# CAMEL RANGES SITUATION IN ARID REGION. WILAYA OF BISKRA- ALGERIA

Deghiche-Diab Nacima 1[[1]](#footnote-1), Deghiche Lahcen 2 Guelmami Anis 3, Deghnouche Kahramane2

1. Scientific and Technical Research Center on Arid Regions (CRSTRA), 07000 Biskra, Algeria-diab\_nassima@yahoo.fr, https://orcid.org/0000-0003-4544-2083
2. Department of Agronomic Sciences, Mohamed Khider University. BP 145 RP, Biskra, Algeria. [deghichel@yahoo.fr](mailto:deghichel@yahoo.fr), [dkahramen@yahoo.com.ph](mailto:dkahramen@yahoo.com.ph)
3. Project Manager and team coordinator, Tour du Valat. Le Sambuc, 13200 Arles (France)

Abstract (250-350 mots)

The study of the conduct of camel breeding, in Biskra region (2019), with 30 breeders surveyed, highlighted the importance of small breeders (25 heads, 46.67%). They are all most sedentary (66.68%) men aged 40 to 60 (75%), whose level of education does not exceed the primary level (37%). According to the local population of the study region, this breeding is practiced in the majority of cases (80%) for multiplication reasons of the species among themselves. Reproduction occurs naturally during the period of struggle, which extends from November to April. The breeding age for females is 4 years old while it is more than 5 years old for males. A predominance of breeding camels (66.90%) of the El Hamra breed (85%) is noted, this breed is the most sought after because of its famous skilfully Algerian Bernous and Kachabia. In summer, the animal primarily consumes available perennial plants such as *Stipagrostis pungens,**Anabasis articulata*,*Zizyphus lotus* and *Agathophora alopicuroides*. During winter, spring, and autumn, its diet mainly consists of certain herbaceous plants (achebs) that emerge following rainfall, including *Plantago lanceolata* and *Neurada procumbens*. Additionally, it may ingest other plants known to be toxic to camels, such as *Arnerium oleander*, *Thapsia garganica*, and *Artemesia campestris*. Dairy production and that of camel meat is weak in the economy of the wilaya, it is practiced only for self-consumption because of the free conduct of the herds and the weakness of spontaneous plants and the natural sources in water as well as the constraining climatic conditions of the current year.

**Keywords:** livestock management, survey, camel, breeder, herd, route, arid zone.

**Species Index**: Stipagrostis pungens,Anabasis articulata,Zizyphus lotus, Agathophora alopicuroides, Neurada procumbens, Plantago lanceolata, Arnerium oleander, Thapsia garganica, Artemesia campestris. (Donnez les noms scientifiques des espèces)

1. Corresponding author: diab\_nassima@yahoo.fr [↑](#footnote-ref-1)