

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 001 · A Tail to Tuck Into

Research ID 002 · Mammals

S002-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Red panda Smithsonian's National Zoo and Conservation Biology Institute. <https://nationalzoo.si.edu/animals/red-panda>

S002-2 · San Diego Zoo Wildlife Alliance (n.d.) Red Panda San Diego Zoo Wildlife Alliance. <https://animals.sandiegozoo.org/animals/red-panda>

Fact 002 · Keep the Dirt Out

Research ID 001 · Mammals

B001-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Naked mole-rat. <https://nationalzoo.si.edu/animals/naked-mole-rat>

Fact 003 · Why Does It Smell Like Popcorn?

Research ID 003 · Mammals

B003-1 · Smith, Robin A (2016-04-13) Why Bearcats Smell Like Buttered Popcorn. <https://today.duke.edu/2016/04/popcornscentedbinturong> DOI: 10.1007/s00114-016-1361-4

Fact 004 · A Mammal That Hatches

Research ID 004 · Mammals

B004-1 · San Diego Zoo Wildlife Alliance (n.d.) Platypus. <https://animals.sandiegozoo.org/animals/platypus>

Fact 005 · The Backward Pouch

Research ID 006 · Mammals

B006-1 · San Diego Zoo Wildlife Alliance (n.d.) Wombat. <https://animals.sandiegozoo.org/animals/wombat>

Fact 006 · No Teeth Needed

Research ID 005 · Mammals

B005-1 · San Diego Zoo Wildlife Alliance (n.d.) Echidna. <https://animals.sandiegozoo.org/animals/echidna>

Fact 007 · A Green Coat of Fur

Research ID 007 · Mammals

S007-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Two-toed sloth Smithsonian's National Zoo and Conservation Biology Institute. <https://nationalzoo.si.edu/animals/two-toed-sloth>

S007-2 · Maya Kaup; Sam Trull; Erik F. Y. Hom (2021-07-26 online; 2021-12 issue) On the move: sloths and their epibionts as model mobile ecosystems Biological Reviews; Wiley / Cambridge Philosophical Society. <https://pmc.ncbi.nlm.nih.gov/articles/PMC9290738/> DOI: 10.1111/brv.12773

Fact 008 · Four Babies, One Beginning

Research ID 008 · Mammals

S008-1 · American Museum of Natural History (n.d.) Nine-Banded Armadillo American Museum of Natural History. <https://www.amnh.org/exhibitions/permanent/north-american-mammals/nine-banded-armadillo>

S008-2 · National Wildlife Federation (n.d.) Nine-Banded Armadillo National Wildlife Federation. <https://www.nwf.org/Educational-Resources/Wildlife-Guide/Mammals/Nine-Banded-Armadillo>

S008-3 · Mammal Diversity Database (n.d.) Dasypus mexicanus • Mexican Long-nosed Armadillo American Society of Mammalogists. <https://www.mammaldiversity.org/taxon/1006877/>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 009 · Not Blind After All

Research ID 009 · Mammals

S009-1 · Alyson Brokaw (2024-06-14) Blind as a Bat? No Such Thing Bat Conservation International.
<https://www.batcon.org/blind-as-a-bat-no-such-thing/>

Fact 010 · Stripes with a Surprise

Research ID 103 · Mammals

B103-1 · San Diego Zoo Wildlife Alliance (n.d.) Okapi. <https://animals.sandiegozoo.org/animals/okapi>

Fact 011 · Fat in the Hump

Research ID 010 · Mammals

B010-1 · San Diego Zoo Wildlife Alliance (n.d.) Camel. <https://animals.sandiegozoo.org/animals/camel>

Fact 012 · A Tooth Conveyor Belt

Research ID 101 · Mammals

B101-1 · San Diego Zoo Wildlife Alliance (n.d.) Manatee. <https://animals.sandiegozoo.org/animals/manatee>

Fact 013 · Down the Trunk, Headfirst

Research ID 102 · Mammals

B102-1 · San Diego Zoo Wildlife Alliance (n.d.) Fossa. <https://animals.sandiegozoo.org/animals/fossa>

Fact 014 · Feet That Grip the Rocks

Research ID 104 · Mammals

B104-1 · San Diego Zoo Wildlife Alliance (n.d.) Rock Hyrax. <https://animals.sandiegozoo.org/animals/rock-hyrax>

Fact 015 · A Horn with a Replaceable Cover

Research ID 105 · Mammals

B105-1 · San Diego Zoo Wildlife Alliance (n.d.) Pronghorn. <https://animals.sandiegozoo.org/animals/pronghorn>

B105-2 · National Park Service (updated 2020-11-10) Pronghorn: Racers on the Great Plains.
<https://www.nps.gov/articles/000/pronghorn.htm>

Fact 016 · The First Climb of a Joey's Life

Research ID 106 · Mammals

B106-1 · Wray, E (2020-05-01) New at the Zoo: Wallaby Joey.
<https://nationalzoo.si.edu/animals/news/new-zoo-wallaby-joe>

B106-2 · Department of Natural Resources and Environment Tasmania (2018-11-05) Bennetts Wallaby. <https://nre.tas.gov.au/wildlife-management/fauna-of-tasmania/mammals/possums-kangaroos-and-wombats/macropods/bennetts-wallaby>

Fact 017 · A Little Trunk for Lunch

Research ID 107 · Mammals

B107-1 · San Diego Zoo Wildlife Alliance (n.d.) Tapir. <https://animals.sandiegozoo.org/animals/tapir>

Fact 018 · A Porcupine's Raised Shield

Research ID 108 · Mammals

B108-1 · San Diego Zoo Wildlife Alliance (n.d.) Porcupine. <https://animals.sandiegozoo.org/animals/porcupine>

Fact 019 · A Suit of Armor That Closes

Research ID 110 · Mammals

B110-1 · San Diego Zoo Wildlife Alliance (n.d.) Armadillo. <https://animals.sandiegozoo.org/animals/armadillo>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 020 · A Marsupial without a Pouch

Research ID 109 · Mammals

B109-1 · Australian Wildlife Conservancy (n.d.) Numbat. <https://www.australianwildlife.org/en-us/animals/numbat>

Fact 021 · Knock, Listen, Scoop

Research ID 201 · Mammals

B201-1 · Duke Lemur Center (n.d.) Aye-aye. <https://lemur.duke.edu/discover/meet-the-lemurs/aye-aye/>

Fact 022 · Fingernail Armor

Research ID 202 · Mammals

B202-1 · Zoological Society of London (n.d.) Pangolins. <https://www.zsl.org/what-we-do/species/pangolins>

Fact 023 · An Ice-Climbing Tool

Research ID 204 · Mammals

B204-1 · National Park Service, Bering Land Bridge National Preserve (n.d.) Arctic Animal Discovery — HTML Screen Reader Page. <https://www.nps.gov/features/bela/arcticAnimalDiscovery/Simple/index.html>

Fact 024 · Paddles on Its Feet

Research ID 203 · Mammals

B203-1 · San Diego Zoo Wildlife Alliance (n.d.) Happy capybaras!.
<https://sdzwildlifeexplorers.org/stories/happy-capybaras>

Fact 025 · Antlers for the Girls

Research ID 205 · Mammals

B205-1 · San Diego Zoo Wildlife Alliance (n.d.) Reindeer (Caribou).
<https://animals.sandiegozoo.org/animals/reindeer-caribou>

B205-2 · National Park Service (n.d.) Arctic Animal Discovery.

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Fact 026 · A Very Messy Makeover

Research ID 206 · Mammals

B206-1 · NOAA Fisheries (n.d.) Northern Elephant Seal.
<https://www.fisheries.noaa.gov/species/northern-elephant-seal>

Fact 027 · Clear Hairs, White Bear

Research ID 207 · Mammals

B207-1 · San Diego Zoo Wildlife Alliance (n.d.) Polar Bear. <https://animals.sandiegozoo.org/animals/polar-bear>

Fact 028 · Soft Spikes at Birth

Research ID 208 · Mammals

B208-1 · San Diego Zoo Wildlife Alliance (n.d.) Porcupine. <https://animals.sandiegozoo.org/animals/porcupine>

Fact 029 · Half a Brain on Duty

Research ID 209 · Mammals

B209-1 · NOAA Fisheries (2021-09-28) Six Reasons Why You Should Not Swim with Wild Spinner Dolphins.
<https://www.fisheries.noaa.gov/feature-story/six-reasons-why-you-should-not-swim-wild-spinner-dolphins>

Fact 030 · Playing Dead Without Planning

Research ID 210 · Mammals

B210-1 · National Park Service, Civil War Defenses of Washington (2015-04-10) Virginia Opossum.
<https://www.nps.gov/cwdw/learn/nature/virginia-opossum.htm>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

B210-2 · Missouri Department of Conservation (n.d.) Virginia Opossum.
<https://mdc.mo.gov/discover-nature/field-guide/virginia-opossum>

Fact 031 · Walking on Fists

Research ID 301 · Mammals

B301-1 · San Diego Zoo Wildlife Alliance (n.d.) Giant Anteater.
<https://animals.sandiegozoo.org/animals/giant-anteater>

Fact 032 · A Double Grip

Research ID 305 · Mammals

B305-1 · San Diego Zoo Wildlife Alliance (n.d.) Koala. <https://animals.sandiegozoo.org/animals/koala>

Fact 033 · Fruit for a Wolf

Research ID 302 · Mammals

B302-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Maned wolf.
<https://nationalzoo.si.edu/animals/maned-wolf>

Fact 034 · The Bone-Crushing Cleanup Crew

Research ID 303 · Mammals

B303-1 · San Diego Zoo Wildlife Alliance (n.d.) Striped Hyena.
<https://animals.sandiegozoo.org/animals/striped-hyena>

Fact 035 · Tusks Through the Nose

Research ID 304 · Mammals

B304-1 · San Diego Zoo Wildlife Alliance (n.d.) Babirusa. <https://animals.sandiegozoo.org/animals/babirusa>

Fact 036 · Same Count, Longer Bones

Research ID 306 · Mammals

B306-1 · San Diego Zoo Wildlife Alliance (n.d.) Giraffe. <https://animals.sandiegozoo.org/animals/giraffe>

Fact 037 · Closing Out the Sand

Research ID 308 · Mammals

B308-1 · San Diego Zoo Wildlife Alliance (n.d.) Camel. <https://animals.sandiegozoo.org/animals/camel>

Fact 038 · The Panda's Extra Grip

Research ID 307 · Mammals

B307-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Giant panda.
<https://nationalzoo.si.edu/animals/giant-panda>

Fact 039 · Paws for a Snowy Slope

Research ID 309 · Mammals

B309-1 · San Diego Zoo Wildlife Alliance (n.d.) Snow Leopard.
<https://animals.sandiegozoo.org/animals/snow-leopard>

Fact 040 · A Striped Identity

Research ID 310 · Mammals

B310-1 · San Diego Zoo Wildlife Alliance (n.d.) Zebra. <https://animals.sandiegozoo.org/animals/zebra>

Fact 041 · Pollen Passengers on Fur

Research ID 402 · Mammals

B402-1 · San Diego Zoo Wildlife Alliance (n.d.) Bat | San Diego Zoo Animals & Plants.
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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 042 · A Haystack for Winter

Research ID 401 · Mammals

B401-1 · National Park Service (n.d.) Pika - Yellowstone National Park (U.S.

<https://www.nps.gov/yell/learn/nature/pika.htm>

Fact 043 · Iron in a Shrew's Teeth

Research ID 403 · Mammals

S403-1 · M. Dumont; T. Tütken; A. Kostka; M. J. Duarte; S. Borodin (2014-02-17 online; 2014-04 issue 186(1), 38–48) Structural and functional characterization of enamel pigmentation in shrews Journal of Structural Biology; Elsevier. https://www.paleontology.uni-mainz.de/downloads/free/publications/Dumont%20et%20al%202014%20J%20Structural%20Biology%20186_38.pdf DOI: 10.1016/j.jsb.2014.02.006

Fact 044 · A Deer with Long Canines

Research ID 404 · Mammals

B404-1 · Jeremy Mulder (1999) Moschus moschiferus Animal Diversity Web, University of Michigan.

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Fact 045 · A Nose That Shapes a Voice

Research ID 405 · Mammals

S405-1 · Tomoki Yoshitani; Rintaro Miyazaki; Satoru Seino; Kazuya Edamura; Koichi Murata; Ikki Matsuda; Takeshi Nishimura; Isao T. Tokuda (2025-08-13; 22(229), 20250098) Individual vocal identity is enhanced by the enlarged external nose in male proboscis monkeys (Nasalis larvatus) Journal of the Royal Society Interface; The Royal Society. <https://pmc.ncbi.nlm.nih.gov/articles/PMC12343138/> DOI: 10.1098/rsif.2025.0098

Fact 046 · Warming Air Inside a Nose

Research ID 406 · Mammals

B406-1 · WWF Deutschland (2025-04-15) Saiga-Antelope im Artenlexikon.

<https://www.wwf.de/themen-projekte/artenlexikon/saiga-antelope>

Fact 047 · A Porcupine's Rattle

Research ID 407 · Mammals

B407-1 · San Diego Zoo Wildlife Alliance (n.d.) Porcupine | San Diego Zoo Animals & Plants.

<https://animals.sandiegozoo.org/animals/porcupine>

Fact 048 · Flying on Finger Bones

Research ID 408 · Mammals

B408-1 · San Diego Zoo Wildlife Alliance (n.d.) Bat | San Diego Zoo Animals & Plants.

<https://animals.sandiegozoo.org/animals/bat>

Fact 049 · Teeth Tell Two Families Apart

Research ID 409 · Mammals

B409-1 · NOAA (n.d.) What's the difference between dolphins and porpoises?.

https://oceanservice.noaa.gov/facts/dolphin_porpoise.html

Fact 050 · Two Ears, Two Directions

Research ID 410 · Mammals

B410-1 · San Diego Zoo Wildlife Alliance (n.d.) Rhinoceros | San Diego Zoo Animals & Plants.

<https://animals.sandiegozoo.org/animals/rhinoceros>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 051 · An Egg on Dad's Feet

Research ID 012 · Birds

B012-1 · British Antarctic Survey (n.d.) Emperor Penguin - British Antarctic Survey.

https://legacy.bas.ac.uk/about_antarctica/wildlife/birds/penguins/emperor.php

Fact 052 · Pink Is on the Menu

Research ID 011 · Birds

B011-1 · San Diego Zoo Wildlife Alliance (n.d.) Flamingo. <https://animals.sandiegozoo.org/animals/flamingo>

Fact 053 · A Tongue with Hidden Support

Research ID 013 · Birds

B013-1 · Gibson, Lorna; MIT (n.d.) Built to Peck: How Woodpeckers Avoid Brain Injury.

<https://academy.allaboutbirds.org/built-to-peck-how-woodpeckers-avoid-brain-injury/>

Fact 054 · Reverse in Midair

Research ID 014 · Birds

B014-1 · San Diego Zoo Wildlife Alliance (n.d.) Hummingbird. <https://animals.sandiegozoo.org/animals/hummingbird>

Fact 055 · A Nose at the Far End

Research ID 016 · Birds

B016-1 · San Diego Zoo Wildlife Alliance (n.d.) Kiwi. <https://animals.sandiegozoo.org/animals/kiwi>

Fact 056 · Wings for Climbing

Research ID 015 · Birds

S015-1 · Anick Abourachid; Anthony Herrel; Thierry Decamps; Fanny Pages; Anne-Claire Fabre; Luc Van Hoorebeke; Dominique Adriaens; Maria Alexandra Garcia Amado (2019-05-22) Hoatzin nestling locomotion: Acquisition of quadrupedal limb coordination in birds Science Advances; AAAS.

<https://pmc.ncbi.nlm.nih.gov/articles/PMC6530998/> DOI: 10.1126/sciadv.aat0787

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Fact 057 · Delivery Through a Narrow Slot

Research ID 017 · Birds

S017-1 · San Diego Zoo Wildlife Alliance (n.d.) Hornbill San Diego Zoo Wildlife Alliance.

<https://animals.sandiegozoo.org/animals/hornbill>

Fact 058 · The Owl Beneath Your Feet

Research ID 018 · Birds

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B018-2 · Cornell Lab of Ornithology (n.d.) Burrowing Owl Life History, All About Birds, Cornell Lab of Ornithology.

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Fact 059 · Fish Held Fast

Research ID 019 · Birds

B019-1 · Cornell Lab of Ornithology (n.d.) Birds Foraging at the Waterside.

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 060 · A Fishing Hook on a Beak

Research ID 112 · Birds

B112-1 · Worley, K (2019-09-25) 7 Revealing Facts about Shoebills.

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Fact 061 · A Nest Borrowed for an Egg

Research ID 020 · Birds

B020-1 · Cornell Lab of Ornithology (n.d.) Brown-headed Cowbird Life History, All About Birds, Cornell Lab of Ornithology. https://www.allaboutbirds.org/guide/Brown-headed_Cowbird/lifehistory

Fact 062 · Following the Smell of a Meal

Research ID 111 · Birds

B111-1 · San Diego Zoo Wildlife Alliance (n.d.) Vulture. <https://animals.sandiegozoo.org/animals/vulture>

Fact 063 · Walking on Floating Leaves

Research ID 113 · Birds

B113-1 · San Diego Zoo Wildlife Alliance (n.d.) Jacana. <https://animals.sandiegozoo.org/animals/jacana>

Fact 064 · Eyes That Stay in Place

Research ID 117 · Birds

B117-1 · San Diego Zoo Wildlife Alliance (n.d.) Owl. <https://animals.sandiegozoo.org/animals/owl>

Fact 065 · A Swan's Grounded Season

Research ID 114 · Birds

B114-1 · Ginn, H. B.; Melville, D. S (1983; reprint 1995) Moults in Birds.

<https://www.bto.org/sites/default/files/moult-in-birds-web.pdf>

Fact 066 · Scoop, Drain, Swallow

Research ID 115 · Birds

B115-1 · San Diego Zoo Wildlife Alliance (n.d.) Pelican. <https://animals.sandiegozoo.org/animals/pelican>

Fact 067 · A Bird with X-Shaped Tracks

Research ID 116 · Birds

B116-1 · National Park Service (updated August 21, 2020) Greater Roadrunner - White Sands National Park (U.S.

<https://www.nps.gov/whsa/learn/nature/roadrunner.htm>

Fact 068 · A Big Bill without the Big Weight

Research ID 118 · Birds

B118-1 · San Diego Zoo Wildlife Alliance (n.d.) Toucan. <https://animals.sandiegozoo.org/animals/toucan>

Fact 069 · Copper Colors in Feathers

Research ID 119 · Birds

B119-1 · Tulsa Zoo (n.d.) Red-Crested Turaco. <https://tulsazoo.org/animals/animal/red-crested-turaco>

Fact 070 · The Peacock's Secret Tail

Research ID 120 · Birds

B120-1 · San Diego Zoo Wildlife Alliance (n.d.) Peafowl. <https://animals.sandiegozoo.org/animals/peafowl>

B120-2 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Common peafowl.

<https://nationalzoo.si.edu/animals/common-peafowl>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 071 · A Bird of Many Voices

Research ID 211 · Birds

B211-1 · Australian Museum (n.d.) Superb Lyrebird. <https://australian.museum/learn/animals/birds/superb-lyrebird/>

Fact 072 · The First Trip Is a Jump

Research ID 212 · Birds

B212-1 · Cornell Lab of Ornithology (n.d.) Wood Duck Life History.

https://www.allaboutbirds.org/guide/Wood_Duck/lifehistory

Fact 073 · Bones on the Menu

Research ID 215 · Birds

B215-1 · Vulture Conservation Foundation (n.d.) Bearded Vulture. <https://4vultures.org/vultures/bearded-vulture/>

B215-2 · San Diego Zoo Wildlife Alliance (n.d.) Vulture. <https://animals.sandiegozoo.org/animals/vulture>

Fact 074 · Feathers with a Double Shaft

Research ID 213 · Birds

B213-1 · San Diego Zoo Wildlife Alliance (n.d.) Emu. <https://animals.sandiegozoo.org/animals/emu>

Fact 075 · Fish Herding, Bird Style

Research ID 214 · Birds

B214-1 · Cornell Lab of Ornithology (n.d.) American White Pelican Life History.

https://www.allaboutbirds.org/guide/American_White_Pelican/lifehistory

Fact 076 · A Meal Leaves a Clue

Research ID 216 · Birds

B216-1 · San Diego Zoo Wildlife Alliance (n.d.) Owl. <https://animals.sandiegozoo.org/animals/owl>

Fact 077 · Cooling Patches Above the Eyes

Research ID 217 · Birds

B217-1 · San Diego Zoo Wildlife Alliance (n.d.) African Penguin.

<https://animals.sandiegozoo.org/animals/african-penguin>

Fact 078 · A Bill That Skims

Research ID 218 · Birds

B218-1 · Cornell Lab of Ornithology (n.d.) Black Skimmer Identification.

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Fact 079 · A Ride on a Parent's Back

Research ID 219 · Birds

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https://www.allaboutbirds.org/guide/Common_Loon/lifehistory

Fact 080 · A Bright Red Advertisement

Research ID 220 · Birds

B220-1 · Cornell Lab of Ornithology (n.d.) Great Frigatebird Life History.

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Fact 081 · A Hunter with Stamping Feet

Research ID 311 · Birds

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 082 · A Bill with a Bending Tip

Research ID 316 · Birds

B316-1 · Cornell Lab of Ornithology (n.d.) American woodcock: Overview.

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Fact 083 · Sweeping Up a Meal

Research ID 312 · Birds

B312-1 · Cornell Lab of Ornithology (n.d.) American avocet: Overview.

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Fact 084 · A Grip Built for Fish

Research ID 313 · Birds

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Fact 085 · A Crossed-Bill Seed Opener

Research ID 314 · Birds

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Fact 086 · A Strainer in a Duck's Bill

Research ID 315 · Birds

B315-1 · Cornell Lab of Ornithology (n.d.) Northern shoveler: Overview.

https://www.allaboutbirds.org/guide/Northern_Shoveler/overview

Fact 087 · The Head-in-the-Sand Myth

Research ID 320 · Birds

B320-1 · San Diego Zoo Wildlife Alliance (n.d.) Ostrich. <https://animals.sandiegozoo.org/animals/ostrich>

Fact 088 · Water Carried in Feathers

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Fact 089 · Turning Down the Energy Use

Research ID 318 · Birds

B318-1 · Cornell Lab of Ornithology (n.d.) Common poorwill: Overview.

https://www.allaboutbirds.org/guide/Common_Poorwill/overview

Fact 090 · A Songbird Below the Surface

Research ID 319 · Birds

B319-1 · Cornell Lab of Ornithology (n.d.) American dipper: Overview.

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Fact 091 · Feathers That Become Powder

Research ID 412 · Birds

B412-1 · Cornell Lab of Ornithology (n.d.) Great Blue Heron: Overview.

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Fact 092 · Taking Turns at the Front

Research ID 411 · Birds

B411-1 · Cornell Lab of Ornithology, All About Birds (n.d.) Canada goose.

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 093 · Drinking with Its Head Down

Research ID 413 · Birds

B413-1 · Cornell Lab of Ornithology (n.d.) Red-billed Pigeon: Identification / Photo Gallery.

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Fact 094 · A Hunter That Keeps Flying

Research ID 414 · Birds

B414-1 · Cornell Lab of Ornithology, All About Birds (n.d.) Swallow-tailed kite.

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Fact 095 · Waiting for Seeds to Arrive

Research ID 415 · Birds

B415-1 · Cornell Lab of Ornithology, All About Birds (n.d.) American goldfinch.

https://www.allaboutbirds.org/guide/American_Goldfinch/overview

Fact 096 · Removing a Spiky Stomach Lining

Research ID 416 · Birds

B416-1 · Cornell Lab of Ornithology, All About Birds (n.d.) Black-billed cuckoo.

https://www.allaboutbirds.org/guide/Black-billed_Cuckoo/overview

Fact 097 · A Tongue That Refills Itself

Research ID 417 · Birds

B417-1 · Rico-Guevara, A., Fan, T.-H., & Rubega, M. A (2015) Hummingbird tongues are elastic micropumps.

<https://pmc.ncbi.nlm.nih.gov/articles/PMC4632618/> DOI: 10.1098/rspb.2015.1014

Fact 098 · Heavy Bones for Diving

Research ID 418 · Birds

B418-1 · SeaWorld, Animals All About (n.d.) All About Penguins - Adaptations | United Parks & Resorts.

<https://seaworld.org/animals/all-about/penguin/adaptations/>

Fact 099 · Feather Horns on an Owl

Research ID 419 · Birds

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Fact 100 · Grinding Food with Grit

Research ID 420 · Birds

B420-1 · Kansas State University, Department of Animal Sciences and Industry (n.d.) Nutrition.

<https://www.asi.k-state.edu/extension/poultry/frequently-asked-questions/nutrition.html>

Fact 101 · A Shell Is Part of the Turtle

Research ID 021 · Reptiles

B021-1 · San Diego Zoo Wildlife Alliance (n.d.) Turtle and Tortoise.

<https://animals.sandiegozoo.org/animals/turtle-and-tortoise>

Fact 102 · Temperature Shapes the Hatchlings

Research ID 022 · Reptiles

B022-1 · San Diego Zoo Wildlife Alliance (n.d.) Crocodilian. <https://animals.sandiegozoo.org/animals/crocodilian>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

B022-2 · Bock, Samantha L.; Smaga, Christopher R.; McCoy, Jessica A.; Parrott, Benjamin B (2022) Genome-wide DNA methylation patterns harbour signatures of hatchling sex and past incubation temperature in a species with environmental sex determination. <https://www.ebi.ac.uk/europepmc/webservices/rest/PMC9826120/fullTextXML>
DOI: 10.1111/mec.16670

Fact 103 · Grip Without Glue

Research ID 023 · Reptiles

B023-1 · Sanders, Robert (2002-08-26) Geckos' sticky foot hairs provide biological inspiration for synthetic, self-cleaning, dry adhesive. https://newsarchive.berkeley.edu/news/media/releases/2002/08/26_gecko.html

Fact 104 · Colors That Send a Message

Research ID 024 · Reptiles

S024-1 · San Diego Zoo Wildlife Alliance (n.d.) Chameleon San Diego Zoo Wildlife Alliance.
<https://animals.sandiegozoo.org/animals/chameleon>

Fact 105 · The Tongue Collects Clues

Research ID 026 · Reptiles

B026-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Komodo dragon.
<https://nationalzoo.si.edu/animals/komodo-dragon>

Fact 106 · A Light Sensor on Top

Research ID 025 · Reptiles

S025-1 · San Diego Zoo Wildlife Alliance (n.d.) Tuatara San Diego Zoo Wildlife Alliance.
<https://animals.sandiegozoo.org/animals/tuatara>

S025-2 · New Zealand Herpetological Society (n.d.) Sphenodon punctatus New Zealand Herpetological Society.
<https://www.reptiles.org.nz/herpetofauna/native/sphenodon-punctatus>

Fact 107 · Sneezing Out Salt

Research ID 027 · Reptiles

B027-1 · Natural History Museum, London (n.d.) Marine iguanas: the incredible shrinking lizards of the Galápagos.
<https://www.nhm.ac.uk/discover/shrinking-galapagos-marine-iguanas.html>

Fact 108 · The Fan Under the Throat

Research ID 028 · Reptiles

B028-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Smallwood's anole.
<https://nationalzoo.si.edu/animals/smallwoods-anole>

Fact 109 · An Underwater Grazer

Research ID 029 · Reptiles

S029-1 · NOAA Fisheries (n.d.) Green Turtle NOAA Fisheries. <https://www.fisheries.noaa.gov/species/green-turtle>

Fact 110 · A Rattle Is Not a Birthday Counter

Research ID 121 · Reptiles

B121-1 · San Diego Zoo Wildlife Alliance (n.d.) Rattlesnake. <https://animals.sandiegozoo.org/animals/rattlesnake>

Fact 111 · A Brief Dash Across Water

Research ID 030 · Reptiles

B030-1 · National Geographic (n.d.) Green Basilisk Lizard National Geographic.
<https://www.nationalgeographic.com/animals/reptiles/facts/green-basilisk-lizard>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 112 · Venom Takes the Groove

Research ID 122 · Reptiles

B122-1 · San Diego Zoo Wildlife Alliance (n.d.) Gila Monster. <https://animals.sandiegozoo.org/animals/gila-monster>

Fact 113 · Spray from the Fangs

Research ID 123 · Reptiles

B123-1 · San Diego Zoo Wildlife Alliance (n.d.) Cobra. <https://animals.sandiegozoo.org/animals/cobra>

Fact 114 · A Collar for a Confrontation

Research ID 127 · Reptiles

B127-1 · McAdam, D (n.d.) Fab Frillies [Nature Notes, 2 pages].
https://nt.gov.au/__data/assets/pdf_file/0007/200032/frilled-lizard.pdf

Fact 115 · A Snake Curled around Eggs

Research ID 124 · Reptiles

B124-1 · San Diego Zoo Wildlife Alliance (n.d.) Python. <https://animals.sandiegozoo.org/animals/python>

Fact 116 · Getting a Grip on Sand

Research ID 125 · Reptiles

B125-1 · Marvi, H.; Gong, C.; Gravish, N.; Astley, H.; Travers, M.; Hatton, R. L.; Mendelson, J. R. III; Choset, H.; Hu, D. L.; Goldman, D. I (2014) Sidewinding with minimal slip: Snake and robot ascent of sandy slopes.
https://biorobotics.ri.cmu.edu/papers/paperUploads/MarviScience2014_ALL.pdf DOI: 10.1126/science.1255718

Fact 117 · Water Takes the Skin Route

Research ID 126 · Reptiles

B126-1 · Comanns, P.; Withers, P. C.; Esser, F. J.; Baumgartner, W (2016) Cutaneous water collection by a moisture-harvesting lizard, the thorny devil (*Moloch horridus*). https://www.researchgate.net/publication/310620378_Cutaneous_water_collection_by_a_moisture-harvesting_lizard_the_thorny_devil_Moloch_horridus DOI: 10.1242/jeb.148791

Fact 118 · A Stretchy Mouth, Not a Broken Jaw

Research ID 128 · Reptiles

B128-1 · Osterloff, E (n.d.) Snakes: Super senses, stretchy jaws and deadly venom.
<https://www.nhm.ac.uk/discover/snakes-senses-stretchy-jaws-deadly-venom.html>

Fact 119 · A Bite without Teeth

Research ID 129 · Reptiles

B129-1 · San Diego Zoo Wildlife Alliance (n.d.) Turtle and Tortoise.
<https://animals.sandiegozoo.org/animals/turtle-and-tortoise>

Fact 120 · A Mouthful of Babies

Research ID 130 · Reptiles

B130-1 · San Diego Zoo Wildlife Alliance (n.d.) Crocodilian. <https://animals.sandiegozoo.org/animals/crocodilian>

Fact 121 · Born Ready to Swim

Research ID 221 · Reptiles

B221-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Green anaconda.
<https://nationalzoo.si.edu/animals/green-anaconda>

Fact 122 · Doors Over the Ears

Research ID 222 · Reptiles

B222-1 · San Diego Zoo Wildlife Alliance (n.d.) Crocodilian. <https://animals.sandiegozoo.org/animals/crocodilian>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 123 · Eyes Open at Bedtime

Research ID 226 · Reptiles

B226-1 · San Diego Zoo Wildlife Alliance (n.d.) Snake. <https://animals.sandiegozoo.org/animals/snake>

Fact 124 · Keeping a Slippery Meal

Research ID 223 · Reptiles

B223-1 · NOAA Fisheries (n.d.) Leatherback Turtle. <https://www.fisheries.noaa.gov/species/leatherback-turtle>

Fact 125 · The Black Is Inside

Research ID 224 · Reptiles

B224-1 · Dlamini, S (2020; page also shows 2021) Black mamba.

<https://www.sanbi.org/animal-of-the-week/black-mamba/>

Fact 126 · An Inflatable Doorstop

Research ID 225 · Reptiles

B225-1 · National Park Service, Grand Canyon-Parashant National Monument (updated 2019-02-08) Common Chuckwalla. <https://www.nps.gov/para/learn/nature/common-chuckwalla.htm>

Fact 127 · A Tail That Stays Behind

Research ID 227 · Reptiles

B227-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Tokay gecko.

<https://nationalzoo.si.edu/animals/tokay-gecko>

Fact 128 · Dinner at Tongue Length

Research ID 229 · Reptiles

B229-1 · San Diego Zoo Wildlife Alliance (n.d.) Chameleon. <https://animals.sandiegozoo.org/animals/chameleon>

Fact 129 · A Sideways Snap for Fish

Research ID 228 · Reptiles

B228-1 · San Diego Zoo Wildlife Alliance (n.d.) Crocodilian. <https://animals.sandiegozoo.org/animals/crocodilian>

Fact 130 · A Water Reserve Inside

Research ID 230 · Reptiles

B230-1 · San Diego Zoo Wildlife Alliance (n.d.) Desert Tortoise.

<https://animals.sandiegozoo.org/animals/desert-tortoise>

Fact 131 · A Snake That Glides

Research ID 321 · Reptiles

B321-1 · San Diego Zoo Wildlife Alliance (n.d.) Snake. <https://animals.sandiegozoo.org/animals/snake>

Fact 132 · Holding On During a Strike

Research ID 326 · Reptiles

B326-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Green tree python.

<https://nationalzoo.si.edu/animals/green-tree-python>

Fact 133 · A Tail Like a Paddle

Research ID 322 · Reptiles

B322-1 · Eric Wright (2011) Laticauda colubrina Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Laticauda_colubrina/

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 134 · A Different Turtle Shell

Research ID 323 · Reptiles

B323-1 · Pamela Bartholomew (2008) *Apalone spinifera* Animal Diversity Web, University of Michigan.
https://animaldiversity.org/accounts/Apalone_spinifera/

Fact 135 · Opening the Cobra's Hood

Research ID 324 · Reptiles

B324-1 · San Diego Zoo Wildlife Alliance (n.d.) Cobra. <https://animals.sandiegozoo.org/animals/cobra>

Fact 136 · Flippers in Fresh Water

Research ID 325 · Reptiles

B325-1 · Ekta Patel (2012) *Carettochelys insculpta* Animal Diversity Web, University of Michigan.
https://animaldiversity.org/accounts/Carettochelys_insculpta/

Fact 137 · Glasses Made of Bone

Research ID 330 · Reptiles

B330-1 · Kayla Terry (2010) *Caiman crocodilus* Animal Diversity Web, University of Michigan.
https://animaldiversity.org/accounts/Caiman_crocodilus/

Fact 138 · A Tortoise for Tight Spaces

Research ID 327 · Reptiles

B327-1 · San Diego Zoo Wildlife Alliance (n.d.) Pancake Tortoise.
<https://animals.sandiegozoo.org/animals/pancake-tortoise>

Fact 139 · A Tooth Hidden from View

Research ID 328 · Reptiles

B328-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) American alligator.
<https://nationalzoo.si.edu/animals/american-alligator>

Fact 140 · A Snout for Digging Dinner

Research ID 329 · Reptiles

B329-1 · Renee Jessee (2019) *Heterodon platirhinos* Animal Diversity Web, University of Michigan.
https://animaldiversity.org/accounts/Heterodon_platirhinos/

Fact 141 · A Startling Defense from the Eyes

Research ID 424 · Reptiles

B424-1 · San Diego Zoo Wildlife Alliance (n.d.) Lizard | San Diego Zoo Animals & Plants.
<https://animals.sandiegozoo.org/animals/lizard>

Fact 142 · Waste Leaving Through the Mouth

Research ID 421 · Reptiles

S421-1 · Yuen K. Ip; Ai M. Loong; Serene M. L. Lee; Jasmine L. Y. Ong; Wai P. Wong; Shit F. Chew (2012-11-01; 215(21), 3723–3733) The Chinese soft-shelled turtle, *Pelodiscus sinensis*, excretes urea mainly through the mouth instead of the kidney *Journal of Experimental Biology*; The Company of Biologists.
<https://pubmed.ncbi.nlm.nih.gov/23053366/> DOI: 10.1242/jeb.068916

Fact 143 · Breathing with a Moving Liver

Research ID 422 · Reptiles

S422-1 · Carl Gans; B. Clark (1976-05; 26(3), 285–301) Studies on ventilation of *Caiman crocodilus* (Crocodilia: Reptilia) *Respiration Physiology*; Elsevier. <https://pubmed.ncbi.nlm.nih.gov/951534/> DOI: 10.1016/0034-5687(76)90001-3

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 144 · Active in Desert Heat

Research ID 423 · Reptiles

B423-1 · Amanda Sloan (2012) *Dipsosaurus dorsalis* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Dipsosaurus_dorsalis/

Fact 145 · A New Tail with a New Support

Research ID 425 · Reptiles

B425-1 · Arizona State University, Kusumi Lab (n.d.) Regeneration.

<https://kusumi.lab.asu.edu/research/regeneration>

Fact 146 · Teeth That Fit Between Teeth

Research ID 427 · Reptiles

B427-1 · San Diego Zoo Wildlife Alliance (n.d.) Tuatara | San Diego Zoo Animals & Plants.

<https://animals.sandiegozoo.org/animals/tuatara>

Fact 147 · A Snake That Eats Snakes

Research ID 426 · Reptiles

B426-1 · Sarah Bartz (2012) *Lampropeltis getula* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Lampropeltis_getula/

Fact 148 · Folding a Neck Sideways

Research ID 428 · Reptiles

B428-1 · Perkins, W (2020-05-25) The Side Track. <https://zoonooz.sandiegozoo.org/zoonooz/the-side-track/>

Fact 149 · A Fluttering Claw Display

Research ID 429 · Reptiles

B429-1 · Kelly Armentrout; Cari McGregor (2019) *Trachemys scripta* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Trachemys_scripta/

Fact 150 · Keeping Water Out of the Throat

Research ID 430 · Reptiles

B430-1 · IUCN/SSC Crocodile Specialist Group (2003) Crocodilians Swallowing Prey Underwater.

https://www.iucnscg.org/365_docs/attachments/protarea/CSG%20-c2dd370a.pdf

Fact 151 · Rebuilding a Lost Limb

Research ID 031 · Amphibians

B031-1 · San Diego Zoo Wildlife Alliance (n.d.) Axolotl. <https://animals.sandiegozoo.org/animals/axolotl>

Fact 152 · Where the Red Blood Goes

Research ID 032 · Amphibians

S032-1 · Carlos Taboada; Jesse Delia; Maomao Chen; Chenshuo Ma; Xiaorui Peng; Xiaoyi Zhu; Laiming Jiang; Tri Vu; Qifa Zhou; Junjie Yao; Lauren O'Connell; Sönke Johnsen (2022-12-23 issue) Glassfrogs conceal blood in their liver to maintain transparency Science; AAAS.

<https://www.sciencefriday.com/wp-content/uploads/2023/01/Taboada-Delia-et-al-2022.pdf> DOI:

10.1126/science.abl6620

S032-2 · Duke Pratt School of Engineering (2022-12-22) Glassfrogs Hide Red Blood Cells in Their Liver to Become Transparent Duke University.

<https://pratt.duke.edu/news/glassfrogs-hide-red-blood-cells-their-liver-become-transparent/>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 153 · Ice Outside, Protection Inside

Research ID 033 · Amphibians

S033-1 · National Park Service, Gates of the Arctic (updated 2022-10-06) Biological Miracle U.S. National Park Service. <https://www.nps.gov/gaar/learn/nature/wood-frog-page-2.htm>

Fact 154 · The Diet Behind the Poison

Research ID 034 · Amphibians

S034-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Poison frogs Smithsonian's National Zoo and Conservation Biology Institute. <https://nationalzoo.si.edu/animals/poison-frogs>

Fact 155 · Reading Ripples

Research ID 039 · Amphibians

B039-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) African clawed frog. <https://nationalzoo.si.edu/animals/african-clawed-frog>

Fact 156 · The Amphibian with Feelers

Research ID 035 · Amphibians

B035-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Aquatic caecilian. <https://nationalzoo.si.edu/animals/aquatic-caecilian>

Fact 157 · Breathing Through Wrinkles

Research ID 036 · Amphibians

B036-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Hellbender. <https://nationalzoo.si.edu/animals/hellbender>

Fact 158 · A Nursery in Mom's Back

Research ID 037 · Amphibians

B037-1 · San Diego Zoo Wildlife Alliance (n.d.) Surinam Toad. <https://animals.sandiegozoo.org/animals/surinam-toad>

Fact 159 · Dad's Vocal-Sac Nursery

Research ID 038 · Amphibians

B038-1 · Zoological Society of London (n.d.) Darwin's Frog Conservation. <https://www.zsl.org/saving-southern-darwins-frog>

Fact 160 · Is That Moss Moving?

Research ID 040 · Amphibians

B040-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Vietnamese mossy frog. <https://nationalzoo.si.edu/animals/vietnamese-mossy-frog>

Fact 161 · Sticky Toes in the Trees

Research ID 131 · Amphibians

B131-1 · Smithsonian's National Zoo and Conservation Biology Institute (2018-11-30) New at the Zoo: Red-Eyed Tree Frogs. <https://nationalzoo.si.edu/animals/news/new-zoo-red-eyed-tree-frogs>

Fact 162 · A Dad Who Digs an Escape Route

Research ID 132 · Amphibians

S132-1 · C. L. Cook; J. W. H. Ferguson; S. R. Telford (2001-06; 35(2), 310–315) Adaptive Male Parental Care in the Giant Bullfrog, *Pyxicephalus adspersus* Journal of Herpetology; Society for the Study of Amphibians and Reptiles. https://www.macedonialab.com/uploads/7/8/3/3/7833444/22_macedonia_clark_2001.pdf DOI: 10.2307/1566122

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 163 · A Warning Hidden Underneath

Research ID 133 · Amphibians

B133-1 · San Diego Zoo Wildlife Alliance (n.d.) Frog and Toad.

<https://animals.sandiegozoo.org/animals/frog-and-toad>

Fact 164 · A Toad's Spotting Pattern

Research ID 135 · Amphibians

B135-1 · The Maryland Zoo in Baltimore (n.d.) American Toad. <https://www.marylandzoo.org/animal/american-toad/>

Fact 165 · Growing out of Gills

Research ID 134 · Amphibians

B134-1 · U.S. Fish and Wildlife Service (2014-10-21) California Tiger Salamander, Central California Distinct Population Segment (*Ambystoma californiense*): 5-Year Review, Summary and Evaluation.

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Fact 166 · A Shovel on the Back Foot

Research ID 136 · Amphibians

B136-1 · National Park Service (updated April 18, 2025) Plains Spadefoot Toad - Yellowstone National Park (U.S.

<https://www.nps.gov/yell/learn/nature/spadefoottoad.htm>

Fact 167 · Finding Food by Water Vibrations

Research ID 137 · Amphibians

B137-1 · San Diego Zoo Wildlife Alliance Library (updated 2026-01-14) Chinese Giant Salamanders (*Andrias* spp.)

Fact Sheet: Physical Characteristics.

<https://ielc.libguides.com/sdzg/factsheets/chinese giantsalamanders/characteristics>

B137-2 · Zoological Society of London (2019-09-19) New species of giant salamander is world's biggest amphibian.

<https://www.zsl.org/news-and-events/news/new-giant-salamander-species-is-worlds-biggest-amphibian>

Fact 168 · Mom's Skin Is on the Menu

Research ID 138 · Amphibians

B138-1 · Wilkinson, M.; Kupfer, A.; Marques-Porto, R.; Jeffkins, H.; Antoniazzi, M. M.; Jared, C (2008) One hundred million years of skin feeding? Extended parental care in a Neotropical caecilian (Amphibia: Gymnophiona).

<https://pmc.ncbi.nlm.nih.gov/articles/PMC2610157/> DOI: 10.1098/rsbl.2008.0217

Fact 169 · The Frog with an X

Research ID 231 · Amphibians

B231-1 · Missouri Department of Conservation (n.d.) Spring Peeper.

<https://mdc.mo.gov/discover-nature/field-guide/spring-peeper>

Fact 170 · Claws on a Frog's Feet

Research ID 139 · Amphibians

B139-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) African clawed frog.

<https://nationalzoo.si.edu/animals/african-clawed-frog>

Fact 171 · Gills That Stay into Adulthood

Research ID 140 · Amphibians

B140-1 · San Diego Zoo Wildlife Alliance (n.d.) Axolotl. <https://animals.sandiegozoo.org/animals/axolotl>

Fact 172 · Eggs Wrapped Around Dad

Research ID 232 · Amphibians

B232-1 · Froglife (n.d.) Midwife Toad. <https://www.froglife.org/info-advice/amphibians-and-reptiles/midwife-toad/>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 173 · No Swimming Tadpole Stage

Research ID 234 · Amphibians

B234-1 · California Department of Fish and Wildlife (n.d.) California's Invaders: Common Coqui.

<https://wildlife.ca.gov/Conservation/Invasives/Species/Coqui>

Fact 174 · Water, Land, Water Again

Research ID 233 · Amphibians

B233-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Eastern newt.

<https://nationalzoo.si.edu/animals/eastern-newt>

Fact 175 · Tiny Green Guests Inside

Research ID 235 · Amphibians

B235-1 · Kerney, R., Kim, E., Hangarter, R. P., Heiss, A. A., Bishop, C. D., & Hall, B. K (2011) Intracellular invasion of green algae in a salamander host. <https://pmc.ncbi.nlm.nih.gov/articles/PMC3080989/> DOI:

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Fact 176 · Eyes That Help Swallow

Research ID 236 · Amphibians

B236-1 · Levine, R. P., Monroy, J. A., & Brainerd, E. L (2004) Contribution of eye retraction to swallowing performance in the northern leopard frog, *Rana pipiens*. https://www.researchgate.net/publication/8672311_Contribution_of_eye_retraction_to_swallowing_performance_in_the_northern_leopard_frog_Rana_pipiens DOI:

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Fact 177 · A Nursery Waiting for Rain

Research ID 237 · Amphibians

B237-1 · Missouri Department of Conservation (n.d.) Marbled Salamander.

<https://mdc.mo.gov/discover-nature/field-guide/marbled-salamander>

Fact 178 · An Eardrum You Can See

Research ID 239 · Amphibians

B239-1 · Missouri Department of Conservation (n.d.) North American Bullfrog.

<https://mdc.mo.gov/discover-nature/field-guide/north-american-bullfrog>

Fact 179 · A Skin-Coating Routine

Research ID 238 · Amphibians

B238-1 · San Diego Zoo Wildlife Alliance (n.d.) Frog and Toad.

<https://animals.sandiegozoo.org/animals/frog-and-toad>

Fact 180 · A Wave Across the Stream

Research ID 240 · Amphibians

B240-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Panamanian golden frog.

<https://nationalzoo.si.edu/animals/panamanian-golden-frog>

Fact 181 · Breathing Without Lungs

Research ID 331 · Amphibians

B331-1 · Craig Howard (2003) *Plethodon cinereus* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Plethodon_cinereus/

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 182 · Tiny Legs on a Long Body

Research ID 332 · Amphibians

B332-1 · Amiha Beri (2022) *Amphiuma* means Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Amphiuma_means/

Fact 183 · Front Legs Only

Research ID 333 · Amphibians

B333-1 · Kimberley McKenzie (2012) *Siren lacertina* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Siren_lacertina/

Fact 184 · A Treefrog's Underground Hideout

Research ID 334 · Amphibians

B334-1 · Lyndsay Richards (2005) *Hyla gratiosa* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Hyla_gratiosa/

Fact 185 · A Clicking Pond Chorus

Research ID 335 · Amphibians

B335-1 · Katie Suter (2022) *Acris crepitans* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Acris_crepitans/

Fact 186 · Eggs Served for Breakfast

Research ID 336 · Amphibians

B336-1 · Austin Penner (2011) *Oophaga pumilio* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Oophaga_pumilio/

Fact 187 · A Frog with a Gliding Suit

Research ID 338 · Amphibians

B338-1 · Don Abbey (2000) *Rhacophorus nigropalmatus* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Rhacophorus_nigropalmatus/

Fact 188 · Tooth-Like Tools in a Frog's Jaw

Research ID 337 · Amphibians

B337-1 · Benjamin Davidson (2000) *Pyxicephalus adspersus* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Pyxicephalus_adspersus/

Fact 189 · Eggs Hanging Above a Pond

Research ID 339 · Amphibians

B339-1 · Amit Manjunath (2022) *Agalychnis callidryas* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Agalychnis_callidryas/

Fact 190 · A Frog with Sticky Armor

Research ID 340 · Amphibians

B340-1 · Aaron Rudolph (2017) *Dyscophus antongilii* Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Dyscophus_antongilii/

Fact 191 · Eating an Old Skin

Research ID 431 · Amphibians

B431-1 · Exploratorium (n.d.) Frogs: The Amazing, Adaptable Frog, page 2 of 6.

<https://annex.exploratorium.edu/frogs/mainstory/frogstory2.html>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 192 · Young Growing in a Stomach

Research ID 432 · Amphibians

B432-1 · Australian Museum (n.d.) Australia's Lost Frogs - The Australian Museum.

<https://australian.museum/learn/animals/frogs/herpetology-collection-australias-lost-frogs/>

Fact 193 · A Frog Beneath the Ground

Research ID 433 · Amphibians

B433-1 · Zoological Society of London (n.d.) Purple frog. <https://www.zsl.org/news-and-events/feature/purple-frog>

Fact 194 · A Tail That Is Absorbed

Research ID 434 · Amphibians

B434-1 · San Diego Zoo Wildlife Alliance (n.d.) Frog and Toad | San Diego Zoo Animals & Plants.

<https://animals.sandiegozoo.org/animals/frog-and-toad>

Fact 195 · Taking a Drink Through Skin

Research ID 435 · Amphibians

B435-1 · Australian Museum (n.d.) Interactive: Frog life cycle, from egg to adult - The Australian Museum.

<https://australian.museum/learn/teachers/learning/frog-life-cycle/>

Fact 196 · Sound Taking a Route Through the Mouth

Research ID 436 · Amphibians

S436-1 · Renaud Boistel; Thierry Aubin; Peter Cloetens; Françoise Peyrin; Thierry Scotti; Philippe Herzog; Justin Gerlach; Nicolas Pollet; Jean-François Aubry (2013-09-03 online; 2013-09-17 issue 110(38), 15360–15364) How minute sooglossid frogs hear without a middle ear Proceedings of the National Academy of Sciences; National Academy of Sciences. <https://pmc.ncbi.nlm.nih.gov/articles/PMC3780892/> DOI: 10.1073/pnas.1302218110

Fact 197 · Pads for Holding On

Research ID 437 · Amphibians

B437-1 · Hannah Grant (2022) Theloderma Animal Diversity Web, University of Michigan.

<https://animaldiversity.org/accounts/Theloderma/>

Fact 198 · Eggs in Long Strings

Research ID 438 · Amphibians

B438-1 · Stacey Grossman (2002) Anaxyrus americanus Animal Diversity Web, University of Michigan.

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Fact 199 · A Wormlike Animal with Bones

Research ID 439 · Amphibians

S439-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d. — date not supplied) Aquatic caecilian Smithsonian's National Zoo and Conservation Biology Institute. <https://nationalzoo.si.edu/animals/aquatic-caecilian>

Fact 200 · A Giant Frog Without a Vocal Pouch

Research ID 440 · Amphibians

B440-1 · Sunaina Khandelwal (2008) Conraua goliath Animal Diversity Web, University of Michigan.

https://animaldiversity.org/accounts/Conraua_goliath/

Fact 201 · A Reef Meal Becomes Sand

Research ID 042 · Fish

B042-1 · NOAA National Ocean Service (n.d.) How does sand form?. <https://oceanservice.noaa.gov/facts/sand.html>

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 202 · When the Male Becomes Female

Research ID 041 · Fish

S041-1 · Laura Casas; Fran Saborido-Rey; Taewoo Ryu; Craig Michell; Timothy Ravasi; Xabier Irigoien (2016-10-17) Sex Change in Clownfish: Molecular Insights from Transcriptome Analysis Scientific Reports; Nature Publishing Group. <https://www.nature.com/articles/srep35461> DOI: 10.1038/srep35461

Fact 203 · Lunch Above the Water

Research ID 043 · Fish

B043-1 · der Weduwen, Dagmar; Jones, Nick A. R.; Dubosque, Adèle; Schuster, Stefan; Sillar, Keith T.; Webster, Mike; Rendell, Luke (2024) Archerfish foraging success varies with immediate competition level but not group size. <https://www.ebi.ac.uk/europepmc/webservices/rest/PMC11134209/fullTextXML> DOI: 10.1093/beheco/arae040

Fact 204 · Waiting Out the Drought

Research ID 044 · Fish

S044-1 · San Diego Zoo Wildlife Alliance (n.d.) West African Lungfish San Diego Zoo Wildlife Alliance. <https://animals.sandiegozoo.org/animals/west-african-lungfish>

Fact 205 · The Fish That Puffs Up

Research ID 045 · Fish

B045-1 · Australian Museum (n.d.) How often can a Porcupinefish inflate? - The Australian Museum. <https://australian.museum/learn/species-identification/ask-an-expert/porcupinefish-inflation/>

Fact 206 · Eggs Under Dad's Tail

Research ID 046 · Fish

B046-1 · Monterey Bay Aquarium (n.d.) Leafy sea dragon. <https://www.montereybayaquarium.org/animals-the-ocean/animals-a-to-z/leafy-sea-dragon>

Fact 207 · The Eye That Crosses Over

Research ID 047 · Fish

B047-1 · NOAA Fisheries (n.d.) Windowpane Flounder. <https://www.fisheries.noaa.gov/species/windowpane-flounder>

Fact 208 · Electricity with Different Jobs

Research ID 048 · Fish

S048-1 · C. David de Santana; William G. R. Crampton; Casey B. Dillman; Renata G. Frederico; Mark H. Sabaj; Raphaël Covain; Jonathan Ready; Jansen Zuanon; Renildo R. de Oliveira; Raimundo N. Mendes-Júnior; Douglas A. Bastos; Tulio F. Teixeira; Jan Mol; Willian Ohara; Natália Castro e Castro; Luiz A. Peixoto; Cleusa Nagamachi; Leandro Sousa; Luciano F. A. Montag; Frank Ribeiro; Joseph C. Waddell; Nivaldo M. Piorsky; Richard P. Vari; Wolmar B. Wosiacki (2019-09-10) Unexpected species diversity in electric eels with a description of the strongest living bioelectricity generator Nature Communications; Springer Nature. <https://www.ebi.ac.uk/europepmc/webservices/rest/PMC6736962/fullTextXML> DOI: 10.1038/s41467-019-11690-z

S048-2 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Electric eel Smithsonian's National Zoo and Conservation Biology Institute. <https://nationalzoo.si.edu/animals/electric-eel>

Fact 209 · Preparing for a Saltier World

Research ID 049 · Fish

B049-1 · NOAA Fisheries (n.d.) Atlantic Salmon: Science. <https://www.fisheries.noaa.gov/species/atlantic-salmon/science>

B049-2 · Fleming, Mitchell S (2018) Environmental and neuroendocrine control of smoltification in long-river (Loire–Allier) Atlantic salmon. https://borea.mnhn.fr/sites/default/files/VA_FLEMING_Mitchell_20122018.pdf

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 210 · Fins for a Glide

Research ID 142 · Fish

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<https://australian.museum/learn/animals/fishes/a-flyingfish-cheilopogon-sp/>

Fact 211 · A Different Kind of Skeleton

Research ID 050 · Fish

B050-1 · NOAA Fisheries (n.d.) 12 Shark Facts That May Surprise You.

<https://www.fisheries.noaa.gov/feature-story/12-shark-facts-may-surprise-you>

Fact 212 · A Fish with Water to Spare

Research ID 141 · Fish

B141-1 · www.amnh.org (n.d.) Educator Resources: Vertebrates Breathing in Water.

<https://www.amnh.org/learn-teach/resources-for-learning/hall-of-ocean-life/water-vertebrates-breathing>

Fact 213 · A Fishing Light Made by Bacteria

Research ID 143 · Fish

B143-1 · Monterey Bay Aquarium Research Institute (n.d.) Deep-sea anglerfish.

<https://www.mbari.org/animal/deep-sea-anglerfish/>

Fact 214 · Venom in the Spines

Research ID 144 · Fish

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Fact 215 · A Fin Turned into a Grip

Research ID 145 · Fish

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Fact 216 · Swimming with the Sieve Open

Research ID 146 · Fish

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Fact 218 · Piranhas Have a Varied Menu

Research ID 148 · Fish

B148-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Red-bellied piranha.

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Fact 219 · A Swim Bladder That Also Breathes

Research ID 149 · Fish

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 220 · Whiskers before the Mouth

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Fact 221 · A Cocoon for the Night

Research ID 241 · Fish

B241-1 · Monterey Bay Aquarium (n.d.) California sheephead.

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Fact 222 · Skin with Tiny Teeth

Research ID 242 · Fish

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Fact 223 · A Fringe Instead of a Tail

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Fact 224 · Jaws That Reach Forward

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Fact 225 · A Final Return to the River

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Fact 226 · A Safe Place Among Stings

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Fact 227 · Dad's Mouth Is the Nursery

Research ID 247 · Fish

B247-1 · NOAA Fisheries (n.d.) Banggai Cardinalfish. <https://www.fisheries.noaa.gov/species/banggai-cardinalfish>

Fact 228 · A Shark That Can Rest Still

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Fact 229 · A Fish That Takes Steps

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Fact 230 · A Lookout and a Digger

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 231 · A Fish with a Grasping Tail

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Fact 232 · Jagged Teeth for a Tiger Shark

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Fact 233 · Crushing Plates for a Clam Dinner

Research ID 342 · Fish

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Fact 234 · A Saw That Sweeps for Prey

Research ID 343 · Fish

B343-1 · Florida Museum of Natural History (n.d.) Smalltooth Sawfish – Discover Fishes.

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Fact 235 · Switching a Fish's Lights

Research ID 345 · Fish

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Fact 236 · A Hinge Inside the Head

Research ID 346 · Fish

B346-1 · Australian Museum (n.d.) Coelacanth, Latimeria chalumnae Smith, 1939 - The Australian Museum.

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Fact 237 · Swimming Inside a Bony Box

Research ID 348 · Fish

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Fact 238 · A Spine with a Trigger

Research ID 347 · Fish

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Fact 239 · Oil Helps a Shark Stay Up

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Fact 240 · Facing the Flow

Research ID 350 · Fish

B350-1 · Georgia Aquarium (n.d.) Spotted Garden Eel - Georgia Aquarium.

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 241 · Tying Its Body into a Knot

Research ID 444 · Fish

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Fact 242 · Seaweed Shapes, Tiny Swimming Fins

Research ID 441 · Fish

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Fact 243 · Remembering a River's Smell

Research ID 442 · Fish

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Fact 245 · Seeing Through a Fish

Research ID 445 · Fish

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Fact 246 · Breathing Air Through the Mouth

Research ID 450 · Fish

B450-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Electric eel | Smithsonian's National Zoo and Conservation Biology Institute. <https://nationalzoo.si.edu/animals/electric-eel>

Fact 247 · Coping with a Low-Oxygen Pool

Research ID 446 · Fish

B446-1 · Aquarium of the Pacific, Online Learning Center (n.d.) Epaulette Shark | Online Learning Center | Aquarium of the Pacific. https://www.aquariumofpacific.org/onlinelearningcenter/species/epaulette_shark

Fact 248 · A Fish Seen Swimming Upright

Research ID 447 · Fish

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Fact 249 · Antifreeze Made by a Fish

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

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Research ID 449 · Fish

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Fact 251 · Tasting a Leaf with the Feet

Research ID 051 · Insects & Arachnids

B051-1 · San Diego Zoo Wildlife Alliance (n.d.) Butterfly, Moth, and Skipper.
<https://animals.sandiegozoo.org/animals/butterfly-moth-and-skipper>

Fact 252 · A Map Made of Movement

Research ID 052 · Insects & Arachnids

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Fact 253 · Before a Dragonfly Takes Flight

Research ID 053 · Insects & Arachnids

B053-1 · British Dragonfly Society (n.d.) Life Cycle And Biology - British Dragonfly Society.
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Fact 254 · A Spider's Safety Line

Research ID 054 · Insects & Arachnids

B054-1 · Australian Museum (n.d.) Silk: the spider's success story - The Australian Museum.
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Fact 255 · A Hot Spray in Pulses

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Fact 257 · Leaves for a Fungus Garden

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Fact 258 · A Twig That Sways

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

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Fact 259 · Courtship in Flashes

Research ID 059 · Insects & Arachnids

S059-1 · National Park Service, Great Smoky Mountains National Park (updated 2026-04-23) Synchronous Fireflies U.S. National Park Service. <https://www.nps.gov/grsm/learn/nature/fireflies.htm>

Fact 260 · Folded Arms, Ready to Grab

Research ID 151 · Insects & Arachnids

B151-1 · Missouri Department of Conservation (n.d.) Mantids (Mantises). <https://mdc.mo.gov/discover-nature/field-guide/mantids-mantises>

Fact 261 · Dents in the Water

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Fact 262 · A Song from the Belly

Research ID 152 · Insects & Arachnids

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Fact 264 · An Air Supply Carried Underwater

Research ID 156 · Insects & Arachnids

B156-1 · Missouri Department of Conservation (n.d.) Backswimmers. <https://mdc.mo.gov/discover-nature/field-guide/backswimmers>

Fact 265 · The Mosquito's Flower Meal

Research ID 154 · Insects & Arachnids

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Fact 266 · Babies without Mating

Research ID 155 · Insects & Arachnids

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Fact 267 · A Sand Trap for a Tiny Hunter

Research ID 157 · Insects & Arachnids

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

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Research ID 158 · Insects & Arachnids

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Fact 269 · Venom from Modified Legs

Research ID 160 · Insects & Arachnids

B160-1 · Australian Museum (updated 2020-05-07) Common seasonal enquiries – Lacewings, Centipedes & Millipedes. <https://australian.museum/learn/species-identification/ask-an-expert/common-enquiries-summer/>

Fact 270 · Outgrowing the Armor

Research ID 159 · Insects & Arachnids

B159-1 · Missouri Department of Conservation (2025-09-01) Gentle Giants.

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Fact 271 · An Insect Mom on Guard

Research ID 251 · Insects & Arachnids

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Fact 272 · A Nursery Made of Dung

Research ID 252 · Insects & Arachnids

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Fact 273 · Flattened the Other Way

Research ID 254 · Insects & Arachnids

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Fact 274 · The Ant That Is a Wasp

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Fact 275 · Eyes Painted on Wings

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Fact 276 · Not a Tiny Round Ladybug

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Fact 277 · Two Kinds of Legs

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

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Fact 279 · Babies on a Spider's Back

Research ID 258 · Insects & Arachnids

B258-1 · Missouri Department of Conservation (n.d.) Wolf Spiders.

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Fact 280 · Jumping with Its Jaws

Research ID 259 · Insects & Arachnids

B259-1 · Larabee, F. J., & Suarez, A. V (2015) Mandible-Powered Escape Jumps in Trap-Jaw Ants Increase Survival Rates during Predator-Prey Encounters.

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Fact 281 · Watching Above and Below

Research ID 260 · Insects & Arachnids

B260-1 · Missouri Department of Conservation (n.d.) Whirligig Beetles.

<https://mdc.mo.gov/discover-nature/field-guide/whirligig-beetles>

Fact 282 · Eggs on Little Stalks

Research ID 352 · Insects & Arachnids

B352-1 · University of California Statewide IPM Program (n.d.) Green Lacewings / Natural Enemies Gallery / UC Statewide IPM Program (UC IPM). <https://ipm.ucanr.edu/natural-enemies/green-lacewings/>

Fact 283 · Growing Up Without Another Meal

Research ID 353 · Insects & Arachnids

B353-1 · Minnesota Department of Natural Resources (n.d.) Mayfly.

<https://www.dnr.state.mn.us/minnaqua/speciesprofile/mayfly.html>

Fact 284 · Tiny Glasses for a Mantis

Research ID 354 · Insects & Arachnids

S354-1 · Vivek Nityananda; Ghaith Tarawneh; Sid Henriksen; Diana Umeton; Adam Simmons; Jenny C. A. Read (2018-02-08 online; 2018-02-19 issue 28(4), 588–593.e4) A Novel Form of Stereo Vision in the Praying Mantis Current Biology; Elsevier. <https://viveknityananda.com/wp-content/uploads/2019/04/nityananda-et-al.-2018-a-novel-form-of-stereo-vision-in-the-praying-mantis.pdf> DOI: 10.1016/j.cub.2018.01.012

S354-2 · Newcastle University Press Office (2018-02-08) New form of 3D vision discovered in praying mantis Newcastle University.

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Fact 285 · Protective Wing Covers

Research ID 355 · Insects & Arachnids

B355-1 · San Diego Zoo Wildlife Alliance (n.d.) Beetle. <https://animals.sandiegozoo.org/animals/beetle>

Fact 286 · A Nectar Carrying Pouch

Research ID 356 · Insects & Arachnids

B356-1 · Arizona State University, Ask A Biologist (n.d.) Honey bee anatomy.

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 287 · Legs in Repeating Pairs

Research ID 360 · Insects & Arachnids

B360-1 · San Diego Zoo Wildlife Alliance (n.d.) Giant African Millipede.

<https://animals.sandiegozoo.org/animals/giant-african-millipede>

Fact 288 · Long Legs, No Silk

Research ID 357 · Insects & Arachnids

B357-1 · Hahn, J (n.d.) Harvestmen.

<https://apps.extension.umn.edu/garden/diagnose/insect/general-curiosity-insects/relatives/small/harvestmen.html>

Fact 289 · A Tiny Insect Hitchhiker

Research ID 358 · Insects & Arachnids

B358-1 · University of Minnesota Extension (n.d.) Pseudoscorpions.

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Fact 290 · Barbs in a Tick's Mouth

Research ID 359 · Insects & Arachnids

B359-1 · Breedlove, B (2023-01) Up Close with Ticks. https://wwwnc.cdc.gov/eid/article/29/1/ac-2901_article

Fact 291 · Five Eyes on a Bee

Research ID 453 · Insects & Arachnids

B453-1 · Ellis, J. D., Hammond, M., Vu, A., Bammer, M., Helton, E., Henry, K., & Sullivan, J (n.d.) Welcome to the Hive! Honey Bee 4-H Project Book. <https://ask.ifas.ufl.edu/publication/4H419>

Fact 292 · Air Tubes Inside an Insect

Research ID 451 · Insects & Arachnids

B451-1 · North Carolina State University, General Entomology (n.d.) Respiratory System – ENT 425 – General Entomology. <https://genent.cals.ncsu.edu/bug-bytes/respiratory-system/>

Fact 293 · Wings Folded at Rest

Research ID 452 · Insects & Arachnids

B452-1 · Minnesota Department of Natural Resources (n.d.) Damsels and Dragons — Teachers Guide. https://files.dnr.state.mn.us/mcvmagazine/young_naturalists/young-naturalists-studyguides/damselsdragons_studyguide.pdf

Fact 294 · Digesting Food Before Sucking It Up

Research ID 454 · Insects & Arachnids

B454-1 · Mississippi State University Extension (2023) Wheel Bug, Vol.

<https://www.extension.msstate.edu/newsletters/bugs-eye-view/2023/wheel-bug-vol-9-no-18>

Fact 295 · A Nest Made of Ants

Research ID 455 · Insects & Arachnids

B455-1 · San Diego Zoo Wildlife Alliance (n.d.) Ant | San Diego Zoo Animals & Plants.

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Fact 296 · Eggs That Ants Carry Away

Research ID 457 · Insects & Arachnids

B457-1 · Australian Museum (n.d.) Leaf and Stick Insects: Order Phasmatodea - The Australian Museum.

<https://australian.museum/learn/animals/insects/leaf-and-stick-insects-order-phasmatodea/>

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 297 · A Chemical Message to a Mate

Research ID 456 · Insects & Arachnids

B456-1 · Katie Clay (2001) *Bombyx mori* Animal Diversity Web, University of Michigan.

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Fact 298 · A Drone Without a Father

Research ID 458 · Insects & Arachnids

B458-1 · Penn State Extension (n.d.) Honey Bee Genetics Basics.

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Fact 299 · Scorpions Begin as Live Young

Research ID 459 · Insects & Arachnids

B459-1 · San Diego Zoo Wildlife Alliance (n.d.) Scorpion | San Diego Zoo Animals & Plants.

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Fact 300 · A Fly in a Bee's Outfit

Research ID 460 · Insects & Arachnids

B460-1 · Finn, E. M (n.d.) Robber Flies, Asilidae (Insecta: Diptera: Asilidae). <https://ask.ifas.ufl.edu/publication/IN557>

Fact 301 · Sunlight Through a Partner

Research ID 064 · Ocean Animals

S064-1 · NOAA (updated 2026-09-23) What is Zooxanthellae? NOAA National Ocean Service.

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Fact 302 · Twist the Lid, Get the Crab

Research ID 061 · Ocean Animals

S061-1 · Monterey Bay Aquarium (n.d.) Animal training and enrichment Monterey Bay Aquarium.

<https://www.montereybayaquarium.org/about-us/stories/animal-training-enrichment>

Fact 303 · Water In, Jet Out

Research ID 062 · Ocean Animals

B062-1 · Smithsonian Ocean (n.d.) Cephalopods: Octopus, Squid, Cuttlefish, and Nautilus.

<https://ocean.si.edu/ocean-life/invertebrates/octopuses-squids-and-relatives>

Fact 304 · The Stomach Comes Out First

Research ID 063 · Ocean Animals

B063-1 · Monterey Bay Aquarium (n.d.) Bat star.

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Fact 305 · Why the Blood Is Blue

Research ID 067 · Ocean Animals

S067-1 · Andreas G. Martin; Frank Depoix; Michael Stohr; Ulrich Meissner; Silke Hagner-Holler; Kada Hammouti; Thorsten Burmester; Jochen Heyd; Willy Wriggers; Jürgen Markl (2007-03-02 issue; 2006-12-01 online) *Limulus polyphemus* Hemocyanin: 10 Å Cryo-EM Structure, Sequence Analysis, Molecular Modelling and Rigid-body Fitting Reveal the Interfaces Between the Eight Hexamers *Journal of Molecular Biology*; Elsevier.

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Fact 306 · An Animal's Glasslike Frame

Research ID 065 · Ocean Animals

B065-1 · NOAA National Ocean Service (n.d.) What is a glass sponge?.

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 307 · A Meal Without a Mouth

Research ID 066 · Ocean Animals

S066-1 · Kristen M. Kusek (2007-01-12) Deep-sea Tubeworms Get Versatile 'Inside' Help Oceanus; Woods Hole Oceanographic Institution. <https://www.whoi.edu/oceanus/feature/deep-sea-tubeworms-get-versatile-inside-help/>

Fact 308 · Time for a Roomier Shell

Research ID 068 · Ocean Animals

B068-1 · Monterey Bay Aquarium (n.d.) Hermit Crab.

<https://www.montereybayaquarium.org/animals-the-ocean/animals-a-to-z/hermit-crab>

Fact 309 · Before the Jelly Floats

Research ID 069 · Ocean Animals

B069-1 · Monterey Bay Aquarium (n.d.) Moon jelly.

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Fact 310 · A Crab That Lives on Land

Research ID 163 · Ocean Animals

B163-1 · Osterloff, E (n.d.) Coconut crabs: the bird-eating behemoths thriving on isolated tropical islands.

<https://www.nhm.ac.uk/discover/coconut-crabs-bird-eating-giants-on-tropical-islands.html>

Fact 311 · Breathing Through the Rear

Research ID 070 · Ocean Animals

B070-1 · Monterey Bay Aquarium (n.d.) Warty sea cucumber.

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Fact 312 · Floating with a Hidden Shell

Research ID 161 · Ocean Animals

B161-1 · Monterey Bay Aquarium (n.d.) Common cuttlefish.

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Fact 313 · Adding Rooms to a Shell

Research ID 162 · Ocean Animals

B162-1 · Monterey Bay Aquarium (n.d.) Chambered nautilus.

<https://www.montereybayaquarium.org/animals/animals-a-to-z/chambered-nautilus>

Fact 314 · A Mouth for Meals and Leftovers

Research ID 168 · Ocean Animals

B168-1 · Australian Museum (updated 2020-12-18) Schayer's Brittle Star.

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Fact 315 · Claws with Different Jobs

Research ID 164 · Ocean Animals

B164-1 · NOAA Fisheries (n.d.) American Lobster. <https://www.fisheries.noaa.gov/species/american-lobster>

Fact 316 · Threads That Hold a Mussel

Research ID 165 · Ocean Animals

B165-1 · Monterey Bay Aquarium (n.d.) California mussel.

<https://www.montereybayaquarium.org/animals/animals-a-to-z/california-mussel>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

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Research ID 166 · Ocean Animals

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Fact 318 · A Sand Dollar's Living Coat

Research ID 167 · Ocean Animals

B167-1 · Monterey Bay Aquarium (n.d.) Sand dollar.

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Fact 319 · A Slippery Defense

Research ID 170 · Ocean Animals

B170-1 · Monterey Bay Aquarium (n.d.) Pacific hagfish.

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Fact 320 · A Flower That Catches Dinner

Research ID 169 · Ocean Animals

B169-1 · Monterey Bay Aquarium (n.d.) Giant green anemone.

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Fact 321 · An Animal That Pumps Water

Research ID 261 · Ocean Animals

B261-1 · NOAA National Ocean Service (n.d.) What is a sponge?. <https://oceanservice.noaa.gov/facts/sponge.html>

Fact 322 · Living Links in a Chain

Research ID 262 · Ocean Animals

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<https://www.whoi.edu/oceanus/feature/tiny-drifters-massive-impact-salps-climate-carbon/>

Fact 323 · Purple Ink from a Sea Slug

Research ID 267 · Ocean Animals

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Fact 324 · A Net Made of Arms

Research ID 263 · Ocean Animals

B263-1 · Monterey Bay Aquarium (n.d.) Basket star.

<https://www.montereybayaquarium.org/animals-the-ocean/animals-a-to-z/basket-star>

Fact 325 · Passing Food Along

Research ID 264 · Ocean Animals

B264-1 · Monterey Bay Aquarium (n.d.) Purple sea urchin.

<https://www.montereybayaquarium.org/animals-the-ocean/animals-a-to-z/purple-sea-urchin>

Fact 326 · A Curtain of Eggs

Research ID 265 · Ocean Animals

B265-1 · Monterey Bay Aquarium (n.d.) Giant Pacific octopus.

<https://www.montereybayaquarium.org/animals-the-ocean/animals-a-to-z/giant-pacific-octopus>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 327 · This Vampire Eats Ocean Snow

Research ID 266 · Ocean Animals

B266-1 · Monterey Bay Aquarium Research Institute (n.d.) Vampire squid.

<https://www.mbari.org/animal/vampire-squid/>

Fact 328 · Walking with Water Power

Research ID 269 · Ocean Animals

B269-1 · Monterey Bay Aquarium (n.d.) Bat star.

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Fact 329 · A Colony Working as One

Research ID 268 · Ocean Animals

B268-1 · NOAA National Ocean Service (n.d.) What is a Portuguese Man o' War?.

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Fact 330 · Rainbows from Moving Combs

Research ID 270 · Ocean Animals

B270-1 · The Ocean Portal Team (n.d.) Jellyfish and Comb Jellies.

<https://ocean.si.edu/ocean-life/invertebrates/jellyfish-and-comb-jellies>

Fact 331 · Gills That Catch a Meal

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Fact 332 · A Crab with Rear Paddles

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Fact 333 · Useful Holes in a Shell

Research ID 362 · Ocean Animals

B362-1 · Monterey Bay Aquarium (n.d.) Abalone.

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Fact 334 · A Limpet's Home Base

Research ID 363 · Ocean Animals

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Fact 335 · A Shell That Changes Its Growth

Research ID 364 · Ocean Animals

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Fact 336 · A Worm's Colorful Crowns

Research ID 365 · Ocean Animals

B365-1 · NOAA (n.d.) What are Christmas tree worms?. <https://oceanservice.noaa.gov/facts/xmas-tree.html>

Fact 337 · Head Down, Feet Up

Research ID 368 · Ocean Animals

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 338 · An Animal Can Make a Pearl

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Fact 339 · Swimming Upside Down

Research ID 369 · Ocean Animals

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Fact 340 · Tiny Builders of a Reef

Research ID 370 · Ocean Animals

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Fact 341 · A Pupil Shaped Like a W

Research ID 464 · Ocean Animals

B464-1 · Smithsonian Ocean (n.d.) Cuttlefish. <https://ocean.si.edu/ocean-life/invertebrates/octopus-eyes>

Fact 342 · Escaping While Organs Grow Back

Research ID 461 · Ocean Animals

B461-1 · Aquarium of the Pacific, Online Learning Center (n.d.) Johnsons Sea Cucumber | Online Learning Center | Aquarium of the Pacific. https://www.aquariumofpacific.org/onlinelearningcenter/species/johnsons_sea_cucumber

Fact 343 · Swimming by Clapping a Shell

Research ID 462 · Ocean Animals

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<https://www.fisheries.noaa.gov/national/outreach-and-education/fun-facts-about-intriguing-invertebrates>

Fact 344 · Three Hearts with Different Jobs

Research ID 463 · Ocean Animals

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Fact 345 · A Squid's Scraping Tongue

Research ID 465 · Ocean Animals

B465-1 · Smithsonian Ocean (n.d.) Giant squid. <https://ocean.si.edu/ocean-life/invertebrates/giant-squid>

Fact 346 · Digestive Parts Inside the Legs

Research ID 470 · Ocean Animals

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Fact 347 · Teeth That Sharpen as They Wear

Research ID 466 · Ocean Animals

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

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Fact 348 · A Large Body Through a Small Gap

Research ID 467 · Ocean Animals

B467-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) New Giant Pacific Octopus at Smithsonian's National Zoo Needs a Name.

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Fact 349 · Nerves in a Network

Research ID 468 · Ocean Animals

B468-1 · Smithsonian Ocean (n.d.) Jellyfish. <https://ocean.si.edu/ocean-life/invertebrates/jellyfish-and-comb-jellies>

Fact 350 · One Anemone Becomes Two

Research ID 469 · Ocean Animals

B469-1 · Monterey Bay Aquarium (n.d.) Sea anemones.

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Fact 351 · Warm Prey in the Dark

Research ID 072 · Animal Senses & Superpowers

S072-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Northern copperhead Smithsonian's National Zoo and Conservation Biology Institute. <https://nationalzoo.si.edu/animals/northern-copperhead>

Fact 352 · Ears That Do Not Line Up

Research ID 071 · Animal Senses & Superpowers

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Fact 353 · Finding Food with Echoes

Research ID 073 · Animal Senses & Superpowers

B073-1 · NOAA Fisheries (n.d.) Common Bottlenose Dolphin.

<https://www.fisheries.noaa.gov/species/common-bottlenose-dolphin>

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Fact 354 · The Low Notes of a Rumble

Research ID 074 · Animal Senses & Superpowers

B074-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Asian elephant.

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Fact 355 · A Nose Built for Touch

Research ID 078 · Animal Senses & Superpowers

B078-1 · Kenneth C. Catania Lab, Vanderbilt University (n.d.) Star-Nosed Mole.

<https://wp0.vanderbilt.edu/catania/lab/research/star-nosed-mole/>

Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 356 · A Bill with Electrical Sensors

Research ID 075 · Animal Senses & Superpowers

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Fact 357 · Light Beyond Human Vision

Research ID 076 · Animal Senses & Superpowers

S076-1 · Christopher Hogg; Magella Neveu; Karl-Arne Stokkan; Lars Folkow; Phillipa Cottrill; Ronald Douglas; David M. Hunt; Glen Jeffery (2011-06; 214(12), 2014–2019) Arctic reindeer extend their visual range into the ultraviolet Journal of Experimental Biology; The Company of Biologists.

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Fact 358 · A Trail Felt by Whiskers

Research ID 077 · Animal Senses & Superpowers

S077-1 · S. Wieskotten; G. Dehnhardt; B. Mauck; L. Miersch; W. Hanke (2010-11-01; 213(21), 3734–3740) The impact of glide phases on the trackability of hydrodynamic trails in harbour seals (*Phoca vitulina*) Journal of Experimental Biology; The Company of Biologists.

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Fact 359 · Hearing the Hunter Approach

Research ID 079 · Animal Senses & Superpowers

S079-1 · Florida Museum of Natural History (updated 2020-05-14; original date unknown) Butterflies and plants evolved in sync, but moth 'ears' predated bats Florida Museum of Natural History, University of Florida.

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Fact 360 · A Foot That Holds Tight

Research ID 172 · Animal Senses & Superpowers

B172-1 · NOAA Fisheries (n.d.) Black Abalone. <https://www.fisheries.noaa.gov/species/black-abalone>

Fact 361 · Steering by the Milky Way

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Fact 362 · Tasting with the Whiskers

Research ID 171 · Animal Senses & Superpowers

B171-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Channel catfish.

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

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Fact 364 · A Snap from a Collapsing Bubble

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Fact 365 · A Spring-Loaded Strike

Research ID 175 · Animal Senses & Superpowers

B175-1 · Sanders, R (2004-04-21) Mantis shrimp may have swiftest kick in the animal kingdom.

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Fact 366 · Paddles for Digging

Research ID 176 · Animal Senses & Superpowers

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Fact 367 · Looking through a Clear Head

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B178-1 · Liu, L. G.; Clark, C. J (2025) Acoustics of rubbing feathers: the velvet of owl feathers reduces frictional noise. <https://pmc.ncbi.nlm.nih.gov/articles/PMC11832125/> DOI: 10.1242/jeb.246234

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B179-1 · NOAA Fisheries (n.d.) Narwhal. <https://www.fisheries.noaa.gov/species/narwhal>

Fact 370 · An Eye on Either Side

Research ID 180 · Animal Senses & Superpowers

B180-1 · San Diego Zoo Wildlife Alliance (n.d.) Chameleon. <https://animals.sandiegozoo.org/animals/chameleon>

Fact 371 · A Warning Through the Ground

Research ID 271 · Animal Senses & Superpowers

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Fact 372 · Clocks in the Antennae

Research ID 272 · Animal Senses & Superpowers

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<https://www.umassmed.edu/globalassets/reppert-lab/publications/natcomm2012.pdf> DOI: 10.1038/ncomms1965

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

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Research ID 277 · Animal Senses & Superpowers

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Fact 374 · Light Sensors at the Arm Tips

Research ID 273 · Animal Senses & Superpowers

B273-1 · Monterey Bay Aquarium (n.d.) Bat star.

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Fact 375 · One Fish, Different Eyes

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Fact 376 · Warmer Than the Water

Research ID 275 · Animal Senses & Superpowers

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<https://www.floridamuseum.ufl.edu/discover-fish/species-profiles/white-shark/>

Fact 377 · A Whistle with an Identity

Research ID 276 · Animal Senses & Superpowers

S276-1 · Stephanie L. King; Vincent M. Janik (2013; 110(32), 13216–13221) Bottlenose dolphins can use learned vocal labels to address each other Proceedings of the National Academy of Sciences; National Academy of Sciences. <https://pmc.ncbi.nlm.nih.gov/articles/PMC3740840/> DOI: 10.1073/pnas.1304459110

Fact 378 · Cracking an Egg from Inside

Research ID 371 · Animal Senses & Superpowers

B371-1 · San Diego Zoo Wildlife Alliance (n.d.) Snake. <https://animals.sandiegozoo.org/animals/snake>

Fact 379 · Spit That Changes Its Flow

Research ID 278 · Animal Senses & Superpowers

B278-1 · Noel, A. C., Guo, H.-Y., Mandica, M., & Hu, D. L (2017) Frogs use a viscoelastic tongue and non-Newtonian saliva to catch prey. <https://hu.gatech.edu/wp-content/uploads/2017/02/Hu17-frog.pdf> DOI: 10.1098/rsif.2016.0764

Fact 380 · Pause Until Water Returns

Research ID 279 · Animal Senses & Superpowers

B279-1 · Spence, K (n.d.) Life in Earth's most extreme environments.

<https://www.nhm.ac.uk/discover/life-in-earths-most-extreme-environments.html>

Fact 381 · Color Patches That Stretch

Research ID 280 · Animal Senses & Superpowers

B280-1 · Monterey Bay Aquarium (n.d.) Giant Pacific octopus.

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Fact 382 · Cooling Down with Droppings

Research ID 376 · Animal Senses & Superpowers

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Fact 383 · A Shark's Changing Pupils

Research ID 372 · Animal Senses & Superpowers

B372-1 · Florida Museum of Natural History (n.d.) Sharks FAQ.

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Fact 384 · Mirrors Inside an Eye

Research ID 373 · Animal Senses & Superpowers

S373-1 · Benjamin A. Palmer; Gavin J. Taylor; Vlad Brumfeld; Dvir Gur; Michal Shemesh; Nadav Elad; Aya Osherov; Dan Oron; Steve Weiner; Lia Addadi (2017-12-01; 358(6367), 1172–1175) The image-forming mirror in the eye of the scallop Science; AAAS. <https://weizmann-researchmanagement.esploro.exlibrisgroup.com/esploro/outputs/journalArticle/The-image-forming-mirror-in-the-eye/993267360203596> DOI: 10.1126/science.aam9506

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Research ID 374 · Animal Senses & Superpowers

B374-1 · Rößler, D. C., Kim, K., De Agrò, M., Jordan, A., Galizia, C. G., & Shamble, P. S (2022) Regularly occurring bouts of retinal movements suggest an REM sleep–like state in jumping spiders.

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Fact 387 · Ears for a Desert Night

Research ID 377 · Animal Senses & Superpowers

B377-1 · San Diego Zoo Wildlife Alliance (n.d.) Fennec Fox. <https://animals.sandiegozoo.org/animals/fennec-fox>

Fact 388 · Wings Covered in Tiny Scales

Research ID 378 · Animal Senses & Superpowers

B378-1 · Florida Museum of Natural History (n.d.) Butterfly Rainforest Educators Guide.

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Research ID 379 · Animal Senses & Superpowers

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 390 · Air in an Otter's Coat

Research ID 380 · Animal Senses & Superpowers

B380-1 · Monterey Bay Aquarium (n.d.) Sea otter.

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Fact 391 · A Different Way to See Color

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Fact 392 · Lifting Water with a Tongue

Research ID 472 · Animal Senses & Superpowers

S472-1 · Sean Gart; John J. Socha; Pavlos P. Vlachos; Sunghwan Jung (2015; 112(52), 15798–15802) Dogs lap using acceleration-driven open pumping Proceedings of the National Academy of Sciences; National Academy of Sciences. https://www.thesochalab.org/_files/ugd/fcf203_7e79a5fd1f3e43c290df28042bf0ad8f.pdf DOI: 10.1073/pnas.1514842112

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B474-1 · SeaWorld, Animals All About (n.d.) All About Bottlenose Dolphins - Senses | SeaWorld Parks & Entertainment. <https://seaworld.org/animals/all-about/bottlenose-dolphin/senses/>

Fact 395 · Feeling a Message in the Web

Research ID 475 · Animal Senses & Superpowers

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Fact 396 · Clicking Feet on a Reindeer

Research ID 477 · Animal Senses & Superpowers

B477-1 · San Diego Zoo Wildlife Alliance (n.d.) Reindeer (Caribou) | San Diego Zoo Animals & Plants.

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Fact 397 · A Squeeze That Stops Circulation

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B476-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Boa constrictor | Smithsonian's National Zoo and Conservation Biology Institute. <https://nationalzoo.si.edu/animals/boa-constrictor>

Fact 398 · Toothlike Scales Around an Eye

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Fact 400 · Flying Toward a Meeting Point

Research ID 480 · Animal Senses & Superpowers

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Fact 401 · A Rock at Dinner

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S081-1 · Monterey Bay Aquarium (n.d.) Sea otter Monterey Bay Aquarium. <https://www.montereybayaquarium.org/animals-the-ocean/animals-a-to-z/sea-otter>

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Research ID 082 · Strange Animal Behavior

B082-1 · Australian Museum (n.d.) Satin Bowerbird - The Australian Museum. <https://australian.museum/learn/animals/birds/satin-bowerbird/>

Fact 403 · A Circle Carved in Sand

Research ID 083 · Strange Animal Behavior

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Research ID 086 · Strange Animal Behavior

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Fact 407 · Some Monkeys Like a Winter Soak

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S088-1 · Australian Museum (updated 2026-06-30) Decorator Crab Australian Museum. <https://australian.museum/learn/animals/crustaceans/decorator-crab/>

Fact 409 · The Fish with a Cleaning Station

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Fact 411 · Spin to Bring Lunch Up

Research ID 090 · Strange Animal Behavior

B090-1 · Cornell Lab of Ornithology (n.d.) Wilson's Phalarope Foraging. <https://academy.allaboutbirds.org/wilsons-phalarope-foraging/>

Fact 412 · Dinner on Bent Legs

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Fact 413 · Paws That Open Things

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Fact 414 · A Scented Tail Signal

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Fact 416 · The Red Coating on a Hippo

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B186-1 · San Diego Zoo Wildlife Alliance (n.d.) Hippo. <https://animals.sandiegozoo.org/animals/hippo>

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Fact 421 · Scorpion Lessons for Pups

Research ID 281 · Strange Animal Behavior

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Fact 422 · A Net Made of Bubbles

Research ID 282 · Strange Animal Behavior

B282-1 · NOAA Fisheries (n.d.) Humpback Whale. <https://www.fisheries.noaa.gov/species/humpback-whale>

Fact 423 · Milk Without Being a Mammal

Research ID 287 · Strange Animal Behavior

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Fact 424 · A Tree Turned into a Pantry

Research ID 283 · Strange Animal Behavior

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Research ID 385 · Strange Animal Behavior

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Research ID 382 · Strange Animal Behavior

S382-1 · Reena H. Walker; Andrew J. King; J. Weldon McNutt; Neil R. Jordan (2017-09-06 online; 284(1862), 20170347) Sneeze to leave: African wild dogs (*Lycaon pictus*) use variable quorum thresholds facilitated by sneezes in collective decisions Proceedings of the Royal Society B; The Royal Society. <https://www.mun.ca/serg/sneeze.pdf> DOI: 10.1098/rspb.2017.0347

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500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 434 · Playing Catch in Midair

Research ID 383 · Strange Animal Behavior

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Fact 435 · Calling Before Hatching

Research ID 384 · Strange Animal Behavior

B384-1 · San Diego Zoo Wildlife Alliance (n.d.) Crocodilian. <https://animals.sandiegozoo.org/animals/crocodilian>

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Fact 437 · Standing Soon After Birth

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Research ID 387 · Strange Animal Behavior

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Fact 443 · Different Jobs During a Bee's Life

Research ID 483 · Strange Animal Behavior

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Fact 444 · Pushing Along the River Bottom

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Ferniboo Books · Scientific Sources

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Fact 445 · Tiny Animals in a Space Experiment

Research ID 485 · Strange Animal Behavior

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B485-2 · European Space Agency (n.d.) Tiny animals survive exposure to space. https://www.esa.int/Science_Exploration/Human_and_Robotic_Exploration/Research/Tiny_animals_survive_exposure_to_space

Fact 446 · Anemones Held in Two Claws

Research ID 488 · Strange Animal Behavior

B488-1 · Aquarium of the Pacific, Online Learning Center (n.d.) Pom Pom Crab | Online Learning Center | Aquarium of the Pacific. https://www.aquariumofpacific.org/onlinelearningcenter/species/pom_pom_crab

Fact 447 · A Beehive Meal Beyond Honey

Research ID 486 · Strange Animal Behavior

B486-1 · San Diego Zoo Wildlife Alliance (n.d.) Honey Badger (Ratel) | San Diego Zoo Animals & Plants. <https://animals.sandiegozoo.org/animals/honey-badger-ratel>

Fact 448 · Cold Weather Helps Store a Meal

Research ID 487 · Strange Animal Behavior

B487-1 · Liz Ballenger; Matthew Sygo; Vincent Patsy (2009) Gulo gulo Animal Diversity Web, University of Michigan. https://animaldiversity.org/accounts/Gulo_gulo/

Fact 449 · A Bird That Uses Fishing Bait

Research ID 489 · Strange Animal Behavior

B489-1 · Cornell Lab of Ornithology, All About Birds (n.d.) Green heron. https://www.allaboutbirds.org/guide/Green_Heron/overview

Fact 450 · A Sponge Carried on a Snout

Research ID 490 · Strange Animal Behavior

S490-1 · Eric M. Patterson; Janet Mann (2011-07-20; 6(7), e22243) The Ecological Conditions That Favor Tool Use and Innovation in Wild Bottlenose Dolphins (Tursiops sp.) PLOS ONE; Public Library of Science. <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0022243>

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Fact 451 · The Bird Too Big to Fly

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B094-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Ostrich. <https://nationalzoo.si.edu/animals/ostrich>

B094-2 · San Diego Zoo Wildlife Alliance (n.d.) Ostrich. <https://animals.sandiegozoo.org/animals/ostrich>

Fact 452 · The Biggest Living Body

Research ID 091 · Record-Breaking Animals

B091-1 · NOAA Fisheries (n.d.) Blue Whale. <https://www.fisheries.noaa.gov/species/blue-whale>

Ferniboo Books · Scientific Sources

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Fact 453 · Tall Enough for the Treetops

Research ID 092 · Record-Breaking Animals

B092-1 · San Diego Zoo Wildlife Alliance (n.d.) Giraffe. <https://animals.sandiegozoo.org/animals/giraffe>

B092-2 · Guinness World Records (n.d.) Tallest living animal.

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Fact 454 · Speed for a Short Chase

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B093-1 · Smithsonian's National Zoo and Conservation Biology Institute (n.d.) Cheetah.

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B093-2 · San Diego Zoo Wildlife Alliance (n.d.) Cheetah. <https://animals.sandiegozoo.org/animals/cheetah>

Fact 455 · The Record Is in the Dive

Research ID 095 · Record-Breaking Animals

B095-1 · U.S. National Park Service (n.d.) Peregrine Falcons - Arches National Park (U.S.

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Fact 456 · Smallest Bird, Stretchy Nest

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B100-1 · BirdLife International (n.d.) Hummingbird - BirdLife International.

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Fact 457 · The Widest Pair of Wings

Research ID 096 · Record-Breaking Animals

B096-1 · British Antarctic Survey (n.d.) Albatrosses from Space - British Antarctic Survey.

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B096-2 · Australian Museum (n.d.) Wandering Albatross - The Australian Museum.

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Fact 458 · A Shark, Despite Its Name

Research ID 097 · Record-Breaking Animals

B097-1 · NOAA National Ocean Service (n.d.) What is the biggest fish in the ocean?.

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Ferniboo Books · Scientific Sources

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Fact 459 · The Heaviest Living Reptile

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Fact 460 · The Turtle with a Leathery Shell

Research ID 099 · Record-Breaking Animals

B099-1 · NOAA Fisheries (n.d.) Leatherback Turtle. <https://www.fisheries.noaa.gov/species/leatherback-turtle>

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Research ID 194 · Animal Architecture

B194-1 · Missouri Department of Conservation (2012-05) Miscellany [Ask the Ombudsman].

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Fact 462 · A Whole Colony under One Roof

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Fact 463 · Sewing with Baby Ants

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Fact 466 · A Case That Travels

Research ID 195 · Animal Architecture

B195-1 · Missouri Department of Conservation (n.d.) Caddisfly Larvae.

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Ferniboo Books · Scientific Sources

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Fact 468 · Paper Made with Mouthfuls of Wood

Research ID 197 · Animal Architecture

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Fact 469 · A Nest with Stitched Leaves

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Research ID 200 · Animal Architecture

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Fact 471 · An Air Room Underwater

Research ID 291 · Animal Architecture

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Research ID 292 · Animal Architecture

B292-1 · Cornell Lab of Ornithology (n.d.) Great Crested Flycatcher Life History.

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Fact 473 · A Nest with Yearly Additions

Research ID 293 · Animal Architecture

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Fact 474 · A Tunnel Inside a Leaf

Research ID 296 · Animal Architecture

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Fact 475 · A Floating Nest with Anchors

Research ID 294 · Animal Architecture

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Fact 476 · Tunnels That Change the Soil

Research ID 295 · Animal Architecture

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Fact 477 · Leaf Circles for Baby Rooms

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Ferniboo Books · Scientific Sources

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Research ID 298 · Animal Architecture

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Fact 479 · A Compost-Powered Incubator

Research ID 299 · Animal Architecture

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Fact 483 · Mud Walls in a Bee Nursery

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Research ID 393 · Animal Architecture

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Ferniboo Books · Scientific Sources

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Fact 486 · Silk Nets in a Stream

Research ID 395 · Animal Architecture

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Fact 488 · A Door Beneath the Water

Research ID 398 · Animal Architecture

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B399-1 · San Diego Zoo Wildlife Alliance (n.d.) Prairie Dog. <https://animals.sandiegozoo.org/animals/prairie-dog>

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Ferniboo Books · Scientific Sources

500 Amazing Animal Facts for Curious Kids · Premium Interior v2 · Updated October 16, 2026

Fact 495 · A Burrow Door That Grows

Research ID 494 · Animal Architecture

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Fact 496 · Arranging Objects for a View

Research ID 496 · Animal Architecture

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