‘A chief is like an ash-heap on which is gathered all the refuse’: the faunal remains from the central court midden at Kaditshwene

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Systematic excavations have uncovered a faunal assemblage from the central court (kgotla) midden at Kaditshwene, a large stone-walled complex in the Marico. Kaditshwene served as the capital of the Bahurutshe booMenwe, the dominant Tswana chiefdom in the region, from about 1790 to 1823. It can be inferred from oral and contemporary written accounts that the excavated midden was formed during the regency of Diutlwileng, who succeeded his brother Sebogodi sometime after mid-1813. The midden mound accumulated mainly as a result of activities that involved the town’s senior men, who regularly attended court cases, political meetings, as well as various religious ceremonies and rituals, in the kgotla. It was also here where senior men had their main daily meal served and where they pursued crafts such as hide-working. Bones originating from all these activities were discarded on the adjacent kgotla midden. The total faunal assemblage, which consists of nearly 24 000 specimens from at least 45 taxa, sheds valuable light on the lifeways of Hurutshe notables. The archaeofaunal analysis shows that a core section of Kaditshwene’s inhabitants relied on cattle, sheep and goats for most of their animal protein. Mostly younger animals were slaughtered, indicating that high-status males had access to the choicest meat cuts. Cattle remains outnumber those of the sheep/goat group at a ratio of 2.6:1. Observations by John Campbell, who visited the capital in May 1820, confirm that the ruling elite of Kaditshwene possessed large herds of cattle. Only a few bones of domestic dog and chicken were retrieved. A wide range of wild animal species is also represented in the faunal assemblage, including a variety of ungulates and carnivores. Many of the latter were prized for their skins, some of which were the preserve of royalty. The recovery of several ivory fragments and a broken ivory bangle corroborates entries in Campbell’s journal that elephant tusks were a highly valued commodity. A substantial number of ostrich eggshell fragments and beads were also unearthed. Shells of the freshwater mussel and the giant land-snail display polished edges, suggesting that they were probably used to smooth clay during the manufacture of pots and the construction of house walls. Body parts of the lappet-faced vulture and the secretary bird were most certainly used for magical purposes by diviners. Though few imports were retrieved, the presence of a marine cockle shell (Veneridae) suggests that the Hurutshe were involved in some long-distance exchange network that reached the eastern coast of southern Africa.

Keywords: Animal Remains, Cattle, Hurutshe, Kaditshwene, Kgosing, Kgotla, Marico, Midden, Rainmaking, Skins, Trade.

INTRODUCTION

This article examines the faunal remains recovered from the main court midden at Kaditshwene, the early nineteenth-century stone-walled capital of the Bahurutshe booMenwe. This branch of the Hurutshe was the dominant Tswana chiefdom in the Marico in the late eighteenth and early nineteenth centuries. During this period various smaller chiefdoms, such as the Bahurutshe booMokgatha, the Bahurutshe booManyane, the Bahurutshe booMokhibidu, the Balete, the Baphiring, the Batlokwa booMolefe and the Bakgatla ba ga Mhanaana, acknowledged Kaditshwene as the regional centre of power. The core of this large stone-ruin complex, which covers an area of more than three square kilometres, straddles a prominent hill on the boundary between the present farms Kleinfontein (or Olifantspruit) 62 JP and Bloemfontein 63 JP, about 25 km northeast of Zeerust in the North West Province (Boeyens, 2000). The surrounding area is today generally known as Enselsberg (Tswana) (Fig. 1).

The aims of this study are twofold: first, to give an account of the zooarchaeological analysis of the excavated faunal collection and, secondly, to interpret the results in terms of the site’s historical context and the sociocultural activities that could have led to the accumulation of the midden. In a study of Ntsweng, the capital of the Bakwena ba ga Sechele in eastern Botswana from 1863 to the 1930s, Reid (2004: 303) argues for a more culturally...
Fig. 1
Kaditshwene and the research area in the Marico.
attuned approach’ to the study of faunal remains recovered from indigenous farming societies dating to the precolonial or early historical period. This implies that due attention should be paid to cultural factors that might have influenced the differential exploitation of animal resources, such as is sometimes reflected in mortality profiles, patterns of meat distribution and consumption, as well as the spatial distribution of species and body parts. In the case of the Kaditshwene court midden assemblage, such an approach is facilitated by a number of factors. As will be shown, the available dating evidence suggests that the midden accumulated over a relatively short period, spanning approximately 10 years. In addition, it is possible to identify the stratum or section of society, as well as the cultural practices and activities, which contributed to the discard and accumulation of the bone refuse. The contents of the midden assemblage can be attributed primarily to men, in particular those belonging to the ruling elite. Most important, though, is the availability of a rich body of ethnographic data and contemporary documentary evidence on the lifeways of the Tswana and, in particular, the Hurutshe at Kaditshwene, which can inform a cultural interpretation of the faunal assemblage.

HISTORICAL CONTEXT

The two critical questions to be addressed are exactly when the site of Kaditshwene was occupied and how long it took for the excavated midden to accumulate. According to oral tradition, the Hurutshe, or at least part of them, had been residing in the Enselsberg (Tswenyane) region since at least the mid-fifteenth century AD (Breutz, 1953: 141). However, the stone-walled town that became known as Kaditshwene was only established towards the end of the eighteenth century (Boeyens, 2003: 69). Prior to Kaditshwene, the capital of the Bahurutshe boMenwe was located at Mmakgame, about 10 km to the south of Zeerust. At Mmakgame, on the present-day farm Vergenoeqd 279 JP, they were ruled by Moiwa I. The exact date of Moiwa I’s death is uncertain – it has been variously given as 1795 (Legassick, 1970: 702), or 1805–1810 (Breutz, 1953: 95). Based on information obtained in 1820 by John Campbell, a director of the London Missionary Society, a date around 1790 seems more plausible. According to ‘Maketze’, a Rolong trader who travelled with the missionary-explorer to Kaditshwene, Moiwa I had been killed in a skirmish with the Ngwaketse under Moleta. The latter died in about 1790 after he had apparently been poisoned by his son Makaba (Campbell, 1822[I]: 314).

It was under Moiwa I’s successor, Sebogodi I, that the Bahurutshe booMenwe relocated their capital from Mmakgame to Kaditshwene Hilltop (Lichtenstein, 1815: 408; Smith, 1836: 79). Sebogodi still reigned in July 1813, as John Campbell (1815: 216–217) noted in the journal of his first journey into the South African interior: ‘A nation east from the Wanketzens [Ngwaketse] are called the Marootzees [Hurutshe], whose chief’s name is Seebechoone [Sebogodi], … Their city is larger than Lattakoo [Dithakong], and their cattle kraal, (or inclosure for securing cattle in the night time,) is so large that they frequently graze in it. It is said to be cold, perhaps on account of standing in an elevated situation.’

Hurutshe oral traditions relate that Sebogodi I died in about 1815 in a battle with the Bakgatla baga Mmanaana, a Tswana chiefdom occupying the Motswedi/Buispoort area in northwest Marico (Breutz, 1953: 34). When John Campbell (1822[I & II]) and Wesleyan-Methodist missionary Stephen Kay (1834) visited Kaditshwene in May 1820 and August 1821 respectively, the Hurutshe were governed by a regent, Dutiwileng, a brother of Sebogodi. The Hurutshe were compelled to evacuate Kaditshwene during the upheavals of ditaqane after attacks by various fugitive South Sotho groups, such as the Hlakwana, the Phuting and the Kololo (Legassick, 1970: 328–331). On 12 April 1823 Robert Moffat, missionary among the Tshaping at Kuruman, recorded that ‘[i]f the public accounts of the Bootchoonas can be depended on, Kureeecheene [Kaditshwene] is no more than a heap of rubbish, and very probably the camp of a ferocious enemy who are said to carry devastation and horror in their train’ (Schapera, 1951: 73). Dutiwileng died in a battle fought against the Kololo of Sebetwane at Kolontwaneng, the capital of one of the Hurutshe’s allies, the Batlokwa booMolefe (Campbell, 1822[I]): 314; Wookey, 1945: 38). Subsequent raids by Mzilikazi’s Ndebele induced the Hurutshe to finally abandon the Kaditshwene area and to settle down in southern Marico in the Mosega Basin, not far away from their former capital Mmakgame (Moffat, 1842: 516).

It is clear from the above account that the capital settlement on Kaditshwene Hilltop was occupied for little more than one generation, from about AD 1790 to 1823. A study of the layout of the central ward in the chief’s district allows us to narrow down even further the period during which the excavated midden accumulated. As shown in the accompanying map (Fig. 2), which covers only a portion of the kgosing (central division or district) of Kaditshwene, there are two large cattle kraals and two large court areas in the centre of the chief’s ward. Next to each court there is a large midden. The midden of the first central or main court is probably as large as the excavated midden, which is associated with the
second central or main court. As will be explained in the following section, among the Tswana such large middens only accumulated near the great council-place (kgotla) of the chief (kgosi) in the capital. This suggests that at least two chiefs ruled at Kaditshwene during its occupation, a chronology which ties in well with the historical evidence on the reigns of Sebogodi and Diutlwileng. In Tswana society, the central court was usually shifted after the installation of a new ruler, primarily to accommodate the changing social relations and political alliances that arose from a transfer of power (Boeyens, 2003: 69). In the case of Kaditshwene, therefore, this must have occurred after the death of Sebogodi, not long after mid-1813, when he was succeeded by his brother Diutlwileng. Diutlwileng was not the designated successor but acted as regent. However, as several examples from Tswana history attest to, regents often strove to entrench their position, and if they governed well and became popular, they were allowed to stay on until they passed away (Language, 1943: 95). The establishment of a new central court and an even larger central cattle kraal would have bolstered Diutlwileng’s reputation and claim to the throne. Indeed, Diutlwileng boasted to Campbell (1822[I]: 251) that his influence extended beyond Kaditshwene and his own branch of the Hurutshe: ‘He said he was acknowledged as superior by all the tribes immediately around; but there were others beyond them who were very mischievous, such as the Boquains [Bakwena]…’

The sequence of the two courts and their associated middens can be established with reference to John Campbell’s travel account and his watercolour sketches of Kaditshwene. The excavated midden is located adjacent to the second central court (kgotla) where Campbell (1822[I]: 258) and his entourage stayed during their May 1820 visit. One of his watercolour sketches of the capital (Fig. 3) clearly depicts their wagons and tents in the south-western corner of the kgotla, which is described by Campbell (1822[I]: 223) as an ‘extensive inclosure … surrounded by a stone wall, except at the gate by which [they] entered’ where ‘some strong posts, ten or twelve feet high, were driven into the ground’. The sketch also illustrates a monolith on the inside of the
second central court near its northern entrance. This upright stone, which is still standing today, probably served as a symbol of political power and leadership.

It is evident that the second central court functioned towards the end of Kaditshwene’s occupation. The excavated midden, which is associated with this court, must therefore have accumulated over a very short period, between approximately 1813 and 1823. From oral and written sources it can be surmised that Diutlwileng’s reign was characterized by increasing tension, competition and conflict with neighbouring Tswana chiefdoms. This period saw the rise of the Ngwaketse in present-day Botswana under Makaba, with whom the Hurutshe clashed on more than one occasion (Gulbrandsen, 1987). In general, it would seem that the Hurutshe’s dominance of the region increasingly came under pressure. For example, in 1819 the Hurutshe had to enlist the support of a visiting Cape frontiersman, Coenraad de Buys, to subdue the Lete, a subordinate chiefdom located near a tributary of the Madikwe (Marico) River (Boeyens, 1998).

Such conflicts were probably also fuelled by adverse climatic conditions just prior to the cataclysmic events of the difaqane. Radiocarbon and tree-ring dating of a yellowwood tree (Podocarpus falcatus) from the midlands of KwaZulu-Natal points to “five years of severe drought” between approximately 1817 and 1823, which followed on “two
decades of very high rainfall' (Vogel et al., 2001: 164, 166). When Campbell (1822[I]: 262–263) travelled through the territory of the western Tswana in 1820, he was informed and became aware of a widespread drought in the region. By August 1821, during Stephen Kay’s visit (1834: 191) to Kaditshwene, a general drought prevailed in the western interior. Kay (1834: 198) found the Hurutshe at Kaditshwene in a dejected state: ‘A gloomy spiritlessness sat on every countenance, and the manner of all bespoke the absence of peace. Great poverty was apparent in the aspect both of old and young; and their reduced state induced them eagerly to eye every thing [sic] that was at all edible.’ This heightened tension in the South African interior, aggravated by a steadily encroaching colonial frontier, would have led to increasing political action and meetings at the second central court during the final decade of Kaditshwene’s existence.

The short period of occupation of Kaditshwene (approximately 30 years), and the even shorter period during which the second central court midden accumulated (approximately 10 years), greatly facilitate a cultural interpretation since the faunal assemblage represents a well-dated slice of behavioural residue. Our interpretation is further enhanced by the fact that the capital was visited and described during its brief occupation by the two abovementioned literate observers, John Campbell and Stephen Kay. The most comprehensive account of Kaditshwene is that of Campbell, whose journal contains invaluable information on the Hurutshe and other Tswana speakers’ use of animal resources. Campbell and his entourage stayed in the main public assembly area (the second central court or kgotla) in Kaditshwene from 4 to 13 May 1820, thus in full view of the activities that took place within the heart of the capital. His observations at Kaditshwene span more than 50 pages in his two-volume journal, Travels into the Interior of South Africa, which was published in 1822. He was an acute observer with ‘an eye for telling detail’, as well-known anthropologists John and Jean Comaroff (1992: 129) have noted. The wealth of cultural description in his travelogue constitutes an example of the ‘implicit ethnography’ that is often contained in accounts of indigenous and colonial societies (Whitehead, 1995: 57). Consequently, frequent reference will be made to Campbell’s first-hand account in our discussion of the archaeological assemblage and analysis. Because Kaditshwene can be confidently linked to the historically known Tswana, there are also sufficient grounds to make use of more recent ethnographic data on this linguistic cluster when interpreting the zooarchaeological data.


Before inferences can be made regarding the use of animal resources at Kaditshwene, in particular about dietary or non-dietary contributions, it is essential first to establish the nature of the activities that led to the accumulation of the faunal assemblage. Linking bones with human behaviour has always been a complicated issue in zooarchaeological investigations. As noted by De Wet Bronner (1995: 118) in her study of Iron Age faunal assemblages from the Soutpansberg, to successfully interpret refuse patterns, ‘we need to establish clearly whether middens are general purpose dumps or related to nearby activities’.

As indicated, the spatial and cultural context of the faunal remains from the Kaditshwene midden can be confidently linked to activities associated with the second main court (kgotla) in the central division (kgosing). Early historical Tswana capitals consisted of a large number of wards (dikgoro) that were often grouped into three ‘zonal divisions’, namely a central division, an upper or right-hand division, and a lower or left-hand division (Schapera, 1943: 70–71, 1953: 47). The core of the central division, also known as the kgosing (‘the chief’s place’), contained the chief’s ward, which was located next to or around the central kgotla and was composed of the dwelling units (malapa) of his and other family groups. The remainder of the kgosing was composed of the wards of the chief’s retainers, who were usually placed close to the chief’s ward, as well as the wards of nobles (dikgosana) who assisted with the administration of the chieftdom (Tlou, 1974: 73).

The excavated midden in the chief’s ward of the kgosing of Kaditshwene is located just outside the northwestern edge of the second main court. The entire midden covers an area of about 30 square metres. To the south of the large open space demarcating the court lies an exceptionally large cattle kraal (about 75 m × 45 m), enclosed by stone walls (Fig. 2). Campbell (1822[I]: 232–233) recorded that he was awakened one night by the bellowing of cattle in the enclosure adjoining the kgotla. Campbell’s watercolour sketch of the pitso, or gathering of 300–400 ‘captains’, which was held on 10 May 1820 in the kgotla to discuss his request to establish a mission station among the Hurutshe, also depicts people standing on a mound immediately to the northwest of the public assembly area, designated as the second central court. This mound, in fact, represents the central midden where the archaeological excavations have been carried out and from which the faunal collection derives (Fig. 4). The meeting described by Campbell constituted a pitso ya dikgosana (‘gathering of royals/leaders’), which
was attended by ward heads, sub-chiefs, chiefs of
neighbouring towns and such trusted advisors as
appointed by the ruling elite. It must be distinguished
from a *pitso ya morafe* (‘gathering of the nation’), an
occasional meeting held in the *kgotla* in which
all initiated males could participate (Coertze,
1990: 71). The large number of leaders present at
the meeting attests to the political influence of
Kaditshwene, whose population was estimated by
Campbell (1822[I]: 277) at about 16 000.

Although more difficult to detect, domestic middens
have been located behind the stone walls of some
of the *malapa* enclosures in the residential unit
occupied by the chief’s family group (Fig. 2). Ashy
patches are also found in front of the *malapa* of the
chief’s family unit, which suggests that these areas
may also have been used to dispose of domestic
refuse. It is axiomatic that investigation of these
smaller domestic middens should provide a better
indication of the diet and nutrition of the occupants
of each dwelling unit or household. Based on Tswana
ethnography, it is unlikely that such domestic refuse
would have found its way to the central *kgotla*
midden. As explained by a knowledgeable Tswana
informant, J. Masiangoako (1939: 6–7), to state
ethnologist N. J. van Warmelo: ‘The refuse [from a
household] is emptied outside the yard. Each

It has been argued that, among the Sotho-Tswana,
the replacement of the cattle kraal by the *kgotla* as
the public assembly area of the chiefdom marked
the development of greater political complexity and
the emergence of large-scale decision-making
units (Kuper, 1982: 150–151). The significance of
the *kgotla* in the everyday life and socio-political
organization of Tswana chiefdoms is perhaps best
outlined by missionary Charles Willoughby (1905:
301–302): ‘It is in this place that the public business
of the tribe is transacted; here all the ordinary public
assemblies are held, … here at daybreak, the chief
administers justice; here are held the rain-making
rites, the ploughing rites, the new year purification
rites, the rites in connection with the purification of
warriors, and even some of the final rites connected
with the initiation ceremonies for boys and girls.
Here all the messengers from the outlying districts
will await the pleasure of the chief, and to this place
every visitor at once proceeds.’

According to Gulbrandsen (1987: 231), the ‘*kgosi*
and his court, the *kgotla*,’ were ‘the focal point of
the state, politically, economically, ritually and spatially.’
The chief’s role in the court had to be public and he
‘should spend most of his time there’, not only to
discuss routine issues and recurrent problems with
the advisors who join him there, but also to be ‘avail-
able to all tribesmen who want to address the
kgosi’ (Gulbrandsen, 1987: 219).

Lestrade (1928: 429), in one of the earliest anthropo-
logical studies of the political organization of the
Tswana, noted, with special reference to the
Hurutshe, that it was ‘androcratic, democratic and
erontocratic, with aristocratic tendencies’. This
means that only adult males could attend court
proceedings, with the most senior among their
ranks attending and participating in the highest-
ranking court, the chief’s kgotla. The degree of
freedom of expression enjoyed by such senior men
attending a Piliso was noted by Campbell among
both the Tlhaping and the Hurutshe. With regard to
the former he observed at New Dithakong: ‘Such is
the freedom of speech at those public meetings,
that some of the captains have said of the King,
that he stupifies [sic] his mind by smoking tobacco, and
is not fit to rule over them’ (Campbell, 1822[II]:157).

District and ward leaders had a vested interest in the
affairs of the polity and were keen to participate in
court proceedings and in the political decision-
making process (Gulbrandsen, 1987: 237).

Not only the kgosi, but also most of the senior men
of the chiefdom spent most of the time in the kgotla,
as Campbell (1822[I]: 90) noted among the Tlhaping:
‘We visited three of the public enclosures where the
men generally spend the day together at work, or in
conversation. Each enclosure has what may be
called a summer-house, which is generally in the
eastern corner.’ The kgotla was also the place where
the men gathered during the day to dress skins and
make karosses, an activity in which even
Diutlwileng, the Hurutshe regent at Kaditshwene,
participated. In fact, Campbell (1822[II]: 230, 235)
noted that ‘[t]he chief employments of the men are
dressing skins and making cloaks in the public
places’. This activity was also witnessed by Campbell
(1822[II]: 72) at Dithakong: ‘In the public place,
opposite the chief’s house, we found eight or ten
people busy at work upon various kinds of skins for
cloaks; some cleaning and making them thin by
scraping them with a small iron adze, the edge of
which they frequently sharpened or touched up with
a steel [sic], smaller than those used in England at
table for sharpening knives; others were softening
skins with water, and one man was grinding tobacco.’

Fifteen years later, this custom was also recorded
by Andrew Smith among the Tlhaping at Kuruman
(Lye, 1975: 167): ‘It was in such spots which Mr Bell,
not ineply, in a representation of one of them has
denominated a Bituana club house and where we
first saw the process of constructing korosses (fur
mantles), whistles, knives, etc.’ The preparation of
one of these skin garments often took months to
complete (Crisp, 1896: 14–15).

It should be borne in mind that the chief’s kgotla
was the highest of several grades of courts, each
with a different level of jurisdiction. Sometimes as
many as four levels of courts were distinguished
below that of the main court, namely those settling
disputes concerning the family group, the sub-
ward, the ward or the district (Schapera, 1938:
278-283). Appeals could be made from a lower
court to a higher court, or more serious cases could
be referred to a court of a higher grade. The main
kgotla was also the venue where all the tribute was
delivered to which the chief was entitled. According
to Schapera (1938: 63), this consisted ‘primarily in
the breast-portion (sehuba) of every big game
animal, in one tusk of every elephant, and in the
skins of every lion and leopard killed by his subjects,
whether hunting alone, or in a regiment, or in a
letshololotl (tribal hunt)’. Besides serving as a venue for the highest court
cases, the reception of important visitors, the delivery
of tribute, the performance of national political and
religious activities and the execution of various
crafts by senior males, the main kgotla was also the
place where most of the leading men and visiting
dignitaries ate during the day. This is evident from
the gastronomic feast witnessed by Campbell
(1822[I]: 234–235) at the Kaditshwene court: ‘He
[Kgaswane, a visiting chief] made a present of an ox
to the Marooze Regent. I witnessed about an [sic]
hundred of the captains feasting on it at the gate of
the public inclosure where the waggons stood. The
Regent was seated in the centre…. A very large
wooden dish was laid before him, full of boiled flesh,
which he cut with a knife, holding the ends of the
bones in his left hand while he cut off the meat. He
seemed to act as chief carver, helping all around.’

According to Mönnig (1967: 190), among the Pedi
‘[m]en eat separately from women and children
and have their own utensils…. A woman and her
children usually eat together in their courtyard, but a
man is never summoned to a meal, and his food is
either kept for him, or sent after him. Usually men eat
in their gathering-place, and all the men present
share their meals.’ This also applies to the Tswana,
as indicated by Masangoako (1939: 6), who main-
tains that in the case of men, ‘all the food goes to the
kgotla. That is why every male person is compelled
to go to the kgotla and not anywhere he desires’. Although ethnographic sources differ as to whether
two or three meals were traditionally prepared each
day, it is clear that the main meal was served around
midday, ‘when the sun is hot’, i.e. about 11–12 noon
(Quin, 1959: 261; see also Mönnig, 1967: 189 and

In view of all the activities conducted in the chief’s
great council-place, it comes as no surprise that the central court midden is usually the largest ash-heap in the settlement. The Tswana proverb quoted in the title of this article thus aptly reflects the role of the main court and its associated midden as the hub of the capital. In full, the proverb reads as follows: 'Kgositsothobotelo e olelwwe matlakala.' This can be translated literally as 'A chief is like an ash-heap on which is gathered all the refuse', the cultural meaning of which has been explained as 'The higher the position the greater the responsibility' (Plaatje, 1916: 47; Matumo, 1993: 400). Not only did the chief bear the greatest responsibility, but he had to care for the well-being of all the members of the community – all their troubles could be 'dumped' on him. Tlhaping spokesmen interviewed by Language (1943: 10) quoted the same proverb to stress the fact the chief had to be accessible to all and that he was obliged to make no distinction between his subjects: 'The Tlhaping say: 'Kgositsothobotelo se khotlenabo' (the chief is a midden); everybody, good and bad, will always come to him and he must treat all of them equally and impartially. It is essential for the maintenance of the tribe that his subjects are treated all alike by the chief.'

It is clear from the above that the faunal remains from the court midden can be associated mainly with the male members of the Kaditshwene settlement, especially the chief and the leading men of the capital. The bulk of the remains would have derived from a variety of socio-political, economic, religious or juridical activities in which the leading men of the capital and other subordinate towns participated. In addition to animals slaughtered during public ceremonies or feasts, the faunal specimens were also derived from the daily meals consumed by high-status males in the capital's main assembly area.

THE MIDDEN EXCAVATIONS AND THE ARCHAEOFAUNAL ANALYSIS

Two test excavations, in 1990 and 1995 respectively, were carried out in the midden (25°21'25"S 26°10'03.5"E) that abuts the second central court. The 1990 excavation consisted of a block of 4 m × 2 m that was reduced to a 2 m × 2 m square after the first 10 cm. The excavation was conducted in arbitrary spits of 10 cm each until sterile reddish soil was reached at a depth of about 115 cm in layer 12. The 1995 excavation, which was positioned about half a metre away from the previous excavation, opened up a 2 m × 1 m block, also excavated in 10 cm spits to approximately the same depth. All the midden material was put through a 1 mm sieve and initially sorted on site. Charcoal retrieved from the midden excavations yielded six tightly clustered radiocarbon dates, the results of which suggest that the ash-heap accumulated over a relatively short period, sometime between the late eighteenth century and the 1820s (Table 1). As explained above, oral historical and documentary evidence suggests that the midden assemblage accumulated over an even shorter period, between about 1813 and 1823.

Using the comprehensive reference collection in the Archaeoziology Division of the Ditsong National Museum of Natural History (formerly Transvaal Museum), the animal remains from the two midden excavations were analysed according to internationally accepted procedures (Reitz & Wing, 1999). Animal size and age classes and osteomorphological landmarks were determined according to procedures suggested by Brain (1974), Voigt (1983), Peters (1986) and Plug (1998). The Bovidae (Bov) size classes are listed in Table 2. In the original analysis, the results were listed as per excavated spit. However, as the historical and archaeological evidence pointed to a relatively short and well-defined period of occupation, and as there was no evidence for stratigraphic separation or cultural variation throughout the deposit, the contents of the layers were combined for the purpose of this article. Similarly, the results from the two faunal reports on the two excavation units, designated as KLF2 and KLF3, were integrated (see Plug & Meyer zu Bargholz, 1993, 2000). No attempt was made to calibrate the MNI (Minimum Number of Individuals) counts originally listed in each of the two reports, which means that MNI counts could be slightly

<table>
<thead>
<tr>
<th>Lab. no.</th>
<th>Excavation &amp; layer</th>
<th>Midden depth (cm)</th>
<th>C-14 date (BP)</th>
<th>Calibrated age</th>
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<tbody>
<tr>
<td>Pta-5293</td>
<td>KLF1.1.2</td>
<td>10–20</td>
<td>180 ± 20</td>
<td>1682–1698; 1720–1745; 1807–1819</td>
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<tr>
<td>Pta-5870</td>
<td>KLF1.1.6</td>
<td>50–60</td>
<td>180 ± 45</td>
<td>1675–1772; 1800–*1823</td>
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<tr>
<td>Pta-5296</td>
<td>KLF1.1.11</td>
<td>100–110</td>
<td>200 ± 20</td>
<td>1677–1689; 1733–1768; 1802–1813</td>
</tr>
<tr>
<td>Pta-7039</td>
<td>KLF3.1.3</td>
<td>20–30</td>
<td>180 ± 50</td>
<td>1680–1755; 1804–*1823</td>
</tr>
<tr>
<td>Pta-7046</td>
<td>KLF3.1.5</td>
<td>40–50</td>
<td>220 ± 45</td>
<td>1664–1691; 1730–1814</td>
</tr>
<tr>
<td>Pta-7033</td>
<td>KLF3.1.11</td>
<td>100–110</td>
<td>200 ± 40</td>
<td>1671–1698; 1720–1780; 1795–1819</td>
</tr>
</tbody>
</table>
higher than would otherwise have been the case. As MNI counts cannot be used in mathematical and arithmetical calculations, no adjustments were made. Both NISP (Number of Identified Skeletal Parts or Specimens) and QSP (Quantifiable Skeletal Parts) counts are accumulative and are not affected. QSP adjusts for skeletal complexity and fragmentation and is based on NISP (see Plug & Plug, 1990, De Ruiter, 2004). The listing of the mammals is arranged according to the classification of Meester et al. (1986). Age classes of domestic animals are based on tooth wear and tooth eruption categories suggested by Voigt (1983), whereas relative age categories, mostly relevant to wild species, are listed according to Plug (1988). Genus and species names are in accordance with those used by Skinner and Chimimba (2005).

**Total assemblage**

Table 3 lists the composition of the total assemblage, consisting of nearly 24,000 specimens. Of these 2041, or 8.57%, could be identified to genus, species, family or animal size class. In total, remains of at least 45 taxa were retrieved (Table 4). This count includes indeterminate entries for which no equivalent species were identified, for example small rodent, small bird, etc. The assemblage is dominated by domestic bovids, cattle in particular. Their relative proportion might even have been higher as it may well be assumed that many of the indeterminate Bov III and Bov II bones were of cattle and sheep/goat (During, 1986). The elephant remains consist of ivory only, and the ostrich remains of a distal long-bone fragment and eggshell beads and fragments.

**Age, skeletal elements, pathology and sexing**

Age classes of domestic animals, presented in Table 5, show that all classes are represented in the samples of both the cattle and sheep/goat category. As is clear from Table 5, the different domestic bovid age classes are not equal in the time spans they represent. With reference to the NISP/QSP counts, 62.16% of cattle and 63.52% of sheep/goat teeth represent individuals that were under 30 months when slaughtered (Table 5). Therefore, in both instances, nearly two-thirds of the teeth fall within the juvenile to young adult group. The remaining teeth represent an additional ten to twelve years or so for cattle and four to six years extra for sheep/goat. The emphasis was therefore on the slaughtering of younger animals. This accords well with the interpretation that the high-status males who received their meals in the court would have had access to the choicest meat cuts. This might have changed during periods of drought or military stress as perhaps indicated by at least 22 ossified rib cartilage fragments, mostly of Bov III size (probably cattle), which belonged to individuals that were relatively old when slaughtered. Obviously, the excavated assemblage accounts for only a small portion of the court midden and is not representative of the site as a whole, and perhaps not even of the entire ash-heap. The presence of newborn animals in the assemblage could be the result of natural mortality amongst the very young, rather than deliberate slaughter (Plug, 1988).

Table 6, skeletal elements represented, lists all the bovids. Sheep and/or goats are combined with Bov II and cattle with Bov III. The dense limb-bone fragments are well represented, as are many of the other elements. The horn-core and skull elements are mostly very fragmented, hence the large NISP, but relatively low MNI counts. The Bov III group is best represented. As the assemblage comes from a restricted part of the midden, the skeletal element representation may, to a certain extent, be an

---

**Table 3**

| Bovid teeth | 257 |
| Bovid skeletal element fragments | 1 216 |
| Other identified remains | 568 |
| **Total identified** | **2 041** |
| Enamel fragments | 372 |
| Skull fragments | 4 063 |
| Vertebra fragments | 822 |
| Rib fragments | 4 586 |
| Miscellaneous fragments | 8 932 |
| Bone flakes | 2 978 |
| **Total unidentified** | **21 763** |
| **Total assemblage** | **23 804** |
| Mass identifiable fragments (g) | 24 992 |
| Mass unidentifiable fragments (g) | 42 567 |
| **Total mass (g)** | **67 559** |
| No. of specimens burnt | 3 477 |
Table 4
Species present, NISP, QSP, MNI and mass (g). (NISP: Number of Identified Specimens; QSP: Quantifiable Specimens; MNI: Minimum Number of Individuals).

<table>
<thead>
<tr>
<th>Species</th>
<th>NISP</th>
<th>QSP</th>
<th>MNI</th>
<th>Mass (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shrew</td>
<td>5</td>
<td>5</td>
<td>1</td>
<td>0.1</td>
</tr>
<tr>
<td>Cercopithecus pygerythrus, vervet monkey</td>
<td>3</td>
<td>3</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>Canis familiaris, domestic dog</td>
<td>10</td>
<td>9</td>
<td>1</td>
<td>23.7</td>
</tr>
<tr>
<td>cf. Canis familiaris, probably domestic dog</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0.3</td>
</tr>
<tr>
<td>Canis mesomelas, black-backed jackal</td>
<td>15</td>
<td>15</td>
<td>1</td>
<td>21.8</td>
</tr>
<tr>
<td>Otocyon megalotis, bat-eared fox</td>
<td>12</td>
<td>11</td>
<td>1</td>
<td>45.3</td>
</tr>
<tr>
<td>cf. Otocyon megalotis, probably bat-eared fox</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>14.1</td>
</tr>
<tr>
<td>Canis sp.</td>
<td>2</td>
<td>1</td>
<td>0</td>
<td>5.4</td>
</tr>
<tr>
<td>Ictonyx striatus, striped polecat</td>
<td>9</td>
<td>9</td>
<td>1</td>
<td>1.7</td>
</tr>
<tr>
<td>Parahaena brunnea, brown hyaena</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>3.7</td>
</tr>
<tr>
<td>Panthera leo, lion</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2.5</td>
</tr>
<tr>
<td>cf. Panthera leo, probably lion</td>
<td>2</td>
<td>1</td>
<td>0</td>
<td>3.1</td>
</tr>
<tr>
<td>Panthera pardus, leopard</td>
<td>3</td>
<td>4</td>
<td>1</td>
<td>2.8</td>
</tr>
<tr>
<td>Small to medium carnivore</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0.3</td>
</tr>
<tr>
<td>Loxodonta africana, elephant (ivory fragments)</td>
<td>40</td>
<td>1</td>
<td>1</td>
<td>47.2</td>
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<tr>
<td>Equus quagga, zebra</td>
<td>13</td>
<td>14</td>
<td>2</td>
<td>352.2</td>
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<tr>
<td>Equus sp., horse/zebra</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>21.2</td>
</tr>
<tr>
<td>Phacocherus africanus, warthog</td>
<td>11</td>
<td>11</td>
<td>2</td>
<td>79.9</td>
</tr>
<tr>
<td>Potamochoerus larvatus, bush pig</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>15.4</td>
</tr>
<tr>
<td>Suid</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>Bos taurus, cattle</td>
<td>929</td>
<td>541</td>
<td>27</td>
<td>20 188.3</td>
</tr>
<tr>
<td>cf. Bos taurus, probably cattle</td>
<td>25</td>
<td>20</td>
<td>0</td>
<td>653.5</td>
</tr>
<tr>
<td>Ovis aries, sheep</td>
<td>51</td>
<td>44</td>
<td>6</td>
<td>375.5</td>
</tr>
<tr>
<td>Capra hircus, goat</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>35.5</td>
</tr>
<tr>
<td>cf. Capra hircus, probably goat</td>
<td>4</td>
<td>3</td>
<td>0</td>
<td>37.3</td>
</tr>
<tr>
<td>Ovis/Capra, sheep/goat</td>
<td>217</td>
<td>164</td>
<td>18</td>
<td>991.9</td>
</tr>
<tr>
<td>cf. Ovis/Capra, probably sheep/goat</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>5.9</td>
</tr>
<tr>
<td>Acelaphus buselaphus, red hartebeest</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>13.2</td>
</tr>
<tr>
<td>cf. Acelaphus buselaphus, probably red hartebeest</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>6.7</td>
</tr>
<tr>
<td>Damaliscus pygargus, blesbok</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>16.7</td>
</tr>
<tr>
<td>Sylvicapra grimmia, grey duiker</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>6.6</td>
</tr>
<tr>
<td>Raphicerus campestris, steenbok</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>5.9</td>
</tr>
<tr>
<td>cf. Raphicerus campestris, probably steenbok</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>4.6</td>
</tr>
<tr>
<td>Aepyceros melampus, impala</td>
<td>5</td>
<td>4</td>
<td>1</td>
<td>55.9</td>
</tr>
<tr>
<td>cf. Aepyceros melampus, probably impala</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>2.7</td>
</tr>
<tr>
<td>Tragelaphus strepsiceros, kudu</td>
<td>9</td>
<td>5</td>
<td>2</td>
<td>416.5</td>
</tr>
<tr>
<td>Redunca fulvorufa, mountain reedbuck</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>7.9</td>
</tr>
<tr>
<td>cf. Redunca fulvorufa, probably mountain reedbuck</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0.5</td>
</tr>
<tr>
<td>Bovid small (Bov I)</td>
<td>19</td>
<td>9</td>
<td>1</td>
<td>39.3</td>
</tr>
<tr>
<td>Bovid small to medium (large Bov I)</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>4.7</td>
</tr>
<tr>
<td>Bovid medium (Bov II) non-domestic</td>
<td>12</td>
<td>6</td>
<td>0</td>
<td>65.9</td>
</tr>
<tr>
<td>Bovid medium (Bov II) indeterminate</td>
<td>104</td>
<td>62</td>
<td>0</td>
<td>355.1</td>
</tr>
<tr>
<td>Bovid medium to large (large Bov II)</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>4.6</td>
</tr>
<tr>
<td>Bovid large (Bov III) non-domestic</td>
<td>74</td>
<td>53</td>
<td>0</td>
<td>651.9</td>
</tr>
<tr>
<td>Bovid large (Bov III) indeterminate</td>
<td>74</td>
<td>53</td>
<td>0</td>
<td>651.9</td>
</tr>
<tr>
<td>Pedetes capensis, springhare</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>cf. Rattus rattus, probably European house rat</td>
<td>6</td>
<td>6</td>
<td>2</td>
<td>0.6</td>
</tr>
<tr>
<td>Rodent very small</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>0.2</td>
</tr>
<tr>
<td>Rodent small</td>
<td>7</td>
<td>7</td>
<td>1</td>
<td>1.5</td>
</tr>
<tr>
<td>Rodent medium, rat-size</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>0.6</td>
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<tr>
<td>Rodent large</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0.1</td>
</tr>
<tr>
<td>Lagomorph</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>Mammal small indeterminate</td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>1.6</td>
</tr>
<tr>
<td>Gallus domesticicus, domestic fowl</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.4</td>
</tr>
<tr>
<td>Struthio camelus (distal long-bone and ostrich eggshell fragments)</td>
<td>354</td>
<td>3</td>
<td>2</td>
<td>233.6</td>
</tr>
<tr>
<td>cf. Torgos tracheliotus, probably lappet-faced vulture</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>87.7</td>
</tr>
<tr>
<td>Sagittarius serpentarius, secretary bird</td>
<td>5</td>
<td>4</td>
<td>1</td>
<td>12.3</td>
</tr>
<tr>
<td>Bird small</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>0.6</td>
</tr>
<tr>
<td>Bird medium</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0.4</td>
</tr>
<tr>
<td>Bird large</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>Agama lizard</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.1</td>
</tr>
<tr>
<td>Tortoise</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.2</td>
</tr>
<tr>
<td>Frog</td>
<td>7</td>
<td>7</td>
<td>2</td>
<td>0.2</td>
</tr>
<tr>
<td>Fish</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>Potamonautilus sp., freshwater crab</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.3</td>
</tr>
<tr>
<td>Succinea sp., small gastropod</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>0.1</td>
</tr>
<tr>
<td>Unio caffer, freshwater mussel</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>8.2</td>
</tr>
<tr>
<td>Aspatharia sp., freshwater mussel</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>14.9</td>
</tr>
<tr>
<td>Unionidae, freshwater mussel</td>
<td>16</td>
<td>6</td>
<td>2</td>
<td>14.8</td>
</tr>
<tr>
<td>Freshwater small gastropod</td>
<td>6</td>
<td>5</td>
<td>6</td>
<td>0.3</td>
</tr>
<tr>
<td>Veneridae, marine clam</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.4</td>
</tr>
<tr>
<td>Total</td>
<td>2041</td>
<td>1085</td>
<td>117</td>
<td>24 992.3</td>
</tr>
</tbody>
</table>
artefact of sampling. Cultural factors may also have influenced the content of the assemblage. Although ethnographic sources do not provide exact guidelines, it is clear that in traditional Tswana society, meat cuts were distributed and consumed according to specified cultural rules. According to Breutz (1941: 85), for example, the chief was supposed to receive the three upper right ribs from each slaughtered cow as tribute from his subjects. Enquiries among the direct descendants of the former inhabitants of Ntsweng revealed that the western Kwena presently regard the head and the neck of an animal as ‘the most prestigious body part’ (Reid, 2004: 318). Overall, the skeletal elements represented in the midden assemblage do not show any marked trends except to note that the phalanges are not particularly well represented, considering that there are eight of each type of phalanx in the bovid skeleton. As these bones generally preserve well, their apparent under-representation in the assemblage needs to be accounted for. The best explanation, based on the available ethnographic evidence, is that phalanges constitute low-status meat cuts that are usually given to herdsmen (Reid, 2004: 318).

A rib fragment of a Bov III-sized animal had broken in life and healed, displaying regrowth callus. A metapodial fragment of a sheep had also broken in life and knitted with the ends misaligned. Due to the fragmentation of the assemblage it was not possible to determine the sex of animals.

**Bone modification**

Many fragments show modification in the form of smoothed or polished ends and/or sides. Most are rib and bone flake pieces, numbering 380 in all. Some of this smoothing might have resulted from the processing of hides, one of the main activities carried out regularly by males in the kgotla. During his first visit to the Tlhaping at Dithakong in 1813, Campbell (1815: 183) visited the court of an outlying district and noted that ‘some of the men were employed in stretching skins with pins on the ground; others in rubbing the inside with rough bones, which gives them much the appearance of woollen cloth’. The ventral margin of a freshwater mussel of the family Unionidae is polished. One half of an Aspatharia sp. shell and an additional six freshwater mussel shell fragments are polished on one edge. Cut and/or chop marks are visible on 124 specimens. One specimen shows colouring consistent with ochre staining.

Three bangle fragments made from elephant ivory have straight edges, polished flat. Ostrich eggshell beads were common and a total of 206 was recovered. Three small bone beads, about similar in size to the ostrich eggshell beads, were identified. Two larger bone beads were also present, one made from the midshaft of the long-bone of a small mammal and the other from that of a bird. One very heavily burnt fragment appears to be the remnant of a bone bead. A tarsus–metatarsus shaft of a vulture (cf. Torgos tracheliotos) was cut and snapped at both ends, just below the proximal and above the distal articulations.

Carnivore damage is present on 54 fragments and another six are stomach-etched. Only 15 specimens were gnawed by rodents. Many specimens, 3477 in total, including 25 of the ostrich eggshell beads, show traces of fire damage, ranging from being scorched to calcined.

**DISCUSSION**

**Domestic animals**

Historical accounts almost without exception claim that the Tswana were traditionally extremely reluctant to slaughter their cattle, sheep or goats, but instead relied primarily on game for their meat supply (Crisp, 1896: 17; Manson, 1990: 54). Twentieth-century ethnographic investigations by Schapera (1953: 25), too, seem to confirm the abovementioned historical pattern: ‘Domestic animals provided milk, but they were seldom slaughtered, save by wealthy owners or on ceremonial occasions; meat was more usually obtained by hunting’. This reluctance of African farmers to slaughter livestock may, however, represent a more recent development resulting from, among others,
socio-economic disruptions and setbacks caused by the upheavals of the *difaqane*, colonial wars and conquests, as well as the rinderpest pandemic of the 1890s (Voigt, 1983; Badenhorst, 2008). This is borne out by the composition of the Kaditshwene faunal assemblage, from which it would appear that the *kgotla* attendants relied on their herds of cattle, sheep and goats for most of their animal protein.

Based on the number of elements corrected for skeletal complexity, cattle remains outnumber those of the sheep/goat group at a ratio of 2.6:1. Archaeologically, the importance of cattle to the Hurutshe is also signified by the large size of the cattle enclosure associated with the second central court in the *kgosing*. It encompasses an area of approximately 3375 m$^2$. Campbell (1822[I]: 208–209), for example, noted that pack-oxen were used to carry untanned animal skins which the Hurutshe had bartered from the Thamaga of Madibogo, a neighbouring group of mixed Tswana-Khoekhoe descent. Tlaping traders who accompanied

<table>
<thead>
<tr>
<th>Skeletal element</th>
<th>Bov I</th>
<th>Bov II</th>
<th>Bov III</th>
<th>Total</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horncore</td>
<td>0</td>
<td>1</td>
<td>143</td>
<td>144</td>
<td>9.78</td>
</tr>
<tr>
<td>Skull</td>
<td>0</td>
<td>29</td>
<td>88</td>
<td>117</td>
<td>7.94</td>
</tr>
<tr>
<td>Mandible</td>
<td>2</td>
<td>36</td>
<td>73</td>
<td>112</td>
<td>7.54</td>
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<tr>
<td>Teeth</td>
<td>4</td>
<td>109</td>
<td>144</td>
<td>257</td>
<td>17.45</td>
</tr>
<tr>
<td>Hyoid</td>
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<td>2</td>
<td>15</td>
<td>18</td>
<td>1.22</td>
</tr>
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<td>10</td>
<td>11</td>
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</tr>
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<td>0</td>
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<td>4</td>
<td>5</td>
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</tr>
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<td>75</td>
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<td>34</td>
<td>63</td>
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</tr>
<tr>
<td>Radius</td>
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<td>38</td>
<td>45</td>
<td>86</td>
<td>5.84</td>
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<td>10</td>
<td>28</td>
<td>39</td>
<td>2.65</td>
</tr>
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Campbell (1822[I]: 118–119) on his journey from Dithakong to Kadiithshwene took along ‘red paint’ (ochre), ‘blue shining powder’ (specularite), glass beads and skin cloaks to be exchanged for cattle, iron and copper. Besides their essential economic value, cattle also served as the preferred sacrificial animal in various religious ceremonies and rituals. The body of a chief was wrapped in the skin of a black ox before he was buried in the cattle kraal next to the main court. In cases where diviners believed a drought to be due to the ‘restlessness’ of a former chief, a black ox was slaughtered on his grave to appease the ancestor spirits and beckon the coming of the rains (Schapera, 1971: 111–113).

Cattle could also be procured through barter or their numbers would increase through natural herd growth, but cattle raids made an equally important contribution. Gulbrandsen (1987: 22) has argued that cattle raids played a major role in the rise of the Ngwaketse under Makaba in the late eighteenth and early nineteenth centuries. In his travelogue, Campbell (1822[I]: 174, 230) documented the frequency with which cattle raids were carried out among the western Tswana. During their stay at Kadiithshwene, members of Campbell’s following were invited to join the Hurutshe on a hunting trip. This turned out to be a ruse to trick them into a cattle-raiding venture, as they were marched to within sight of a cattle-post belonging to Makaba, the leader of the Ngwaketse. The post was located about a day’s walk from the Hurutshe capital. In the end, the visitors were not requested to attack the cattle-post, probably because their guides sensed their objection to, and indignation at, such conduct (Campbell, 1822[I]: 254). The central role played by cattle in early internecine conflicts among the Tswana has been encapsulated in a popular song, which can be translated as follows: ‘Beast, god of the home, god with the damp nose; beast that makes kingdoms fight, you have killed many people’ (Schapera, 1934: 14; Comaroff and Comaroff, 1990: 195).

The frequency of these cattle raids was undoubtedly exacerbated by the deprivation of the drought that plagued the western interior shortly before the difaqane. This might have induced the Hurutshe to keep more of their cattle than usual in their mountain capital, as was noted by Campbell (1822[I]: 256): ‘The Marootzee greatly abound in cattle. I witnessed their herds returning in the evening to the kraals, or inclosures in the town. For two miles in one direction the road was covered with droves of cattle.’ Another vivid reminder of the former presence of cattle herds in the capital are the stands of blue buffalo grass (Cenchrus ciliaris) that occur on middens and in some stock enclosures on the Kleinfontein-Bloemfontein hill. This grass is more tolerant of the concentrated salt deposits contained in the soils of abandoned stock enclosures (Denbow, 1979: 408).

During his stay at Kadiithshwene, Campbell (1822[I]: 232) noted that the cows were milked in the morning. In this regard, the following observation by Burchell (1824: 368) during his visit in 1812 to the Tlhaping capital, Dithakong, sheds valuable light on the stock-keeping practices of the western Tswana: ‘The cattle usually kept at the town, are generally cows, retained there only by those who prefer or require sweet milk. Some pack-oxen for occasional service, and a few goats, are also fed in the surrounding plain; but oxen for slaughter are always pastured at the outposts, and driven to town only as they are wanted for use. Of these last, a considerable number are brought in every night, and killed the next morning.’

The large cattle herds observed among the Hurutshe are not unexpected since the grazing-lands in the vicinity of Kadiithshwene were well suited to cattle-farming. According to a classification by Bonsma (1976: 40), Kadiithshwene falls within one of ten farm regions in which it is possible to raise ‘reasonably large cattle’. The surrounding Enselsberg (Tswenyane) area forms part of the western Bankenveld, a hill-and-valley landscape with an altitude that varies largely between 1200 m and 1500 m (Wellington, 1955: 37, 82–84). Many fountains and streams originate in this hilly landscape, and, in more recent times, the mean annual rainfall has been measured at about 600 mm (1:250 000 rainfall map, 2526RUSTENBURG, 1966). The vegetation type, which can be described as Mixed or Sourish Mixed Bushveld, belongs to the Savannah Biome of the Central Bushveld (Acocks, 1988; Low and Rebelo, 1996; Mucina and Rutherford, 2006). Besides stock losses resulting from the ingestion of poison-leaf (Dichapetalum cymosum), the most important impediment to cattle farming in the area is the prevalence of the variegated tick, Amblyomma hebraeum, the carrier of the heartwater virus, Rickettsia ruminantium. Indigenous stock is, however, more resistant to this disease than imported breeds (Mönig and Veldsman, 1954: 107–109). There is no direct evidence that tsetse flies were present at Kadiithshwene during the period that the site was occupied or after it had been abandoned.

Although its exact location still needs to be determined, it is known that Kadiithshwene had a slaughter area, as was observed by Campbell (1822[I]: 273): ‘They have a public inclosure appropriated for the slaughtering of cattle, a convenience which I did not hear of at any other town.’ Evidence of butchering can be seen in the chop and cut marks on the bone fragments. These are mostly concentrated close to the articulation ends, indicating dismembering of
the carcasses. The fragmentation of many of the bones indicates fracturing consistent with the deliberate smashing of the limb bones, to prepare them for cooking and marrow extraction. During his journey through Tswana territory in the mid-1830s, Andrew Smith observed the way in which this was done (Kirby, 1940: 109): ‘They break in pieces the heads and porous portions of bone, lay them on the coal for a few minutes, and then chew them. The marrow and oily parts liquified [sic] by the heat flows out and is swallowed. The bony part they reject, usually giving it to dogs.’

It is well known that cattle-posts have long been part of the herd management structures of the Tswana. The cattle-post system is well suited to the drier western interior and is still maintained in many areas of Botswana (Grivetti, 1981; Plug, 1985; Plug and Voigt, 1985). On his way to Kaditshwene, Campbell (1822[I]: 181) noted that the Barolong booRatlou of Khuwnana, near present-day Lichtenburg, had ‘many outposts for cattle, at all of which there [were] inhabitants’. Cattle-posts were manned mostly by young, unmarried men and boys, but in some cases poorer families could also be commissioned to attend to the cattle-posts of their wealthy overlords (Breutz, 1952: 264–265). This practice tied in well with the mafisa system, according to which the rich loaned cattle to their poorer compatriots as a way of spreading risk, thereby minimizing the impact of a sudden outbreak of disease (Coertze, 1986; Dreyer, 1992: 370). As compensation the subordinates could use the milk and were rewarded some of the offspring. During a rain-storm on their return journey from Kaditshwene, Campbell (1822[I]: 279) and his entourage took shelter in ‘an old Marootzee cattle-place’, with ‘a few low huts left standing’. In this regard, it should be noted that the age distributions of cattle in the faunal assemblage do not show noticeable gaps in the categories represented and thus do not shed any light on herding practices with regard to cattle-posts.

No mention is made of the presence of sheep or goats at Kaditshwene in Campbell’s journal, but remains of both have been retrieved from the excavated midden. Campbell (1822[I]: 277) calculated that should a blacksmith be employed at the envisioned mission station at Kaditshwene, he would be able to obtain one sheep for a knife and one ox for a ‘rough-made axe’. No attempt has as yet been made to identify the enclosures in which the sheep could possibly have been kept. Campbell was particularly struck by the fact that the sheep of the Barolong booRatlou, near neighbours of the Hurutshe, were covered with hair instead of wool. Their capital Khuwnana was his last stopover before he reached Kaditshwene. Campbell (1822[I]: 178) considered the hairy coat of indigenous sheep perhaps to have been ‘the most remarkable difference between European and African animals, of the same species, that [was] to be met with’. The precolonial sheep breeds of southern Africa were all hairy. Such hairy sheep can still be found in southern Africa and include Pedi, Nama and Damara sheep (Ramsay et al., 2000).

Only a few bones of domestic dog were found in the midden. Their under-representation in the faunal assemblage may be due to the fact that they were probably left to die and be buried elsewhere. It is unlikely that the Tswana would have considered their dogs as a food source, as is clear from the following observation by Campbell (1822[II]: 214): ‘The Matchapees [Tlhaping] consider dogs and tame cats as unclean, they will neither skin nor eat any of them, but they will eat wild cats, jackals, wolves, &c.’ Dogs were undoubtedly widely used for hunting by all Tswana groups, as they are still used today in rural areas of South Africa and Botswana. Successful hunting-dogs could earn their owners valuable trophies, as noted by Campbell (1822[II]: 213): ‘If dogs pursue an animal, the proprietor of the dog, who first seized it, has the carcass when killed.’ Campbell (1822[I]: 248–249) was less impressed by the way in which these animals were cared for by the Hurutshe: ‘Even the dogs, to whom they seem greatly attached, are living skeletons, from want of food. It required a sharp look out, and a severe use of the lash, to prevent them from running off with the meat cooking at the fires. No opportunity is lost by these animals for seizing anything eatable within their reach. Their perseverance and boldness in the pursuit of food is unconquerable.’

Elsewhere, when recording the woes of his party, Campbell (1822[I]: 236) elaborated on the insatiable appetite of the dogs roaming the central ward of Kaditshwene: ‘One of the Hottentots had both his shoes eaten by the hungry dogs during the night: and both of the horses had the leathern ropes, by which they were fastened to the waggons, eaten as high as to their mouths.’

Carnivore marks on some of the excavated bones indicate that dogs scavenged on the court midden. This may also explain the relatively few chicken bones found, as dogs would consume a chicken bone in its entirety, leaving no residue. This characteristic has been documented by Gallant (2002: 25) in his book on the modern-day descendants of the African dog: ‘In the natural world of the Africanis there is seldom abundance. Their senses are always tuned to the retrieval of food. They are innate scavengers and will leave no scrap untouched.’ However, Campbell might have been somewhat mistaken as regards the condition and treatment of
the dogs. His observations were no doubt coloured by his European background, as is evident from the following comment by Gallant (2002: 26): 'Although these dogs thrive on very little, they are gluttonous when food is available. For this reason, they are usually overfed in Western society. For an Africanis to be in good shape, its ribs should just be visible.'

Recent DNA studies on the assumed dog remains associated with Later Stone Age sites in the Western Cape have established that all these remains are from jackals (Horsburgh, 2008). The dog remains from Kaditshwene conform more to domestic dog than to jackal. The presence of dogs at the capital was well documented by Campbell (1822). Therefore, although some doubt may remain, we are fairly sure that the remains so identified are indeed from dogs.

**Wild animals**

Two famous nineteenth-century hunters and marksmen, the Kora leader Jager Afrikaner and the Khoekhoe evangelist Cupido Kakkerlak, accompanied Campbell on his journey to Kaditshwene. Upon their arrival on the mountain stronghold on 4 May 1820, Campbell (1822[i]: 224) was informed that the plains well to the north of Kaditshwene teemed with big game, elephants and buffaloes. The Hurutshe were perhaps hoping to induce Campbell to make available the guns possessed by members of his group, either for hunting or, as alluded to above, for cattle raiding. Elephant ivory, in particular, was a much-sought-after trading commodity.

However, it soon became clear to the visitors that game was no longer abundant in the area surrounding Kaditshwene. Their scarcity was, in fact, alluded to by the regent, Diutlwileng, shortly before the departure of Campbell (1822[i]: 271) and his entourage on 13 May 1820: 'He thus touched upon the very reason we had for departing the next day, viz. while part of the ox he gave us remained, for, had this been consumed, we could not have departed for want of food, the game being very uncertain.' The dwindling numbers of game in the immediate environs of early nineteenth-century Tswana capitals, some of which had large populations, might provide an explanation for the ever greater reliance on domestic animals as a meat source, as documented at Kaditshwene.

Wild animals identified in the faunal assemblage either still occur in, or were recorded from the region in the past. The meat of several game species listed in Table 4, including zebra and hare (Lagomorph), as well as antelopes such as red hartebeest, blesbok, steenbok, impala, kudu and mountain reedbuck, certainly formed part of the diet of attendants to the central court in Kaditshwene. Since no clear-cut evidence for burrowing was noted, springhare could possibly also be added to the dietary list. Compared to the species diversity recorded from the region during historical times, the number of wild taxa represented in the assemblage is limited (Du Plessis, 1969). This might reflect the dominance of herding and the resultant displacement of game species near the site. As we have noted above, the composition of the excavated faunal assemblage indicates that game was not the most important source of meat for the mostly senior males of Kaditshwene, who regularly attended court meetings and had their meals served in the chief’s kgotla. Nevertheless, it should be borne in mind that such an inference is based on a very limited faunal sample, which was retrieved from a small portion of a single midden only. More samples from different units and localities on the site should provide a clearer picture. It is noteworthy that on a visit to the Marico in 1836, well-known hunter William Cornwallis Harris (1852: 70, 74, 94–97, 103, 127, 129–130, 132–133) recorded the occurrence of several species in the area that are absent from the faunal assemblage: white rhinoceros, black rhinoceros, giraffe, buffalo, tsessbe and blue wildebeest. Rhinoceros horn was in high demand to make handles for knives and battle-axes. Campbell (1822[i]: 205, 295) noted in his journal that the Barolong booratlo of Khunwana hunted rhinoceros and that four battle-axe handles could be carved out of one rhinoceros horn.

It has been argued that hunting among the Tswana was a male activity that served as ‘a ritualistically heightened counterpart’ to stock farming (Kuper, 1982: 13). Major collective hunts were organized during key moments of the annual cycle, such as initiation rites, the installation of leaders, preparations for war and rainmaking ceremonies. Similarly, communal hunting was widespread among the Bantu-speaking people of southern Africa and was practised for the same reasons as among the inhabitants of Kaditshwene (see, e.g., Casalis, 1861; Kidd, 1904; Richards, 1939; Reynolds, 1968; Gelfand, 1971; Shaw, 1974; Hayes, 1978; McGurk, 1981). Hunting weapons included spears, bows and arrows, knobkieries (clubs) and axes. Some wild animals were probably trapped or snared, such as the hares, springhares and some of the birds. Gathering of animal food would include the ostrich eggs, molluscs, crab and tortoise. The ostrich itself, as well as the secretary bird and the vulture, would have been hunted.

Not all the wild animals identified from the midden assemblage can be regarded as food sources. Some were primarily hunted for their skins, as well as for social, medicinal or ritual purposes. The vervet monkey, leopard, lion, brown hyaena, bat-eared fox and black-backed jackal fall in this
category, although there is evidence that, under exceptional circumstances, some Tswana people would use some of these animals as food (Kirby, 1940: 207; Grivetti, 1981: 99–100). Interestingly, no remains were uncovered of the chacma baboon (Papio hamadryas – tswene in Tswana), the totem of the Hurutshe and the ubiquitous primate from which Kaditshwene derives its name. Its absence complies with a general taboo among the Tswana, which forbids people to kill or eat their totem animal (Schapera, 1953: 35).

As we have noted, the preparation of animal skins was the duty of adult (initiated and circumcised) men and was done in the public assembly areas. The wide range of wild and domestic animal skins prepared by the Tswana is evident from the list of skin cloaks documented by Campbell (1822[I]: 219) among the Tlhaping:

1. Of cat-skins, called tzeepa, which are most valued by strangers, but not esteemed by themselves more than the skins of other animals.
2. Of dark-coloured jackal’s skin, called cooboo pooloojay.
3. Of red jackal’s skin, called cooboo klooss.
4. Of ox or cow skin, called cooboo, or komo, or the beast-cloak, which is made soft by scraping, rubbing, &c.
5. Of lion’s skin, retaining the hair, called cooboo a tou.
6. Of knoo’s skin, called kokong.
7. Of hartebeest-skin, from which the hair is scraped; this is worn only in warm weather, called kamma.

They also have cloaks of tiger, leopard, and red cat skins, and a few made of sheep-skins.1

According to Crisp (1896: 37), Tswana infants used to be ‘slung behind their mother’s backs in a well-prepared skin called a ‘thari’. He noted that the equivalent Tswana proverb for ‘counting chickens before they are hatched’ was, ‘[a]re you braying a swana proverb for ‘counting chickens before they are hatched’ was, ‘[a]re you braying a ‘thari’ for the child which is not yet born?’. Interestingly, no
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Skin cloaks served as status symbols, and those of some animals were the preserve of royalty. Cloaks made of the skins of the mountain reedbuck (motso) could only be worn by the wives of chiefs (Ellenberger, 1937, 39). In this connection, it is interesting to note Campbell’s description (1822[I]: 268) of the dresses worn by the all-male assembly of about ‘300 to 400 captains’ during the pitso ya dikgosana in the central court of Kaditshwene on 10 May 1820: ‘There were a great diversity of dresses at the peetso. They all resembled each other, however, in having their bodies painted with pipe-clay from head to foot, and in wearing a kind of white turban, made from the skin of the wild hog, the bristles of which are as the whitest horse-hair. Many wore tigers-skins [leopard skins], and several were ornamented with eight or ten coverings resembling fur tippets, hanging from their shoulders, and others wore them depending from the middle of their bodies. There were a great variety of skin cloaks without the hair.’

The wild hog, from which the head-dresses worn by the kgotla attendants were made, no doubt refers to the bush pig, Potamochoerus larvatus, whose skin is covered with a crest of long whitish hair. An atlas fragment of this suid species was recovered from the midden, as well as several bone specimens of the warthog (Phacochoerus africanus). Both the bush pig and the warthog were also prized as a food source.

Leopard skins served as markers of leadership, and a chief received his leopard skin cloak on the day he was installed (Language, 1943: 120). According to Schapera (1938: 61), only a chief was allowed to wear such a cloak. He was informed that a regent ‘was not originally invested with the leopard-skin’, a practice which he interpreted as a more modern development. However, it is clear from Campbell’s watercolour sketches of both the regent, Diutwileng, and his brother’s son, Moilwa, that they were draped in leopard skins during the pitso that was held at Kaditshwene (Boeyens, 1998: 282). Their cloaks clearly show the broken rings or rosettes with which a leopard’s skin is covered. Diutwileng’s cloak is described by Campbell (1822[I]: 260) as follows: ‘He wore, sometimes before and sometimes behind, one of the handsomest tiger-skins I had seen, and was loaded with beads.’ Several explanations have been offered for the significance and symbolism of the leopard skin cloak, the most plausible one of which reads as follows (Language, 1943: 121): ‘Another characteristic of the leopard is that when he licks himself, he would lick the black as well as white spots on his body; he does not only select the black spots on his body. This is what is expected of the chief too. His tribe consists of good and bad people, of poor and rich. The chief should not discriminate between members of his tribe. When he delivers judgement or distributes food, he should be impartial and lick one as well as the other.’

During his stay among the Barolong booRatlou, Campbell (1822[I]: 302) noted that jackals were hunted mainly for their skins. He added the following caption to an unpublished sketch of the wife of Kaditshwene’s official rainmaker: ‘…Her hairy cap is made of jackal skin. Her cloak of tanned skins
made nearly as soft as woollen cloth….’ (Campbell, 1820). A few years after Kaditshwene had been destroyed during the difaqane, Kuruman missionary Robert Moffat received ‘an elephant’s tooth, two musk-cat [genet] karosses, one very large klouse (vaal-jakkal) kaross’ from a former inhabitant of the Hurutshie capital, in addition to a number of hartebeest skins and a ‘neat mouse-hond [polecat] kaross’ which he had bought from him (Schapera, 1951: 262). As listed in Table 4, remains of the black-backed jackal (phokoje), the bat-eared fox (motlhose) and the striped polecat (tshipa) were retrieved from the midden excavations.

The reference to Kaditshwene’s rainmaker raises the possible contribution of diviners or medicine-men (dingaka) to the faunal assemblage. According to Schapera (1953: 62), those dingaka who were ‘renowned for their skill were generally employed to help the chief in the various public rites for which he was responsible’. Such ceremonies included the making of rain, the doctoring of warriors before they engaged in war, the consecration and protection of the town’s headquarters and boundaries, the initiation of boys and girls, as well as festivals pertaining to the planting and harvesting of crops (Schapera, 1938: 70). The entire well-being of the community largely depended on the close cooperation between the ruling elite and the dingaka (Gulbransen, 1987: 208).

Animal remains were key components of the toll kits and medicines of the dingaka. As listed in Table 4, the remains of a probable lappet-faced vulture were retrieved from the midden. Vulture body parts, the heads in particular, are regarded even today as very strong medicine that could improve one’s ability to perceive things or events in the future or out of sight (Jackson, 2009: 8). The Vulture Study Group of South Africa still mounts guards near vulture colonies during the breeding season to prevent traditional healers from killing the adult birds. The present-day use of vulture remains among the Tswana in traditional medicinal and ritual practices (P. Benson, pers. comm., 1999) could also have existed in the past, and the vulture bone tube was probably part of a divining set or used as an amulet. The discovery of fragments of the radius and ulna of the secretary bird in the midden probably points to the performance of magical rites similar to those recorded by Breutz (1941: 88) among the ‘Tswana: ‘After the evil was cast out, the protection of the fields became the responsibility of the chief. He gave orders that the medicine-man should work against hail storms with a whistle or pipe (makana) that had been made out of the leg-bone of a secretary bird.’

Perhaps the most hazardous task belonged to the ‘tribal’ rainmakers, who had to collaborate closely with chiefs in performing the annual or seasonal ceremonies during which the rain clouds were summoned. They were also held responsible for executing the rites aimed at averting droughts and hail storms, or at removing those antisocial influences that kept the rains away (Schapera, 1971: 129–133). ‘Morokey’, the rainmaker at Khunwana, described one such rainmaking ceremony to Campbell (1822[I]: 305): ‘To procure rain, an ox is killed, the fat is chopped and mixed with different kinds of wood and leaves of trees; and all these are then burned.’ To ensure adequate rain, various taboos had to be adhered to, some of which involved wild animals, as recorded by Campbell (1822[II]: 204): ‘No elephants should be killed while the corn is growing, nor must a tooth of that animal be touched till a sufficient quantity of rain has fallen, lest what is necessary should be prevented from coming.’ Andrew Smith recorded similar beliefs among the Tswana during his journey into the interior in the mid-1830s: ‘When the corn is young they will not kill elephants; they think the corn will burn up…. They can also kill elephants after harvests. The last month the corn and mackatan were burnt up and that was by the elephant’ (Kirby, 1940: 27).

The rodents and shrew are accidental to the excavated faunal assemblage in the sense that they were most probably self-introduced into the deposit, living on the refuse and insects present in the midden. The probable presence of the house rat, Rattus rattus, accords with existing archaeological evidence that these exotics had already been present in southern Africa long before Europeans colonized the region (Plug et al., 1979). The small freshwater molluscs were probably introduced via reeds and sedges transported to the town. A mandible of the Agama lizard found in the midden was most probably also not introduced by human action, although it is known that medicine-men often made use of substances derived from reptiles. The faunal collection from Mmakgame, the capital of the Bahurutshe booMenwe prior to their relocation to Kaditshwene, yielded bones of the water monitor (Varanus niloticus) (Brown, 1996), an animal which was treasured by rainmakers. In 1835, explorer and naturalist Dr Andrew Smith was told by a Tiharo resident of the Northern Cape that they were forbidden to kill a ‘large lizard’ (a monitor), otherwise springs would dry up, and that the remains of accidentally discovered dead ones constituted an important ingredient of traditional rainmaking medicines (Lye, 1975: 193–194).

It would appear from early historical records that a general aversion to fish as food was found among the western Tswana (Grivetti, 1981: 107–108). As to be expected, very few aquatic animals are repre-
sented in the faunal collection, except for a few invertebrates. The polished edges of the freshwater mussels and the giant land-snail shells suggest that they were probably used to smooth the clay of pots and house walls, as is still done today. The presence of the marine cockle shell (Veneridae) is indicative of some trade or exchange activities that formed part of an East Coast trading network. In fact, many wild animals or their by-products were prized as trade items. Campbell’s (1822[i]: 276) list of ‘articles of trade’ in Kaditshwene that were manufactured from animal remains includes knife-handles, whistles, arm and leg rings of ivory, as well as cloaks, caps, sandals and shields of leather.

A broken ivory arm bangle was recovered from the midden. It was made of elephant ivory and had a diameter of about 60 mm. Besides its use to manufacture ornaments, ivory was an important trading commodity. Campbell (1822[i]: 240–241) was informed that the Hurutshe exchanged elephant tusks for imported glass beads with the western Kwena, renowned copper workers who were settled to the north of the Dwarsberg Mountains. The western Kwena, in turn, procured the glass beads from Tsonga traders, who had established a long-distance trading network that extended from the East Coast to the interior. It would seem that Tswanas chiefs tried to control such trading transactions, because Campbell (1822[i]: 267–268) records that Diutlwileng was upset after discovering that one of his subjects had exchanged an elephant tusk for glass beads with a Khoekhoe member of the visiting party, without his prior notification and approval. Elephant tusks were also prized as gifts to establish or cement political alliances. Campbell (1822[i]: 233, 243, 260), for example, received two elephant tusks as gifts from the regent, Diutlwileng, and one from Senosi, the leader of the neighbouring Bahurushe boMokgatlha. Diutlwileng also presented a large elephant tusk to ‘Munameets’, a Thaping visitor from Dithakong (Campbell, 1822[i]: 272). In general, Campbell (1822[i]: 246) recorded that the Hurutshe were greatly disappointed because he and his entourage had not brought along beads ‘to exchange with them for cattle and elephants’ teeth’. Altogether, only a few imported items of European or Indian Ocean origin, such as 130-odd glass beads and a few Dutch brass button caps, have been recovered from the court midden assemblage (Boeyens, 2003: 73; Wood, 2008: 191). This suggests that interregional trade in local commodities, for example in cattle, animal skins, grain and metals, was pivotal to the economies of the Hurutshe and neighbouring Tswana-speaking communities of the western interior. By the beginning of the nineteenth century, the populations and economies of Kaditshwene and Khunwana, as well as those of other Tswana capitals in the Rustenburg-Pilanesberg area such as Marothodi (Tlokwa), Boitsemagano (Kwena) and Molokwane (Kwena), had reached an unprecedented scale, which probably diminished the impact of long-distance trade and foreign imports as prime movers of socio-cultural change (cf. Hall et al., 2008).

CONCLUSION

Oral historical and documentary evidence indicates that Kaditshwene, the capital of the Bahurushe boMenwe, was occupied for little more than a generation, from about AD 1790 to 1823. The excavated midden itself accumulated over a very short period and can be confidently linked to activities associated with the second main court (kgotla) in the central division (kgosing) of the settlement. This court served as the great council-place of the last ruler of the town, the regent Diutlwileng, who succeeded his brother Sebogodi sometime after mid-1813. The first-hand account and sketches of missionary-explorer John Campbell, who visited Kaditshwene from 4 to 13 May 1820, provide a tantalizing glimpse of life at the Hurutshe capital during this brief period and greatly facilitates a cultural interpretation of the faunal record.

As outlined, the faunal assemblage originated from a variety of socio-political, economic, religious or juridical activities in which leading men from the capital and subsidiary towns participated. In addition to animals slaughtered during public ceremonies, feasts or rituals, the specimens were also derived from the daily meals consumed by leading men in the capital’s main assembly area. In its dietary composition, the midden assemblage therefore reflects a distinctly high-status and masculine bias. It would appear that the kgotla attendants relied primarily on their herds of cattle, sheep and goats for most of their animal protein. Cattle also served as a symbol of wealth in pre-colonial Tswana society. Chiefs usually had access to the largest herds, which they used to cement or sustain political ties and military alliances.

Ethnographic evidence confirms that animal remains were key components of the medicines and tool kits of diviners and medicine-men (dingaka), including rainmakers. Bones of the lappet-faced vulture and the secretary bird were recovered, body parts of which were most certainly used for magical purposes. Remains of a variety of game species were retrieved, including zebra, springhare, hare, warthog, bush pig, as well as bovids such as steenbok, impala, blesbok, red hartebeest, kudu and mountain reedbuck. While the meat of all these animals could have contributed to the diet of the kgotla attendants, their skins, as well
as those of cattle, sheep and goats, were also treasured and either worked into cloaks or traded. Not all the wild animals identified from the midden assemblage can be regarded as food sources. The vervet monkey, leopard, lion, brown hyaena, bateared fox and black-backed jackal, for example, were prized mainly for their skins. Elephant ivory, a highly valued trade item, was used to manufacture ornaments such as bangles. The ostrich was hunted and its eggshells were used to make beads.

Only a few imported trade items were recovered from the midden, including a small number of glass beads and a marine cockle shell (Veneridae). This suggests that internal trade among Tswana chieftoms was of far greater importance than trade relations with the East Coast or with the Cape Colony. Animals, in particular cattle, and their by-products, for example skins, were key commodities in the burgeoning inland trade among the populous Tswana towns of the western interior.

Finally, this analysis has shown that due account should be taken of the chronological and spatial context of bone assemblages before interpreting their cultural significance (Reid, 2004: 321). In this regard, it should be noted that the preponderance of domestic animals, particularly cattle, in the Kaditshwene court midden assemblage, together with the occurrence of a relatively wide range of wild animal species, accords well with the composition of faunal assemblages recovered from the core areas of contemporary early nineteenth-century Tswana capitals, such as the Kwenia towns of Molokwane and Boitemagamo near Rustenburg (Pistorius and Plug, 2001; Plug and Badenhorst, 2006). The central court area in the kgosing of these towns constituted the hub of the settlement, a place where the leading men of the chieftdom gathered daily to have their meals and to practise crafts such as hide-working. Here they also entered into the most important economic transactions, performed the most critical religious ceremonies and rituals, gave judgement in the highest court cases and debated and decided on key political issues. The material refuse of these activities, including the animal bones, were discarded in the associated central court midden, thus providing zooarchaeologists with a unique, if incomplete, insight into past human behaviour.

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