



Understand and Value Nature

From silent Spring to wild Summer?

Please see Sentinel Article link:

<https://www.sentinelnews.co.za/news/understand-and-value-nature-24546203>



ANSWERS

1. An animal with few or no predators of their own and which resides at the top of their food chain given their trophic level
2. A living system impacted by the presence or absence of an apex predator, influencing the dynamics of the whole ecosystem
3. The mass restoration of nature's ecosystems
4. Almost 200,000 (ants or termites) a day!
5. Defecate near the surface thus fertilising plant plankton in the photic zone; increase nutrients for plant plankton fertilisation (iron and nitrogen); increase amount of plant plankton; support increases in krill and fish populations; increase amount of dead plant plankton that can absorb carbon dioxide at ocean's floor; assist in composition process of plant plankton; create water columns moving water from depths to shallows giving plant plankton longer time to be fertilised.
6. Elephant, Lion, Rhino, Pangolin, African Wild Dog (Hunting Dog), Leopard, Cheetah, Hyena, Owls, Eagles, Birds of Prey, Gorilla, Crocodiles, Killer Whales
7. A species that has a greater impact than you'd expect for its biomass, in the ecosystem
8. Dig up the soil, mix the soil, aerate soil, improve nutrient quality of the soils, aid the decomposition cycle, provide a healthy soil base for lush vegetation to grow from, eat insects (ants and termites).
9. True (examples given land – pangolin and insects; riverine – algae and fish; marine – whales and krill)
10. Pangolin