CAMELS AND HORSES IN AL-AȘMA'Ī'S MONOGRAPHS

Zsuzsanna Kutasi

Eötvös Loránd University, Budapest

Abstract:

In this study, two works of al-Aṣmaī (d. 216/831), *Kitāb al-ḫayl* and *Kitāb al-ibil*, will be examined. Due to the similar subject matters– description of an animal species – the structure of the two works is also very similar. For both animal species, the most important topic is birth and reproduction, which is why al-Aṣmaī's two books begin with this issue. The most suitable time for conception is determined based on experience, tradition, and observation, ensuring that the female animal can conceive and give birth to a healthy calf or foal. The fertility and abundant milk-production of camels, and the speed and endurance of horses, are thought to be ensured by their nobility, that is, the careful selection of pedigrees and ancestors, through the knowledge of genealogy.

Keywords: camel, Arabian horse, al-Asmaī, Arabic poetry

Medieval Arabic literature abounds in descriptions of animals, a large part of this corpus having been created in the late pre-Islamic era and transmitted through oral tradition and collected in the poetic anthologies of the early Abbasid period in the 2nd–3rd/8th–9th centuries. The relevant verses were also used in other, lexico-graphical works, sometimes under the titles *Kitāb al-ḫayl* or *Kitāb al-ibil*. In these works of lexicography, in addition to material collected by themselves among the Bedouins, the authors, such as Abū 'Ubayda (d. 209/824) and al-Aṣmaī (d. 216/831), also drew on collections of pre-Islamic or early Islamic poetry whenever they wished to explain the meaning of a rarely used word (Baalbaki 2014:3, 6–7). The camel was frequently described in the *qaṣīda*s of many pre-Islamic poets, whose works can be found in the collection of the *Mufaddaliyyāt* (al-Anbārī, *Mufaddaliyyāt*), including Țarafa b. al-'Abd (d. 38/569), Baššāma b. al-Ġudayr al-Udrī (al-Murrī) (d. 14/608)¹,

¹ His name is Baššāma b. 'Amr, al-Ġudayr being his nickname (*laqab*). He was a pre-Islamic poet from the Ġaṭafān tribe who owned a lot of camels. When the number of his camels reached one thousand, he spotted out the eyes of a camel bull, as was customary at

Zuhayr b. Abī Sulmā (d. 88/609), al-Mutaqqab al-'Abdī (d. 36/587), 'Alqama al-Fahl (d. 20/603), while descriptions of the horse are found in the poems of Țufayl al-Ganawī (d. 13/610), Labīd b. Rabī'a (d. 41/661), Imru'u l-Qays (d. 38/540), Abū Du'ayb Huwaylid b. Hālid al-Hudalī (a *muhadram* poet) (d. 33/654), and Zayd al-Hayl at-Tā'ī (a *muhadram* poet) (d. 9/630).²

Among the poetic images depicting animals, descriptions of camels (typically $n\bar{a}qa$, 'female camel' and *ibil*, 'camels' in the plural) and horses (*faras*, 'mare', and *hayl*, 'horses' and 'riders') stand out. These animals are revered by the Arabs as *hayawān anīs* ('living beings with souls').³

In what follows, two works of al-Aṣmaʿī will be examined with an eye to the terminology: the *Kitāb al-hayl* and *Kitāb al-ibil*.

Due to the analogous subject matter, the structure of the two works is very similar. Both descriptions begin with mating, pregnancy, and birth. The description of the camel begins as follows: "*The most appropriate time for a female camel to become pregnant is when she misses a year (rests) after her previous pregnancy, and mating takes place then*" (al-Aṣmaʿī, *Ibil* 43):

أجودُ وقتٍ يُحْمَلُ فيه على الناقةِ أن تُجمَّ سنةً ويُحْمل عليها

In the case of the horse, the most suitable time for a mare to conceive, as al-Asma^T puts it at the very beginning of the book again: *"[For all odd-toed ungulates] the most appropriate time (for a mare) to become pregnant is the seventh day after giving birth"* (al-Asma^T, Hayl 48).⁴

أجود وقت الحَمْل عليها بعد نِتاجها بسبعةِ ايّام

The topic of mating and parturition is much more elaborately detailed in relation to camels than to horses, including elements such as the pregnancy probe (*bawr*), premature birth (*i'ğāl*), and over-carrying (*idrāğ*), which are missing from the description of horses. After describing the calves/foals at birth, the text traces their growth, followed by an anatomical description in the case of the horse (absent in that

the time. See his description of the camel in al-Qināwī. 1949:74–75; and on the tradition see 'Alī 1980: VI, 79.

² Zayd b. Muhalhil b. Zayd b. Munhab b. 'Abd Raḍā. He got his nickname (Zayd al-Ḫayl), because of the great number of his horses. Six of his horses are known by name from his poems: al-Haṭṭāl, al-Kumayt, al-Ward, Kāmil, Du'ūl, Lāḥiq. The Prophet Muḥammad changed his name to Zayd al-Ḫayr, when he converted to Islam, alluding with this to the value of horses.

³ Contrasted with wild animals such as the lion or hyena, which are called in Arabic *hayawān ābid* (untamed, wild).

⁴ The first estrus after parturition (so-called 'foal-estrus') occurs five to eleven days after her giving birth. The mare is then in conceptional ability again. According to the European tradition, the optimal day for mating during the initial estrus is the ninth day following parturition (referred to as the 'foal one ninth'). See Bodó and Hecker 1998:216–217.

of the camel).⁵ Conversely, there is ample description of motherhood, suckling, and lactation (milk secretion) concerning camels. Within the anatomical description of horses, the author summarises the diseases of the legs and hooves as the most significant problems and does not address other diseases. In the case of camels, diseases are described after the animal's general characteristics, and the author mainly mentions internal problems caused by exhaustion and external injuries due to saddle sores or other bruises. He lists twenty-five diseases that can affect camels.⁶ After this, the two descriptions converge again, various desirable and undesirable characteristics being listed in the text. In the description of gaits, we find terms used for both camels and horses, just as in the description of colours that follows. The description of horses ends after the discussion of gaits, while two additional chapters complete the discussion of the camels due to the unique characteristics of the breed: the period between two waterings (*zim'*), and the types of marks (camel brands, *taznīm*) and skin twists used as markings.

| Terminology related to watering | (al-Așma'i, <i>Ibil</i> , 148–155) |
|--|------------------------------------|
| Time elapsing between two waterings | الظِمءُ |
| A camel, which is left by the water and drinks | المَّنَّةُ مَنْ مُ |
| whenever it wants to | الارغار عه |
| A camel cow that drinks every day | رافِهَةٌ |
| Daily watering | الرِفْهُ |
| Those who water their camels every day | المُرْفِهُونَ |
| An animal watered in the evening one day and in | ماتري بشار |
| the morning the next day | الغريجاع |
| Watering every day at noon | الظاهِرَةُ |
| Watering every two days | الغِبُّ |
| Watering every fourth day | الربْعُ |
| Watering every fifth day | الخِمْسُ |
| The camels arriving for the fifth day's watering | جاءتْ الإبلُ خَوامِسَ |

⁵ al-AşmaT's explanations of the camel's body parts can be found in Ibn Sīda, *Muḥaṣṣaṣ* II, 47–54. Among these we find some names common to horses as well, such as *ğirān* (throat, front-upper part of the neck in camels, fold of skin at the horse's throat), *dasī*^{ϵ} (the junction of the neck and withers in both species), *birka* (the front part of the camel's chest that touches the ground when lying down, or the whole breast in reference to the horse), *mirfaq* (the elbow in both species), *gurābān* (the upper part of the rump on both sides of the tail in both species), *'ağb* (tail bone in both species), *'asīb* (coccyx in both species) *dirā*^{ϵ} (forearm, part of the leg above the cannon [*wazīf*] in both species), etc.

⁶ Among them are the illnesses caused by inner and outer parasites, tremor (rağaz) asthma (rabw) and a kind of infectious disease that resembles malleus ($s\bar{a}d$, sayd). Due to the mastitis occurring in dairy camels, the injury caused by the rope or a stringy piece of wood binding the udder, is discussed elsewhere in the text, as part of the description of the state after calving, as is the cutting off non-milk-producing nipples.

| Watering every sixth day | السِدْسُ |
|--|---------------------------------|
| Camels watered every six days | ستوادِسُ |
| Watering every seventh day | السيبغ |
| Camels watered every seven days | ستوابعُ |
| Watering every eighth day | الثِمْنُ |
| Camels watered every eight days | ثَوامِنُ |
| Watering every ninth day | التِسْعُ |
| Camels watered every nine days | تواسئ |
| Watering every tenth day | العِشْرُ |
| Camels watered every ten days | عَواشِرُ |
| The camels asked for water while on the way. | طَلَقَتْ الإبلُ طلقاً إلى الماء |
| Asking for water on the first night | طَلَقٌ |
| Asking for water on the second night | قَرَبٌ |
| The camel went to the water, drank, and knelt | قد عَطَنَتْ |
| The camel kneeling after drinking at the water | هي عَطُونٌ |
| Camels watered for the second time | إبلٌ عالةً |
| He drank little | ڹؘۺؘڂؾۨ |
| Little, non-thirst-quenching drink | الشرابُ النَشُوحُ |
| The camel is being held back from the water | قصمب يَقْصم فُصَوباً |
| The camel is being held back from eating | ظَلَّ عاذِباً |

| Markings and camel brands ⁷ | (al-Aṣmaʿī, <i>Ibil</i> 156–160) |
|--|----------------------------------|
| Slitting the camel's ear as a mark; the slit part of the | |
| ear bends down, dries up, and becomes like an | التَزْنِيمُ |
| earring | |
| A burned line, as a brand on the camel's thigh | الخِباطُ |
| A hooked stick-shaped mark anywhere on the | |
| camel's body; a mark made with a hot iron upon a | المِحْجَنُ |
| camel | |
| A hook-shaped stick mark that looks like a hook | ر ما آم ما |
| hanging from the edge of a camel's saddle | |
| Three stick-shaped markings, which relate to their | أُونُ مُنْ أَا |
| lower part and diverge at their upper part | ונאנגם |
| A brand made with a hot iron stick on the nose of a | 51 I- ÷ 11 |
| camel | انجصم |
| A she-camel marked with a nose brand | ناقةً مَخْطُومَةً |
| Two circular marks on the neck | المُحَلَّقُ |

⁷ Among the markings, the tribal mark (*wasm*) is always placed in the same place on the camel (on the thigh), while the marks of the subtribes and families ($\bar{s}ahid$) can vary on the upper arm, neck, and nose, in addition to the permanent tribal mark.

| Marking at the very bottom of the neck | اللحاظ |
|--|--|
| The marking on the jaw | اللَهازُ |
| A camel marked on its jaw | مَلْهُوزٌ |
| A small incision made with a large knife or sharp | |
| stone on the thigh or upper arm; the cut piece of | الحَزَّةُ |
| skin curls up, dries up, and becomes like a skin wart | |
| A large incision made with a large knife or a sharp | |
| stone, after which the skin is folded up and allowed | الجَرْفَةُ |
| to dry | |
| An incision made on the hind leg (lower thigh: $s\bar{a}q$) | |
| or upper arm ('adud) with a large, broad-bladed | القَرْعَةُ |
| knife | |
| A mark on the camel's face, a dry piece of skin the | القد م |
| size of an olive | العرامة |
| Splitting the camel's ear | التَرْعِيلُ |
| A she-camel with split ears.; the dried part of the | รั ไ ด้ 5 สี่ยิ่ง |
| ear remains hanging | |
| Splitting of the front part of the ear; the split ear | عَنْ اللهُ عَلَيْ اللهُ عَلَيْ اللهُ عَلَيْ اللهُ عَلَيْ اللَّهُ عَلَيْهُ عَلَيْهُ اللَّهُ عَلَيْهُ وَ |
| part is left to dry | ، مِ ت بت- |
| Splitting of the back of the ear; the split ear part is | 5 J. NVI |
| left there to dry | , ₄ C |
| A female camel whose ears have been split in front | รี |
| and behind as well | التاقة معابته مدابرة |
| The she-camel that has the back of its ear slit as a | * |
| mark | المدابرة |
| Splitting the camel's ear in its middle part | الْخَرْقُ |
| An opening cut in the camel's ear | الشَرْقُ |
| A slit-eared she-camel | شَرْقاءٌ |
| A mark reserved for kings | الصَيْعَرِيَّةُ |

In the terminology related to camel and horse, there are common names with either the same or the opposite meaning. Examples include *hağīn* (camel of noble descent or horse of low descent), *hadūda* (breeding animal: camel and horse), *hūš* (wild animal: camel and horse), *kumayt* (dark chestnut horse and dark red, reddishbrown camel), *'anaq* (quick lively gait of camel and horse), *hamlağa* (light quick gait of camel casting its front legs ahead while walking and sliding its cushioned soles on the ground; and slow, sluggish gait of horse, much disliked by the Arabs), *hināf* (shovelling gait of the horse, with the hooves turned outwards while walking, and sideways gait of the camel), *munāqala* (the gait of the camel and horse avoiding stones), *asfar* (yellow colour of the camel and horse), *adham* (black colour in the camel combined with a lighter belly and groin; pure black in the case of the horse),

 $ahw\bar{a}$ (a dark brown colour in the horse; a greenish colour mixed with black and yellow in the camel), ahdar (an earth-coloured, greenish-coloured camel; a black, greenish-coloured horse).

There are words and expressions within the terminology of the camel or the horse which have also been adopted as technical terms in Arabic prosody: $q\bar{a}fiya$ muqayyada ('unframed', 'fettered', bound rhyme), $q\bar{a}fiya$ mutlaqa ('unleashed' rhyme). The name $dah\bar{l}l$, known in horse racing (a third horse placed between two horses bet for a race, on which no one may bet) (Ibn'Abd Rabbihi, al-iqd al-far $\bar{l}d$ I:151), also appears in prosody as the name of a variable letter wedged between the rhyming letter and the foundation (ta's $\bar{s}s$). The term used in prosody for the letter before the rhyming letter is *ridf*, which originally meant the seat behind the camelrider on the camel's back.

Before reviewing the thematic elements of the descriptions of the camel and horse, we must also briefly summarise the reasons of the marked cultural significance of these two species of animals for the Arabs.

1 The Origins of Camel- and Horse-Breeding among the Arabs: The Literary Sources

According to some of the classical Arabic sources (Ibn al-Kalbī, Ibn al-A'rābī and ad-Damīrī) recounting North Arabian traditions, the forefather of the Arabs is Abraham's son Ismā'īl, who was the first to tame the wild horses that God led to his tent and thus turned them into Arabian horses. The story of Ishmael (Ismā'īl b. Ibrāhīm), known from the Bible, was taken over by Arab traditions and supplemented by the idea that he was the first to speak Arabic, as well as a monotheist (*hanīf*) and the domesticator of the horse (ad-Damīrī, *Hayāt* 442; Ibn al-A'rābī, *Asmā'* 78; Ibn al-Kalbī, *Ansāb* 28–32). According to this tradition, the first Arabian horses came from the wild horses of the Arabian Peninsula (*al-hūšiyya*). These wild horses had once belonged to Wabār b. Umaym b. Lawd b. Sām b. Nūh but became wild after his death. We find the same story about the camels having been the property of Wabār, becoming wild after his death, and later joining the tame camel herds (Editor of *EI*² 1971:637, Pellat 1971:666).⁸

According to another group of classical Arabic sources, which rely on South Arabian tradition, the first Arab tribe to have a horse was the South Arabian al-Azd (a subgroup of the Kahlān), who received a stallion named Zād ar-Rākib ('provision of the traveller') as a gift from King Solomon, which became the ancestor of the horses of the Arabs. The legendary 'Awağiyyāt, as well as Dāḥis and al-Ġabrā', were also descended from Zād ar-Rākib. Perhaps the start of horse breeding was associated with Zād ar-Rākib and was not important because it was the first horse to come to the Arabs.

⁸ For more information cf. Kutasi 2012:23–29.

The descent of the Arabian horse from wild horses might be connected to a historical event, the destruction of the dam of Ma'rib in the 6th century, after which some Yemeni horses might have escaped towards the desert, becoming wild over time, and appearing among the nomads of the Nağd region. The Banū Taģlib were the first horsemen in Arabia, nomads living in eastern Arabia, well to the east of Nağd (Viré 1965:785). According to Ibn al-A'rābī (*Asmā*' 264, 101, 35) they were the first tribe to have a foal from Zād ar-Rākib, namely al-Huğayš, who became even faster than Zād ar-Rākib. Al-Huğayš's foal in turn was ad-Dīnārī (Bakr b. Wā'il's horse), and the latter's offspring was A'wağ (al-Akbar), owned by Banū Sulaym b. Manṣūr, then passing to the Bahrā' tribe.

According to Arabian folklore, which is also referred to in the Qur'ān (Q 88:16), the camel descended from malevolent $\check{g}inn$ ($\check{s}ay\bar{a}t\bar{n}n$), who lived in Hūš (the wilderness) beyond the sandy desert of Yabrīn⁹ and inaccessible to mortals. Occasionally these spirits appear in the form of a camels. The homeland of the $\check{g}inn$ is called Hūš in the same way as the abode of Wabār mentioned earlier, from which the ancestors of the Arabian horses and the Arab camels descend. The word itself is probably connected to *waḥš* ('wilderness') and *waḥšī* ('wild').

The Qur'ān (Q 7:73–79, Q 11:64–65, Q 26:155, Q 27:48–49, Q 54:28) mentions a story about the Prophet Sāliḥ that is not found in the Bible. The she-camel in the story, the first camel that came to the people of Prophet Sāliḥ, the Tamūd tribe, as a divine sign. God made a pregnant she-camel emerge from a cleft in the rock to prove to his people that Sāliḥ was indeed God's messenger. The camel lived with the tribe for thirty years, then God warned the prophet in a dream that the camel would be slaughtered by a child with red hair and blue eyes, which indeed happened so. The unbelieving members of his tribe killed his she-camel and its calf during the evening watering.¹⁰ On the third day after the ominous deed, God destroyed them in an earthquake by way of punishment.¹¹ The prophet Sāliḥ's camel was given a place in heaven after his death by the grace of Prophet Muḥammad.

⁹ Yabrīn is the name of a settlement in Saudi Arabia in the middle of the desert, 210 kilometres south of the country's capital, Riyadh. It was once inhabited by the ad-Dawāsir tribe, thought to descend from the last king of Ma'rib and part of the al-Azd tribe that sources claim owned the ancestor of the Arabian horses, Zād ar-Rākib. The tribe is the maternal ancestors of some members of the Saudi royal family. Since 1940, the village has become inhabited again, mainly by the ad-Dawāsir tribe. The tribe keeps the best dairy camels in Saudi Arabia, a breed called *dawsir* after the name of the tribe. These are large, black-coloured camels.

¹⁰ Obviously not identical with the calf that the she-camel carried in her belly when she emerged from the rock cleft. A she-camel can give birth to eight to ten calves in thirty years.

¹¹ In ad-Damīrī's description, the killers of the camel died of a peculiar disease in three days, during which the colour of their faces first turned red, then black, and finally their hearts stopped. The calf managed to escape. See ad-Damīrī, *Hayāt* 331–332.

2 Thematic Elements Appearing in the Poems

2.1 Thirst and hunger

Due to the camel's extraordinary efficiency and its tolerance of thirst, it is indispensable for those who live in desert areas or undertake long desert journeys between two larger settlements. Adaptation to life in the desert has reshaped the camel's body in such a way that it can last up to ten to twenty-one days without drinking, provided it can graze on the salty plants of the desert. In connection with this unique ability, as we have seen, al-Aṣmaī devotes a separate chapter in his book on the camel to the different periods between two waterings (al-Aṣmaī, *Ibil* 148–155). Starting with the camel left at the water source, which drinks whenever it wants to (*ar-raġraġa*), arrives at ten days as the longest period between two waterings. This is valid for the desert environment, but if the camel can graze on green plants, it can last up to three to six months without water (Zāyid, Ġādirī and Šaraḥya 1991:150).

The camel depletes ('dehydrates') the moisture content of its body tissues to preserve the water content of its intestines, so that they can continue to carry out their digestive processes, and then, during rehydration, it is able to quickly transfer the absorbed amount of water (up to two hundred litres in three minutes) into its blood circulation.

> كَمْ قَدْ حَسَرْنا مِن عَلاةٍ عَنْسَلِ حَرْفٍ كَقَوْسِ الشَوْحَطِ المُعَطَّلِ

How many times have we chased to death his tall, light she-camel, which has become emaciated, its muscles dried up, it has become (indestructible) like a bow made of šawhat¹², or like a stray camel without its owner (al-Aṣmaʿī, Ibil 103).

كأَنَّهُ مِنْ طوُلِ جَذْعِ العَفْسِ ورَمَلانِ الخِمْسِ بعد الخِمْسِ يُنْحَتُ مِنْ أَقْطارِ وِ بِفَأْسِ مِنْ أَرْضِهِ إلى مَقِيلِ الحِلْسِ

It [i.e. its body] is as if a piece had been cut out of its sides with an ax from the long, exhausting starvation and the fast walking, from the watering every five days, from its feet to the place where the saddle-cloth attaches (al-Aṣmaī, Ibil 112).

¹² A species of tree common in the mountain-range extending from near 'Arafāt to Naǧrān in Yemen; see Lane 1872:1513.

They were emaciated by the hot, windy days and the long journey, during which they drummed with bleeding bandaged feet (al-Asma⁷, Ibil 48).

The camel's red blood cells are oval-shaped, without a nucleus, so they do not burst under the influence of a large amount of suddenly absorbed water, but only their shape changes to a spherical form. Kidney function starts normally operating one hour after rehydration.¹³ No other animal's body can do this. In a dehydrated state, the blood sugar level increases tenfold,¹⁴ without the sugar appearing in the urine. The camel stores sugar in its blood rather than losing water in the urine, so the amount of insulin in its blood increases along with the sugar. During dehydration, water is not obtained from the hump,¹⁵ the fat stored there is mobilized only when replenishing energy or in case of illness and is used to cool the body. For the only source of water, the amount of water stored in the alimentary canal. Camels lose much less blood plasma than other animals during dehydration. Water from fat metabolism, which results in weight loss, is also used during dehydration in vital processes.

Al-Asma, when describing the very thirsty camel (bair havmān wa-nāqa havmā wa-ibil hivām) mentions that its spleen (such a camel is called *tahil*) or its lungs (such a camel is *tanā*) stick to its side. This condition results from excessive dehydration of body tissues.¹⁶ He calls huyām the disease caused by thirst and accompanied by fever (al-Asmaī, Ibil 129-130).17

> تُصْمِتُ بِالماء تَوْ لَبِأَ حَدِعَا ذاتُ هِدْمٍ عار نَواشِرُ ها

Its forearms are worn and hairless: I fasted it with water, which made it look like a malnourished one-year-old donkey mare (al-Asmai, Ibil 68).

ظَلَّتْ بِمُنْدَحَ الرَحَى مُثَوُّ لُها

كمبت كانّها هر اوة مِنْو ال

بعِجْلِزَةِ قد عترز الجري لحمها I was sitting on a hard-fleshed horse, whose muscles had been dried by so much running, on a dark brown that was like the wood and spindle of a loom [in colour and material] (Ibn Qutayba, Ma 'ānī 50).

¹³ Concentrated camel urine contains twice as much salt (about 7%) as seawater (3.5%). see Yagil 1985:33.

¹⁴ It increases from 150mg% to 1300mg%.; see Yagil 1985:35.

¹⁵ The Arabic language has at least thirty terms to describe the hump, even though al-Asma'l lists just fifteen hump-related terms in his book.

¹⁶ Arabian horses can reduce the water content of their body tissues by 12% in the event of a water deficit (Sneddon 1993:201-213). Their bodies become lean and dry like wood. In the poems, similarly to the emaciated camel, the poet compares the horse to worn wooden tools:

¹⁷ This illness is in fact caused by parasites of blood transmitted by flies. Among symptoms of the disease are fever, diarrhoea, and emaciation (Sa'ūd 2003: 80-81).

ثامِنَةً ومُعْوِلاً أَفِيلُها

They became bloated bellies, and their stature became like that of an eightyear-old camel. Their young, weaned calves are foaming at the mouth with thirst (al-Aṣmaʿī, Ibil 95).

The fact that the camel can eat even in a dehydrated state, since that it constantly regurgitates the bites, it has already swallowed, so its mouth does not dry out. Its production of saliva is continuous.

The members of the camel family, since they ruminate even though they are not ruminants but pseudo-ruminants,¹⁸ are named accordingly in the literature: the male animal is called a bull ($ba\bar{\imath}r$; $fahl^{19}$, $fah\bar{\imath}l$), the female is called a cow ($n\bar{a}qa$), and the offspring is called a calf. ²⁰ Contrasted with equids and non-ruminant herbivores, whose male is a stallion ($his\bar{a}n$), whose female is a mare (*faras*, higr), and whose offspring is a foal.²¹

The camel can ruminate while standing, lying down or walking. In the heat of summer, it usually ruminates at noon and at night, and during the rest of the day it eats for eight to twelve hours (Yagil 1985:47, Zāyid, Ġādirī and Šaraḥya 1991:132). It does not graze like other animals, by systematically grazing on everything in a certain area; its 'tastes'²² plants as it moves further and further away, always only nibbling on one plant or another, instead of grazing on all of them (Iqbal and Khan 2001:59, Yagil 1985:57). The camel can graze even when the other animals are already lying down or looking for shade (Yagil 1985:47).

يَعْشِيَ إذا أَظْلَمَ عَنْ عَشَائِهِ

¹⁸ The order Artiodactyla includes two groups, the true ruminants (Ruminantiae) (*al-muğtarrāt al-ḥaqīqiyya*) and the pseudo ruminants (Tylopoda) (*al-muğtarrāt al-kādiba*). Pseudo ruminants have a four-part compound stomach like the genuine ruminants, the difference being that the third part, the leaf stomach or omasum (*al-waraqiyya*) is underdeveloped, elongated, and does not work as intensively as the corresponding part of ruminants. The main digestion takes place in the first part of the stomach, the rumen (*al-kirš*). This part of the stomach contains a large amount of gastric juice, 98% of which is water.

¹⁹ The word *fahl* means any kind of male animal, not just the bull camel. *Fahīl* is the name of the bull camel used for breeding. A male camel can also be referred to as *ğamal*.

²⁰ The camel calf that has not yet been named is called *salīl*. The male camel calf is *saqb*, the female is $h\bar{a}$ *il*. A camel calf that can stand and walk is $r\bar{a}sih$. While it is still stumbling, it is called *mutfil*; when it can walk beside its mother, it is called *huwār ǧādil*. The ten-monthold male camel calf is *afīl*, the female *afīla*.; while a one-year-old camel calf separated from its mother is called *fasīl* or *fatīm*. See al-Aṣmaʿī, *Ibil* 55–56.

²¹ The newborn colt is called *muhr*, the filly's name is *muhra*. The foal is called this until it stops feeding on its mother's milk, i.e. for one year. The Bedouin let the foal suckle for a year, after which it is separated from its mother. A one-year-old weaned foal is called a *filw*. When it reaches the age of two, it is called a *hawlī*. See al-Aṣmaī, *Hayl* 48–49.

²² It means that the camels like to browse rather than graze.

مِنْ ذُبَّح السَلْعِ و عُنْصَلائِه والمَرْوَ يَهْدِيهِ إلى أَمعائِهِ يُأَفِّفُ الحَيَّةَ في غِشْائِهِ

He can barely see when the night falls on him during his dinner of Capparaceae and Astaraceae. He is guided by the marw's smell (Maerna crassifolia), the leaves of which cover the snake [lying beneath] (al-Aṣmaʿī, Ibil 111).

Food is digested in the rumen. In accessory sacs in the rumen, it can store liquid, the composition of which is like camel saliva. This alkaline liquid can neutralize the acidic products formed during the rumen's digestion process, so this greenish-coloured liquid with a strong smell is potable for humans when necessary (Wilson 1984:73, Yagil 1985:26).

Horses graze slowly, although they prefer certain plants, stopping in one place and eating a lot of grass. The main digestion process takes place in their caecum, they can run even when full, so they do not need to rest for digestion either. The large intestine of horses can store large amounts of water. Arabian horses can last up to seventy-two hours (i.e. three days) in desert conditions with a minimal amount of water (Sneddon 1993: 201–213).²³ In his book al-Asmaī does not mention the horse's endurance of thirst, drinking water or camel milk and tying them to dairy camels, topics that are treated in the section *Kitāb al-faras* of Ibn Qutayba's *al-Maʿānī al-kabīr* (Kutasi 2012:106–173).

2.2. Noble lineages and reproduction

The Rwala Bedouins of the modern era divide camels into two groups: noble (*hurr*) and common ($\bar{a}d\bar{i}$). A camel is considered noble only if both of its parents are proven by eyewitnesses to be noble. Even then, a camel can be recognized as noble if only the mother's nobility can be proven by eyewitnesses, since the identity of the father is uncertain. If a she-camel of good constitution, but of common descent, is mated by a noble camel bull, the daughters will be recognized as noble from the fifth generation, and the male offspring from the ninth generation (Musil 1928:332). Noble origin is regarded as a guarantee for the survival of good qualities:

²³ Based on the water and energy circulation of mammals, three ecotypes can be established: 1. The humid temperature type, which uses a lot of water and energy to maintain its vital functions, and whose kidneys have a weak concentrating ability. Such are cattle, elephants or moose, and horses in general. 2. The semi-arid ecotype, with a medium water requirement, with a good concentrating ability of the kidney, like the donkey, sheep, and Arabian horse. 3. The dry ecotype, with low water and energy turnover, with extreme concentrating ability of the kidney, such as camel, goat, gazelle and oryx. See Sneddon 1993.

غَرْزٌ له بُوقاتُ فِيقاتٍ بوُقْ أَعْمِدْ بَر اعِيسَ أبوها ذُعْلُوُقْ

The udder has plenty of milk ducts inflated with the remaining milk. Trust the abundant milking she-camels fathered by Dulūq (al-Aṣmaī, *Ibil* 70).

إن سَرَّكَ الْغَزْرُ المَكُوُدُ الدائمُ فاعْمِدْ بَرَ اعِيسَ أبو ها الر ابُمُ

If a female camel that always gives a lot of milk has been weakened, then choose the perfect sized one instead, the abundant milker, who is descended from ar- $R\bar{a}$ 'im (al-Aṣmaī, Ibil 80).

مَنْ هَمَزْنا عِزَّهُ تَبَرْكَعَا على اِسْتِهِ رَوْبَعَةٌ ورَوْبَعا

The (camel calf) from which we asked for a greater effort collapsed, the camel heifer and camel bull calf suffering from breeding paralysis (al-Aṣmaī, Ibil 67).

If you fear that the offspring will inherit the weaknesses of the parents from the mother's or the father's side, then observe [your camels] and choose the best of them, the dark red colour, like the stature of the best (al-Asmaī, Ibil 67).

Mun<u>d</u>ir's and Muharriq's excellent, noble camels were their ancestors and breeding bulls (al-Aşma[¬], Ibil 94).

The gestation period of female camels is thirteen months. Camel cows give birth to their first calf at six or seven years of age. Camels usually conceive every second year, so they can give birth to eight to ten calves during their twenty-five or thirty-year lifespan. A bull camel inseminates 150 to 200 female camels during the mating season (Hussein 1988). In Kenya today, the recommended number of calves is only six, because female camels, considered old by this time, give birth to weak and sick calves. Twelve-year-old breeding bulls are taken out of the herd and either let back after they have matured or are slaughtered (Kuria *et al.* 2016).

The breeder selects camel bulls based on the characteristics suitable for his purpose, preferring bulls with a proven ability to pass on its qualities to its offspring,

and then he inseminates the female camels of the herd. Inbreeding, which used to be a practice, is now being avoided and its consequences widely known.

Your war, at the height of the battle, is like the battle of the millstone with the grains of grain. It crushes them into powder and collects them under an unfolded skin. This is how war breaks down warriors, and how it exhausts the unplanned, annual pregnancy of she-camels, which eventually give birth to twins (al-Asmaī, Ibil 43).

Noble camels, which can only be fertilized with the owner's permission, are forcibly taken, and cannot be sold except at a high price (al-Aṣmaī, Ibil 43).

| ةٌ امارَتْ بالبولِ ماءَ الكِراضِ | سوف يُدْنِيكَ من لَمِيسَ سَبَنْتا |
|----------------------------------|---------------------------------------|
| حِينَ نِيلَتْ يَعَارةً في عِراضِ | أَحْمَرَتْهُ عِشْرِينَ يوماً ونِيَلْت |

He brings you close to his young strong female camel with a soft touch, which sprays her urine full of cervical fluid as she walks around. Twenty days of being forced to kneel before the camel bull for mating had emaciated her (al-Aṣmaī, Ibil 44).

If you tell them to humble themselves, they will humble themselves to our bull, who is happy to make the females kneel. The bull knelt on them and, if they let him, would subdue all the females in his charge (al-Asmaī, Ibil 44).

طَبُّ إذا أر ادَ منها عِرْسَا حتى تَلَقَّتْهُ مَخاضاً قُعْسا

When a gentle, experienced bull camel approaches it [the she-camel] for mating, the pregnant she-camel will welcome him with her head and neck folded on her back (al-Aṣmaī, Ibil 45).

إذا سَمِعْنَ صوتَ فَحْلٍ شَقْشاقُ قَطَعْنَ مُصْفَرّ أَ كَزَيْتِ الانفاقْ

When they hear the grunting sound of a bull camel, they drip their urine, yellow and stringy, as if it were oil (al-Asmaī, Ibil 46).

| كإيزاغِ آثراِ الْمُدىَ في الترائب | إذا ما دعاها أَوْزَ غَتْ بِكْرِ اتْها |
|--------------------------------------|---------------------------------------|
| يُلِقْنَ بِجاديٍّ ظُحورَ الْعَراقِبِ | عُصارة جَزءٍ آلَ حتى كأنما |

When it [the camel bull] called them, their virgin she-camels sprayed their urine up to the front of their chests as if they were the marks of long knives. Their urine became thick and flowed like blood when a long knife was cut on their chest. They turn a saffron colour (from their urine) on the back of their hocks (al-Aṣmaī, Ibil 46).

A young, six-year-old, fleshy, perfectly formed, fast-moving she-camel, tested by reputable, noble camel bulls (al-Aṣmaī, Ibil 48).

Turning to horses, the Arabs also distinguish between a noble horse $(a_{\bar{s}}\bar{l}, `at\bar{q})$ and a horse of lowly descent $(ha \check{g} \bar{n}, bir \underline{d} a w n)$, but the concept of nobility has a different meaning than for camels. A noble Arabian horse is one whose all ancestors come from at least five generations of desert-dwelling Arabian ancestors and are bred by desert-dwelling Bedouins. Arabian mares of the desert are also called *banāt ar-rī*h 'daughters of the wind', while those raised in oases are called *banāt al-mā*' 'daughters of water'.

A foal of a noble Arabian mare that is mated by a stallion of unknown or non-Arabian origin will have her offspring being considered ordinary horses. Likewise, if a mare of common or uncertain parentage is impregnated (by chance) by a noble Arabian stallion, her offspring will be regarded as common. When breeding noble horses, Arabs follow inbreeding and lineal breeding, which means that the foal of the mare selected as the founder of the family inherits the characteristics of its mother and creates a bloodline that carries the characteristics of the founding mare in all its members. Offspring always come from relatives. During lineal breeding, the selected stallion, when it grows up, is further bred with its own daughters and their daughters. In the short term, this type of breeding does not constitute inbreeding, but if applied over a long period of time, the offspring will show less and less of the original pattern, and characteristic genetic diseases often occur (Bodó and Hecker 1998: 118-119, Hecker 1994:50-52). An abundant literature has been produced about the nobility of Arabian horses in the Middle Ages, the best-known of which are Ibn al-Kalbī's Ansāb al-hayl and Ibn al-A'rābī's Asmā' hayl al-'arab. Al-Aşma'ī, however, has little to say about the nobility of horses in the book discussed here.

أحْوَى من العُوج وَقاحُ الحافر

Dark brown, a descendant of 'Awağiyyāt, with hard hooves (al-Aṣmaʿī, Ḥayl 49).

They are red and dark brown; their croups stand high; they are obviously mares descended from noble horses (al-Asma^T, Hayl 50).

There are significantly fewer poetic descriptions of the mating and pregnancy of horses in al-Aşma't's book than of the similar behaviour of camels. Horses have a gestation period of eleven months.

باتَتْ يُقَحّمُها ذو أَزْمَل وسَقَتْ له الفَرائِشُ والسُلْبُ القياديدُ

They [the mares] spent the night so that the loud-voiced [stallion]²⁴ jumped on their backs, and those with new-born [foals] and those long-bodied [mares] having had a miscarriage were made pregnant [by it] one after another (al-Aṣmaī, Hayl 48).

If the mare desires the stallion, its state is referred to as *istawdaqat* (she is in estrus), and a mare in this condition is called *wadīq*. If it rejects the stallion and attacks it, the relevant verb is $aqassat^{25}$ (she pushed him away), such a mare being called *muqiss*²⁶ (rejector). If the mare's belly grows, it is described with the verb a'aqqat (it became pregnant), is the adjective being 'aqūq (pregnant). If a mare's teat becomes shiny as a harbinger of pregnancy, the relevant verb is *alma'at* (shined) and the adjectival form is *mulmi'*.²⁷

A verse by al-A'šā reads:

مُلْمِعٍ لاعَةِ الفؤادِ إلى جَحْ شِ فلاهُ عنها فَبِئِسَ الفالي

A shining one, which lovingly turns to its freshly weaned foal – what a separator!²⁸ (al-Asma^T, Hayl 48).

2.3. Dairy camels

In relation to camels, the subject that al-Asmaī treats most extensively is milk production and related topics (birth, udder formation, udder binding, mastitis, udder mutilation, copious milking, milk retention, nursing). In his book on horses, this subject is completely missing, since Arabian horses were only bred for riding, and their milk was not regularly drunk, only in times of necessity.

²⁴ A good stallion approaches the mares in the estrus firmly, but not aggressively, so as not to scare them away; see Horváth 2003:444.

²⁵ There are mares that, despite showing signs of estrus, refuse to tolerate the stallion trying to mount them, but instead kick to drive it away; see Horváth 2003:447.

²⁶ The word (pl. $maq\bar{a}ss$) means 'with a foal growing in its belly' or 'a foal growing in its belly'. It is also referred to as *muqiss* until the stallion impregnates it, whereupon it becomes *mu'iqq* (pregnant, conceived). In reference to donkeys, *iqsās* means the first period of pregnancy and *al-i'qāq* the last stage. See al-Asma'ī, *Hayl* 352.

²⁷ In estrus the mare's teats swell, the skin on them tightens and therefore shines. In the same way, her coat also becomes shiny during this period.

²⁸ [*Falā* means separated, and $f\bar{a}l\bar{i}$ is the divider.]"

ZSUZSANNA KUTASI

The milk production of the camel cow starts after the birth of the calf and lasts for 305–500 days. During a lactation period of eight to eighteen months, it can produce 10,000 to 12,000 litres of milk, 35 to 40 litres per day. Lack of water intake for a week reduces the amount of milk produced, but water deprivation for a shorter period has no such effect (Fábri, Varga and Nagy 2014:487):

تَمْشي مِنَ الرِدَّةِ مَشْيَ الحُقَّلِ مَشْيَ الرَوايا بالمَز إدِ الأَثْقَل

Because of her swollen udder, she walks like camel cows that give a lot of milk, like water-carrying camels laden with water pots full of water (al-Aṣmaʿī, Ibil 55).

She has so much milk that she falls asleep while milking. When she eats, she leaves nothing behind. She is almost nine years old, her sixth molar has already erupted, her set of teeth is complete, like a nine-year-old (al-Aṣmaī, Ibil 76).

Only female camels with full udders and those whose udders are not yet full roam the barren, stark land (al-Aşma'ī, Ibil 77).

It [the she-camel] has thick hair, long legs and a raised belly, its body is pure black, and its udder gives milk even in lean times (al-Aṣmaī, *Ibil* 80).

He will surely suffer from deprivation and his female camel will give little milk two-three months after giving birth. Silence his son [crying from hunger] with thin, greenish milk (al-Aṣmaī, Ibil 90).

You watered the young, the smaller ones, a herd of camels, including the perfectly beautiful female camels along with the abundant milkers. You see the milk veins on the big bellies, coiling (under their skin) like hissing, evil snakes (al-Aṣmaī, Ibil 99).

Conclusion

For both animal species, the most important theme is birth and the reproductive process, which is why both of *al-Asmaī*'s books begin with this topic. The most suitable time for conception is determined since experience, tradition, and observation, ensuring that the female animal can conceive and give birth to a healthy calf or foal.

The birth of a foal is the birth of a new hope, when the whole family watches with anticipation the first signs of a noble Arabian horse's characteristics. The birth of a foal is cause for a family celebration, after which they monitor its development day by day and look for the excellent qualities of its parents and ancestors to manifest in its movements and the development of its body.

The birth of a camel calf is a little different, since in addition to the desirable and expected qualities of camels, the sheer number of offspring is also important. In addition to fertility and copious milk, special attention was also paid to the moment of insemination of camel cows and, later, to their maternal abilities. More than half of al-Asmaī's book on the camel deals with these topics. During mating, it can already be determined whether a camel cow will be fertile, whether it will accept the bull properly, whether it will be pregnant or just undergo pseudo-pregnancy. In the latter case, it only shows the signs of pregnancy without being in that condition. Barren camel cows have their tails broken so that they cannot spray their urine and mislead the camel bulls (al-Asmaī, Ibil 46). When it gives birth to its calf, people watch if it will be healthy and produce enough milk to support its young as well as its owners, if its milk dries up quickly or it remains lactating during the udderfeeding period. The milk production of a she-camel after miscarriage can be maintained with an artificial calf (al-baw), or if an orphaned calf is brought to it, the calf is smeared with the secretions of the camel cow's vagina and the placenta so that it can smell it as its own (al-Asmaī, Ibil 71).

By studying the camels' body shapes and behaviour, breeders observe them, look for the best-natured, fastest individuals with the most abundant milk production and breed them further. Descriptions of body shapes and descriptions of the nature of camels therefore form the second most detailed part of the book on camels, next to milk production. In the case of horses, instead of describing the body shapes, the description of the quality of the legs and hooves is given the most space within the book. Horses were bred for endurance and speed, thus their legs', and hooves' health and strength are extremely important.²⁹

²⁹ Ibn Qutayba ($Ma'\bar{a}n\bar{i}$, Chapter "*Kitāb al-faras*") provides a more extensive description of horses, detailing the beautiful shape of the head, posture, and all other characteristics of Arabian horses.

Thus, the fertility and abundant milk production of camels, as well as the speed and endurance of horses, are ensured by their nobility, the careful selection of their parents and lines of descent, or in other words, the knowledge of genealogy.

REFERENCES

A. Primary sources

- al-Anbārī, *Mufaddaliyyāt* = Abū Muhammad al-Qāsim b. Muhammad b. Baššār al-Anbārī, *Dīwān al-Mufaddaliyyāt, i<u>h</u>tārahā ar-rāwiya wa-l-ʿallāma wa-l-imām alfahhāma Abū l-ʿAbbās al-Mufaddal b. Muhammad ad-Dabbī*. Cairo: Maktabat a<u>t-</u> Taqāfa ad-Dīniyya, 2000.
- al-Aṣmaʿī, *Ḥayl* = Abū Saʿīd ʿAbd al-Mālik b. Qurayb al-Aṣmaʿī, *Kitāb al-ḥayl*. Edited by Ḥātim Ṣāliḥ ad-Đāmin. Damascus: Dār al-Bašāʾir, 2005.
- al-Așma'ī, *Ibil* = Abū Sa'īd 'Abd al-Mālik b. Qurayb al-Așma'ī, *Kitāb al-ibil*. Edited by Hātim Şālih ad-Dāmin. Damascus: Dār al-Bašā'ir, 2003.
- ad-Damīrī, *Hayāt* = Kamāl ad-Dīn Muḥammad b. Mūsā ad-Damīrī, *Hayāt alḥayawān al-kubrā*. Damascus: Maktabat Muḥammad Husayn an-Nūrī, 1978.
- Ibn al-A'rābī, *Asmā'* = Abū 'Abdallāh Muḥammad b. Ziyād al-A'rābī. *Kitāb asmā' hayl al-'arab wa-fursānihā*. Cairo: Maktabat an-Nahḍa al-Miṣriyya, 1984.
- Ibn al-Kalbī, *Ansāb* = Hišām b. Muḥammad b. as-Sā'ib al-Kalbī, *Ansāb al-ḥayl fī lğāhiliyya wa-l-islām wa-aḥbāruhā*. Edited by Aḥmad Zakī. Cairo: Dār al-Kutub wa-l-Waṯā'iq al-Qawmiyya. 1946, 1965.
- Ibn Qutayba, Maʿānī = Abū Muḥammad ʿAbdallāh b. Muslim b. Qutayba ad-Dīnawarī, Kitāb al-maʿānī al-kabīr fī abyāt al-maʿānī. Edited by F. Krenkow. 3 vols. Beirut: Dār an-Nahḍa al-Ḥadīṯa, 1953.
- Ibn Sīda, *Muhassas* = Abū l-Hasan 'Alī Ibn Sīda, *al-Muhassas fī l-luģa*, 6 vols. Beirut: al-Maktab al-Tiğārī, n.d.
- B. Secondary Sources
- 'Alī, Ğawād. 1980. *al-Mufaşşal fī tārīḥ al-ʿarab qabla l-islām*. 10 vols. Baghdad: Dār al-ʿIlm li-l-Malāyīn.
- Baalbaki, Ramzi, 2014. The Arabic Lexicographical Tradition From the 2nd/8th to the 12th/18th Century. Leiden & Boston: Brill.
- Bodó, Imre and Walter Hecker, 1998. *Lótenyésztők kézikönyve* [Handbook for horse breeders]. Budapest: Mezőgazda Kiadó

Editor of *EI*². 1971. "Hū<u>sh</u>". *EI*² III, 637.

Fábri, Zsófia Nóra, László Varga and Péter Nagy. 2014. "A tevetej termelése, általános jellemzői, összetétele és egészségre gyakorolt jótékony hatásai" [The camel milk: its production, general characteristics, composition, and beneficial health effects]. *Magyar Állatorvosok Lapja* 136.8.485–493.

- Hecker, Walter. 1994. *A Bábolnai Arab Ménes* [The Babolna Arabian Stud]. Budapest: Agroinform Kiadóház.
- Horváth, Zoltán. 2003. Lóbetegségek [Horse diseases]. Budapest: Mezőgazda Kiadó.
- Hussein, Mohamed Ali. 1988. "Traditional Practices of Camel Husbandry and Management in Somalia". Proceeding of the Third International Congress of Somali Studies, 539–540. http://hdl.handle.net/2307/1009 [Last accessed: 3 March 2024].
- Iqbal, Arshad and Bakht Baidar Khan. 2001. "Feeding Behaviour of Camel". *Pakistan Journal of Agricultural Research*, 38.3–4.58–63. *https://camed.cirad.fr/content/download/4257/31664/version/1/file/Iqbal+-+Klan+2001+Feeding+behaviour+of+camel+-+Review.pdf* [Last accessed: 3 March 2024].
- Kuria S. G. et al. 2016. "Acquisition and management of Somali camel breed for pastoral resilience within peri urban Isiolo and Marsabit counties of Northern Kenya, Livestock Research for Rural Development" *LRRD Newsletter* 28(9) Edited by University of Nairobi http://hdl.handle.net/11295/100590
- Kutasi, Zsuzsanna. 2012. A ló a középkori arab irodalomban [The Horse in Mediaeval Arabic Literature]. Budapest: ELTE Eötvös Kiadó.
- Lane, Edward William. 1872. Arabic English Lexicon Derived from the Best and the Most Copious Eastern Sources in Two Books. London/Edinburgh: Williams and Norgate.
- Musil, Alois. 1928. The Manners and Customs of the Rwala Bedouins. Edited by J. K. Wright (= Oriental Explorations and Studies, 6). New York: American Geographical Society.
- Pellat, Charles. 1971. "Ibil". El² III, 665–668.
- al-Qināwī, 'Abd al-'Azīm 'Alī. 1949. *al-Wasf fī š-šī'r al-'arabī*. Vol. 1. *al-Wasf fī l-'aṣr al-ǧāhilī*. Cairo: Maktabat wa-Maṭba'at Muṣṭafā al-Bābī al-Ḥalabī wa-Awlādihi.
- Saʿūd, 'Abd al-Munʿim 'Umāra. 2003. *al-Ibil: manǧam al-ġidā ' fī ṣ-ṣaḥrā '*. 3rd edition. Cairo: Dār al-Maʿārif.
- Sneddon, Jennifer C[olleen]. 1993. "Physiological effects of hypertonic dehydration on body fluids in arid-adapted mammals: How do the Arab based horse compared?" *Comparative Biochemical Physiology* 104A.2.201–213. DOI: 10. 1016/0300-9629(93)90304-M.
- Viré, François. 1965. "Faras". *El*² II, 784–787.
- Wilson, R[ichard] T[revor]. 1984. The Camel. London & New York: Longman.
- Yagil, R[euven]. 1985. *The Desert Camel: Comparative Physiological Adaptation*. Basel: Karger.
- Zāyid, 'Abdallāh, Ġassān Ġādirī and 'Āšūr Šaraḥya. 1991. *al-Ibil fī l-waṭan al-ʿarabī*. al-Bayḍā': Ğāmiʿat ʿUmar al-Mu<u>ht</u>ār.