

A photograph of an elephant in a lush green field. A white egret is perched on the elephant's back. The elephant is facing left, and the egret is facing right. The text 'Symbiotic Relationships' is overlaid in white serif font across the middle of the image.

# Symbiotic Relationships

By Kashmir

# What is Symbiosis?

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Symbiosis relationship gives two species an opportunity to live longer and healthier together.



# Symbiosis: Animals Live longer Lives

# No Symbiosis: Animals Live Shorter Lives



Crab and urchin



Tickbirds and rhinos



Crocodile and Egyptian plover



Egyptian plover



crocodile



Clownfish and anemone



Macaques and deer



Warthog and meerkat



Lion and monkey



shark



Goby and shrimp



Remora and shark



lion

The symbiotic relationship between the clownfish and the anemone is where the clownfish is given a anemone shelter and the anemone is given food



Clownfish and anemone



The crab and the urchin help each other the crab gives the urchin food and the urchin gives the crab protection



Crab And urchin

The rhino grazes on the African savanna and shelters in dense thickets of thorny brush. Ticks lurk in both spots, waiting to fling themselves onto a host. Because the rhino can survive without the tickbird, a rhino is a facultative partner in this mutualistic relationship.



Symbiosis animals

Tickbirds and rhi-i-i-inos  
We're always a pair  
Together we  
go-o-o-o-o  
everywhere He's  
always guiding me  
along Cleaning all the  
pesky bugs right off of  
my back Tickbirds  
and rhi-i-i-inos We're  
always a pair  
Tickbirds and  
rhi-i-i-inos We're  
always a pair  
Together we  
go-o-o-o-o  
everywhere Taking'  
me for a ride While I  
eat all those bugs  
right off his back  
Tickbirds and  
rhi-i-i-inos We're  
always a pair

The warthog-meerkat encounter is a rare example of mammals exhibiting a symbiotic relationship called mutualism, where two animal species form a partnership with benefits for both groups. The warthogs get a cleaning and the mongooses get a meal.



Warthog and meerkat

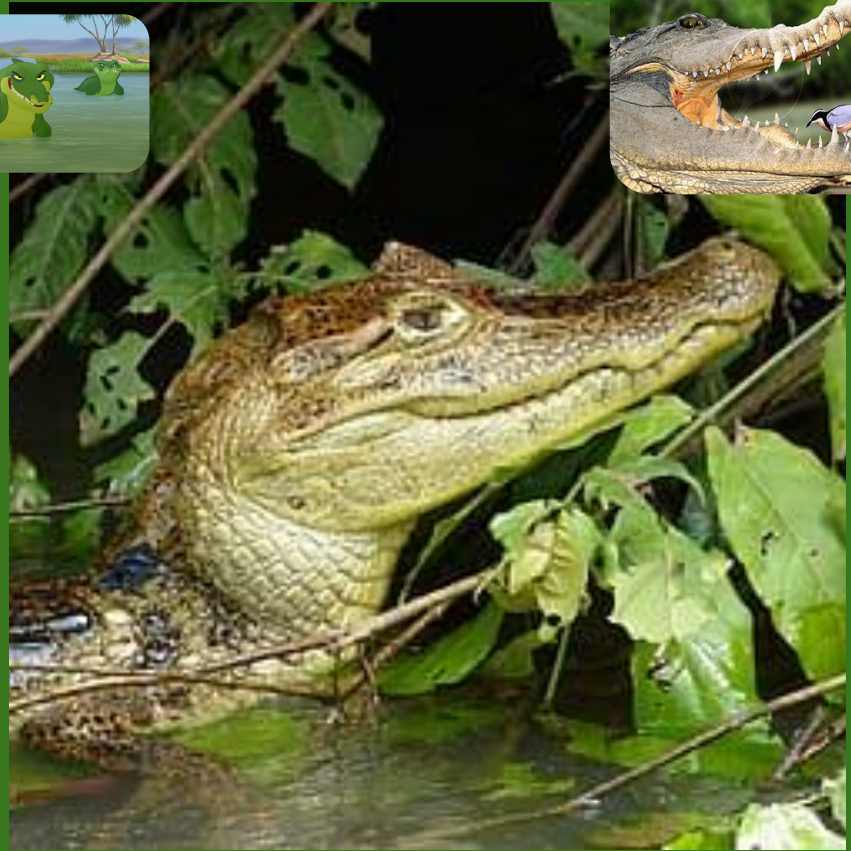
The macaques and the deer have a symbiotic relationship in which the deer eat fruit the monkeys drop and also allow the monkeys to groom them, so a monkey jumping on a deer's back is not as freaky as it looks.



Macaques and deer



Egyptian plovers and crocodiles have a unique symbiotic relationship. Because crocodiles cannot use dental floss, they get food stuck in their teeth. The bird recognizes this invitation, and if one is nearby it will fly into the mouth of the crocodile, eat the food stuck in its teeth, and fly away.



Crocodile and Egyptian plover

*The lion and the monkey friendship will work well together in business but not romance. They will not have trouble keeping their true natures. However, they might have problems forming a bond. In a lion and the monkey marriage if they can compromise, they can have a successful relationship.*



Lion and monkey



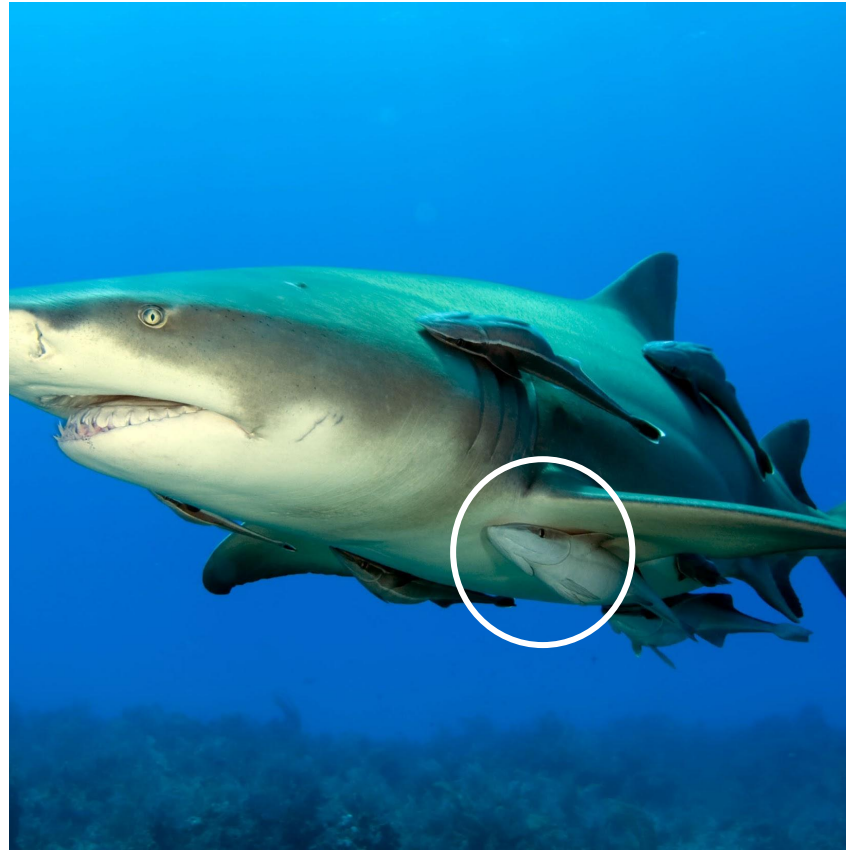
In the goby and pistol shrimp symbiosis, This relationship is not parasitic and not commensal—it is mutual. The shrimp builds and maintains a burrow that both animals live in, and the fish offers the shrimp protection from predators and is the eyesight.



Goby and shrimp



In the relationship between the remora and the shark the remora gets a ride and a meal eating microtags and leftovers and the shark gets clean



Remora and shark

**Pick a Symbiotic relationship  
and learn about it with a partner  
then act it out.**

**???**

# Example

A lion give protection to a monkey  
and the monkey eats the bugs off  
the lion.

a.k.a symbiosis, symbiotic relationship, both animal benefit from living  
with each other.



# Comments



Name	number	comment