

SYMBIOTIC RELATIONSHIPS

Organisms	Relationship	Explanation of Relationship
1. DEER / TICK	parasitism	ticks feed on deer blood to the deer's detriment – nutrient loss, disease transfer
2. SILVERFISH / ARMY ANTS	commensalism	silverfish live and hunt with army ants - they share the prey, but they neither help nor harm the ants
3. CUCKOO / WARBLER	parasitism	a cuckoo may lay its eggs in a warbler's nest - the cuckoo's young will displace the warbler's young and will be raised by the warbler
4. OSTRICH / GAZELLE	mutualism	ostriches and gazelles feed next to each other and both watch for predators and alert each other to danger. since the visual abilities of the two species are different, they each can identify threats the other animal would not as readily see and both species benefit
5. HERMIT CRAB / SNAIL SHELL	commensalism	hermit crabs live in shells made and then abandoned by snails which neither harms nor benefits the snails
6. WRASSE FISH / BLACK SEA BASS	mutualism	wrasse fish feed on the parasites found on the black sea bass's body - both species benefit

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7. BEE / MARABOU STORK	commensalism	the stork uses its saw-like bill to cut up the dead animals it eats and as a result, the dead animal carcass is accessible to some bees for food and egg laying
8. OXPECKER / RHINOCEROS	mutualism	oxpeckers feed on the ticks found on a rhinoceros - both species benefit
9. COWBIRD / BUFFALO	commensalism	as buffalos walk through grass, insects become active and are seen and eaten by cowbirds which neither harms nor benefits the buffalo.
10. MISTLETOE / SPRUCE TREE	parasitism	mistletoe extracts water and nutrients from the spruce tree to the tree's detriment
11. HONEY GUIDE BIRD / BADGER	mutualism	honey guide birds alert and direct badgers to bee hives and then badgers expose the hives and feed on the honey - then the honey guide birds eat - both species benefit
12. BARNACLE / WHALE	commensalism	barnacles create home sites by attaching themselves to whales which neither harms nor benefits the whales