



Research and Documentation Pictorials for 2020

Reporting period; Jan 2020 to Dec 2020

DL Research Pictorials

The photos below were taken by Ramson, IMPACT Research Coordinator while collecting data for the 'Mobilising Pastoralist Knowledge to Support the Desert Locust Outbreak Response in Northern Kenya' project in different parts of Northern Kenya. IMPACT and other research partners are authorised to use the photos. These photos belong or are IMPACT's property and any other person or partner should seek permission to use the pictures.



This picture was taken early January 2020 in Samburu East, In Sesia Community Land during the first arrival of the DL in Samburu County. This is one of the first swarms of the desert locusts' arrival in Samburu East Sub-County. They were a matured swarm swarming around in search of a favourable area for breeding.

*Figure SEQ Figure * ARABIC 1; mature swarm of the Desert Locusts Jan 2020;
Photo Credits; IMPACT*



This was a desert locust feeding on the green leaves of plants during the first invasion of the desert locusts in January 2020 around Kipsing in Oldonyiro Sub-County in Isiolo County.

Figure SEQ Figure * ARABIC 2; matured desert locust feeding on green plants; Photo credits; IMPACT



These plants are *Datura stramonium*. All the leaves have been cleared by the desert locusts during the first invasion by the desert locusts in January 2020. The plants have no benefits to the pastoral community and the community wished if the locusts could clear all *Datura* plants saying the plants are poisonous and kill their livestock. The sad story is, the desert locusts cleared all the plants around living the livestock without the pasture they used to have in the area.

Figure SEQ Figure * ARABIC 3; *Datura stramonium* plants eaten by Desert Locusts; Photo Credits; IMPACT

The cows behind the *Datura* plants have nothing to collect from the ground and have to cross the land without putting their heads down.



This old man is from the Samburu Community from Oldonyiro Sub-County of Isiolo County. He is narrating the story of the earlier desert locusts' invasion around 70 years ago. He explained the route taken by the locusts, the roosting and breeding places as well as the kind of responses used by the colonial government in place during the arrival.

Figure SEQ Figure * ARABIC 4; A Samburu elder sharing the history of the Desert Locusts; Photo Credits; IMPACT



These are the DL nymphs. This photo was from Lenkusaka village around Samburu East Sub-County. The nymphs are in the second or third stage of the desert locusts' development cycle. At this stage, they do not fly and are very destructive at this stage to all as they crawl across the landscapes unlike the matured locusts that fly from one place

Figure SEQ Figure * ARABIC 5; Nymphs crawling over the land at Lenkusaka; Photo Credits; IMPACT

to another and they much affect the roosting places.



Figure SEQ Figure * ARABIC 6; dead desert Locusts after spraying; Photo Credits; IMPACT

This photo of the dead locust was taken at a place known as Lempaute in Samburu East Sub-County in early February 2020. The dead locust were after a successful response by the desert locust response team where the. The area is filled with bad odour due to the decay of the dead desert locusts. After the rains, all the dead locusts were washed to Lempaute dam that was

used by the community for domestic water. The water had a bad smell forcing the community to stop taking the water travelling for long distances for drinking water.



*Figure SEQ Figure * ARABIC 7; affected vegetation at a roosting point by the desert locusts; Photo Credits; IMPACT*

Brown colour on top of the trees are the desert locusts and the affected area at Nkoteyia in Samburu West Sub-County. This is one of the sensitive areas where the response of the desert locusts is not supposed to take place being an important area but an aerial spray has just taken place before we arrived. The desert locusts' team says they do respond in

such areas using mild concentrated insecticides.