EARLY MAYA WRITING ON AN UNPROVENANCED MONUMENT: THE ANTWERP MUSEUM STELA

by Erik Boot
Rijswijk, the Netherlands (e-mail: wukyabnal@hotmail.com)

Introduction

The subject of this note is a small monument in the collection of the Ethnographic Museum of the city of Antwerp, Belgium.¹ The inventory number of this monument is A.E. 3870, and it entered the collection of the museum in Antwerp on January 4, 1864. On that day the monument was donated to the museum by Eugène de Decker of Antwerp. The monument is broken off at the level of the knees of the figure portrayed. The surviving top fragment, sculpted in greyish limestone, has a height of 90.5 cm and a width of 45.5 cm (Figure 1).

¹ The writing of this note is made possible through the kind permission of Mireille Holsbeke, curator of the Amerindian and Oceanic collections at the Ethnographic Museum in Antwerp, Belgium.

and Ruyssinck 1988: No. 61; Taube 2004: 46, Figure 24). The monument was inspected in person in 1988, 1994, and 1998. In this note the image and hieroglyphic text on the monument will be discussed, illustrated through a series of photographs specifically produced for the present purpose. A new drawing is also incorporated into this note (Figure 2c).

Figure 2: Drawings of the Antwerp Museum Stela, a) Erik Boot (1999), b) Karl Taube (2004), c) Erik Boot (2006)

A comparison is made with Late Preclassic and Early Classic monuments and hieroglyphic texts that have been found in archaeological context since my initial research on this monument (Boot 1999a, 1999b).

The Image on the Antwerp Museum Stela

About 80 percent of the surviving surface on the Antwerp Museum Stela illustrates a striding or standing male anthropomorphic figure facing left. He raises his right arm. To his wrist an object is attached consisting of a small head and an elongated tail-like element. This object is tied to the wrist with a small knot. His left arm and paw-like hand are raised halfway up his chest, to the level of the central element of his collar. This collar is made of large beads which can be found hanging from his shoulders. He wears a large balloon-like headdress that

---

2 The series of digital photographs was made available to the author, produced by the photographic department at the Ethnographic Museum at the author’s request. All photographic images in this note are derived from this series of photographs.
contains a large inner scroll. This scroll may indicate that the headdress was made of a long piece of cloth wrapped around the head. The headdress is topped with a sign that is cataloged as T533 (Thompson 1962). The element inside the lower segment of this sign is U-shaped, providing a dating mechanism for the monument (see below). The face has a prominent nose, and the upper jaw is pushed forward from the lower jaw. A single small tooth is visible within the opened mouth. This particular facial composition also provides a dating mechanism for the monument (see below). This anthropomorphic figure has a large human eye. Around his waist is a simple band, tied with a knot to which a belt assemblage is attached. The belt assemblage hangs in front of his body and consists of a main element resembling an anthropomorphic or zoomorphic head (as the profile would suggest), an ear spool complex, a large knot, and possibly three elongated celts.

The overall image of this monument can be compared with a series of monuments of Early Classic and possibly Late Preclassic origin. Several monuments illustrate a human individual in a standing or striding position raising an object (Boot 1999a, 1999b), for instance Tikal Stela 31, Uolantún Stela 1, and La Sufricaya Stela 1 (Figure 3).

![Figure 3: a) Tikal Stela 31, Front (drawing by John Montgomery), b) Uolantún Stela 1, Front (drawing by William R. Coe, after Martin 2000: Figure 8), c) La Sufricaya Stela 1 (drawing by Nikolai Grube, after Estrada-Belli 2002: Figure 39)]
Tikal Stela 31 can be dated to circa 9.0.10.0.0 or A.D. 445 (the opening Initial Series date on the monument’s back); stylistically Uolantún Stela 1 can be dated to about a century earlier (Martin 2000: 56), while La Sufricaya Stela 1 dates from before A.D. 435 (Foley 2005: 2).

The Antwerp Museum Stela predates all these monuments. This summation I base on specific stylistic and iconographic features of the monument. Most intriguing are the facial features of the anthropomorphic individual. These facial features can be compared to the facial features of some of the individual figures as depicted in the San Bartolo murals (Figure 4).

![Figure 4: Comparison of Facial Features, a) Antwerp Museum Stela (photograph courtesy of the Ethnographic Museum Antwerp), b) San Bartolo, Mural (photograph by Kenneth Garrett/National Geographic Society) (image horizontally reversed)](image)

The facial features of these two individuals are characterized by a large nose with clear indication of the nostril, a large elongated eye with pupil, a protruding or extended upper jaw and lip, a single tooth, a backward placed lower jaw, and a marked area around the mouth. The mouth with extended upper jaw and lip and single tooth showing is a common indicator of the supernatural status of the individual or entity depicted (Boot 1999a: 106). With the murals at San Bartolo dated to circa 100 B.C. (Saturno 2005: 1; compare to Saturno et al. 2005: 4, 6-7), this fact may contribute to the dating of the Antwerp Museum Stela. In the San Bartolo mural the dark and long hair of the individual is visible and tied to the back. He wears a large balloon-like headdress with a large inner curl. The individual on the Antwerp Museum Stela also wears a large balloon-like headdress with a large inner curl.
The comparison between this monument and the San Bartolo murals can be taken a step further. The individual on the Antwerp Museum Stela has his right arm and hand raised. Attached to this right hand an intriguing object can be found. It has a small head on its left, while the elongated tail-like part of the object hovers above his balloon-like headdress (Figure 5a). The North Wall of the Las Pinturas sub-I murals at San Bartolo provides a total of fourteen individuals, part of which is of concern here (Figure 5b).

Figure 5: The Raised Object, a) Details of the Antwerp Museum Stela (photographs courtesy of the Ethnographic Museum, Antwerp), b) Details of the North Wall procession at San Bartolo (after Saturno et al. 2005: Figure 5 & 30a)

The static objects as raised by Individuals 13 and 14 in the North Wall composition contain specific iconographic characteristics that make a comparison possible to the raised object on the Antwerp Museum Stela. Note as such the small face which can be found on the left side of the objects. This face can be directly compared to the small face on the front of the raised object on the Antwerp Museum Stela (Figure 5a, detail & Figure 5b, detail). The San Bartolo example of the small face has a clear ear spool and a kind of small headdress with a curl. The Antwerp Museum Stela example of the small face does not have an ear spool, but it does have
a kind of headdress which curls (the elongated tail-like part). The main static part of the San Bartolo object is not present in the Antwerp Museum Stela design.

Figure 6: The T533 Sign in Headdresses, a) Antwerp Museum Stela (photographs courtesy of the Ethnographic Museum, Antwerp), b) San Bartolo, West Wall, Individual 11 (detail of photograph [after PMAE 2001]; detail of drawing after Saturno et al. 2005: Figure 29b)

The headdress of the individual on the Antwerp Museum Stela is topped by a simple and abstract design, a depiction of a sign cataloged by Thompson (1962) as T533 (Figures 1-2, & 6a). Within Maya iconography this sign seems to function as a flower or perhaps a small seed bud from which sprouts a jeweled or fruit bearing vine. On the Antwerp Museum Stela there is only the T533 sign; the lower part of this sign contains a U-shaped element. Within the San Bartolo murals several headdresses are topped with the same sign, as can be seen in the headdress of Individual 11 on the North Wall (Figure 6b). In this example a long jeweled vine sprouts from the sign. The lower part of the sign has a U-shaped element. The presence of the U-shaped element is yet another indication of an early date for the Antwerp Museum Stela.

The Hieroglyphic Text on the Antwerp Museum Stela

The intriguing facet of the Antwerp Museum Stela is not only its early iconographic style, but the fact that it contains a single-column hieroglyphic text (Figures 1-2, & 7). Although this is an early text several of the hieroglyphic signs can be identified and can be compared to other early Maya hieroglyphic texts.

In this note the following orthography will be employed: 'a, b, ch, ch', e, h, j, i, k, k', l, m, n, o, p, p', s, t, t', tz, tz', u, w, x, and y. In this orthography the /h/ represents a glottal aspirate or glottal voiced fricative (/h/ as in English “house”), while /j/ represents a velar aspirate or velar voiced fricative (/j/ as in Spanish “joya”) (Grube 2004). In this essay there is no reconstruction of complex vowels based on disharmonic spellings (compare to Houston, Stuart, and Robertson 1998 [2004] and Lacadena and Wichmann 2004, n.d.; for counterproposals see Kaufman 2003 and Boot 2004, 2005b). In the transcription of Maya hieroglyphic signs uppercase bold type letters indicate logograms (e.g. 'AK), while lowercase bold type face letters indicate syllabic signs (e.g. ma). Queries added to sign...
identifications or transcribed values express doubt on the identification of the assigned logographic or syllabic value (e.g. ye?). Items placed between square brackets are so-called infixed signs (e.g. STEP[ye]); order of the transcribed signs indicates the epigraphically established reading order. All reconstructions (i.e. transliterations) in this essay are but approximations of the original intended Classic Maya (“epigraphic”) linguistic items (Boot 2002: 6-7), a written language which was employed by the various distinct language groups already formed in the Classic period. Older transcriptions and/or transliterations are captured between double pointed brackets (e.g. «t'ab'»). Citing of so-called T-numbers (e.g. T533) refers to the hieroglyphic signs as numbered and cataloged by Thompson (1962; sign list online at www.famsi.org/mayawriting/thompson/index.html).

---

**Figure 7:** Three Views of the Four Surviving Hieroglyphic Collocations on the Antwerp Museum Stela (photographs courtesy of the Ethnographic Museum, Antwerp)
The hieroglyphic text possesses a rare feature. The individual collocations are each contained in a rounded cartouche. Other early texts can be found contained in round or rounded cartouches (e.g. The Cleveland Plaque [Stone 1996: Figs. 1-2], three reworked jade plaques with text in oval cartouches from royal tomb at Calakmul [UAdC 2000: Tomo I & II, cover]). As the small Antwerp Museum Stela has been broken off at the height of the knees of the standing individual only part of the text has survived. Four rounded cartouches have survived in full, while only the top part of a fifth cartouche has survived. The signs within the hieroglyphic text have been incised into the monument. The text of the four collocations can be transcribed tentatively as follows:

A1: STEP = ASCEND/RAISE-ye?
A2: yu-?
A3: ma-'AK
A4: 'u-?

The hieroglyphic text opens with a collocation at A1 that can be transcribed as STEP =ASCEND/RAISE-ye? (Figure 7a). The first sign is a depiction of a stepped structure or platform; this hieroglyphic sign has been nicknamed STEP. As epigraphic research on Classic Maya hieroglyphic texts has shown, this sign introduces a verb root for ASCEND/RAISE (thus the transcription STEP=ASCEND/RAISE). The second sign is more difficult to identify. In later Classic Maya texts this STEP sign takes a yi complement as suffix; in early texts this is a ye sign. A good example can be found in the text on The Diker Vase, a small stone bowl of unknown provenance but with iconographic ties to the Early Classic Peten iconographic tradition (Figure 8a).

In the text on The Diker Vase, now at the Metropolitan Museum of Art (Coe 1973: 26-27), the ye is infixed into the STEP sign. Another early example may be found in the text on the Dumbarton Oaks pectoral. The opening verb is clearly represented by a STEP sign, suffixed with a hand sign (Figure 8b). This particular hand sign may be an early variant for ye, at a
time when the diagnostic characteristics of several different hand signs were not yet fully developed (compare to Boot 2003). Rotation and opening of the hand had possibly not yet taken place (but compare to Mora-Marín 2003: 22). Based on these ye signs, of which the Diker Vase example is most clear, I suggest that the sign suffixed to the STEP sign in the hieroglyphic text on the Antwerp Museum Stela is ye. In an earlier essay on this monument I suggested a transliteration «t'ab'-» for the root of the verb. If this is correct, this collocation may be transcribed T'AB'?-ye? for t'ab'ay, a verbal expression for “raised”.

The cartouche at A2 contains two signs (Figure 7b). The first sign seems to be yu, of which the center and right side element have survived. The second sign is more difficult to identify, and I leave it without an identification. This collocation would provide the subject of the verbal expression t'ab'ay. The opening syllabic sign yu may lead to a possessed noun y-u..., in which y- would be the third person prevocalic possessive pronoun and -u... would be the opening sound of the proper name of the object itself.

The collocation at A3 consists of two hieroglyphic signs (Figure 7c). The top sign I identify tentatively as a variant of the syllabic sign for ma, while I identify the bottom or main sign as TURTLE.SHELL for 'AK. The collocation ma-'AK may lead to mak. This is probably the personal name of the individual responsible for the raising of the object as illustrated on the Antwerp Museum Stela and hieroglyphically described in the accompanying text as T'AB'?-ye? yu-?

The spelling T'AB'?-ye? probably led to t'ab'ay (or perhaps t'ab'ey). With an additional -ya sign it would have read t'ab'ayey. This -ey suffix can be found in spellings as HUL-ye for hul-ey (Tikal, El Zapote), 'i-k'aj-ey (Tortuguero), and yi-ta-je for yitaj as well as wi-ni-ki-je-ya for winik-j-ey (Chichén Itzá) (Boo 2004: 3-4).

Words that come to mind are -uj and -yuy, both words for “jewel; necklace” (Boo 2002: 80, uh; Kaufman 2003: 1030). The objects raised may indeed be considered a “jewel” of some sort. However, as the second sign remains undeciphered, this remains just a thought.
The Early Classic text of the San Diego Cliff Carving provides a nominal phrase of which a part seems to be written as ma?-'AK, possibly for mak (Figure 9). This early text may thus substantiate the fact that the putative Mak within the Antwerp Museum Stela text indeed may be a nominal phrase or personal name.

The collocation at A4 consists of two signs, of which only the first sign can be identified with certainty (Figure 7d). This sign is an early variant of one of the signs for 'u. Other early examples of the 'u sign contain two dots or even a row of many dots (Figure 10). The example of the 'u sign on the Antwerp Museum Stela has three dots. This kind of 'u sign with dots was still in use in the Classic period (e.g. Kerr No. 4669).

Unfortunately the second sign can not be identified as it only partially survived, but probably the sign 'u is part of a kind of relationship statement which opened with u-, the third person preconsonantal possessive pronoun.

The short text on the Antwerp Museum Stela is an example of an introductory and dedicatory statement that includes a common dedicatory verb (STEP-ye?, or T'AB?-ye?), possibly the proper name of the object (yu-?), then either the name of object's possessor or a continuation of the object's name (ma-'AK). The text probably provides a further relationship statement ('u-?). The surviving part of the fifth cartouche does not contain a hieroglyphic sign.

**Possible Provenance and Dating of the Monument**

The Antwerp Museum Stela entered the collection at the Ethnographic Museum in 1864, through a donation by Eugène de Decker. No information survives of the probable origin of

---

6 It is probably only a coincidence, but the famous Leiden Plaque also entered the collection of the National Museum of Antiquities in Leiden, the Netherlands, in the year 1864. It became part of the
the monument. For many years the monument was attributed to the Zapotec culture (Purín, Lambrechts, and Ruyssinck 1988: No. 61). In 1999, based on an analysis of the iconography and hieroglyphic text I attributed the monument to the Maya culture and tentatively dated it to the Late Preclassic period at circa 200 B.C. to A.D. 200 (Boot 1999a: 113). Based on that preliminary study I suggested a possible Highland Maya or southern Pacific or piedmont origin for the monument and identified it as one of the earliest monuments to bear a Maya hieroglyphic text (Boot 1999a, 1999b). This identification has been largely followed in more recent research, although the possible area of origin was suggested to be lowland Maya and possibly a coastal area, for instance Tabasco, while the dating was suggested to be the second century B.C. (Taube 2004: 46).

In my own independent research I also identified the Antwerp Museum Stela as being of lowland Maya origin, based on a comparison of various miniature stelae with comparable iconography, all of which have a lowland Maya origin (Boot 2005a: 22 [note 10]). Based on the above analysis it can be suggested that the iconography is lowland Maya, while the hieroglyphic text contains signs comparable to a variety of mainly portable Late Preclassic and Early Classic objects, most of them of unknown provenance. Also the limestone collection of the National Museum of Ethnology in Leiden in 1903. The Leiden Plaque was found close to Puerto Barrios (a coastal community) in Guatemala by the Dutch engineer J. A. van Braam (Van Dongen, Forrer, and Van Gulik 1987: 200-201).
composition suggests a lowland Maya origin (Taube 2004: 46). The possible coastal area origin, as suggested by Taube, is based on the presence of shell-derived stucco remains on the left side and back of the Antwerp Museum Stela (Figure 11a).

In previous research the monument was dated to a period of circa 200 B.C. to A.D. 200 (Boot 1999a, 1999b, 2005a) or the second century B.C. (Taube 2004: 46). Based on a comparison with specific iconographic details from the San Bartolo murals, which date to the first century B.C., the date of the Antwerp Museum Stela can be more or less confirmed as second or first century B.C. The provenance of the monument is still a matter of debate. The iconography suggests clear parallels to Late Preclassic and Early Classic monuments and murals from the central and northeastern Petén region. It is from this region that the Antwerp Museum Stela may have its origin. The presence of shell-derived stucco on the monument may indicate that the Antwerp Museum Stela may not have been found in its primary context. Albeit a tentative suggestion, like many small portable monuments the Antwerp Museum Stela may have been moved from its primary location to an area where shell-based stucco was in use. As Martin (2000) has shown, (large) monumental sculpture was also removed in antiquity from its primary context and relocated. The fact that the Antwerp Museum Stela is relatively small (and broken) may contribute to the suggestion that the monument could have been removed from its primary and original location prior to its middle nineteenth century discovery, possibly to be found in a coastal area where shell-derived stucco was used in antiquity. It would not surprise me that the Antwerp Museum Stela was discovered in the eastern lowland Maya region, close to the coastal area.

**Final Remarks**

The subject of this note was a small standing monument in the collection of the Ethnographic Museum in Antwerp, Belgium. As in previous research I identify this monument as a stela and refer to this monument as the Antwerp Museum Stela (Boot 1999a: 114 [note 5]). The iconographic and epigraphic analysis clearly identifies the monument as culturally Maya, with its origins probably in the (northeastern) lowland Petén Maya area and dating from the Late Preclassic period, possibly the second to first century B.C. With this tentative date the hieroglyphic text on the monument ranks among the earliest texts ever produced, especially in comparison to the currently earliest text found at San Bartolo that possibly dates to circa 300 to 200 B.C. (Saturno, Stuart, and Beltán 2006: 1).
The Antwerp Museum Stela seems to illustrate an individual of supernatural status whose iconographic characteristics can be compared to individuals of supernatural status in the murals at San Bartolo. These characteristics include the extended upper jaw and lip and the single tooth. The supernatural status of this individual may be indicated additionally by the T533 sign on top of his headdress. The text associated with this individual seems to refer to the raising (T’AB’?-ye?) of an object (yu-?), the object as attached to the raised right hand. A personal name (ma-’AK) seems to follow, while possibly a relationship of some sort (’u-?) was recorded. The hieroglyphic text on the Antwerp Museum Stela seems to directly reflect the action illustrated on the monument. The individual depicted on the monument may actually be an impersonator of a supernatural entity, whose action (the raising of an object) and personal name are contained in the hieroglyphic text.

Further research on the iconography and hieroglyphic text may substantiate the suggestions made in this note. This further research may also include a search into the life of Eugène de Decker, the man who donated the monument to the museum in Antwerp in 1864, to possibly establish the nineteenth century place of origin of the monument.

Acknowledgments

I thank curator Mireille Holsbeke of the Ethnographic Museum in Antwerp, Belgium, for the permission to publish this note on the monument from the museum and the series of digital photographs made for the occasion. Without this series of photographs the quality of the illustrations in this note would have been much less. I thank Barbara MacLeod and Joel Skidmore for comments on a previous version of this note. As always, unless noted otherwise, the opinions expressed in this note are mine.

---

7 In recent epigraphic and iconographic research by Barbara Macleod and Luis Lopes it is suggested that the sign cataloged as T533 could in fact be sprouting maize. When it appears in headdresses it may signal supernatural status and a relation to maize (MacLeod 2006, personal communication via e-mail, January 23, 2006). The T533 sign at San Bartolo can be found in the headdresses of two female supernatural entities that are directly associated with the Maize God, indicating the association of the symbol with maize-related supernatural entities or individuals.

8 The impersonation of supernatural entities was a common phenomenon during the Classic period. Hieroglyphic inscriptions referred to this impersonation through a specific formula (Houston and Stuart 1996), which at present is transliterate as ub’aḥil anul (...) and paraphrase as “(he is) the image incarnate of (name of the god impersonated)”.

13
References

Boot, Erik


Coe, Michael D.

Estrada-Belli, Francisco (editor)

Foley, Jennifer

Grube, Nikolai
Houston, Stephen D., and David Stuart  

Houston, Stephen D., David Stuart, and John Robertson  

Kaufman, Terrence  

Lacadena, Alfonso, and Søren Wichmann  


Martin, Simon  

Mora-Marín, David  


PMAE  

Purín, Sergio, Miriam Lambrechts, and Micheline Ruyssinck  
Saturno, William A.


Saturno, William A., David Stuart, and Boris Beltrán

Stone, Andrea

Taube, Karl A.

Thompson, J. Eric S.

UAdeC
2000  Los Investigadores de la Cultura Maya 8, Tomos I & II. Campeche: Universidad Autónoma de Campeche.

Van Dongen, Paul L. F., Matthi Forrer, and Willem R. Van Gulik