Whisper it, but, it’s getting a little difficult to find sympathy for giant pandas.

A 600 kilo, toothed and clawed, potentially psycho killing machine... that insists on only eating a particular type of wispy bamboo, is too fussy/lazy to mate, and can't even defend its feeding grounds from horses (which, after all, can be reduced to a state of frenzied flight-reaction panic by the sight of a flapping plastic bag).

And as for the emo eye-make-up....

Livestock, particularly horses, have been identified as a significant threat to panda survival. The reason: They're beating the pandas to the bamboo buffet. A paper by Michigan State University panda habitat experts published in this week's *Journal for Nature Conservation* explores an oft-hidden yet significant conflict in conservation.
“Across the world, people are struggling to survive in the same areas as endangered animals, and often trouble surfaces in areas we aren’t anticipating,” said Jianguo “Jack” Liu, Rachel Carson Chair in Sustainability at Michigan State University (MSU).

“Creating and maintaining successful conservation policy means constantly looking for breakdowns in the system. In this case, something as innocuous as a horse can be a big problem.”

Conservation programs

China invests billions to protect giant panda habitat and preserve the 1,600 remaining endangered wildlife icons living there. For years, timber harvesting has been the panda’s biggest threat. Pandas have specific habitat needs – they eat only bamboo and stay in areas with gentle slopes that are far from humans. Conservation programs that limit timber harvesting have chalked up wins in preserving such habitat.

Vanessa Hull, a doctoral student in MSU’s Center for Systems Integration and Sustainability (CSIS), has been living off and on for seven years in the Wolong Nature Reserve, most recently tracking pandas she’s equipped with GPS collars. She has been working to better understand how these elusive and isolated animals move about and use natural resources.

Over the years, she started noticing it wasn’t just pandas chowing on bamboo.

“It didn’t take particular panda expertise to know that something was amiss when we’d come upon horse-aected bamboo patches. They were in the middle of nowhere and it looked like someone had been in there with a lawn mower,” Hull said.

Alarmed by the growing devastation, she learned that some of Wolong’s farmers, who traditionally hadn’t kept horses, had been talking to friends outside of the reserve who had been cashing in by raising them. A horse there, Hull said, is kind of a bank account. Horses were barred from designated grazing areas because they competed with cattle, so farmers would let them graze unattended in the forests. When funds were needed, they would track the animals down and sell them.
It was an idea whose popularity skyrocketed. In 1998, only 25 horses lived in Wolong. By 2008, 350 horses lived there in 20 to 30 herds.

Pandas and horses eat about the same amount of bamboo

To understand the scope of the problem, Hull and her colleagues put the same type of GPS collars they were using to track pandas on one horse in each of the four herds they studied. Then over a year they compared their activity with that of three collared adult pandas in some of the same areas and combined it with habitat data.

They discovered that horses are indeed big on bamboo – and also are drawn to the same sunny, gently sloped spots as pandas. Pandas and horses eat about the same amount of bamboo, but a herd of more than 20 horses made for a feeding frenzy, decimating areas the reserve was established to protect.

This horse problem has been resolved. The researchers presented their findings to Wolong’s managers, who have since banned horses from the reserve. But Hull and Liu note that this work has shed light on how competitive livestock can be in sensitive habitat – an issue that is repeated across the globe.

“Livestock affect most of the world’s biodiversity hotspots,” Liu said. “They make up 20 percent of all of the earth’s land mammals and therefore monopolize key resources needed to maintain the earth’s fragile ecosystems.”

Source: Michigan State University
Image: Sue Nichols, Michigan State University Center for Systems Integration and Sustainability
Grainy nihilist post-industrial ain't what it was (Sonny Lanegan)

Primal Rhythms to Psychedelic Roots: African Head Charge, 100 Club

Old People are Dying, Pass me my Phone!

Plants Eat Carbon Dioxide – So Could More CO2 Fix Climate Change?

Tightly controlled musical chaos: Retrogore (Aborted)
Fields of the Nephilim Celebration of the Solstices

Mantra for Fulfilled Living: Battling distraction, addiction and domination

Is Risky Behaviour in the Head or the Heart? Research Suggests Both

Bottled Out of Eden (Knifeworld)

Ruin Lust : Tate Britain
Hanging Offence : Parallax Art Fair
Hanging Offence : Erarta Zurich
Chinese New Year Art Show
Hanging Offence : David Roberts Art Foundation
Hanging Offence : Hay Hill Gallery
Hanging Offence : Large Glass
Hanging Offence : Fiumano Fine Art
Hanging Offence : Arebyte Gallery
Hanging Offence : Vitrine, Bermondsey Street
Hanging Offence : Rebecca Hossack Gallery
Hanging Offence : Giulia Demichelis
Hanging Offence : Vitrine
Hanging Offence : Proud Galleries

Metal Music
nature news Noise painting
Photography
pointy heads politics prog psychology punk research rock science sex society songwriting stupid humans technology touring Travel uk

Inspired and updated daily we say “Play on, Macduff, and damned be him who first cries ‘Hold! enough!”

Stuffs

Entries RSS

Amazon Portal Link

Click here before you visit amazon to do your shopping.

It's doesn't affect your service but we get a little sumthing-sumthing