The issue of Octopus farming

One consequence of understanding the octopus mind should be the refusal to subject octopuses to mass production.

Jennifer Jacquet, Becca Franks and Peter Godfrey'Smith

Who am I?



They have a complex nervous system divided between the brain and the arms. Each arm can taste, touch and move independently.

> Capable of very complex behaviours, including avoiding pain or remembering areas were they have already hunted and are empty.

They have three hearts and their blood is blue because is based on copper.



They are "colour-blind" but they have good eyesight and don't have blind spots. They also use receptors in the suckers for touch and chemical detection. They are capable of interacting and modifying the environment.

They grow fast and the females die after reproducing.

8 reasons not to farm me

Inquisitive & Intelligent

Their remarkable intelligence would lack of sensory input in a the barren environment of intensive aquaculture

Solitary

High stocking densities means big crowds which can lead to aggressions and cannibalism

No protective legislation

There are no regulations on octopus welfare and farming practices which allows for an unregulated activity. Who is responsible?

Inhumane slaughter

There aren't scientifically proven methods. All methods reviewed for wild-caught cause suffering. Due to their nervous systems this a huge difficulty.

Unknown welfare needs

Is an attempt to farm a wild animal. We don't have enough knowledge to met their needs in captivity

Fragility

A fragile skin and a jet-propelled locomotion makes easy that they get injured and experience pain in aquaculture

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Diets based on fishmeal and fish oil will make the cost of producing octopus high and not stable. It will compete with other species already stablished.

Carnivorous

Against Sustainability strategy EU Strategic Aguaculture Guideline

Aquaculture Guidelines encourage reduction of fishmeal and fish oil from wild-caught fish and to diversify into species that do not need it. Octopus diet would increase pressure on fisheries and contribute to food insecurity.

High Mortality 1 in 5 would die

Unsustainable 3 kg of feed to gain 1 kg

The reality of economic development





For more information on the issue of farming octopus refer to: <u>Octopus factory farming: a recipe for disaster</u>

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