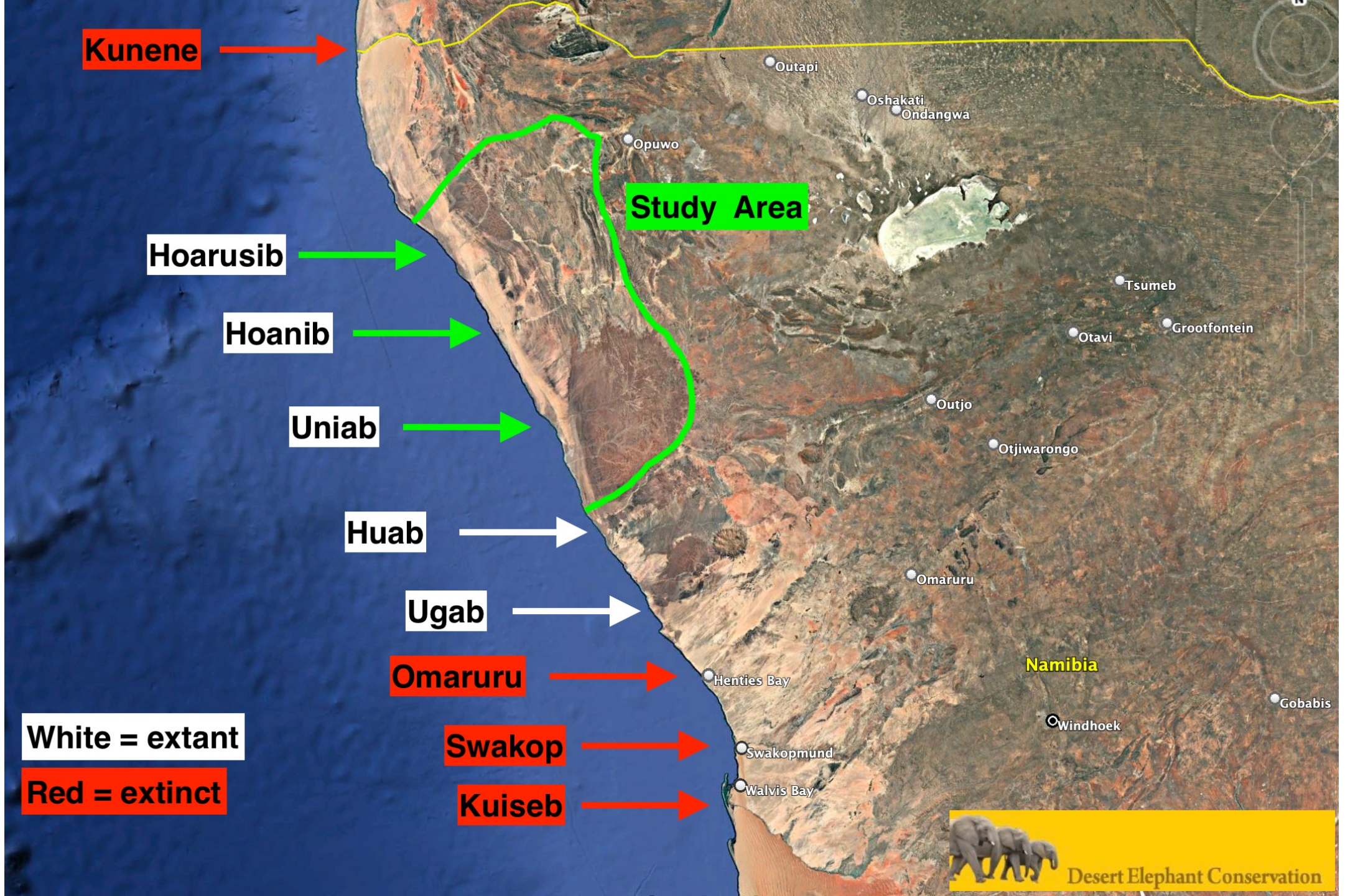
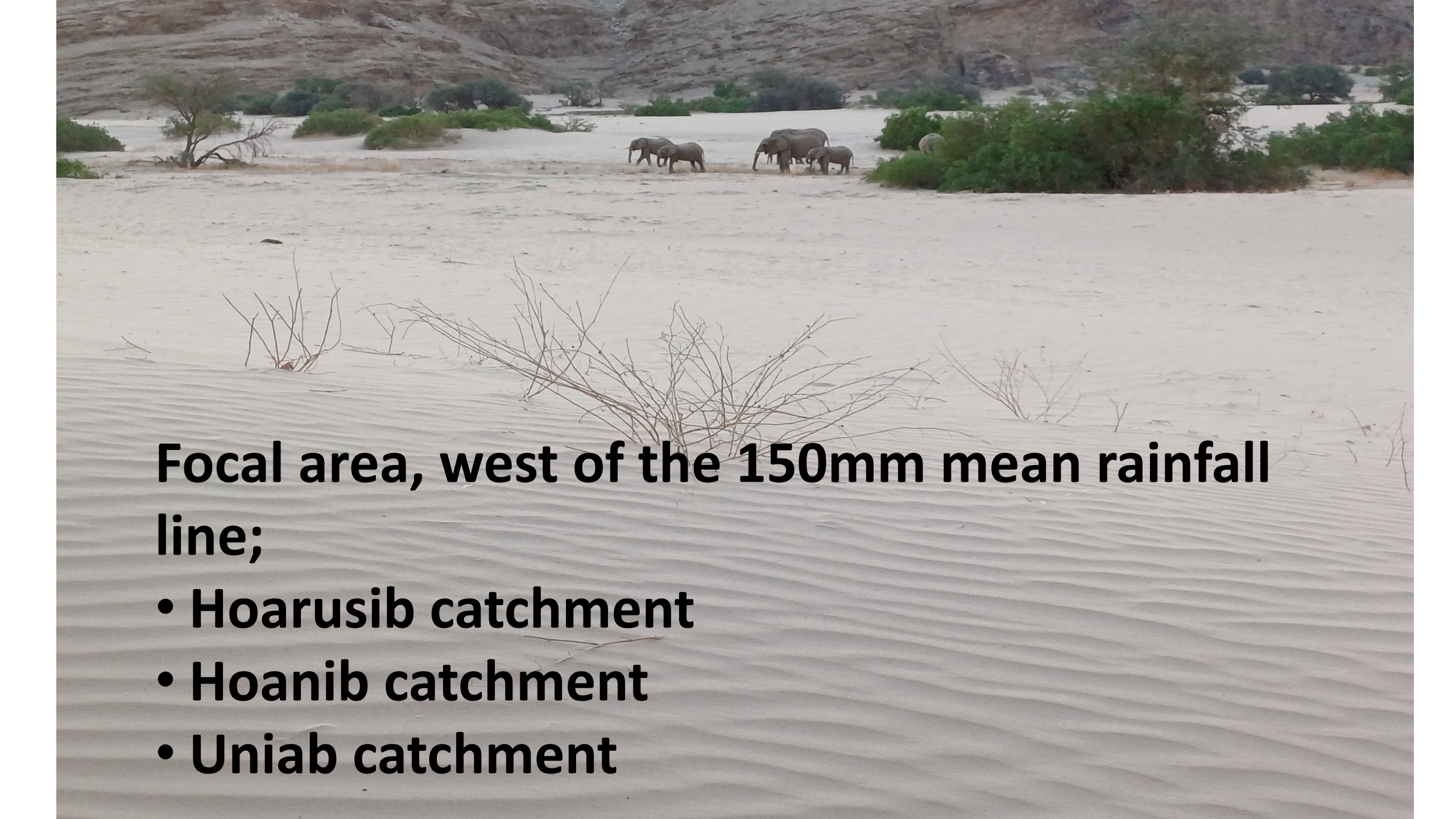




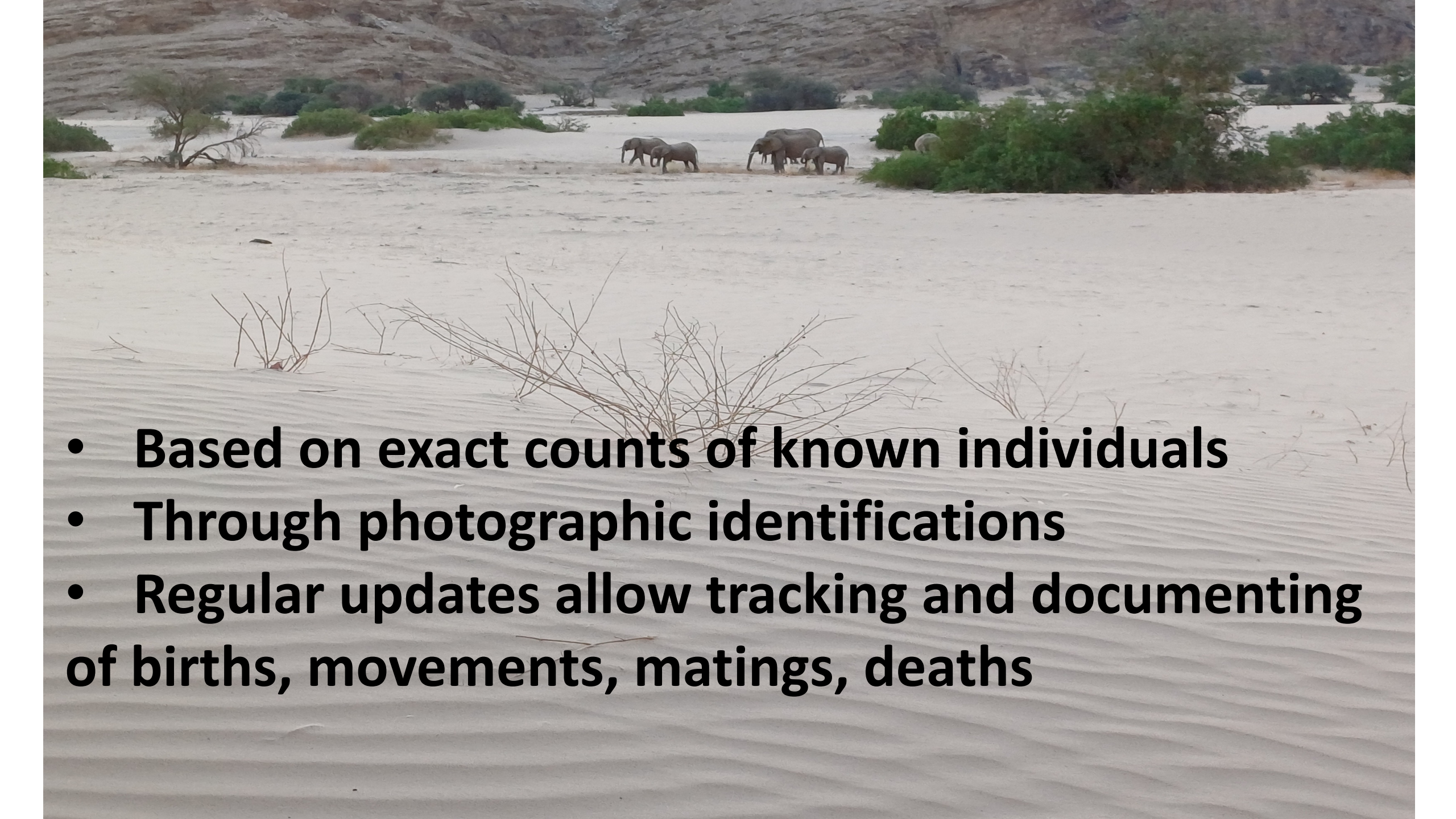
desertelephantconservation.org



A photograph of a desert landscape. In the foreground, there are sand dunes with some sparse, dry vegetation. In the middle ground, a herd of elephants is visible, standing on a flat, sandy area. The background shows a rocky, hilly landscape with some green shrubs. The text "Focal area, west of the 150mm mean rainfall line;" is overlaid on the image.

Focal area, west of the 150mm mean rainfall line;

- **Hoarusib catchment**
- **Hoanib catchment**
- **Uniab catchment**

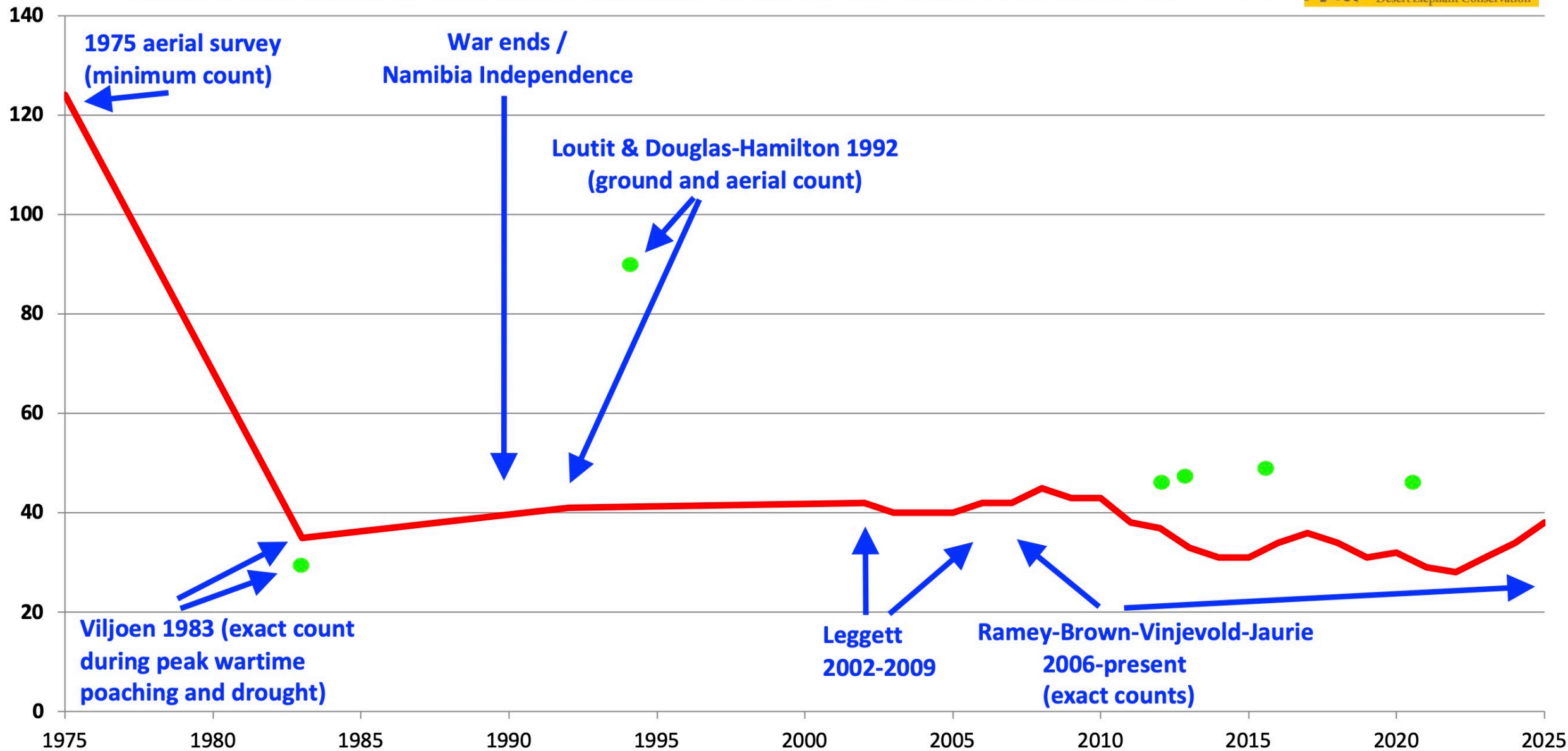
- 
- A photograph of a herd of elephants in a sandy, arid landscape. In the background, a herd of about six elephants is visible, including several adults and a few calves. They are standing on a flat, sandy plain. To the right of the elephants, there is a large, dense green bush. In the foreground, there are some dry, spindly plants growing out of the sand. The background shows a rocky, hilly area with some sparse vegetation. The overall scene is a natural, undisturbed habitat.
- **Based on exact counts of known individuals**
 - **Through photographic identifications**
 - **Regular updates allow tracking and documenting of births, movements, matings, deaths**

A photograph of a herd of elephants in a dry, sandy landscape. In the background, a steep, rocky hill rises. The middle ground shows a herd of elephants, including a small calf, standing in a shallow, sandy area. There are some green bushes and small trees scattered around. The foreground is a flat, sandy area with some dry, brown grass.

Long term research

- **1975 – 1983, Viljoen, systematic ground counts**
- **1992, Loutit & Douglas-Hamilton, one-time arial count**
- **2002 – 2009, Leggett, photo-IDs, Hoanib & Hoarusib**
- **2006 – present, Ramey-Brown-Vinjevold-Uararvi
Hoanib, Hoarusib & Uniab**

Number of Elephants in the Hoarusib and Hoanib Rivers: 1975 - 2025. Uniab River 1983 - 2021



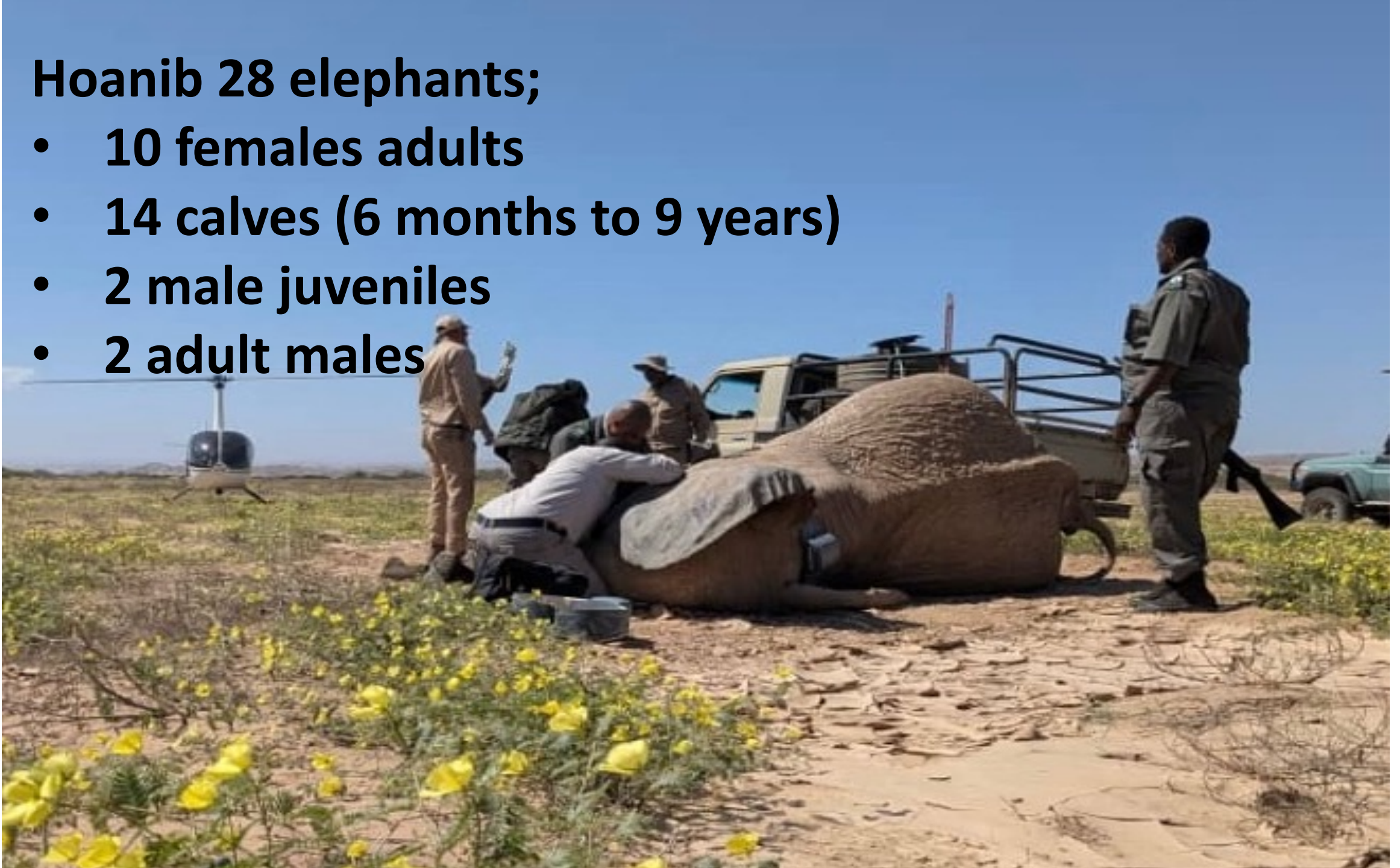
Hoarusib

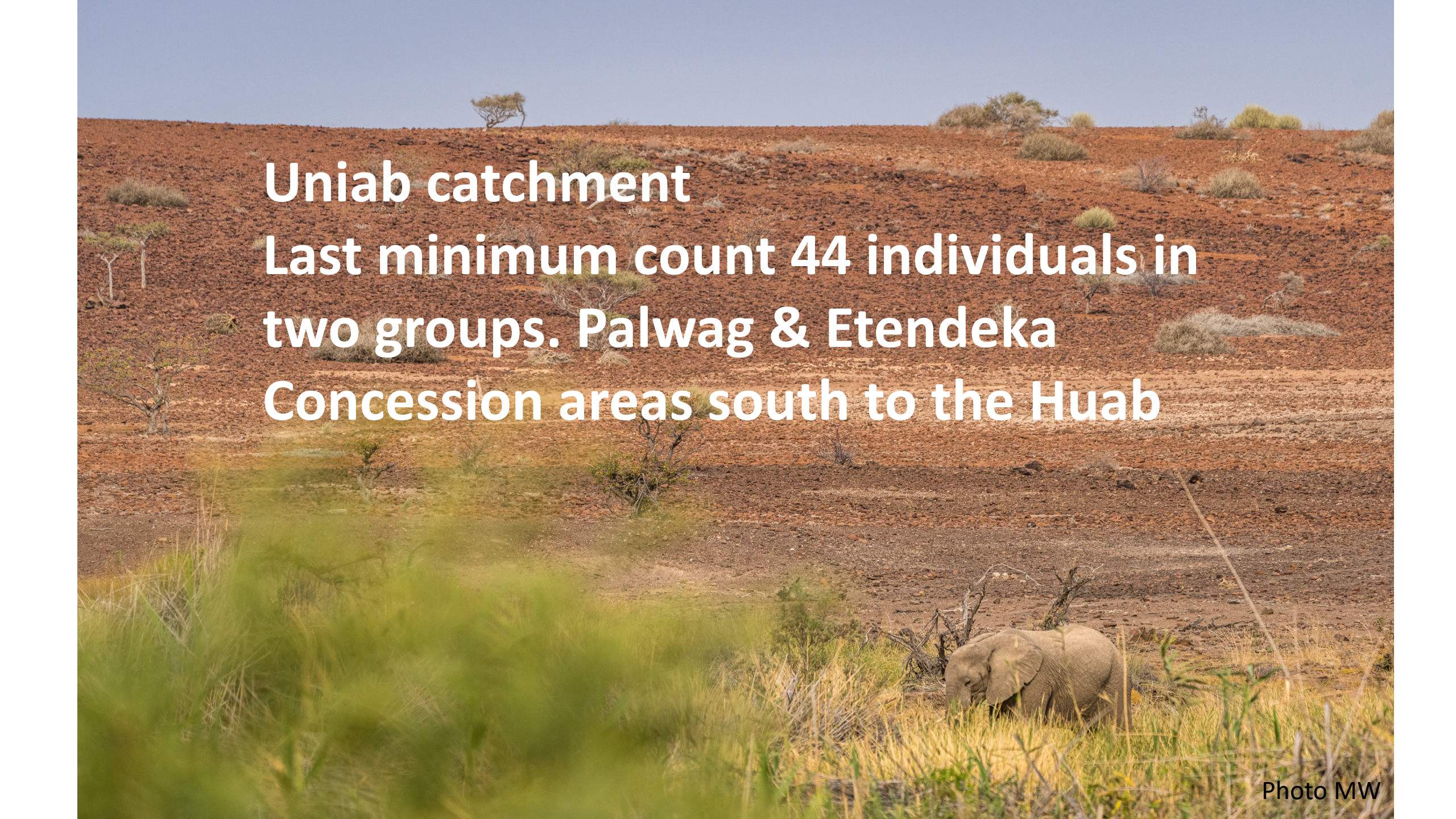
- Currently 10 individuals
- Upper Hoarusib, 3 adult females, 1 female juvenile, 1 calf, 1 male sub-adult, 2 adult males
- Lower Hoarusib, 2 adult males



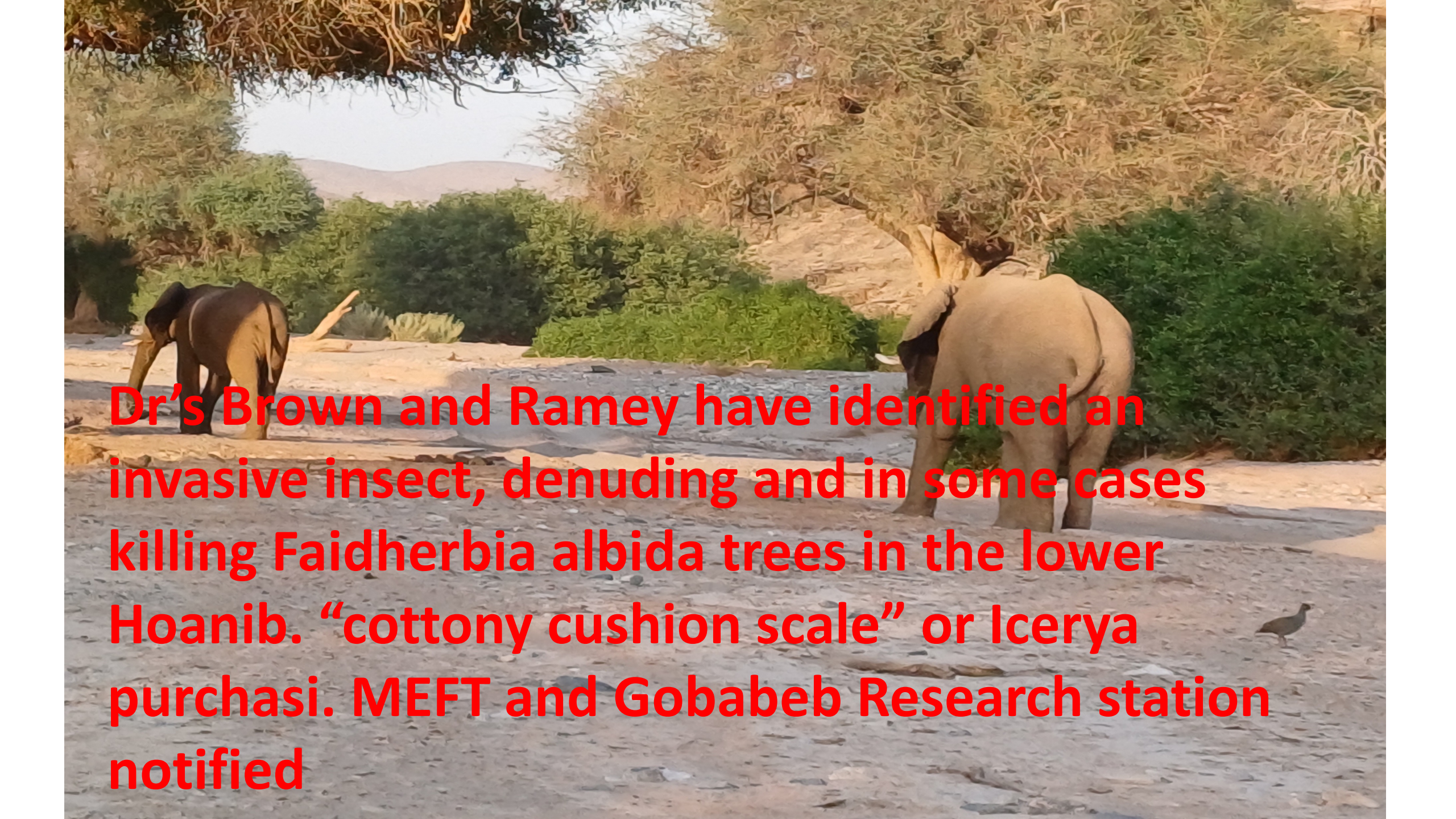
Hoanib 28 elephants;

- 10 females adults
- 14 calves (6 months to 9 years)
- 2 male juveniles
- 2 adult males



A photograph of a savanna landscape. In the foreground, a young elephant is partially visible, standing in a field of tall, green grass. The background consists of a reddish-brown, hilly terrain with sparse, dry vegetation and a few small trees under a clear blue sky.

Uniab catchment
Last minimum count 44 individuals in
two groups. Palwag & Etendeka
Concession areas south to the Huab

A photograph of two elephants in a dry, arid landscape. One elephant is on the left, facing away from the camera, and the other is on the right, also facing away. The ground is sandy and rocky. There are some green bushes and trees in the background, and a small bird is visible in the foreground on the right. The text is overlaid in red on the lower half of the image.

**Dr's Brown and Ramey have identified an
invasive insect, denuding and in some cases
killing *Faidherbia albida* trees in the lower
Hoanib. "cottony cushion scale" or *Icerya
purchasi*. MEFT and Gobabeb Research station
notified**

Positives

- No documented human-caused mortalities in this area since 2021
- Ten calves born in Hoanib 2023 -2024, 9 still alive
- April 2023 migration from Hoanib-Hoarusib And back. Institutional memory is there
- The idea or possibility of a translocating more elephants into the Hoarusib is gaining traction
- Injured elephant calf in the Hoanib treated by MEFT vet.
- Three bulls from Otjikondowarongo visited Hoanib



Thank you