



4K

REASONS TO LOVE

3 x 52 min.

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4K, 5.1 and Stereo

Executive producers: **Sabine Holzer, Walter Köhler**



TERRA MATER
Factual Studios

Sometimes it might not be easy to love nature—when it comes in the form of something hairy—eight-legged—unexpectedly scurrying across your bedroom floor ...
But there are ALWAYS reasons to love nature's amazing creatures. You only have to look a little closer! This new format will change your whole life. Watch it and soon you won't fear, but long to find a spider sitting in the corner of your bathroom!

Elegant cats, funny meerkats, the handsome red panda—why do we love these animals? Because they are furry—endearing—pleasant to look at? It's time to embrace the 'others'!
'REASONS TO LOVE' will introduce the strange creatures you rarely see in wildlife programs. Broaden your minds, be entertained and amazed, you'll soon understand why there are many 'REASONS TO LOVE'!

ADAPTABLE FORMAT:

- returnable 25 min long series, 3 x 52 limited mini-series, 52 min special,
- hostless or hosted
- strong brand recognition e.g. consistent style elements, graphic design, animation
- Each episode will present an individual animal group (some pretty amazing types of plants may be in there, too)

REASONS TO LOVE AN OCTOPUS

Presenting the magnificent octopus! Octopuses are soft-bodied, eight-limbed mollusks of the order Octopoda. The order is grouped within the class Cephalopods with squids, cuttlefish and nautiloids. Even without your regular skeleton, these guys are full of surprises. Be prepared to get to know many reasons to love these lovely, eight-armed wonders of the underwater world!

MASTERS OF DISGUISE—

now you see them, now you don't!
Octopuses really have an eye for form and colour management—even though a lot of octopus species are colourblind! We take a look at different scientific theories behind the magic of their disguises—how and why they use them in the first place. Some, like the venomous blue-ringed octopus, use their colour-changes to stand out, rather than to vanish into the background like others.

ESCAPE ARTISTS—Can you see the octopus in the aquarium? No? Well, guess why ...

Octopuses are real escape artists. Experiments show octopuses can identify and correctly estimate escape routes that are just the right size to squeeze through for a quick getaway. When an octopus decides to leave town, there's no messing around. We'll tell some of the most amazing octopus escape escapades and reveal the marvelous physiology behind their talents.

DEDICATED MOTHERS!—Till death do us part.
Life is short for some: the beginning of life is the beginning of the end for the female octopus. After her eggs hatch, she will die, making way

for the next generation. She leaves her offspring to navigate the wild waters alone. But she has given them the best start in life: they will be guided by their miraculous octopus intelligence and marvelous adaptability. Scientists are still wondering why an octopus mother's life must end as it does—is it to protect the brood if the mother is eaten by other octopuses?

STRONG AND CLEVER—

Brain, brains, brains. Or is it arms, arms, arms?
Octopuses have the highest brain-to-body mass ratio of all invertebrates—no wonder they like a good challenge! Just like the rest of their bodies, an octopus' eight arms don't have bones to hold their shape. Circular, adhesive suckers cover the arms; they can use them to wrap their supple octopus bodies around objects, and even manipulate them. Their arms are so important that a lost tentacle will grow back—as good as new!

REASONS TO LOVE A SPIDER

Nasty, disgusting, simply awful? NOT AT ALL! We proudly present some highly convincing reasons for each of those beautiful long, yes, sexy, legs (and eyes). And why you definitely have to love a spider!

THEY ARE CUDDLY!

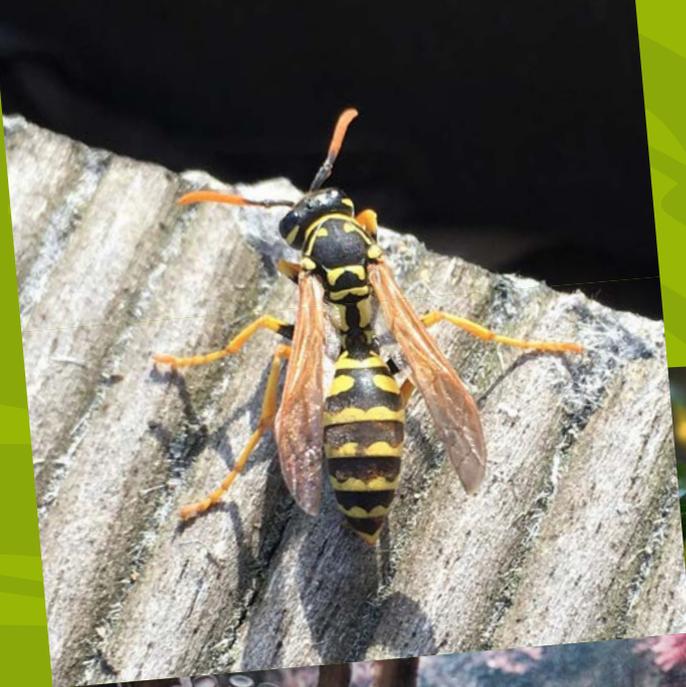
Have you ever noticed how sweet and fluffy a bird spider is? Take the Avicularia—the tarantula most commonly kept as a pet. Its real home is in the South American forests, requiring extreme agility—how else to jump from twig to twig to reach a bird's nest? And during those dare devil flying escapades, long, soft hair keeps the spider's body stable and balanced.

A SILK PRODUCER!

Spider silk remains the most innovative fibre on our planet, with tensile strength comparable to that of steel. For decades scientists have tried to manufacture artificial spider silk. But to date, no spider-silk weaving machine is near as effective or sustainable as the original.

IT HAS HUGE BAMBI EYES!

Be jealous: spiders have primarily four pairs of beautiful dark, glossy eyes. Some jumping spiders see ten times better than dragonflies (and that's saying a lot because dragonflies have the best vision of all insect species). You may think a giant-eyed Bambi is the most irresistible and cutest of animals, but a jumping spider is 8 times cuter!



IT PROTECTS YOU!

What's the best thing to do while sitting on the beach with a cocktail while looking out onto a beautiful sunset? Invite a spider to join you. At sunset the bloodsucking biters come out. Befriend a spider and you won't end up a victim! Without the help of spiders, there would be bothersome, even dangerous, insects everywhere.

It's time to look at them with a bit more of respect. Let spiders be part of your life, welcome them into your home. Before long, you'll be talking with them, complimenting their miraculous silk, those beautiful multiple, doe-eyes and marvelous iridescent colours.

REASONS TO LOVE A WASP

They are the late summer intruders, troublemakers, sipping beer and swimming through cake frosting at your BBQ. They can be a real pain the neck. But wait a minute, give them a chance! By the time you see/hear these compelling reasons to love a wasp you'll be inviting them in for tea ... or a beer. They really do have some wonderful stories to tell.

IT HAS A SUPER SLENDER WAIST!

Marylin Monroe and Cher had their lower ribs removed to achieve one. But this insect is born with it—the wasp waist! The super-slim waist is a characteristic of wasps. And, there are degrees of slim. Although all wasp species would strike envy into the heart of any human wasp-waist lover *Ammophila* has the tiniest circumference of them all. The wasp-waist

is a fabulous piece of evolution that gives the insect super agile attributes for hunting. Vanity doesn't enter into it!

IT'S SOCIAL!

Many wasp species—even the BBQ wreckers—are social. In spring, the queen and her minions start building her palace. It's a home for just one summer where she and her colony will live. Most of the colony is made up of female workers. As well as building the nest, they're responsible for gathering food (shared equally) and care of the queen's offspring.

THEY ARE PEST KILLERS!

You think wasps are pests? No, they are pest control experts and a gardener's best friend! Most wasps feed insects to their larvae. Scientists discovered that social wasps in the UK capture and consume about 14 million kilograms of insects every summer.

THEY'RE WORLD-FAMOUS ARCHITECTS!

If making papier mâché is your forte, take a few tips from the wasp. The paper wasp nibbles fibres from dead wood and plant stems then mixes them with saliva to create water-resistant, highly eco-friendly palaces for their colonies. Throughout summer while the paper nest is growing the wasps are constructing the inner chambers. Just like any home, the nest architecture is designed to suit the location. This means every palace is unique and the perfect family home for just one season.



NATURE