

Gorilla among 200 endangered species threatened by conflict: conservationists

April 28 2021, by Nina Larson



A baby mountain gorilla, a subspecies of the Eastern gorilla, in the Sabyinyo Mountains of Rwanda

Civil unrest and military exercises pose heightened risks to more than 200 threatened species, including elephant populations and the critically-

endangered Eastern gorilla, conservationists warned Wednesday.

A report from the International Union for Conservation of Nature examined the close interplay between the environment and armed conflict, warning that human violence and unrest were taking a devastating toll on nature.

The report stressed that sustainable management of natural resources should be seen as a tool to help preserve peace.

"Degradation of nature increases the likelihood of conflict, while wars devastate not only lives, but also the natural environment," IUCN director general Bruno Oberle said in a statement.

The report found that armed conflicts were particularly prevalent in some of the world's more bio-diverse regions.

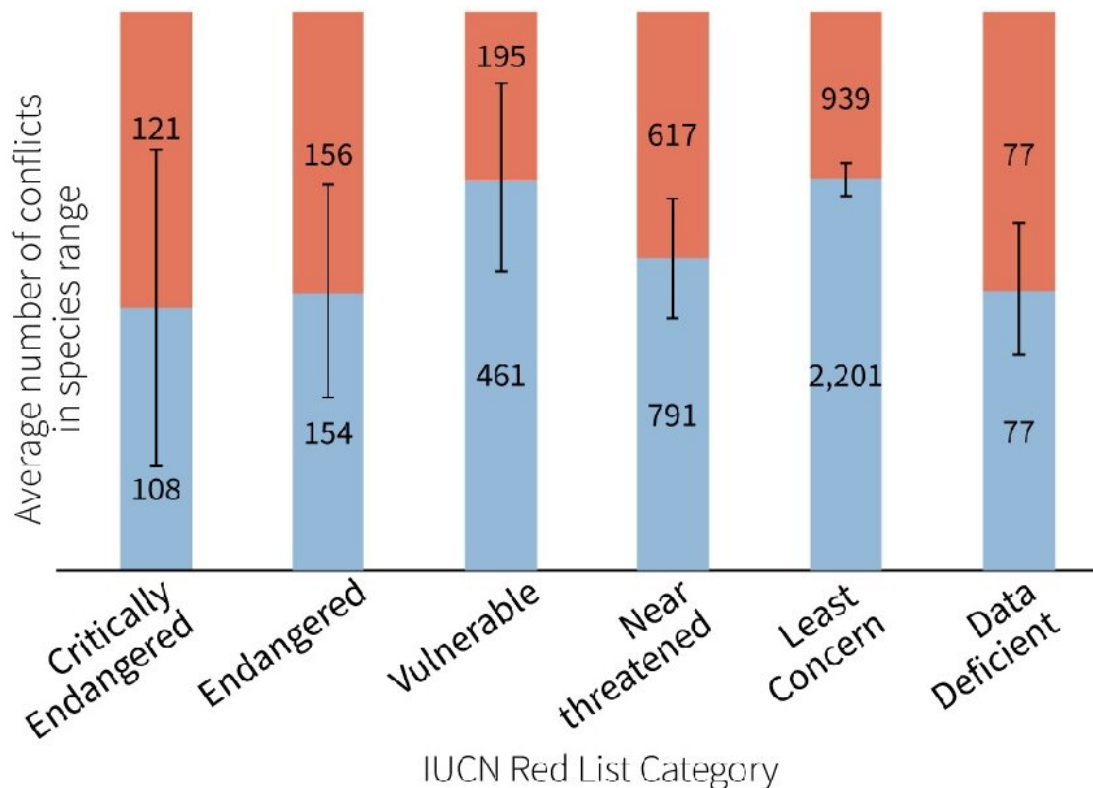
IUCN said 219 endangered species were facing threats from "war, civil unrest and military exercises", including the direct killing of wildlife, degradation of ecosystems and the disruption of conservation efforts.

While this is only a fraction of the more than 30,000 animal and plant species listed as threatened on IUCN's Red List, the report stressed it included "iconic species".

Species threatened by armed conflicts

Civil unrest and military exercises pose heightened risk to over 200 threatened species: IUCN

- Average expected number of conflicts* in a species range based on its **size** (larger range = likely more conflict)
- Simulation with margin of error
- Additional observed conflicts based on species' **geographic location**



*incidents where organised actors use armed force resulting in at least one death

Source: International Union for Conservation of Nature



Chart showing species by IUCN Red List Category and average expected number of threats from armed conflicts, based on IUCN data.

Among them is the critically-endangered Eastern gorilla, found in

conflict-prone Democratic Republic of Congo, Rwanda and Uganda.

One of the threats to the world's largest living primate, according to IUCN chief scientist Thomas Brooks, is "direct killing, sometimes for target practice, sometimes for food."

But the bigger threat conflicts posed to the species, he told AFP, was the "undermining of conservation efforts".

Greater conflict risk

The report pointed to the dramatic impact on a range of species from conflicts.

During the 1994 war in Rwanda for instance, 90 percent of the large mammals in the Akagara National Park were killed for food or trade, it said, with the genocide sending thousands of people fleeing through protected areas, killing animals for food and clearing trees along the way.

It also highlighted a report by the United Nations Office on Drugs and Crime indicating that militia from Sudan were responsible for the deaths of some 2,000 elephants in the Central African Republic in 2007 alone.



An Indian-born tusker (or bull elephant with large tusks) being escorted by security personnel as he walks on the outskirts of Colombo, Sri Lanka in September 2019. Elephants in Sri Lanka are listed as endangered

The report also said the Vietnam War "almost certainly accelerated the slide into extinction" of the Javan rhinoceros, as the Viet Cong shot them to supplement a meagre diet.

"There is no question that conflict does have increased species extinction risk," Brooks said.

At the same time, the report found that degradation of nature was associated with increased risk of conflict.

Looking at more than 85,000 armed conflict events over the past 30 years, which have been responsible for the deaths of more than two million people, the report determined they were more likely to erupt where there is less productive agricultural land available and when droughts are frequent.

"These findings suggest that conservation, restoration and sustainable management of natural resources can help reduce the pressures that drive conflict by improving the condition and productivity of the landscape," IUCN chief economist Juha Siikamaki said in the statement.

The report pointed to research showing that armed conflict events, defined as organised actors using armed force resulting in death, have increased significantly in recent decades.



A female and a baby Grauer's gorilla, a subspecies of the Eastern gorilla, climb down a tree in Kahuzi-Biega National Park in northeastern Democratic Republic of Congo

'Environmental war crimes'

Today, there are more than 7,000 such events each year, mainly in sub-Saharan Africa and in West and South Asia.

"As environmental degradation and climate change intensify, it is becoming increasingly important to factor in the links between conflict and nature when formulating security, development and environmental policy," Siikamaki said.

The report meanwhile found that conflicts were less frequent within the boundaries of natural reserves and other protected areas.

Such areas cover an estimated 15 percent of land, but overlap with only three percent of the armed conflict events analysed by the report.

"Conservation, sustainable and equitable management of nature plays an important role in preventing conflict and in rebuilding peace," said Kristen Walker, who chairs the IUCN commission on environmental, economic and social policy.

"It supports livelihoods and well-being of indigenous and local communities in times of peace and helps reduce the risk of conflicts breaking out," she added.

The report listed policy recommendations to mitigate and prevent armed

conflict, including establishing safeguards for staff in protected areas, environmental defenders and other conservationists.

It also called for "sanctions against those who commit environmental war crimes".

© 2021 AFP

Citation: Gorilla among 200 endangered species threatened by conflict: conservationists (2021, April 28) retrieved 28 April 2024 from <https://phys.org/news/2021-04-gorilla-endangered-species-threatened-conflict.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--