul ik'al holy blue fog / holy black fog lumal toketi:k

tzauke mu jinesbiluk / tzauke mu vuk'esbiluk mu ta k'a epuk / mu ta ik'ubaluk

ta axojobalike / mi o bu ta ba vitz / mi o bu ta ba stzelei 🗲 tal ti jun ik' tale / ti jun sik tale

pero mo'oj sbeuk tal un / pero mu xanebuk tal un k'opon abaik un / ti`in abaik un

ch'ul vinajel / ch'ul balamil

on the humble mountaintop / on the humble ridgetop I will reach you by word / I will reach you by mouth for your humble child / for your humble offspring whatever he has sown / whatever he has planted your sunbeams / your shadow holy heavens / holy earths holy kings / holy angels

may it not be thrown down / may it not be blown down may it not be rubbish / may it not be filth

vour sunbeams

if there be on a mountaintop /

on a hilltop

should one wind come / should one cold come

but may it not find a path to come /

find a step to come

speak to each other / talk to each

other

holy heaven / holy earth

¹²⁹ Laughlin remarks that despite the fact that his compadre performed the fragment in (1) during a reenactment of the ritual, he was brought to tears by the performance, which he uttered with a speed and fluency that seemed "beyond human possibility" (1980: 206). 130 My ongoing field research in Zinacantan, which began under the auspices of the Harvard Chiapas Project in 1966, has over the years had support from the National Science Foundation, NIMH, Australian National University, the National Geographic Society, the Harry Frank Guggenheim Foundation, the John Simon Guggenheim Foundation, the Universidad Nacional Autónoma de México, the Centro de Investigaciones y Estudios Superiores en Antropología Social, and Conacyt (México), which supported major parts of the current research as part of the project Archivo de los Idiomas Indígenas de Chiapas, grant #R30877-H.

The image of the mountaintop / the hilltop is invoked twice, but now not as an ominous indirect reference to death. Instead, both the divine addressee whose intercession is being requested, and apparently also the very corn crop in need of protection, are located on the same ba vitz / ba stzelei. 'mountaintop / hilltop'. The image of the cemetery on an exposed mountain peak is replaced (if not entirely supplanted) by a different image that merges the mountaintop shrine -access point to divine attention- with the vulnerable, exposed field of young corn. Later in the same prayer, the shaman makes it plain that his addressees -variously invoked in the prayer with a series of doublets: holy heaven / holy earth, holy kings / holy angels, holy gray [lit., blue / green] fog [lit., clouds of the earth] / holy black fog, lords of heaven / lords of earth, black mirrors / white mirrors- are themselves "seated" "on the mountaintop / on the hilltop". Divine forces of nature, with powers both to nurture and to destroy a corn crop (and by extension a corn farmer), are located in a place whose imagery is unmistakable in Chiapas: the mountaintop swiftly fading from view before rapid, rolling banks of thundercloud.

(3) explicitly locating divinities: t8208b452

xanavanik un / beinanik un walk! / set out!

k'opon abaik un / ti`in a- speak to each other! / talk to each

other!

yajval ch'ul vinajeloxuk / your are lords of holy heaven /

yajval ch'ul balamiloxuk lords of holy earth

→ chotoloxuk ta yu ba vitz / you are seated on the humble

mountaintop /

chotoloxuk ta yu ba yu stzelej seated on the humble ridgetop

yajval ch'ul lumoxuk / you lords of holy soil / yajval ch'ul osiloxuk you lords of holy land

yaxal lumal toketik / blue fog

ik'akil nenetik / sakikil nenetik black mirrors / white mirrors

In a similar vein, the same doublet appears again in the following sequence from a house dedication prayer recorded in 1984.

(4) t843a480, MK at Nabenchauk house

tzauk une jtot / tzauk une kajval

vo`oxuk totiloxuk /

→ nichim ch'ul ba vitzetik /
nichim ch'ul ba stzelejetik
nichim ch'ul reyetik /
nichim ch'ul anjeletik
ta avokik un / tak'obik un
tavalabik une / tanich'nabik une
chijlanik un bi / joylanik un bi
slekilal ti ta ch'ul k'elbon tale! /
slekilal ti ta-ch'ul-`ilbon tale!

take heed my father / take heed my lord
you are the fathers
flowery holy mountaintop /
flowery holy ridgetop
flowery holy rings /
flowery holy angels
at your feet / at your hands
your child / your offspring

enclose us / surround us

come watch well for me /

come see well for me

The shaman directly addresses the "flowery mountaintop / the holy hilltop", asking the divine powers who there reside to "surround" the house owner and to take him into their care (by placing him "at their feet / their hands"). Zinacantec prayer identifies and typifies a series of places -here, mountaintops- and endows them with a range of associations -in this case framing them as site of danger and death, as the source of devastatng natural powers, and as the abode of divine protectors. Zinacantec ritbal language represents a poetic distillation of such cultural associations nto words. Prayer and other ritual forms encode what Zinacantecs have heorized about sacred space over generations. Moreover, it is largely hrough attention to the words of ritual specialists that each new generason of Zinacantecs acquires knowledge of the sacred geography thus preented. In this study I put a corpus of ritual language to use in trying to iscover what elements there are in the landscape of prayer, in Zinacantec onceptual geography as seen through the stereoscopic lens of frames and bublets. I will start with the Zinacantec idea that the earth itself, and some f its creatures, are invested with power and danger. I then consider the dationship between place and illness, and the techniques of curing as ey relate to transformations of space. Finally, I trace the movement of a aring ceremony through space as an icon of the geography of illness or e spatialization of health, before turning to some conclusions about the

overall semiotics of space in the powerful though oblique language of Tzotzil ritual.

Kuxul balamil, 'the earth is alive'

To judge by Zinacantec discourses, the world is filled with places that are *kuxul*, "alive", the haunts of the forces of the earth and its Lord. The metaphor of "live places" is ubiquitous. Laughlin (Laughlin 1977: 289, tale 87) recounts the tale of an extremely poor youth who is so desolate that the Our Lord takes pity and bestows magical wealth on him. It is precisely at a place where the earth is "alive" that the boy is accosted by a supernatural stranger who bears the wealth-giving gift:

Va'i 'un, yu' nan kuxul ti balamile mo mi yu' van k'uxubaj ta yo'on ti kajvaltike, lok' la tal jun vinik. "K'u chapas, kere, k'u yu'un toj abol abae?"

Maybe because the earth was alive or because Our Lord took pity on him, a man came out. "What are you doing, son? Why are you suffering so?"

The earth inherits "life" from (or perhaps passes it along to) the "living" inanimates to be found in such "living" places: crosses, bells, ¹³¹ and buried treasure. On my first visit to Muxul Vitz, a mountain sometimes on the circuit of major curing ceremonies passing through the cabecera of Zinacantan where a large hole in the earth can still be seen near the mountaintop crosses, I was told about a giant bell, frightened away by the imprudence and shamelessness of a woman who squatted near the edge of the hole being dug to expose it. The cross, I was told, was alive. On a much smaller scale, a *compadre* from Sek'emtik once revealed to me the *me*' *tak'in*, 'treasure, lit., mother of money', he had dug up from behind his ejido dwelling. It was a small earthen pot, fashioned in the shape of a frog, and he took the fact that it had been revealed to him as he was hoe-

ing his field as evidence that the earth in that place was also "alive". Twenty-five years later, he still has the somewhat battered treasure with him in his Tuxtla residence.

In Laughlin's tale 33, about a dangerous cave called *avan ch'en*, 'shouting cave' (1977: 149-151), a supernatural cross is said to have been "alive".

Yech yal li vinike, iyich'be lok'el xchi`uk sme` stak'in, ja` li krus, Krus Avajel sbi, vo`ne kuxul to`ox.

The man was telling the truth. He took [something else] out [of the cave] together with his treasure. It was the cross. It is called Krus Avajel [Gospel Cross]. It was alive once.

Later, a jealous priest took punitive action against this "living" cross: ismil ta k'ak'al vo', "he killed it with hot water". In these discourses, features of living things such as deliberate movement, agency, will, and ultimately death are attributed to apparently inanimate things and the places they inhabit. Life is not the only property attributed to the balamil, 'earth'. Ordinary parlance incorporates the word balamil into a range of metaphors which conceptually enrich the raw material of space, starting with the earth on which we walk. (Indeed, the important distinction between what happens, say, in dreams and what happens in "real life" is that the latter takes place ta sha balamil, 'on the (sur)face of the earth'.) Thus, for example, when plants and forests grow, one says ich'i ti balamil, "the earth grew". When the weather turns harsh, the entire balamil can serve as the grammatical subject of the resulting ambient predicate adjective: k'epel li balamile, 'the earth dried up / stopped raining'. Prosperity, in the peculiar modern form of increased settlement, the proliferation of schools, clinics, roads, and so on, can also be characterized by saying ip ol ti balamile, "the earth multiplied". Grammar, again, endows the 'earth' with properties much like those of living organisms. 132

¹³¹ See Laughlin 1977:358, tale 102, about one such "living" bell.

These expressions are drawn from transcripts V9306NH and T9715a01. Although beyond the scope of this essay, orher grammatical reflexes of relatively high animacy (see

In ritual speech, the doublet *vinajel / balamil*, 'heaven / earth', can stand for the entire universe in its dual aspect, both heavenly and earthly. When invoked in prayer, the universe so characterized is paired with other doublets which reflect the same duality in various interlinked pairings: *rey / anjel*, 'king / angel', '133 chon / chauk, 'animal / thunder', chon / bolom, 'animal / jaguar', and tok / chauk, 'cloud / thunder'. Heaven, the domain of kings and angels, is the origin of clouds and thunder; thunder, in turn, is linked via the *yajval balamil*, 'lord of the earth', to powerful earthly beasts, most notably snakes and jaguars, as well as to both life giving and potentially destructive rain. Consider, for example, the following extract from a new house dedication prayer, in which protection is sought from all the forces of heaven and earth:

(7) t843a480: sk'inal na ch'ul nombre de dyos jesu kristo kajval k'usi yepal jtot / k'usi yepal kajval

holy name of God, Jesus Christ, My Lord how much, my father / how much, my lord

k'u yepal ch'ul vinajel /
ch'ul balamil ←
ch'ul rey / ch'ul anjel
ch'ul chon / ch'ul chavuk

how much, holy heaven /
holy earth ←
holy king / holy angel
holy animal-serpent / holy lightning

Balamil, the literal source from which all things Zinacantecos grow, is addressed directly with the Tzotzil imagery of beauty and respect, for example in the following extract from a cornfield dedication ceremony. Cultivated land is described as previously "lying down", that is, asleep, until planted and sowed by man ('your child / your offspring') in order to produce corn ('your beam of light / your shadow').

Aissen 1997) having to do with constituent order and verbal voice can also be observed in clauses involving *balamil* as a nominal argument.

(8) t8202b140: sk'inal cobtik: the land was previously "asleep"

chotoloxuk / vutz'uloxuk you all are seated / you all are

settled

ta skotol ch'ul k'ak'al / every holy day /
ta skotol ch'ul ak'ubal every holy night

here on the lying land /
here on the lying land /
here on the lying earth

k'u yepal li stz'unoje / li yavoje however much he has planted / he

has sown

taxojobale / tanak'ubale of your sunbeam / of your shadow your child / your offspring

The lords of earth and sky are likened to a beauteous and fertile valley.
They are called down from their mountaintop abodes to enter into conversation and thereby agree to protect the cornfarmer's crops.

(9) t8202b140 continued

yajval ch'ul vinajel / lord of holy heaven /
yajval ch'ul balamil lord of holy earth

jpul ch'ul osil / jpul ch'ul balamil holy valley of land / holy valley of

earth

chotoloxuk ta ba vitz / you all are seated on the mountainchotoloxuk ta ba stzelej top / you all are seated on the

ridgetop

k'opon abaik bi / ti`in abaik bi speak to one another / talk to one

another

ch'ul rey / ch'ul anjel holy king / holy angel holy chon / ch'ul chavuk holy animal / holy thunder

The images can also be inverted. In curing prayer, the epithet balamil is frequently attached to the lowest of the low, the forces and impulses of evil that produce witchcraft and illness, or the basest nature of man and beast. When, in conversational Tzotzil, one laments one's uselessness from disease or other incapacity, for example), one may characterize one-self as yech ta balamil, 'just this way, on earth', or, like my aged blind

¹³³ Note that both words are loans from Spanish.

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compadre, kukul ta balamil, 'groping about on earth'. ¹³⁴ The frames of prayer link the word balamil with witches, in typically ironic and indirect images:

jun balamil utz / jun balamil kolo`e one earthly good / one earthly evil

ti` balamil jve`ele / the eater on earth / ta balamil j`uch'vo`e, kajval the drinker on earth

The disease one suffers as a result of the efforts of witches is also linked explicitly to the earth.

ti balamil ip e / ti balamil k'ux une the earthly illness / the earthly pain

Finally, the metaphors for humility in a shaman's self-references place him ot her squarely on the ground:

ti stz'i'alon osil une / I am the dog of the land / ti stz'i'alon balamil une the dog of the earth

labalamil bole / labalamil sonsoe your earthly fool / your earthly idiot

In ritual speech, then, the verbal resonances of *balamil*, the earthly plane on which all space is grounded, thus endow the earth itself with a special semiotic ambivalence: it is the locus of life itself, source of all sustenance; it is also rife with danger, and its power tends to suggest evil and malevolence.

Illness, danger, and geography

My primary ethnographic material for this paper is shamanistic prayer, supplemented by the more prosaic conversational currency of Zinacantec daily interaction. In particular, I have been immersed in the prayer of the *j`ilol*, 'seer, or shaman', during curing ceremonies, a profusion of poeti-

¹³⁴ T9717b1.

cally structured ritual language collected in many years of serving in Zinacantec curing ceremonies as both patient and helper. What does "place" have to do with the practices and speech of curers, or with illness, health, and the restoration of physical well-being in Zinacantec life?

Let me quickly rehearse certain central aspects of Zinacantec cosmology that bring these things together, as revealed principally by Tzotzil discourse about curing. First is the idea of the yajval balamil himself, the 'lord of the earth', a fat, non-Indian man with the trappings of a wealthy patrón or landlord whose dominion includes the land, the water, the elements, and the animals and plants of the natural world. This Earth Lord is always present in the minds of Zinacantecs whenever the earth itself looms large in their thoughts. My compadre Petul tells me of his travels as a very young child, leading a mule team past the mysterious hole in the ground at Toch' whence wisps of steam could be seen wafting skywards in the early morning. The adults would offer the following explanation.

(10) toch'

yajval balamil sta`aj sve`el sta`aj skajvel xi li moletik une "It's the Lord of the Earth, cooking his food, cooking his coffee", the old people would say.

We have already met the frames of prayer that normally invoke the Lord of the Earth.

(11)

yajval ch'ul balamil / lord of the holy earth /
yajval ch'ul vinajel lord of the holy heaven

yajval ch'ul lum / yajval ch'ul osil | lord of the holy dirt / lord of the

holy land

yajval ch'ul ch'en / ch'ul vitz lord of the holy cave / lord of the

holy mountain

Why should one pray to such a figure? Those places where the "earth is alive" are both places where the actions of the Earth Lord are most to be feared and expected, and also where redressive action to placate him can

be taken. What is perhaps most commonly feared, in the normal course of life, is the illness known by the very name balamil -often taken to be the consequence of xi'el, 'fear', in which a sudden fright can cause parts of ones soul to become detached and to remain at the site, to kom- ta balamil. 'remain in/on the earth'. In (12) P and X discuss a frightening encounter the latter once had on the path. P asks whether X got sick as a result.

(12) t8814A p; bueno p; OK lek lakol un but did you recover alright? muk' laadidn't you...? x; lek likol, muk' bu x; I recovered, I didn't... p; were you frightened a little? p; mi laxi` o jutuk mi lakom ta balamil ← did you remain in the earth? x: I wasn't frightened x: mu`vuk xixi` p; you weren't frightened? p; muk' laxi= x; I wasn't frightened x; =mu\vuk xixi\ p; so p; eso x: right x; eje kuch'oj jutuk pox I drank a bit of cane liquor

In a more sinister vein, one may fall ill not simply because one has, through fear, "remained" ta balamil, 'in the earth', but because one has been actively "sold to the earth". The idea of chonvan ta balamil, 'selling [people] to the earth', involves metaphors of ghastly cannibalism on the one hand, and of ordinary commercial transactions on the other. In (13) a curer uses an anti-witchcraft doublet (TI' / LAJES, 'bite / eat-finish') to ask for protection against the former.

(13) petucure05 ma`uk nox xkak'betikotik ti k'u chisti`otikotik / chislajesotikotik We will not let them bite us / eat us (and finish us off).

The verbs used to describe what happens when a soul is dealt to the Earth Lord, whether out of revenge or simply for monetary reward, makes plain

the latter: ones soul is 'sold', 'received', 'delivered', 'given', etc. In the conversational fragment (14), a compadre tells me about the demise of a neighbor through witchcraft in a sequence peppered with these commercial images.

p; a ti manvel aliaxe chonbil ibat manvel aliax uke **x:** bueno pues p; chonbil bat i ta balamil ibat chk'ot jk'eltikotik chi`uk ti ime`e ja`smuk stzaklajet ta yibel na ti manyel une

(14) t9314a

tal j`ilole balamil xi ti i`ilole balamil chonbil ta balamil xi li i`ilol une

ch'amemon xa ya'el un xi ti ichamel une ti anima une ch'amemot xa un manvel chacham un a batikon yiluk xa vil kiloj xa much'u liyak' xi

yojtikinoj ti much'u ak'bat xa yil ti anima une

p; Manuel Arias also died from being sold x; well, then p; he died sold and he went to the earth I went to see him with my mother He was her younger brother Manuel was just grabbing the walls of his house The curer came "It's 'earth'", said the curer. "Earth. Sold to the earth", said the curer. mu xa k'u xkutik ch'amem xa xi un "Nothing we can do, he's been received", he said. "I seem to have been received", said the sick man The deceased. "You have been accepted, Manuel. "You will die." "Ah, let me go. "Never mind. "I have seen who it was who gave (i.e., witched) me", he said. He had recognized who it was. The deceased had seen that he'd

been given (i.e., witched).

A shaman trying to cure witchcraft often attempts to reverse it -to send the symptoms back to the initiating witch:

(15) kalvaryo01

yu`un me mu to xak'ik i k'ope / yu`un me mu to xak'ik i lo`ile yu`un me mu to xak'beik elav / yu`un me mu ta xak'beik tze`il ati balamil utze / ti balamil kolo`e

ta smakel o sat uke /
ta smakel o sba uk une
li` me spatin stuk uke /
li` me xokonik stuk uke

let them not yet cause words /
let them not yet cause gossip
let them not yet cause enjoyment /
let them not yet cause laughter
to the earthly good / to the earthly
evil
may his eyes be covered /
may his face be covered

may his face be covered /
may his face be covered
here shall he himself wear it on his
back / on his side

Despite the fact that the patient's enemy –his 'earthly good / earthly evil'—is anticipating 'words / gossip' (that is, talk about the demise of the patient) which will cause 'amusement / laughter', here the shaman asks that the witch's 'eyes / his face' be covered and that the witch himself 'wear on his back / wear on his side' the same malady which has been sent to afflict the patient.

Zinacantecs think of some places as especially dangerous, perhaps because being kuxul, 'alive', they are impregnated with possibilities for soul-loss. Zinacantecs take special care of their children (and themselves) around waterholes, mountaintops, and other steep places such as caves and cliffs. Caves are the special haunts of witches, and although some caves are known as places of great power to cure illness, many more are thought to be visited only by people with malevolent intentions. Ma'uk k'anob pertonal skwenta chamel un. I'i, parte. 135 "These are not places where one can ask for pardon in order to cure illness. No, these are for OTHER things" –that is, for causing rather than curing illness. Curing prayer has the ready-made doublet (VITZ / CH'EN, 'mountain / cave') for such witching places, as in the following line from an anti-witchcraft

ceremony, where the shaman asks the deities whether an enemy has approached them with a soul for sale.

(16) petucure05 mi o bu ta jun vitz / mi o bu ta jun ch'en Did it happen on one mountain / did it happen in one cave?

Other shamanistic ceremonies are specifically designed to fix the boundaries and thus protect the interiors of spaces where human beings spend much of their lives. Chobtik, 'cornfields', still the prototypical workplaces of most Zinacantecs, are by their nature perilous, outside the bounds of house and yard, and linked semantically to the te`tik, 'forests', in which they nestle. The forest, for Zinacantecs, is the prototypical wild place, and the fact that milpas are carved from the wild produces the juxtaposition which most characterizes this primordial workplace: familiar, cultivated, and yet not quite tame, not quite home.

Similarly, waterholes on which both man and plant depend are dangerous enough to merit their own forms of address, for example, in dedication rituals such as k'in krus, the festival of the Holy Cross in the month of May.¹³⁶

(17) t8202b140: land and water

chotoloxuk ta skotol ti ch'ul k'ak'ale / you all are seated every holy day /

chotoloxuk ta skotol ti - you are seated on every holy —

ch'ul muk'ta ninab vo`/ holy great spring /
ch'ul bik'it ninab vo` holy small spring

ch'ul ninab vo'etik / holy sources of water / holy sources of lakes

¹³⁵ T9801a.

¹³⁶ In earlier rimes, in Nabenchauk, the Zinacantec village I know best, k'in krus ceremonies were often organized by lineages which shared a common waterhole (called "sna" by Vogt 1969). These were occasions both to bless waterholes and to give them yearly maintenance. Now that water is piped into most Nabenchauk houses, and few families share responsibilities for maintaining wells, the ceremony has become both more general in focus and less communal in its social organization.

In k'in krus ritual, shamans often make a special plea to the Earth Lord to withdraw from cornfarmers' paths the snakes that are his most feared emissary.

| (18) kkrus2b | |
|----------------------------------|------------------------------------|
| mu k'u spas uk un / | may nothing befall him / |
| mu k'u snuptan uk un | may he meet nothing |
| mi oy ti yu latz'unobe / | should there be what you have |
| mi oy te yu lavovole | planted / should there be what you |
| | have sown |
| chak'ejbon ech'el sbe/ | store it away his path / |
| chak'ejbon ech'el xane | away from his step |
| ta jot o osil / ta jot o balamil | on another side of the land / |
| | another side of the earth |
| mu sibtasbiluk spat / | may his back not be frightened / |
| mu sibtasbiluk yu xokon | may his side not be frightened |
| tavalabe / tanich'nab | your child / your offspring |

In the same way, shamans ask the Earth Lord to moderate the winds and storms that threaten to rob his children / offspring of the legitimate product of the sweat of their brows / their faces.

/19\+8208b452

| (17) 102000432 | |
|---|---|
| lekil me makik un / | cover well / |
| lekil me vetz'ik un | put well away |
| ta ba vitzuk me / ta ba stzelejuk me | may it be on the mountaintop / on |
| | the ridgetop |
| ti jun ik'e / ti jun sike | the one wind / the one cold |
| yu`un laxojobalike/ | for your sunbeam / |
| yu`un lanak'obalike | for your shade |
| yu`un i svokolike / yu`un i yik'iti`ike | for their suffering / for their trouble |
| yu`un i xchik'ike / yu`un i ya`lelelike | for their sweat / for their juices |
| lavalabe / lanich'nabe kajval | your child / your offspring, my lord |
| sta to ti jjope / sta ti i jk'ete | may they find a handful / may they |
| | find a fistful |
| | |

| 🎉 (20) t8208b452-4th cross at Nvo G | Guerrero |
|---|---|
| ch'ul yajval ch'ul lum / | holy lord of holy earth / |
| ch'ul yajval ch'ul osil | holy lord of holy land |
| ch'ul yaxal lumal tok / | holy blue fog / |
| ch'ul ik'al lumal toketik | holy black fog |
| ch'ul muk'ta ninab vo'etik / | holy great spring / |
| ch'ul bik'it ninab vo`etik ch'ul ninab nabetik | holy small spring holy source of lakes |
| k'u yepal un jtot / k'u yepal un kajval | how much, my father / how much my lord |
| maltabil ta axojobale / | your sunbeams will be irrigated / |
| maltabil ta anak'ubale | your shade will be irrigated |
| mu jinesbiluk / mu vuk'esbil(uk) | may they not be blown down / may they not be blown over |
| ya`lel yu abaik / ya`lel yu asatik | the drops of your brow / drops of |
| | your face |
| sjaxobil avokik – | the cleanser of your legs — |
| lekil va`luk / lekil tek'luk | may they stand well / may they be well upright |
| t.axojobale / t.anak'ubal- | your sunbeam / your shadow |
| ch'ul ba vitzetik / ch'ul ba stzelejetik | holy mountaintop / holy ridgetop |
| ch'ul reyetik / ch'ul anjeletik | holy kings / holy angels |

Not only wind and rain, but also earthquakes and other disasters threaten the well-being of humans. Shamanistic prayer addresses such natural forces directly. Shamans link the quadrilateral bounding of humanly occupied spaces with the cardinal directions that bound the earth itself. A cornfield has its four sides, each protected by the watchful gaze of the deities.

| (21) t8208b452-4th cross at Nvo G | uerrero, cornfield ceremony |
|--|--|
| anichim ba / | speak to each other at the four sides of your flowery face / |
| k'opon abaik ta chan jechel anichim sat | speak to each other at the four sides of your flowery visage |

ti yajval ch'ul vinajeloxuke / ti yajval ch'ul balamiloxuke for you are the lords of holy heaven / you are the lords of holy earth

In much the same way, the *chanib eskina*, 'four corners', that enclose a new house during its dedication ceremony represent the bounded, protected universe in microcosm. A space as consecrated by prayer has a typical, quadrilateral geometry.

(22) t843a48 Earthquakes-house dedication

svik'obil tu vu satike / skuxobil ti yo`ali ta yo xmale / ali ta yu sakube ali ta yu k'ak'ale / ali ta yu ak'ubale yu`un avalabik un / yu'un anich'nabik un mu me xach'aybekon ti spat e / ti vu xokone mu me jipbiluk tal yu xmal un / mu me jipbiluk tal ti yu sakub un yajval ch'ul vinajeletik / yajval ch'ul balamiletik mu me xbak' tanichim baike / mu me xbak' ti vuchan jech ti chotlebike/ chan jech ti svutz'lebike chan jech ti svik'obil satike / chan jech ti skuxob(il yo`on)

o'lol ch'ul k'ok' / o'lol ch'ul yut na

o`lol svik'obil sat /
o`lol skuxobil yo`on
ti yu avalabe / ti yu anich'nabe

awakening place of their humble eves / resting place at dusk / at dawn in the day / in the night for your children / for your offspring do not throw away their back / their lowly side may they not be discarded at dusk / may they not be discarded at dawn lord of holy heaven / lord of holy earth may your flowery face not move / may ... four sides their sitting place / four sides their kneeling place four sides the awakening place of their eyes / four sides the resting place of their heart center of the holy fire / center of the center of the awakening place / the resting place of your child / of your offspring

As this last prayer suggests, in addition to the four corners or boundaries, touses also have o'lol, 'middles', considered by Vogt (1976) to be the nost vulnerable spot in the house since it is far from the ritually secured torners. Those things to which prayer ascribes an o'lol or 'center' include, in addition to the earth and heavens themselves, the hearth and house to'lol ch'ul k'ok' / o'lol ch'ul yut na), the eating place / drinking place, the blace of sitting / kneeling (chotlebike / svuz'lebike), and the place of rest to'lol svik'obil sat / o'lol skuxobil yo'on).

Being away from home, on the road, is fraught with danger, and travelers are especially vulnerable. In recent times, as Zinacantecs and other zotzil speaking Indians from Chiapas have made their ways across borders and even oceans in search of work, shamans and patron saints are kept busy guarding their sons and daughters far from home. 137 Of course t has long been true for Zinacantecs that productive life requires travel, paptured in such doublets as be / xan, 'path / pace', tek' / xan, 'step / pace' references to the (once) standard mode of travel on foot- and yal / muy, to descend / to ascend', hat / ech', 'go / pass', and lik / totz', 'start out / have (lit., be lifted off) home (conceived of as a place to which one sticks, ke a tortilla to a hot griddle)', verbs that capture both the traveler's vared trajectories across the territory, and a certain reluctance travelers may cel to set out at all. In a curing ceremony for a senior ritual advisor, who referred to indirectly as ba'yi c'ul jxanavel / jbeinel, 'the first holy walkr / the first holy traveler' (because of the ritual circuits and cycles of viss over which he must preside), the shaman asks his divine addressees to rotect the patient as he moves across the landscape. He refers to the patient's movements, in both ritual and everyday life, as follows:

23) m145-48 **''us**i chanav, k'usi chbein **''usi** chyal un / k'usi chmuy un

should he walk / should he travel should he go down / should he go up

The specific of the cabecera of Chamula. He spontaneously improvised a series of prayers ro protect me wherever I traveled / walked, whether on bus / train, car / airplane."

The road or path on which one moves is itself presented in prayer as an inherently dangerous, exposed place, where ones troubles may be on public view, and where, likewise, the evil activities of a witch or other wrong-doer can be recognized and exposed. The dangers of the public eye, fixed on the path, are neatly encapsulated in the etymology of the doublet: *be / ileb*, 'path / place of seeing'. ¹³⁸ In the following fragment of an anti-witch-craft prayer, the shaman asks that the witch's prayer be silenced as he walks the public paths, where he is, that is, exposed to public view.

| (24) petucure04 | |
|-------------------------|------------------------------------|
| makbiluk ta be/ta ileb | may it be blocked on the path / on |
| | the place for seeing |
| ti ye / ti sti`e kajval | his mouth / his lips, my Lord |

On the other hand, judging by the imagery of place in prayer, even staying "home" is in itself no protection from danger. The standardized doublets of prayer characterize home as bounded by its corners and its roof (ba te' / ba texa, 'top of the rafters / top of the tiles'), as a place to guard ones possessions (na / k'uleb, 'house / place of wealth'), as a place to rest in comfort (chotleb / vutz'leb, 'place to sit / place to be bent over') or to take nourishment (ve'eb / uch'eb, 'place to eat / place to drink'), and as a set of linked domestic spaces (o'lol yut na / o'lol amak', 'middle of the interior of the house / middle of the yard'). As we have seen in fragments of prayer, home is secured by shamanistic ritual designed to seal it against intruders of all sorts. Yet encounters with such demons as j'ik'aletik, 'blackmen' (see Blaffer 1972, Laughlin 1988) show that one can be a target while at home as well. My goddaughter Mal had gone only a few meters from her house one dark night when a supernatural blackman came bursting through the fence around her yard, striking her dumb and leading to a prolonged illness.

(25) Video 93.06, 47:18:19, cepmalps.trs

352 ch; we heard something while we were squatting

356 there was a strange noise down by the house

| 358 | | It went like this |
|-------------|-----|--|
| 359 | | ((knock knock knock knock)) |
| 360 | m; | Just like that, a knocking sound |
| 378 | ch; | I didn't pay much attention |
| 380 | | but just a moment later |
| 381 | m; | I didn't pay attention either |
| 383 | | I just heard the noise |
| 38 <i>5</i> | | "Where is that coming from?", I thought. |
| 387 | | At that moment my brother Mariano's child was crying |
| 389 | | "Why perhaps the baby got frightened", I thought |
| 392 | | I thought maybe that woman had frightened her child. |
| 393 | | "Perhaps she's come out to comfort it", I thought. |
| 395 | | There was a knocking sound. |
| 397 | | I turned around this way to have a look. |
| 399 | | That's when I heard it come with a crash! |
| 4 00 | | It came right up to the tree. |
| 4 01 | ch; | We have a gate there |
| 4 02 | m; | = Our gate is there |
| 4 04 | ch; | It banged its arms on it |
| 4 07 | m; | It did like this to the plank fence. ((spreading it wide)) |
| 4 09 | | It's awful belly was white |
| 4 10 | | And the rest of it was black |
| 413 | | I screamed |
| 414 | | Though I wasn't aware of screaming. |
| | | |

In their narrative about this encounter Mal and her husband paint a picture of the enclosed domestic space—the house, the yard, the sitio enclosed by fence, the gate, a familiar tree, the nearby yards of the neighbors—and juxtapose this image with the violation of the space by the demon who bursts upon the scene.

To summarize: in this first part of the paper we have seen how the stylized Tzotzil of Zinacantec ritual portrays geography, both quotidian and sacred. This geography starts with the notion of *balamil*, the earthly surface upon which human lives are played out, but imbued with a life of its own, the ability both to nourish and to destroy the people who dwell

¹³⁸ See also Haviland and Haviland 1982, 1983.

upon it. Fragile souls may become detached from bodies and remain trapped on the *balamil*, as a result of fright or from the malice of others. The *balamil* is also the domain of the Lord of the Earth, whose creatures both feed and assail humankind, and whose appetite for souls to work his subterranean fields is voracious.

Prayer further distinguishes and attributes powers to specific aspects of the surface of the earth. Mountains and caves are places of special access to the beings, both well- and ill-intentioned, that inhabit earth and heaven. Forest and waterhole are similarly singled out for respectful treatment and care, as domains of the Earth Lord. Cornfields –carved from this domain– also require special protection, among other things against the destructive forces of the earth itself: devastating winds, earthquakes, thunder and lightning, all of which receive conventional ritual doublets and frames in prayer. Finally, even the most domesticated of spaces –paths trod by human beings, houses and yards where they dwell– receive special ritual attention, crystallized in the stacked images of parallel language.

The physical terrain of a curing ceremony

Let me now turn to the specific use of space in the process of shamanistic curing itself. Once a sick person or his or her relatives decide to mount a major curing ceremony –known variously as, among other things, –ich' ilel, 'receive a "seeing", –al –ba vokol, 'say to oneself a "difficulty", or –ich' jok'anel, 'receive "hanging" (that is, a ceremony in which a sacrifice is offered at a mountain shrine)–, costly and elaborate preparations must be made for a ritual which may last many hours and involve visits to several churches, crosses, and caves across the territory of Zinacantan and sometimes beyond. The shaman, once contracted, must make a series of geographical decisions –which sites to visit– along with a set of calculations about candles, flowers, sacrifices, food and drink to be dedicated to each place.

Work on Tzeltal prayer (Breton and Becquelin Monod 1989, Monod Becquelin 1993, 2000) long ago demonstrated that shamanistic prayer itself can recreate a virtual sacred geography of a community. When a

ritual space he or she reproduces in words the ritual circuit traced either fact or in principle by the curing party. Although I have never encounred such an elaborated spoken map in prayer in Zinacantan, there are milar manifestations of a virtual, imagined geography in Tzotzil curing, ith a few twists.

There are, first, long sequences in prayer in which the shaman calls out the names of saints and sacred shrines (the verb in Tzotzil for such naming tij, 'beat, strike, play'), involving them in the action of the moment. udiences to such prayer are not always able to follow the logic of the procession, in the context at hand. For example, the following extract is from ceremony to secure a new corn crop against wind; it was performed far bom Zinacantan, at a small ranch called Nuevo Guerrero near Villa Flos, in the central plateau of the Grijalva Valley where a group of Zinamtecs had established farming operations over several years. The curer vokes a progression of saints, some of whom are familiar to Zinacantecs their highland home, others who relate specifically to other lowland inches where Zinacantecs have farmed. The curer thus both appeals to e guardian deities of Zinacantan itself, in various manifestations, and at e same time acknowledges local places and their patron saints.

6) t88b45-4th cross at Nvo. Guerrero

'ul rey / ch'ul anjel / ch'ulmon me xak'opon abaik
hi`uk i ch'ul sinyor sansalvarol
ot / xchi`uk i ch'ul sinyor
nsalvarol kajval
hi`uk i ch'ul sinyor san mikel /
hi`uk i ch'ul sinyor san Manve
i`uk i ch'ul me` santamaria jme` /
ntamaria jkaxayil
i`uk i ch'ul santo meriko jtot /
riko kajval
mun k'opuk bi / komun ti`uk bi

holy king / holy angel / holyspeak together with holy Sir St. Salvador, my father / with holy Sir St. Salvador, my lord

with holy Sir St. Michael /
with holy Sir St. Manuel
with Virgin St. Mary, my mother /
St. Mary, my lady
with the holy Doctor my father /
Doctor lord
May the words be shared / may the

mouth be shared

Here the curer invokes the power of quite specific saints, in this case, as it turns out, exactly the saints that this shaman keeps and consults at his own personal household altar. That is, he starts with his own divine familiars, starting his homage with those closest to him personally.

chi`uk i ch'ul kalvaryo ta o`lol ch'ul vinajel / chi`uk i ch'ul pagre eterno itot vinajel / chi`uk i ch'ul vaxakmen ta o`lolchi`uk i ch'ul santo (???) komun k'op un / komun ti`uk chi`uk i ch'ul sinyor sanvisente jtot /

vaxakmen jtot / vaxakmen kajval...

sinyor san visente kajval

With holy Calvary in the center of holy heaven / with the Holy Eternal Father, my Lord chi'uk i ch'ul vaxakmen to o'lol ch'ul with the holy creator in the center of heaven / with the holy creator in the center of with holy St. (???) may the words be shared / may the mouth be shared with holy St. Vincent my father / Sir St. Vincente my lord Creator my father / creator my lord...

The shaman proceeds to name several generic saints, finally invoking the saint for whom the distant place where they currently find themselves is named: St. Vincent.

chi`uk i ch'ul sinyor iskipula jtot / with holy Sr. Esquipulas father / iskipula kajval Lord santorenso / santorominko St. Lawrence / St. Dominic tzauke ch'ul marya rosaryo / marya take heed holy Mary Rosary / Mary kantelaria Candelaria nichimal ch'ul jmanvanej / Flowery holy buyer / nichimal ch'ul itojvanej flowery holy payer santo ta trapich jtot / Saint in Trapich father / santo ta trapich kajval Saint in Trapich Lord

The shaman goes on to name the most important patron saints of Zinacantan, their home community -the Señor of Esquipulas, St. Lawrence, St.

Dominic, the Virgins of the Rosary and Candelaria, and Christ himselfbefore again returning to local patron saints. The logic, if one is to be discerned, seems to be that of a mnemonic test: all saints, far and near, that may be relevant to the task at hand -protecting a young cornfield from wind and storms. The shaman must identify the supernatural protectors of local space, and tij them along with the protectors of home, in an apparent mixed sequence.

By contrast, in the following extract from a curing prayer performed at a roadside cross called ch'ul ton, 'holy rock', to the west of Zinacantan center on the path that leads from the sacred salt wells of Atz'am to the cabecera, the shaman anticipates exactly the shrines which she will shortly visit as the curing ceremony proceeds. She invites the deities of those sites in the valley of Zinacantan (the cross atop Calvary -the last stop of the curing party in Zinacantan Center- and the chapel of the Sr. de Esquipulas) to await her arrival.

(27) ch'ul ton ch; ta to la me ikejan / ta to la me ipatan ti ta kalvaryo ch'ul vinajel / ti ta kalvaryo ch'ul balamile: ti ta sakil ch'enal ch'ul vinajel / sakil ch'enal ch'ul balamil ti ta sinyor iskipula trapich jtot / ti ta sinyor iskupula trapich kajval

te smala yu jlumal / te smala yu kach'ela:l k'usi ora kejelon k'otel / patalon k'otel

I will make (my patient) kneel / I will prostrate (her) at Calvary, holy heaven / at Calvary, holy earth at the white cave, holy heaven / holy earth before Sr. Esquipulas of Trapich father / before Sr. Esquipulas of Trapich, lord There is awaited my earth / there is awaited my mud Whenever I arrive kneeling / whenever I arrive prostrate

There may also be retrospective acknowledgement of the shrines visited on a curing circuit. For example, on arrival at the house of the patient, after a grueling 36 hours trek from shrine to shrine, the shaman in the following extract recapitulates the major sites she has visited, or passed near

to, closing the circuit of prayer at the house where her patient will now recuperate for the next three days and nights.

(28) v9610150, Apas, house ch'ul marya rosaryo jme`/ ch'ul marya rosaryo jkaxayil ch'ul tonal ch'ul me`obtakil / ch'ul tonal ch'ul vixobtakil isak' ch'ul maretik / isak' ch'ul ajvetik

sakil ch'enal ch'ul vinajel / sakil ch'enal ch'ul lorva kalvaryo ch'ul vinajel / kalvaryo ch'ul lorya sinyor san kixtoval ch'ul vinajel / sinyor xanxkixtoval ch'ul lorya apasil ch'ul vinajel / apasil ch'ul lo:rya sakil ch'en vinajel / sakil ch'en ch'ul lorya

kalvaryo ch'ul totil / kalvaryo ch'ul me'il kalvaryo ch'ul k'ulebal / kalvaryo ch'ul kuxebal mi o chajtaik ta k'op un / chajtaik ta yu ti`uk yu'un ti jchamele une / yu'un ti jlajel une chamalabon li ora une / chamalabon li k'ak'al une sinyor sankixtoval jtot/ sinyor san kixtoval kajva:l Holy Mary Rosario mother / Lady

Holy Rock, holy mothers / holy sisters Potato, holy seas / potato, holy lords

White Cave, holy heaven / White Cave, holy glory Calvary holy heaven / Calvary holy glory Sir St. Christopher holy heaven /

Sir St. Christopher holy glory Holy heaven of Apas / Holy glory of Apas White cave holy heaven / white cave holy glory

Calvary holy father / Calvary holy mother Calvary holy treasury / Calvary holy resting place Have I reached you with words / with talk For the sick person / for the hurt person Await for me the hour / await for me the day Sir St. Christopher father / St. Christopher lord

harva sisil jme`— Mary Cecilia mother ich'o [drink!] marya sisil jkaxayil / Mary Cecilia lady

At the point in the prayer marked with *, the shaman briefly breaks rame and answers another participant who has toasted her, using the tandard response ich'o, 'drink!', but barely missing a beat in her parallel ecital of the relevant saints and their shrines.)

ik'it sisil jme`/ bik'it sisil jkaxayil Small Cecilia mother / Small Cecilia

lady akil ch'enal ch'ul maretik / White Cave holy seas / akil ch'enal ch'ul ajvetik White Cave holy lords

k'usi ti nopbile / k'usi ti p'isbile: What has been decided / what has

been measured

Holy Shoulder Mountain mother / ch'ul nek'eb vitzal jkaxayil lady ch'ul jch'abiej-chon / Holy guardian of animals / ch'ul jch'abiej-`osil holy guardian of earth

A different strategy is available to relate a curing circuit to the sacred geography. The curer in the following extract mentions a series of sacred sites in the cabecera of Zinacantan that would be relevant to this particular patient; then she acknowledges, with a somewhat extemporized doublet (shown with an arrow on the transcript), that in this particular ceremony she intends to visit only a few ("only one / only two") local crosses. She thus acknowledges a site which she plans to omit from a given ceremonial circuit, simply by incorporating it into her prayer.

(29) v9522037

ch'ul nek'eb vitzal jme`/

'**na** jojal yij / na joj k'on old Crow's Nest / yellow Crow's

muxul jme`/ muxul jkaxayil Snub-nosed mother / Snub-nosed

lady

ba ni`o` jme` / ba ni`o` jkaxayil Top Spring mother / Top Spring lady mu xa bu atek'el / mu xa bu axanel alavatinajebe / alatzebinajebe kajval

alatz'elik / alavich'onik kajval li` no me june / li` no me chibe ← You will not be stepped on / not be walked Your washing place / Your shampooing place, lord Your edge / your front, lord Here only one / here only two [shrines]

A curing ceremony is thus conceptualized, via prayer, as a journey from one sacred place -abode of a powerful force- to another. The house of the patient, starting and ending point of the curing circuit, is sacralized by the process of curing itself, especially via prayer. Indeed, the prayer emanating from the curer's mouth and embodied in his or her voice may represent the journey more faithfully or more fully than the physical bodies of the human participants as they trek across the face of the earth.

Virtual spaces

It is perhaps worth a short digression to examine the geography of virtual spaces, those which human beings cannot experience directly, because they are not found ta sha balamil, 'on the face of the earth', the realm of the universe available to waking souls. As I have mentioned, however, these other spaces can be visited in the journeys of the soul called vayich, 'dreams'.

These other spaces are also represented graphically in prayer. Ancestral deities are said to keep the animal spirits, which correspond to and represent individual human beings, inside great corrals inside the mountains topped by shrines. In prayer, these virtual spaces are referred to with the doublet yut mok / yut koral, 'inside the fence / inside the corral'.

(30) kalvaryo01 mi li` to la xavak'bon ta ye / mi li` to la xavak'bon ta sti` ala ch'ul xojobal e /

Will you here offer to her mouth / will you here offer to her lips Your holy sunbeam /

ala ch'ul nak'ubale: mi chavak'bon to ta yut amokik / mi chavak'bon to ta yut akoral un mi chavak'bekon to ta toyol / chavak'bekon to ta kajal

your holy shadow? Will you place her for me inside your fence / inside your corral? Will you place her for me on high / above?

In parallel with earthly scribes, who keep important records (lists of prospective office holders, fiesta contributions, dates, offerings at church, and so on) ta sha balamil, prayer invokes a divine scribe who keeps lists of mortal men. The doublets again combine Tzotzil roots with Spanish loans: vun / lapis, 'paper / pencil', and libro / tz'ib, 'book / mark'.

(31) petucure05 kajval / sinyor sekretario

ak'o ta avun / ak'o ta alapis / ak'o ta alibro kajval / ak'o ta atz'ib kajval

My Lord / Sir Secretary o'lol ch'ul vinajel / o'lol ch'ul gloria In the middle of holy heaven / holy glory Put in your paper / Put in your pen Put in your book, my lord / in your writing, my lord

Ritual speech also incorporates a series of virtual places, names for which are productively formed from verb roots combined with the suffix -eb(al), which implicate a sacred geography rarely made explicit beyond the discursive realm of prayer. For example, from the standard doublet tzob / lot, 'gather / form a pair', which is used in a variety of morphological guises to talk about gatherings and groups of any sort, one can form the placedoublet tzoblebal / lotlebal, 'gathering place / meeting place', which denotes a virtual venue for the communal deliberations of various deities. Similarly, in the following fragment of anti-witchcraft prayer, the curer conjures the image of the enemy witch, who is in turn praying to ask that his or her victim be brought to an untimely demise. This death of the victim is conveyed by among other things a reference to a virtual journey to lajebal / k'otebal, 'ending place / arrival place' -that is, ones final resting "place", death.

(32) petucure03

ak'o chamuk mi xi / ak'o lajuk mi xi "May she die", have they said / "May she end", perhaps they have

ak'o sk'u'un lum mi xi / ak'o sk'u`un ach'el mi xi

"Let her wear dirt", have they said / "Let her wear mud", perhaps they

have said

ak'u - ak'u batuk ta lajebal mi xi / (ak'u batuk ta k'otebal mi xi)

"Let her go to the ending place", have they said / "Let her go to the arriving place", perhaps they have

said.

said

Many aspects of this virtual geography are expressed in prayer by reference to a virtual sacred anatomy, in which deities are possessed of virtual bodies and bodily needs. A patient is put into divine care by being dispatched verbally ta yolon yok / ta yolon sk'ob, 'under the foot / under the hand', of a relevant deity. He or she is presented to the deity's attention by appearing ta sba / ta sat, 'before its face / before its visage', or perhaps ta stz'el / ta yichon, 'at its side / at its front'. The shrines themselves -scenes of sometimes prodigious consumption of candles, flowers, food, and drink- are sometimes described as 'the deities', ve'eb / uch'eb, 'place of eating / place of drinking'.

(33) ch'ul ton

x'elan ti kunen k'ope / ti kunen ti'e Thus is my little word / thus my

little speech

ti bu chixanave / ti bu chibeine jchi`uk i jchamele / jchi`uk i jlajele

Where I walk / where I travel With the sick person / with the hurt

person ja` no la yech sta ta yu lave`eb / ta yu Only thus has she found your eating

lavuch'eb

place / your drinking place

Or they may be described as vayebal / ta`lebal, 'place of sleeping / place of stretching out'. (In [34], both the curer and her patient echo such a reference in their simultaneous prayer.)

134) isaksmul

x; mu me xamajbekon un /

mu me xavutbekon u:n

ti ta ch'ul vayebal une / ti ta ch'ul

ta`lebal une

m; ta ch'ul vayebal / ta ch'ul ta`lebal

ta atz'el une / ta avichon une mi oy to li jmul une / mi oy

to li ikolo` une

Curer: Do not heat her /

do not scold her

Here in the holy sleeping placed / in the holy stretching out place

Patient: In the holy sleeping place / the holy stretching out place

At your side / at your front Have I still a sin / have I still an

evil?

Or in a final bodily image, in cornfield ritual asking for divine guarantees of rain, the reference is to the gods' atinajeb / tzebinajeb, 'washing place / shampooing place'.

435) kkrus1c

mi li` to xul ta p'ajel yo

avatinajebik / yu latzebinajebik

ijaxobil yu lavokik / sjaxobil yu

lak'obik uk une:

mi chamak'lantas to ti bik'ite / michamak'lantas to ti muk'e

ni chamak'lantas to ti p'ejele /

i luchul uk une

Will drops still arrive at your washing place / at your shampooing place? For rinsing your feet / for rinsing your hands Will you still feed the small /

will you still feed the large? Will you feed the round /

the perched?

Verbal geography: spoken representations of place in Tzotzil ritual speech

et me turn, finally, to a closer examination of the representations of place n Tzotzil prayer. The semantics of Tzotzil, especially the deictic system, ffords the curer a delicate instrument for tracking the movement of the suring party, and the stages of the ceremony, in both word and deed. That , deictic elements which keep the ritual firmly anchored in an (albeit constantly shifting) here-and-now are incorporated into prayer, providing a continually revised verbal map of the terrain as the ceremony proceeds.

Zinacantec Tzotzil makes use of a set of motion verbs that link topological configurations with deictically anchored perspectives and vectors. Productive morphology allows these verbs to appear in different guises, including auxiliaries and directionals, with the result that aspects of motion and direction can be incorporated into descriptions of many types of events and situations whose main verbs or predicates do not themselves encode direction or motion (see Haviland 1990). The resulting delicacy of deictic expression allows interlocutors to maintain a spatial perspective, and to trace shifting deictic centers and transpositions (Bühler 1934, 1982; Hanks 1990, 1992) in a wide range of discourse contexts where such spatialization is somewhat unexpected. Ritual discourse is no exception. Thanks to directional and auxiliary elements ubiquitous in Tzotzil grammar, prayer also remains deictically anchored, affording us a somewhat different view -with which I will end this exploratory essay- of the paths of curing and the geography of sickness and health, safety and danger in Zinacantan.

Several topological motion verbs are prominent in curing prayer. The first is kom, 'remain', which denotes the absence of motion and which is frequently anchored deictically by an explicit demonstrative (li`, 'here', or te, 'there'). Several prayer frames center on the root kom, and they emphasize that -while the circuit of curing (and of life) will continuesome things are to be left behind in the indicated space, most commonly ti jun chamele / ti jun lajele, 'the one sickness / the one illness'. Thus, while praying in the cave at Isak'tik, a curer beats her patient with pine boughs, intoning the following lines:

(36) majisak'

li` la xkom i ipe / li` la chkom i k'ux une kajval

pero li`chkom tave'ebe / tavuch'ebe: But here will stay at your eating place / your drinking place Here will stay one sickness / one pain, my lord

(37) v9521310: praying for Lol

mi li` ta x`olin komel / li ta la x olin ech'el

ti jun chamele / ti jun lajele

Will he recover to stay / will he recover to leave

(from) the one sickness / the one

injury

on his back / on his side? li ta spate / li ta xokone

The place of the moment thus becomes the receptacle for the patient's unwanted illness. Reversing the image, in the following extract from a house dedication ceremony, it is the owners themselves who will remain 'seated / settled' in the place of utterance, the center of the new house.

(38) comit113

chanib eskina jtot / chanib eskina

kaival

ch'ul balamil / ch'ul vinaiel ch'ul rey / ch'ul anjel

yajval lum / yajval osil kajva:l

li`ta jchotan komel / ta jvutz'an

komel

lavalabe / lanich'nab une kajval

four corners, father / four corners,

lord

holy earth / holy heaven holy king / holy angel

lord of earth / lord of land, lord here I leave seated / I leave kneeling

your child / your offspring, my lord

Another topological motion verb is lok', 'exit', whose semantics imply passage from inside to outside of a bounded space. In (39) the shaman conceptually laminates two spaces conceptualized as bounded; she prays that her patient not be ejected from either. The patient in question is the son-inlaw of a Zinacantec who himself comes from another, somewhat poorly regarded Tzotzil township. Having married into the village, he has fallen ill, presumably because of the jealousies of his brothers-in-law. The curer prays for the man not to be expelled, in the first instance from the "corrals" of the ancestral deities, but by implication, from the village as well.

(39) v9522037

mu xach'ayik lok'el / mu xatenik

Do not drive out / do not chase out

lok'el

yutuk amokik un / yutuk akoralik un May she stay inside your fence / inside your corral avilojik li svokoilik / avilojik li yik'ti` You have seen the suffering / the miserv

of your child / of your offspring tavalabe / tanich'nab une kajval

Deictically anchored motion verbs, used as auxiliaries and directionals in curing prayer, provide a constant tension between two contrasting places. the two end points of a vector anchored at one end in the here-and-now (Tzotzil li, 'here') and at the other in some there-then (Tzotzil te, 'there'). Individual roots differ with respect to the deictic orientation (toward or away from 'here') and to the focus on different parts of the vector (setting out νs . arriving).

For example, the root k'ot means 'arrive there'. In curing prayer it frequently anticipates arrival at future places on the curing circuit, with promises of visits to be made, sacrifices to be offered.

(40) pcvb00450 chijil me yu labaik une / chijil me May your face shine forth / may your visage shine ti yu lasatik une How much, my father / how much, k'usi yepal un jtot / k'usi yepal my lord un kaival te me chk'ot ta ilikel / te me chk'ot It will arrive in a moment / in ta cha`-likel two moments It will appear / it will dawn ta xvinaj / ta x`osilaj Her lowly pine / her lowly candle i yu stoj / ti u skantela

The semantics of k'ot encapsulates the telos of curing: reaching certain places, and thereby achieving certain states. Typical frames which incorporate k'ot refer to the arrival at a shrine for the sacrifice of a rooster (jelol / lok'ol, 'replacement / substitute', for the patient, which will tajin / muyubai, 'play / rejoice', that is, flop around after its neck has been wrung), or of the anticipated arrival of such offerings as candles (toj / kantela, 'pine / candle') and incense (pom / ch'ail, 'incense / smoke'), considered food for the gods (Vogt 1976). They may anticipate the trajectory of curer and patient, who will arrive at the new place kejel / patal, 'kneeling / prostrate'. Or, such k'ot frames may introduce the image of a witch who is expected to head for some unnamed not-here to perform acts of evil.

(41) petucure03 te xa me kejel ik'ot I suppose someone has arrived kneeling mi o much'u sa`son sjol / If someone has sought with his head / o much'o sa`son yo`on with his heart If someone has called on your head/ mi o much'u stij ta ajole / (mi o much'u stij tavo`on) / vour heart mi o much'u xi`xon k'otel / If someone has arrived crying / mi o much'u xpojlaj k'otel, kajval if someone has arrived banging, my lord

The verb root tal means 'come'. It expresses a vector oriented towards 'here', but focused on setting out in this direction, anticipating but not yet arriving 'here'. In curing prayer, frames involving this verb are appropriate to expressing motivations for ones visit to the present place. Such frames may describe the shaman's or the patient's intentions or motives for visiting a given shrine:

(42) sample frames with tal tal jok'antik un / tal jtzoyantik un I have come to hang up / I have come to attach (i.e., entrust my

pat ient to your care)

lilijem xa tal un / kokojem xa tal un He (i.e., the patient) has come

broken in pieces / he has come

fallen to pieces

ja` ti svokol talel une / ati ti yik'ti` talel une

His (i.e, the patient's) hardship coming / His suffering coming

Or they may call the addressed deities forth, to surround and protect the curing party and its patient.

(43) calls to deities joylan talel un / chijlan talel un

te xa me tal sk'elel / tal yilel

Come surround us / come enclose us! He (the patient) has come to be watched / has come to be seen

Several of these lines can be seen in the context of a curing prayer offered inside the church of San Lorenzo, the patron saint of Zinacantan.

(44) inside Santorenso: t992a00 k'u si yepal tal jok'antik un / tal jtzoyantik un ti li` ta yu lak'ob une / ti li` ta yu lavok une ti yu lavalab une / ti yu lanich'nab une abol xa sba / utz`utz xa sba un pagre santorenso / pagre santorominko

skiloj xa tal ti spate / skiloj xa tal ti xokone: ja` ti svokol talel une / ati ti yik'ti` talel une yech'o un jtot / yech'o un kajval joylan talel un / chijlan talel un

mi li` to la x`olin li chamele mi chajoyp'inbon tal ti xch'ulel / mi xajoyp'inbon to tal ti yanimae

k'elavil un li` une jtot / k'elavil un li` Look here, father / look here, lord un kajval

how much

we have come to hang up / we have come to suspend here at your hand / here at your feet

your humble child / your humble offspring she is suffering / she is in pain father St. Lawrence / Father St. **Dominic**

She has dragged forth her hack / her side She has come in suffering / she has come in pain Thus it is, father / thus it is, lord Come surround us / come shine forth Will the sickness stay here? Will you round up the soul for me /

will you round up the spirit for me?

ati svokol ta xmale / ati svokol ta sakubel li `une ja` me yat o tal ti sjolike / yato o tal ti yo'onik une li' une abol xa li sba une / utz`utz xa li sba une:

lilijem xa tal un / kokojem xa tal un She has come broken / she has come

She is suffering at dusk / suffering at dawn She has come with worried head / she has come with worried heart She is suffering / she is in pain

falling apart ayjanel xa tal un / uyjanel xa talel une She has come saying "ay" / she has come saying "uy"

The root yul, 'arrive here', is somewhat the reverse of k'ot, focusing on the endpoint of a vector that ends in the here-and-now. In curing prayer, frames built around yul suggest the immediacy of arrival, and the power of the current place. Thus, for example, when the shaman arrives at the final stop of her circuit -her patient's house- in the following fragment, she emphasizes that she has returned, and that she now approaches the house cross, on bended knee, to make the final offerings on her patient's behalf.

(45) v9610150, Apas, house livalk'uj o / lisutp'ij o talel ti ta yolon yok une / ta yolon sk'ob une ti marya rosaryo / ti marya xinulan une mi lekil ch'ambil un / mi lekil nopbil un ti yu stoj une / ti yu skantela une

ja` no me kejelon o yulel / ja` no me For that alone am I arrived here patalon o vulel

I have come back / I have returned Under the feet / under the hands

of Mary Rosario / of Mary the ladina Will it be well received / will it be well thought of Her lowly pine / her lowly candle?

kneeling / am I arrived here prostrate

The image of immediacy and power in the place where one now is can also be transposed to other actors. In the following extract from antiwitchcraft prayer, the curer invokes the image of a witch coming to the very same spot to sell souls

(46) kalvaryo01 mi ta utz xa tal / mi ta kolo` xa tal

mi oy van bu tijbil yu lajolik / mi oy van bu tijbil yu lavo`onik ti kilil xa yulel / ti votzol xa yulel

•••

mi oy van much'u sa`son tal sjol / mi oy van much'u sa`son tal yo`on

mi oy van much'u staojoxuke ta k'op / -mi oy van much'u staojoxuk ta na`el ti ik'ak'al o`on e / ti itzaial o`on e

ti jk'ak'al o`on e / ti jtzajal o`on e mi oy van bu yalem yok / mi oy van bu yalem sk'ob Have they come for good / come for evil

Has your head been summoned /
has your Heart been summoned
Have they arrived dragging / have
they arrived huddled

...

Has anyone come looking [for trouble] with head / has anyone come looking with heart
Has anyone reached you with words / has anyone reached you with longing

The jealous heart / the red heart Has someone's leg descended / has someone's hand descended?

Because the places of curing are more powerful than ordinary places, deictic manipulations of these spaces are themselves powerful. When specific heres or theres are endowed with supernatural force, their invocation through spatial language and in particular these topological and deictic verbs (see diagram) in prayer brings their power into the deictic center where prayer takes place and relates it to the curing party's trajectory across the territory.

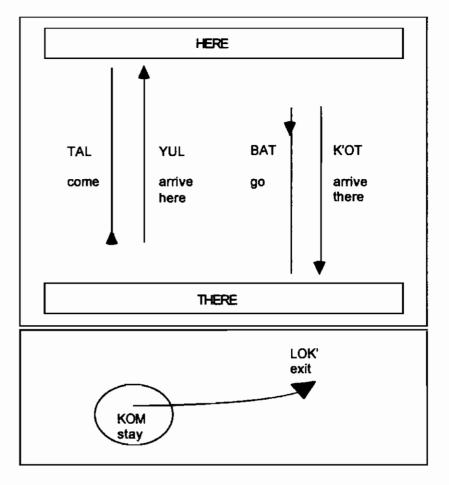


Diagram. Tzotzil deictic verbs

Conclusion: the linguistic enactment of space and the semiotics of indirection

Tzotzil prayer, like other genres of ritual language, makes a virtue out of not quite saying what it means: it is indirect, roundabout, divided in its imagery, and evasive in accepting responsibility for its own words (DuBois 1986). It alludes, invites inferences, comes around through back doors. Its

conventional frames and doublets both encapsulate standardized concepts in the matrix of social activities where prayer occurs, and also permit a semiotic flexibility to apply the genre in new ways. I have tried to exploit both the standard and the creative here.

As with most of our analytical categories, space and place are largely projected onto the world via the interactive discourses that constitute the bulk of social life. Zinacantecs, of course, talk about space all the time, and the semantic resources that ground this talk have been the subject of considerable previous research. I have chosen to look at place as depicted in Zinacantec ritual language first because shamanistic prayer focuses explicitly on place and the physical terrain of the community, and because the language juxtaposes conventionalized stereoscopic imagery —encapsulating cultural stereotypes of kinds of places, and ways of talking about them— with semiotic malleability in the creative tailoring of ritual talk to the precise moment of its production.

What emerges is a view of space and place suffused with a profound ambivalence, an ambivalence that underlies much of Zinacantec cosmology and in turn grounds Zinacantec theorizing about illness and healthy. A place may be at once nurturing and dangerous, a site both for performing and for reversing witchcraft, a house one to inhabits in peace and in which one guards ones wealth in, or in which to tremble in fear and look high and low as the walls collapse. The dangerous mountaintop / hilltop, is at once an exposed graveyard, a vulnerable cornfield, and the abode of gods, ancestors, and the Lord of the Earth with his snakes, clouds, and thunder following close behind. The earth itself, *balamil*, where all the places humans live are to be found, exhibits the same ambivalence: source of wealth and sustenance, but infinitely dangerous and potentially hostile; subject to exploitation and use, but treacherous and vengeful.

The method, I submit, also recommends itself. Prayer is the most specialized of speech –so specialized, indeed, that by Zinacantec theory, it cannot be learned, but must instead be bestowed directly on its practitioners by divine inspiration, normally in a dream. Its semantic tools have been honed by centuries of poetic tradition, and they thus dissect the world into its most carefully worked bits and pieces. Prayer is also the most efficacious talk imaginable: it is pure performative, unalloyed speech act,

first and foremost doing things with words. In curing, it conveys the desires and tracks the actions of its protagonists. Therefore, just as a curing party makes its way deliberately across the landscape, so too does prayer follow the spatial progress of the ceremony, giving us an elaborate if sometimes oblique verbal map of the sacred geography of the process of the cure. Prayer also affords us glimpses of those virtual spaces which are beyond the reach of ordinary powers of perception, acting thus as a unique lens on aspects of Zinacantec geography not otherwise accessible. It is also through prayer that Zinacantecs guarantee the irrelevance of place, and secure the protection *kajvaltik*, 'Our Lord' (if not of the Lord of the Earth), in whatever place they may find themselves, whether near or far:

(47) ch'ul ton

bu xixanav / bu xitzunet

ilon to me un / k'elon to la me un

•••

x`elan ti kunen k'op / x`elan ti kunen ti`

ti bu chixanave / ti bu chibeine itot / kajval wherever l travel / wherever l am huddled continue to see me / to watch me

thus are my few words / thus is my little mouth wherever I travel / whatever my path my father / my lord

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A GARDEN EXPERIMENT IN THE MAYA LOWLANDS

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I. Introduction and Overview: The Garden Experiment

Using a variation on an experimental paradigm from biology, we distinguish the influence of certain socio-cultural factors (cognitive models, social networks) from economic, demographic and ecological factors sources and level of income, family and population size, habitat and pecies) in environmental management and maintenance. In a "garden experiment," when members of a species have different phenotypes in different environments, samples are taken from both environments and eplanted in only one. If the differences still exist, they are likely genetic two genotypes); if not, then they are probably environmental (one genotype producing two phenotypes). Similarly, plausible evidence for the importance of culturally transmitted factors on behavior is data showing hat groups of people who have different social histories and collectively dentifiable mental make-ups behave differently in the same physical environment.

Physical and psychological measures show that three groups living off he same rainforest habitat manifest strikingly distinct behaviors, cognions and social relations relatives to the forest. Only the area's last native daya (Petén Itzá') reveal systematic awareness of ecological complexity volving animals, plants and people, and practices clearly favoring forest generation. Spanish-speaking immigrants prove closer to native Maya in tought, action and social networking than do immigrant Maya (Q'equi'). There is no overriding "local", "Indian" or "immigrant", relationing to the environment.