NEW BLOOD FROM AN OLD STONE

EMILY UMBERGER

In this paper I am reconsidering a great "stone of the sun", the featured monument type in the 1581 Historia de las Indias de Nueva España by Fray Diego Durán, the Dominican chronicler. The monument is the sacrificial stone known to modern scholars as the Stone of Tizoc (Fig. 1). Durán actually saw it when it was unearthed in the third quarter of the sixteenth century from the Plaza Mayor of the new colonial capital of New Spain, beneath which it had been interred since the destruction of the Aztec city of Tenochtitlan in the 1520s. Durán subsequently matched the monument to a passage in the Nahuatl history he was using as the basis for his own chronicle—a passage describing a sacrificial stone commissioned by Motecuhzoma Ilhuicamina (Motecuhzoma I) for the immolation of prisoners from the Mixtec area (Durán 1994: 186-88). In reality, the described monument must have been the Motecuhzoma I Stone, the first of the type with conquest scenes, which was unearthed from the patio of the Ex-Arzobispado Palace in 1988 (Pérez Castro et al. 1989; Solís 1992), whereas the very similar Tizoc Stone was carved some twenty years later.

It is the discovery of the new monument that draws attention back to the Tizoc Stone. Well-known since its second resurrection from the Plaza Mayor in 1791 (León y Gama 1832: 46-73; Orozco y Berra 1877; Seler 1929: 44-50), the Tizoc Stone has been taken somewhat for granted in recent decades. Constantly reproduced but rarely seen anew, it is used most often to answer the same two questions: (1) What victories are represented by the hieroglyphs on it? And (2), what evidences are there of incipient phoneticism in these glyphs? The two most recent approaches of length contributing new views are those of Charles Wicke.
(1976) and Richard Townsend looked at the conquests and the conquered places, and demonstrated that the Aztec domain in general was rather small. Townsend looked rather at the conquests as a cosmogram in which Aztec expansion of sacred space. Enlargement of terrestrial space is not the only way of expanding the sacred. Interpretable possibilities remain within the basic research and observations.

The Tizoc Stone was carved on the Templo Mayor platform (see banches). It was then polished. It may have been at one time blanked out with a thin coat of red paint, (on one pair of figures). It probably was carved in a stone that is the form of a cylindrical block, 2.88 meters in height, 1.35 meters in diameter, and 0.38 meters thick. The original stone was probably a single piece, and it is a huge image of the sun; a man, a victor, and captive figures between them. A single important is the pair with the “leg” glyph of the ruler Tizoc’s Sitectlihe glyph as from the Matlatzincotla Valley.

All victor figures wear arched headdresses of the type seen on the monolith of the smoking mirror and “aztec” Tezcatlipoca was the god who appeared just before the rise of Huitzilopochtli. Subsequently, after Mexica helpers, Tezcatlipoca became somewhat of a “captive” figure. Figures here represent him as a special governor of the empire. The principal characters are figures of the empire figure, in addition to the Toltec figures with headdresses that identifies him as “bird-left”. In contrast to the victor figures with bird costumes. The implication is that of capture, that is, without notice. Nochca-Aztec victor figures are a way to replace it, as was also true.
(1976) and Richard Townsend (1979: 43-49). Wicke reidentified the conquests and the conquered figures as deities specific to the places, and demonstrated that these were intended to represent the Aztec domain in general, not the specific victories of Tizoc. Townsend looked rather at the monument's form, considering it as a cosmogram in which Aztec territory corresponded to the expanse of sacred space. Enlightening as these two studies are, interpretive possibilities remain unexhausted. Even some rather basic research and observations are still to be done.

The Tizoc Stone was carved from a dark brown andesite, which was then polished. It may have remained unpainted or it was covered at one time with a thin coat of red (there are traces of red especially on one pair of figures). It probably was not polychromed and the original stone was probably also visible at times. The monument is in the form of a cylindrical solid and measures 2.60 meters in diameter by .88 meters in height. Featured on its upper surface is a huge image of the sun; around the sides are fifteen pairs of victor and captive figures between earth and sky bands. The most important is the pair with the victor identified by the "punctured leg" glyph of the ruler Tizoc and his captive identified by a "net" glyph as from the Matlatzinco area, that is, the modern Toluca Valley.

All victor figures wear archaic Toltec costumes (Figs. 2 and 3) of the type seen on the monumental atlantean figures at Tula, and the smoking mirror and "smoking leg stump" of Tezcatlipoca. Tezcatlipoca was the god who dominated the Valley of Mexico before the rise of Huitzilopochtli, the Aztec-Mexica tribal god. Subsequently, after Mexica hegemony, Tezcatlipoca seems to have become somewhat of a "cadet" to Huitzilopochtli. The fourteen figures here represent him probably as the war captains or provincial governors of the empire (Townsend 1979: 46). The Tizoc figure, in addition to the Toltec costume, wears the hummingbird headdress that identifies him as Huitzilopochtli, "hummingbird-left". In contrast to the victors, the captive figures wear non-Toltec costumes. The implication is that they have become "Chichimecs" upon capture, that is, without rights to dominion, while the Te-nochca-Aztec victor figures are the inheritors of "Toltec" superiority (Umberger n.d.: 136-37; 1996).

Originally, the Tizoc Stone must have been located on the 1487 Templo Mayor platform (see below); presumably it was moved later to a less prominent spot, when a new sacrificial stone was created to replace it, as was also true in the case of the Motecuhzoma I.
2. Tizoc as Tenochca Huitzilopochtli in archaic Toltec garb and conquering Matlatzincatl, also called Tlamatzincatl (the god Coltzin) on the Tizoc Stone. Drawing by Emily Umberger

3. Conquest of Tlatelolcatl (Tlatelolca Huitzilopochtli) on the Tizoc Stone. Drawing by Emily Umberger
Stone (see Pérez Castro et al. 1989: 148-49; Alvarado Tezozómoc 1980: 398). Seemingly the monument was not buried as an offering or encased within a rebuilt structure in preconquest times. Like other sacrificial stones, it was probably near the surface when it was excavated during the building of the Mexico City cathedral, begun in 1563 (Durán 1994: 187). Felipe Solís (personal communication 1997) believes it was found fairly close to its final preconquest location.

To begin our reconsideration, the Tizoc Stone would benefit from a thorough physical examination, not only stylistic but also technical and scientific. Although not the subject of this short paper, several observations can be made. First is the use of a dense polished, presumably unpainted, stone. In contrast, the two great datable state monuments created before it—the Motecuhzoma I Stone of about 1455-65 and the Great Coyolxauhqui Stone of about 1465-75—are of unpolished volcanic stones that were subsequently painted. Why is the Tizoc Stone made of a different material? In this respect, it is like the monumental greenstone sculptures that were made at the same time for the 1487 Templo Mayor rebuilding—the great Coyolxauhqui Head and the Dedication Stone. It might be asked whether a different team of artists was employed—a team of lapidary artists who used the cylindrical drills and saws whose distinctive marks are still visible on them. Although important lapidary works were created throughout imperial times, it seems that only in the 1480s were the most important images of state made of such dense, polished stones.

Questions also arise as to the different sources of stone used for Aztec sculptures. In a polity that demanded the materials for monument manufacture and labor from prospective enemies, the materials themselves might be significant. Worn and destroyed parts of the monument should be considered too: not just the canal cut across the top, which is much discussed, but also the wearing of the upper surface and the consistently mutilated faces of all figures. This last is seen also in the Motecuhzoma I Stone, but the faces are nicked and most are not seriously damaged. This then might be a preconquest mutilation, but for what purpose? The wearing of the upper surface is interesting, in that the polished layer is totally gone; the stone looks almost "peeled" in places. Could this be the result of ordinary weathering or did it take a stronger chemical to dissolve the stone, like sacrificial blood?

The Tizoc Stone has long been connected to the short reign of the ill-fated Tizoc, who died only five years after he came to the throne, accomplishing nothing much beyond the beginning of a
new phase of the Templo Mayor. It is still to be matched more exactly to the historical events of its time. This is not difficult to do using the evidence of Durán’s Historia, the Codex Telleriano-Remensis, and short passages in other sources. The hieroglyph of Tizoc dates the monument between 1481 and 1486; while the “Lista de los reyes de Tenochtitlan” puts a temalacatl (“round stone”) more exactly in the third year of Tizoc’s reign, presumably 1484 (Anales de Tlatelolco 1980: 17). Interestingly, the Codex Telleriano-Remensis (Keber 1995: f. 38v) also dates the sacrifice of victims from Tzinacantepec in the Matlatzinco area, the featured conquest on the Tizoc Stone, to this year (Fig. 4).

This folio and the one following (39r) give us the probable order in which monuments were created in the 1480s. The narrative begins with Tizoc’s accession to the throne in 2 House 1481, upon the death of Axayacatl. Two years later in 4 Reed 1483, Tizoc ordered the foundation laid for a new phase of the Templo Mayor, and according to the illustration, a captive was sacrificed on the occasion. Tizoc was following the pattern set by his three predecessors, who all rebuilt the Templo Mayor, that is, the mythic site of Coatepec, Serpent Mountain, where Huitzilopochtli was born like the rising sun and defeated his enemy sister Coyolxauhqui and innumerable brothers. Tizoc’s last two predecessors, in addition, had had new sun stones and Coyolxauhqui images carved. Consulting both history and divinatory books, Tizoc no doubt looked for an appropriate date to commemorate with his construction. He must have chosen 4 Reed 1483 because it was the anniversary of the foundation 52 years earlier in 1431 of the Triple Alliance empire which Tenochtitlan now dominated. From Tizoc’s perspective, no similarly important date was to occur for many years.2

In the following year, 5 Flint 1484 (Fig. 4), upon the completion of the pyramid base, the sacrifice of the Tzinacantepec captives must have taken place on the Tizoc Stone. Next to the victim are the words piedra sangrada (“bloodied stone”). Given that the blood is pouring down the stairways of the pictured pyramid, the stone

2 The next date celebrated by the creation of a series of monuments seems to have been 12 Reed 1491. These monuments include a colossal head, the great “Coatlicue” and other members of the same set, a set of four chihuateteo, an archaizing chihuateteo, and possibly a bone with an engraving of Ahuitzotl on it. The date 12 Reed inscribed on some of these, if commemorative of an historical event, would correspond to 1491, given the late style of the sculptures. The event celebrated might have been an anniversary of a mythological event, the descent of the tzitzimime before the birth of the fifth sun, as suggested by Elizabeth Boone in her recent reconsideration of the “Coatlicue” as one of these tzitzimime (Boone n.d.).

5. Tribal name glyphs (?) on Tizoc Stone (redrawn after Dibble 1971: fig. 2)
was presumably on the temple platform. A female victim is also depicted, indicating her dispatch in the same year. Her nude and displayed position is reminiscent of images of the defeated Coyolxauhqui, and thus may date the Coyolxauhqui sculpted for this temple phase to 1484 also. This might have been the greenstone Coyolxauhqui Head mentioned above, which would have been placed on the platform too rather than below (Pasztory 1983: 153).

In 7 Rabbit 1486 Tizoc died and was succeeded by his brother Ahuitzotl, who finished the temple the following year, 8 Reed 1487. Ahuitzotl’s initiation of the temple is illustrated in Telleriano-Remensis with the depiction of sacrificial victims and the sign of a new fire lighting. The sacrificial victims derived from Ahuitzotl’s own battles against Czicoc, Cuetlaxtlan, and Tezapotitlan in Veracruz or Teozapotlan (Zaachila) in Oaxaca (Keber 1995: 80-81, 273, 335; Anales de Tlatelolco 1980: 60). The lighting of a new fire was another action appropriate for the completion of a new building (these did not occur just at cycle beginnings).

The Tizoc Stone must have remained on the platform for use again during the great sacrificial ceremony of 1487 —assuming that Ahuitzotl had not yet had another sacrificial stone carved. Durán (1994: ch. xlv) tells us that at the 1487 ceremony, the four sacrificers—the Tenochca, Texcocan, and Tlacopan tlatoani and the Tenochca chihuacoatl Tlacaelel—were located at different sites on the platform of the temple. Ahuitzotl was in front of the image of Huitzilopochtli and Tlacaelel was at the Sun Stone—that is presumably, the Tizoc Stone. Carved only three years earlier, it must originally have been intended for this purpose, and its imagery of generalized conquest is appropriate for such a celebration of the empire. In short, the stone commemorates an important victory of Tizoc’s (in the Matlatzinca area), but among previous victories that encompassed the important provinces of the empire, as Wicke has pointed out. During the ceremony, the victims from all parts of the empire were lined up along the four causeways to be sacrificed at the temple at the “crossroads” of the cosmos, the meeting place of the above and below as well as the four directions. On the Tizoc Stone the container for blood is in the center of the sun, while the groundline representing the empire’s expanse has around its perimeter four flintknife-lined mouths, entryways to the underworld at the four quarters (Townsend 1979: 46). Thus the stone’s

3 No temalacatl is mentioned as having been installed again until twelve years later in 6 Rabbit 1498 (Chimalpahín 1965: 225).
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iconography anticipates the ceremony in which Tizoc intended to participate when he had the monument carved. As suggested in the past, the channel to allow for the flow of blood from the central bowl may have been hollowed out during the sacrifices because of the great amount of blood.4

Ahuitzotl, in turn, used the occasion for a type of second coronation ceremony (Klein 1987: 323-24), his first not having been satisfactory, although his specific conquests and their victims are not recorded on the sun stone used. He also chose to emphasize the actual year of the celebration, 8 Reed, which previously had no strong historical or mythical connotations, in preference to Tizoc's chosen date of 4 Reed, which after all was not in Ahuitzotl's reign. As such, 8 Reed is the featured date on the so-called Dedication Stone of the new temple.

Finally, in this reconsideration of the Tizoc Stone, I would like to throw into question some of the basic premises about the captive figures and their hieroglyphs (as first suggested in Umbarger n.d.: 136-38). Seemingly simple in composition, perhaps the strong resemblance of the Tizoc Stone's motifs to Mixtec art (Pasztory 1988: 147-48) has deceived us into not considering the possibilities of different, more complex readings from a Mexica perspective.5 I refer specifically to the identification of the hieroglyphs as place glyphs (Fig. 5). The fact that they do not have locative endings suggests another possibility—that they might be tribal name glyphs of a type that are also found in Aztec manuscripts like the Codex Boturini (e.g. 1944: 2) and Codex Mendoza (Fig. 6).

In addition, considering these codex illustrations, it could be suggested that the glyphs do not function alone, that together with the figures they refer to a generalized concept known from other Aztec accounts. This is the concept of the citizen of a town or area used to designate, simultaneously, the polity's ruler, deity, and generic warrior citizen. In other words, we do not need to choose between these possibilities (cf. Wicke 1976: 217). The term referen-

4 Two alternatives have been suggested—that it was made to lower the level of blood in the container, or that it was a later effort to cut up the stone in colonial times. Duran mentions that the Mexicans wanted to make it into a baptismal basin (1995: 187). Eduardo Douglas (personal communication 1997), however, has pointed out to me another Aztec blood sacrifice vessel with a similar cut (in the Sala Mexica of the Museo Nacional de Antropología).

5 The Mixtec aspects are in the forms of the earth and sky band, the solar disc, and the use of hieroglyphs naming figures, although in the Mixteca these would be calendrical names. Within this Mixtec framework the Mexica artists clothed the warriors in costume parts that might also be seen in the Mixteca, but the consistent contrast between Toltec and non-Toltec garb is purely Mexica.
6. Drawing of tribal name glyphs in *Codex Mendoza* folios 2v and 42r (Berdan and Anawalt 1992: 4: 10 and 89). Courtesy of the University of California Press

7. Paynal and Tezcatlipoca as depicted in the "Primeros Memoriales" (Sahagún 1993: f. 261). Courtesy of the University of Oklahoma Press
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ced, which is used especially in contexts of warfare, is formed by the place name (usually without locative ending) plus the suffix —catl ("person") (Andrews 1975: 332-33). Examples of the varied usages of this term for rulers and deities as well as generic warriors are found in the *Anales de Tlatelolco* (1980: 57), the *Codex Chimalpopoca* (1992: 113-14), the *Codex Magliabechiano* (fs. 50v-57r, in Boone 1983: 203-04), and a modern dialogue collected in Tepoztlan (Karttunen and Wara Céspedes 1982).  

Thus, I suggest the following identities for the captive figures on the Tizoc Stone, beginning with Tizoc’s captive and proceeding to the right (Fig. 5): (1) Matlatzincahtl (Matlatzinca area of which Tollocan was the capital) (Fig. 2), (2) Tochcatl (Tochpan province in northern Veracruz), (3) Ahuilizapancahtl (Ahuilizapan province in central Veracruz), (4) unknown (tree with water streams), (5) Culhuacatl (Culhuacan), (6) Tenayucahtl (Tenayucan), (7) Xochimilcahtl (Xochimilco, which had possessions in Morelos), (8) Chalcatl (Chalco province), (9) Azcapotzalcahtl (Azcapotzalco) (?), (10) Acolhuacatl (Acolhuacan province), (11) Tepanecatl (Tepanec province), (12) Tlatelolcahtl (Tlatelolco) (Fig. 3), (13) unknown (sun on mountain), (14) Mixtecatl (Mixtec province of which Coaixtlahuacan was the capital), and (15) Cuexlaxtcahtl (Cuexlaxtlan province in central Veracruz). If these are generally correct, those that are identified form two blocks on the monument, Valley of Mexico polities in glyphs 5 through 12 (including extensive traditional

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6 Such province-specific or tribal terms may have served also as titles of Aztec governors. The Codex Mendosa, for instance, refers to the Pelicalcahtl of Pelicalco (Berdan and Anawalt 1992: f20r) and Durán (1994: 180-81) refers to the Aztec governor of the Pinome as Pinol.  

Could it be Cuauhnahuacatl as in Fig. 6? The tree form is of the right type, but the codex version has roots below, not water, and a speech scroll to refer to nahuatl, "good speech" (Berdan and Anawalt, 1992: 1: 201). One would not expect the speech scroll on the sculpted version, but the presence of water is puzzling.  

7 As suggested by Nicholsol1 (1973: 5).  

8 This is a new suggestion. Azcapotzalco means "on the ant hill." The glyph represents a hill with a "lid" tipped to the side (an ant hill?). The animal does not look particularly ant-like, having four legs rather than six, but in this it resembles the ant in the Azcapotzalco glyph in the Codex Xolotl (1980: 2: plancha 6 E3). It does not have a spider’s spinneret, as suggested by Wicke (1976: 215).  

9 Dibble (1971: 327) sees the glyph as representing a "rock bridge," thus the place name Tepanayan, but the newly found sacrificial stone of Motecuhzoma I represents the same figure next to a grouping of stones (tetl) and stone knives (tecpatl), not aligned in a bridge-like form. The tetl glyph is used for the tribal name Tepanec in the Codex Boturini (1944: 2), and the deity costume is easily recognized as that of the Tepanec god Otontecuhtli (for which see Brown 1988; Wicke 1976).  

10 As suggested by Wicke (1976).  

11 Compare these identifications with the place names in Dibble (1971: 326-28), Nicholson (1973: 4-5), and Wicke (1976).
holdings outside the Valley) and foreign provinces in the Toluca area, Oaxaca, and Veracruz (14 through 3). Most are the tribal designations of extensive provinces, but a few are important towns: Culhuacan and Tenayuca, ancestral Toltec and Chichimec towns that are the first two, foundation conquests in the Codex Mendoza (frontispiece), and Azcapotzalco, the Tepanec capital defeated by the Triple Alliance cities in 1428.

In addition to the glyphs, also problematic are the deity identifications and, at the same time, how this core issue in Mesoamerican iconography is generally treated. Wicke used time-honored procedures when he identified these figures by what are considered “diagnostic” traits depicted in deity representations in the Primeros Memoriales (Sahagún 1993) and Durán (1977). Thus, he (Wicke 1976: 220) calls deities 1 and 12 on the Tizoc Stone (Figs. 2 and 3) Tezcatlipoca and Paynal, respectively, because of the facial stripes and staff (resembling a tlachtliotli or “instrument with which to see”) of one and the “starry sky” mask of the other (compare them to Fig. 7). However, what happens if we reverse the procedure, and identify the deities from their tribal glyphs? We know from Durán’s (1994: 261, 269) accounts of these particular conquests that the conquered Tlatelolco god was another version of Huitzilopochtli, since the Tlatelolca shared the Tenochca’s Mexica heritage, and the Matlatzinca god was called Coltzin, as well as Tlamatzincatl, an inversion of Matlatzincatl (for references, see Umberger 1996: 92).

If the glyphs and figures are interpreted as suggested above, the results are interesting. If seen as tribal names, some glyphs represent more politically important places and broader areas than the sometimes obscure towns that scholars have tried to match them with. For instance, figure 10, if identified as the Acolhuacatl, represents the entire Acolhua area, rather than the towns of Acolhuacan or Acolman. Likewise, if the line of stones represented next to figure 11 identify him as the Tepanecatl, he represents the Tepanec area encompassing equally vast areas inside and outside the Valley, rather than Tepanoayan or Tecaxic. Some of the above identifications are more hypothetical than others and two figures remain unidentified, but the general principle is sound.

Other problematic implications of these suggestions need to be either resolved or accepted as unresolvable at present. In the cases of most conquests outside the Valley we cannot name the tribal deity specifically, unless we know from a written source his or her local name (as in the case of Coltzin). In addition, if captive 12,
the Tlatelolcatl (Fig. 3), is Huitzilopochtli, where is the "diagnostic" hummingbird headdress, worn by Tenochca Huitzilopochtli (in Fig. 2)? I suggest that Tlatelolca Huitzilopochtli lost it along with his rank upon conquest, although retaining the "starry sky" mask they both wear. This is not to say that it is impossible to identify deity figures by costume parts in Aztec art, but rather that in contexts of conquest, certain politically important gods, like Huitzilopochtli and Tezcaltipoca, can have quite varying images, lacking perhaps what we consider necessary accoutrements. It is already well-known that their actual sculptures were dressed and decorated differently depending on the ritual occasion. It needs to be acknowledged also that victorious gods took on the powerful traits of the defeated (Sahagún 1950-82, Book 3, 2nd ed., revised: 5), while the defeated lost these and gained humiliating paraphernalia. On the Tizoc Stone these include Chichimec rather than Toltec garb and the decorations of death and sacrifice, the aztexelli arrangement of double feathers on all the captives' heads. The latter are also seen in both Codex Mendoza and Telleriano-Remensis depictions of sacrificial captives (Figs. 4 and 6).

The Tizoc Stone does not represent the captured gods as they were depicted in their home towns, but rather casts them into their new positions in Tenochca thought. In the end, Wicke may be correct in that Tlatelolca Huitzilopochtli and Matlatzinca Coltzin might have been recast as the "cadet" gods Paynal and Tezcaltipoca upon their exile in Tenochtitlan. Coltzin as Tlamatzinca in Tenochtitlan was, in fact, identified as a type of Tezcatlipoca (Sahagún 1950-82, Book 2: 118). Yet, we come closer to Mexica thought, I believe, by reconstructing the complexities of the changing identities of these tribal personae, rather than merely trying to give them names. In other words, no god in late postclassic Mexico had a single, monolithic identity.15

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