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Octopus vulgaris, *Journal of Experimental Marine Biology and Ecology*, 447: 100–105. Bibcode:2013JEMBE.447..100H. doi:10.1016/j.jembe.2013.02.016. ↧ Zullo, L., Sumbre, G.; Agnisola, C.; Flash, T.; Hochner, B. (2009). "Non-somatopic organization of the higher motor centers in Octopus". *Current Biology*. 19 (19): 1632–1636. Bibcode:2009CB...19..1632Z. doi:10.1016/j.cub.2009.07.067. PMID 19765993. S2CID 15852956. ↧ Petrosino, Giuseppe; Ponte, Giovanna; Volpe, Massimiliano; et al. (18 May 2022). "Identification of LINE retrotransposons and long non-coding RNAs expressed in the octopus brain". *BMC Biology*. 20 (1): 116. doi:10.1186/s12915-022-01303-5. PMC 9115989. PMID 35581640. S2CID 231777147. ↧ Kawamura, G.; et al. (2001). "Color Discrimination Conditioning in Two Octopus Octopus aegina and O vulgaris". *Nippon Suisan Gakkaishi*. 67 (1): 35–39. doi:10.2331/suisan.67.35. ↧ Kingston, Alexandra C. N.; Kuzirian, Alan M.; Hanlon, Roger T.; Cronin, Thomas W. (2015). "Visual phototransduction components in cephalopod chromatophores suggest dermal photoreception". *Journal of Experimental Biology*. 218 (10): 1596–1602. Bibcode:2015ExpB.218.1596K. doi:10.1242/jeb.117945. hdl:11603/13387. ISSN 1477-9145. PMC 4486664. PMID 25994635. ↧ Ramirez, M. Desmond; Oakley, Todd H. (2015). "Eye-independent, light-activated chromatophore expansion (LACE) and expression of phototransduction genes in the skin of Octopus bimaculoides". *Journal of Experimental Biology*. 218 (10): 1513–1520. Bibcode:2015ExpB.218.1513R. doi:10.1242/jeb.110908. ISSN 1477-9145. PMC 4448664. PMID 25994633. ↧ Stubbs, Alexander L.; Stubbs, Christopher W. (2016). "Spectral discrimination in color blind animals via chromatic aberration and pupil shape". *Proceedings of the National Academy of Sciences*. 113 (29): 8206–8211. Bibcode:2016PNAS..113.8206S. doi:10.1073/pnas.1524578113. ISSN 0027-8424. PMC 4961147. PMID 27382180. ↧ Hu, Marian Y.; Yan, Hong Young; Chung, Wen-Sung; Shiao, Jen-Chieh; Hwang, Pung-Pung (2009). "Acoustically evoked potentials in two cephalopods inferred using the auditory brainstem response (ABR) approach". *Comparative Biochemistry and Physiology Part A: Molecular & Integrative Physiology*. 153 (3): 278–283. doi:10.1016/j.cbpa.2009.02.040. ISSN 1095-6433. PMID 19275944. Archived from the original on 7 April 2022. Retrieved 13 March 2022. ↧ van Giesen, L. Kilian, P. B.; Allard, C. A. H.; Bellon, N. W. (2020). "Molecular basis of chemotactile sensation in Octopus". *Cell*. 183 (3): 594–604. doi:10.1016/j.cell.2020.09.008. PMC 7605239. PMID 33125889. ↧ Neshet, Nir; Levy, Guy; Grasso, Frank W.; Hochner, Binjamin (2014). "Self-Recognition Mechanism between Skin and Suckers Prevents Octopus Arms from Interfering with Each Other". *Current Biology*. 24 (11): 1271–1275. Bibcode:2014CBio...24.1271N. doi:10.1016/j.cub.2014.04.024. ISSN 0960-9822. PMID 24835454. S2CID 16140159. ↧ Gutnick, Tamara; Byrne, Ruth A.; Hochner, Binjamin; Kuba, Michael (2011). "Octopus vulgaris Uses Visual Information to Determine the Location of Its Arm". *Current Biology*. 21 (6): 460–462. Bibcode:2011CBio...21..460G. doi:10.1016/j.cub.2011.01.052. PMID 21396818. S2CID 10152089. ↧ Kennedy, E. B.; Lane; Buresch; Kendra, C.; Boinalpaly, Preethi; Hanlon, Roger T. (2020). "Octopus arms exhibit exceptional flexibility". *Scientific Reports*. 10 (1): 20872. doi:10.1038/s41598-020-77873-7. PMC 7704652. PMID 33257824. ↧ Derby, C. D. (2014). "Cephalopod Ink: Production, Chemistry, Functions and Applications". *Marine Drugs*. 12 (5): 2700–2730. doi:10.3390/md12052700. PMC 4052311. PMID 24824020. ↧ Wells, Martin J.; Wells, J. (1972). "Optic glands and the state of the testis in Octopus". *Marine Behaviour and Physiology*. 1 (1–4): 71–83. doi:10.1080/10236247209386890. ↧ a b c Carefoot, Thomas. "Octopuses and Relatives: Reproduction". A Snail's Odyssey. Archived from the original on 22 April 2017. Retrieved 11 April 2017. ↧ a b c "Giant Pacific Octopus (*Ecteroctopus dofleini*) Care Manual" (PDF). AZA (Association of Zoos and Aquariums) Aquatic Invertebrate Taxonomic Advisory Group in association with AZA Animal Welfare Committee. 9 September 2014. Retrieved 31 May 2016. ↧ Forsythe, J. W.; Hanlon, R. T. (1980). "A closed marine culture system for rearing Octopus joubini and other large-egged benthic octopods". *Laboratory Animals*. 14 (2): 137–142. doi:10.1258/002367780780947237. PMID 7341823. S2CID 19492476. ↧ Anderson, Roland C.; Wood, James B.; Byrne, Ruth A. (2002). "Octopus Senescence: The Beginning of the End". *Journal of Applied Animal Welfare Science*. 5 (4): 275–283. CiteSeerX 10.1.1.567.3108. doi:10.1016/j.cbpa.2009.02.040. ISSN 1095-6433. PMID 19275944. Archived from the original on 7 April 2022. Retrieved 15 March 2022. ↧ van Giesen, L. Kilian, P. B.; Allard, C. A. H.; Bellon, N. W. (2020). "Molecular basis of chemotactile sensation in Octopus". *Cell*. 183 (3): 594–604. doi:10.1016/j.cell.2020.09.008. PMC 7605239. PMID 33125889. ↧ Neshet, Nir; Levy, Guy; Grasso, Frank W.; Hochner, Binjamin (2014). "Self-Recognition Mechanism between Skin and Suckers Prevents Octopus Arms from Interfering with Each Other". *Current Biology*. 24 (11): 1271–1275. Bibcode:2014CBio...24.1271N. doi:10.1016/j.cub.2014.04.024. ISSN 0960-9822. PMID 24835454. S2CID 16140159. ↧ Gutnick, Tamara; Byrne, Ruth A.; Hochner, Binjamin; Kuba, Michael (2011). "Octopus vulgaris Uses Visual Information to Determine the Location of Its Arm". *Current Biology*. 21 (6): 460–462. Bibcode:2011CBio...21..460G. doi:10.1016/j.cub.2011.01.052. PMID 21396818. S2CID 10152089. ↧ Kennedy, E. B.; Lane; Buresch; Kendra, C.; Boinalpaly, Preethi; Hanlon, Roger T. (2020). "Octopus arms exhibit exceptional flexibility". *Scientific Reports*. 10 (1): 20872. doi:10.1038/s41598-020-77873-7. PMC 7704652. PMID 33257824. ↧ Derby, C. D. (2014). "Cephalopod Ink: Production, Chemistry, Functions and Applications". *Marine Drugs*. 12 (5): 2700–2730. doi:10.3390/md12052700. PMC 4052311. PMID 24824020. ↧ Wells, Martin J.; Wells, J. (1972). "Optic glands and the state of the testis in Octopus". *Marine Behaviour and Physiology*. 1 (1–4): 71–83. doi:10.1080/10236247209386890. ↧ a b c Carefoot, Thomas. "Octopuses and Relatives: Reproduction". A Snail's Odyssey. Archived from the original on 22 April 2017. Retrieved 11 April 2017. ↧ a b c "Giant Pacific Octopus (*Ecteroctopus dofleini*) Care Manual" (PDF). AZA (Association of Zoos and Aquariums) Aquatic Invertebrate Taxonomic Advisory Group in association with AZA Animal Welfare Committee. 9 September 2014. Retrieved 31 May 2016. ↧ Forsythe, J. W.; Hanlon, R. T. (1980). "A closed marine culture system for rearing Octopus joubini and other large-egged benthic octopods". *Laboratory Animals*. 14 (2): 137–142. doi:10.1258/002367780780947237. PMID 7341823. S2CID 19492476. ↧ Anderson, Roland C.; Wood, James B.; Byrne, Ruth A. (2002). "Octopus Senescence: The Beginning of the End". *Journal of Applied Animal Welfare Science*. 5 (4): 275–283. CiteSeerX 10.1.1.567.3108. doi:10.1016/j.cbpa.2009.02.040. ISSN 1095-6433. PMID 19275944. Archived from the original on 7 April 2022. Retrieved 15 March 2022. ↧ Wodinsky, Jerome (1977). "Hormonal Inhibition of Feeding and Death in Octopus: Control by Optic Gland Secretion". *Science*. 198 (4320): 948–951. Bibcode:1977Sci...198..948W. doi:10.1126/science.198.4320.948. S2CID 22649186. ↧ Norman, Mark (16 January 2013). "Ask an expert: Are there any freshwater cephalopods?". *ABC Science*. Retrieved 26 April 2017. ↧ Jamieson, A.J.; Vecchione, M. (2020). "First in situ observation of Cephalopoda at hadal depths (Octopoda: Opisthoteuthidae; Grimpotuthis sp.)". *Marine Biology*. 167 (82): 6027–6029. doi:10.1007/s00227-020-03701-1. ↧ Scheel, D.; et al. (2017). "A second site occupied by Octopus tetricus at high densities, with notes on their ecology and behavior". *Marine and Freshwater Behaviour and Physiology*. 50 (4): 285–291. Bibcode:2017MFBP...50..285S. doi:10.1080/108010262401271369851. S2CID 89738642. ↧ Rodaniche, Arcadio F. (1991). "Notes on the behavior of the Larger Pacific Striped Octopus, an undescribed species of the genus Octopus". *Bulletin of Marine Science*. 49: 667. ↧ Caldwell, Roy L.; Ross, Richard; Rodaniche, Arcadio; Huffard, Christine L. (2015). "Behavior and Body Patterns of the Larger Pacific Striped Octopus". *PLOS ONE*. 10 (8): e0134152. Bibcode:2015PLoSO...10.34152C. doi:10.1371/journal.pone.0134152. ISSN 1932-6203. PMC 4534201. PMID 26266543. ↧ Goldman, Jason G. (24 May 2012). "How do octopuses navigate?". *Scientific American*. 168 (4): 491–497. doi:10.1007/BF00199609. S2CID 41369931. Retrieved 8 June 2017. ↧ a b c Carefoot, Thomas. "Octopuses and Relatives: Feeding, diets and growth". A Snail's Odyssey. Archived from the original on 8 May 2017. Retrieved 13 April 2017. ↧ Sampaio, Eduardo; Seco, Marta Costa; Rosa, Rui; Gingins, Simon (18 December 2020). "Octopuses punch fishes during collaborative interspecific hunting events". *Ecology*. 102 (3). Ecological Society of America/Wiley Publishing: e03266. doi:10.1002/ece.3266. ISSN 0012-9658. PMID 33338268. ↧ a b c d Hanlon, R. T.; Messenger, J. B. (1998). *Cephalopod Behaviour (1st ed.)*. Cambridge University Press. ISBN 0-521-64583-2. ↧ Collins, Martin A.; Villanueva, Roger (2006). "Taxonomy, ecology and behaviour of the cirrate octopods". *Oceanography and Marine Biology: An Annual Review*. Vol. 44, pp. 277–322. doi:10.1201/9781420066391.ch6 (inactive 12 July 2025). ISBN 978-0-8493-7044-1. Retrieved 5 February 2024. {{cite book}}: CS1 maint: DOI inactive as of July 2025 (link) ↧ Carefoot, Thomas. "Octopuses and Relatives: Prey handling and drilling". A Snail's Odyssey. Archived from the original on 6 June 2017. Retrieved 21 April 2017. ↧ Johnsen, S.; Balsler, E. J.; Fisher, E. C.; Widder, E. A. (1999). "Bioluminescence in the deep-sea cirrate octopod *Stauroteuthis syrtensis* Verrill (Mollusca: Cephalopoda) (PDF). *The Biological Bulletin*. 197 (1): 26–39. doi:10.2307/1542994. JSTOR 1542994. PMID 2829499. Archived from the original (PDF) on 5 March 2011. ↧ a b c d Huffard, Christine L. (2006). "Locomotion by *Abdopus aculeatus* (Cephalopoda: Octopodidae): walking the line between arms and secondary defenses". *Journal of Experimental Biology*. 209 (Pt 19): 3697–3707. Bibcode:2006ExpB.209.3697H. doi:10.1242/jeb.02435. PMID 16985187. ↧ Huffard, C. L.; Boneka, F.; Full, R. J. (2005). "Underwater Bipedal Locomotion by Octopuses in Disguise". *Science*. 307 (5717): 1927. doi:10.1126/science.1109616. PMID 15790846. S2CID 21030132. ↧ a b Wood, J. B.; Anderson, R. C (2004). "Interspecific Feeding of Octopus Ecaup Octopus" (PDF). *Journal of Applied Animal Welfare Science*. 7 (2): 95–106. CiteSeerX 10.1.1.552.5888. doi:10.1207/s15327604jaws0702_2. PMID 15234886. S2CID 16639444. Retrieved 11 September 2015. ↧ a b Finn, J. K.; Tregenza, T.; Norman, M. D. (2009). "Defensive tool use in a coconut-carrying octopus". *Current Biology*. 19 (23): R1069–70. Bibcode:2009CBio...19R1069F. doi:10.1016/j.cub.2009.10.052. PMID 20064403. S2CID 26835945. ↧ a b Stewart, Doug (1997). "Armed but not dangerous: Is the octopus really the invertebrate intellect of the sea?". *National Wildlife*. 35 (2). ↧ Zarella, Iliana; Ponte, Giovanna; Baldascino, Elena; Fiorito, Graziano (2015). "Learning and memory in Octopus vulgaris: a case of biological plasticity". *Current Opinion in Neurobiology*. 35: 74–79. doi:10.1016/j.conb.2015.06.011. ISSN 0959-4388. PMID 26186237. S2CID 31682363. ↧ "Octopus intelligence: Jar opening". *BBC News*. 25 February 2003. Retrieved 4 February 2014. ↧ Mather, J. A.; Anderson, R. C. (1998). Wood, J. B. (ed.). "What behavior can we expect of octopuses?". *The Cephalopod Page*. Archived from the original on 5 October 2017. Retrieved 22 October 2006. ↧ Lee, Henry (1875). "V. The octopus out of water". *Aquarium Notes - The Octopus, or 'the devil-fish' of his fiction and of fact*. London: Chapman and Hall. pp. 36–39. OCLC 1544491. Retrieved 11 September 2015. The marauding rascal had occasionally issued from the water in his tank, and clambered up the rocks, and over the wall into the next one; there he had helped himself to a young lump-fish, and, having devoured it, returned demurely to his own quarters by the same route, with well-filled stomach and contented mind. ↧ Ainze Roy, Eleanor (14 April 2016). "The great escape: Inky the octopus legs it to freedom from aquarium". *The Guardian* (Australia). ↧ Henriques, Martha (25 July 2022). "The mysterious inner life of the octopus". *BBC*. Retrieved 29 July 2024. ↧ Meyers, Nadia. "Defenses from the Cryptic: The Common Atlantic Octopus". *Southeastern Regional Taxonomic Centre*. Archived from the original on 5 March 2022. Retrieved 27 July 2006. ↧ Sonner, Sofie C.; Onthank, Kirt L. (2024). "High energetic cost of color change in octopuses". *Proceedings of the National Academy of Sciences*. 121 (48): e2408386121. Bibcode:2024PNAS..12108386S. doi:10.1073/pnas.2408386121. ISSN 0027-8424. PMC 11621519. PMID 39556731. ↧ Hanlon, R. T.; Messenger, J. B. (2018). *Cephalopod Behaviour (2nd ed.)*. Cambridge University Press. pp. 110–111. ISBN 978-0521897853. ↧ a b Carefoot, Thomas. "Octopuses and Relatives: Predators and Defenses". A Snail's Odyssey. Archived from the original on 21 April 2017. Retrieved 13 April 2017. ↧ Mätgher, L. M.; Bell, G. R.; Kuzirian, A. M.; Allen, J. J.; Hanlon, R. T. (2012). "How does the blue-ringed octopus (*Hapalochlaena lunulata*) flash its blue rings?". *Journal of Experimental Biology*. 215 (21): 3752–3757. Bibcode:2012ExpB.215.3752M. doi:10.1242/jeb.076869. PMID 23055367. ↧ Caldwell, R. L. (2005). "An Observation of Inking Behavior Protecting Adult Octopus hocki from Predation by Green Turtle (*Chelonia mydas*) Hatchlings" (PDF). *Pacific Science*. 59 (1): 69–72. doi:10.1353/psc.2005.0004. hdl:10125/24161. S2CID 54223984. ↧ Norman, M. D.; Finn, J.; Tregenza, T. (2001). "Dynamic mimicry in an Indo-Malayan octopus" (PDF). *Proceedings of the Royal Society*. 268 (1478): 1755–8. doi:10.1098/rspb.2001.1708. PMC 1088805. PMID 11522192. Archived from the original (PDF) on 10 February 2012. Retrieved 1 October 2008. ↧ Norman, M. D. (2005). "The 'Mimic Octopus' (*Thaumoctopus mimicus* n. gen. et sp. n.), a new octopus from the tropical Indo-West Pacific (Cephalopoda: Octopodidae)". *Molluscan Research*. 25 (2): 57–70. doi:10.11646/mr.25.2.1. S2CID 260016769. ↧ Pascal, Santiago Gestal, Camino; Esteve, J.; Arias, Christian Andrés (1996). "Parasites in commercially-exploited cephalopods (Mollusca, Cephalopoda) in Spain: An updated perspective". *Staurteuthis syrtensis* Verrill (Mollusca: Cephalopoda) (PDF). *The Biological Bulletin*. 197 (1): 26–39. doi:10.2307/1542994. JSTOR 1542994. PMID 2829499. Archived from the original (PDF) on 5 March 2011. ↧ a b c d Huffard, Christine L. (2006). "Locomotion by *Abdopus aculeatus* (Cephalopoda: Octopodidae): walking the line between arms and immune response of cephalopods". *Journal of Experimental Marine Biology and Ecology*. 447: 14–22. Bibcode:2013JEMBE.447..14C. doi:10.1016/j.jembe.2013.02.007. ↧ Farto, R.; Armada, S. P.; Montes, M.; Guisande, A. A.; Pérez, M. J.; Nieto, T. P. (2003). "Vibrio lensus associated with diseased wild octopus (*Octopus vulgaris*)". *Journal of Invertebrate Pathology*. 83 (2): 149–156. Bibcode:2003JInVP...83..149F. doi:10.1016/S0022-2011(03)00067-3. PMID 12788284. ↧ Gofas, S. (2009). "Octopoda". *WoRMS*. World Register of Marine Species. Retrieved 5 May 2017. ↧ Boyle, P.; Rohduse, P. (2008). *Cephalopods: Ecology and Fisheries*. Wiley. p. 72. ISBN 9781405154455. ↧ a b Sanchez, Gustavo; Setiamarga, Davin H. E.; Tuanapaya, Surangkana; Tongtherm, Kittichai; Winkelmann, Inger E.; Schmidbauer, Hannah; Umino, Tetsuo; Staines, Albertin; Caroline; Alcock, Louise; Perales-Raya, Catalina; Gleadall, Ian; Struggnell, Jan M.; Simakov, Oleg; Nabhitabhata, Jaruwat (2018). "Genus-level phylogeny of cephalopods using molecular markers: current status and problematic areas". *PeerJ*. 6 e4331. doi:10.7717/peerj.4331. PMC 5813590. PMID 29456885. ↧ Fuchs, D.; Ifrim, C.; Stinesbeck, W. (2008). "A new Palaeotopus (Cephalopoda: Coleoidea) from the Late Cretaceous of Vallecillo, north-eastern Mexico, and implications for the evolution of Octopoda". *Palaeontology*. 51 (5): 1129–1139. Bibcode:2008Palgy...51..1129F. doi:10.1111/j.1475-4983.2008.00797.x. ↧ a b c Fuchs, Dirk; Iba, Yasuhiko; Heyng, Alexander; Iijima, Masaya; Klug, Christian; Larson, Neal L.; Schweigert, Günter; Brayard, Armand (2019). "The Muensterelloidea: phylogeny and character evolution of Mesozoic stem octopods". *Papers in Palaeontology*. 6 (1): 31–92. doi:10.1002/spp2.1254. ISSN 2056-2802. S2CID 198256507. ↧ a b c Kröger, Björn; Vinther, Jakob; Fuchs, Dirk (2011). "Cephalopod origin and evolution: A congruent picture emerging from fossils, development and molecules". *BioEssays*. 33 (6): 602–613. doi:10.1002/bies.201100001. ISSN 0265-9247. PMID 21681989. S2CID 2767810. ↧ Fuchs, Dirk; Schweigert, Günter (2018). "First Middle–Late Jurassic gladius: new evidence on the detailed origin of incirrate and cirrate octopuses (Coleoidea)". *PalZ*. 92 (2): 203–217. Bibcode:2018PalZ...92..203F. doi:10.1007/s12542-017-0309-8. PMID 29354479. ↧ A Broad Brush History of the Cephalopoda". *The Cephalopod Group*. Archived from the original on 16 July 2018. Retrieved 27 March 2017. ↧ Young, R. E.; Vecchione, M.; Mangold, K. M. (1999). "Cephalopoda Glossary". *Tree of Life web project*. Retrieved 30 May 2017. ↧ Nödl, M.; Fossati, S. M.; Domingues, P.; Sánchez, F. J.; Zullo, L. (2015). "The making of an octopus arm". *EvoDevo*. 6 19. doi:10.1186/s13227-015-0012-8. PMC 4458049. PMID 26052417. ↧ Seibel, B. "Vampyroteuthis infernalis, Deep-sea Vampire squid". *The Cephalopod Page*. Archived from the original on 16 July 2018. Retrieved 31 May 2017. ↧ Ibañez, Christian M.; Fenwick, Mark; Ritchie, Peter A.; Carrasco, Sergio A.; Pardo-Gandarillas, M. Cecilia (2020). "Systematics and Phylogenetic Relationships of New Zealand Benthic Octopuses (Cephalopoda: Octopodoidea)". *Frontiers in Marine Science*. 7: 182. Bibcode:2020FrmAS...7..182I. doi:10.3389/fmars.2020.00182. ISSN 2296-7476. ↧ Liscovitch-Brauer, N.; Alon, S.; Porath, H. T.; Elstein, B.; Unger, R.; Ziv, T.; Admon, A.; Levanon, E. Y.; Rosenthal, J. J. C.; Eisenberg, E. (2017). "Trade-off between transcriptome plasticity and genome evolution in cephalopods". *Cell*. 169 (2): 191–202. doi:10.1016/j.cell.2017.03.025. PMC 5499236. PMID 28388405. ↧ a b c Schweid, R. (2013). *Octopus*. Reaktion Books. ISBN 978-1-78023-177-8. ↧ Srinivasan, A. (2017). "The Sucker, the Sucker! [Review]" (PDF). *London Review of Books*. 39 (17): 23–25. ↧ Ross, Philip (18 February 2014). "8-Foot Octopus Wrestles Diver Off California Coast, Rare Encounter Caught on Camera". *International Business Times*. ↧ "Eight Strange and Wonderful Facts About Octopuses". *Shedd Aquarium*. 6 September 2023. Retrieved 4 April 2025. ↧ "Blue-ringed Octopuses, Hapalochlaena maculosa". *The MarineBio Conservation Society*. Archived from the original on 24 May 2012. Retrieved 12 April 2017. ↧ Caldwell, Roy. "What makes blue-rings so deadly? Blue-ringed octopus have tetrodotoxin". *The Cephalopod Page*. Archived from the original on 18 July 2018. Retrieved 12 April 2017. ↧ a b Gillespie, G. E.; Parker, G.; Morrison, J. (1998). "A Review of Octopus Fisheries Biology and British Columbia Octopus Fisheries" (PDF). *Canadian Stock Assessment Secretariat*. ↧ Rochiffe, S.; Harris, A. (2016). "The status of octopus fisheries in the Western Indian Ocean". *Review*. Retrieved 18 June 2017. ↧ Sauer, Warwick H. H.; Gleadall, Ian G.; et al. (6 December 2019). "World Octopus Fisheries". *Reviews in Fisheries Science & Aquaculture*. 29 (3). Taylor & Francis: 279–429. doi:10.1080/23308249.2019.1686063. hdl:10261/227068. ISSN 2330-8249. S2CID 10266167. ↧ "The world's first octopus farm - should it go ahead?". *BBC News*. 19 December 2021. Retrieved 10 June 2025. ↧ "World's first octopus farm proposals alarm scientists". *BBC News*. 15 March 2023. Retrieved 10 June 2025. ↧ "Giant Pacific octopus". *Monterey Bay Aquarium*. 2017. Archived from the original on 4 July 2018. Retrieved 1 August 2015. ↧ Eriksen, L. (10 November 2010). "Live and let dine". *The Guardian*. Retrieved 15 April 2015. ↧ Killingsworth, Silvia (3 October 2014). "Why not eat octopus?". *The New Yorker*. Retrieved 15 April 2016. ↧ Dodgson, Lindsay (11 May 2019). "Here's why eating a live octopus can be deadly". *Insider*. ↧ Ferrier, M. (30 May 2010). "Macho foodies in New York develop a taste for notoriety". *The Guardian*. Retrieved 15 April 2015. ↧ Aristotle. *Historia animalium*. Vol. IX, p. 622a: 2–10. Cited in Borrelli, Luciana; Gherardi, Francesca; Fiorito, Graziano (2006). *A Catalogue of Body Patterning in Cephalopoda*. *Cataloghi e collezioni*. Firenze: Firenze University Press. doi:10.36253/988-8453-376-7. ISBN 988-8453-377-5. "Abstract". 2006. Archived from the original on 6 February 2018. ↧ Harman, Oren (1 January 2016). "The Lagoon: How Aristotle Invented Science". *Common Knowledge*. 22 (1): 128. doi:10.1215/0961754x-3323121. ISSN 0961-754X. ↧ Leroi, Armand Marie (2014). *The Lagoon: How Aristotle Invented Science*. *Bloomsbury*. pp. 71–72. ISBN 978-1-4088-3622-4. ↧ "The Cephalopoda". University of California Museum of Paleontology. Retrieved 27 March 2017. ↧ Mann, T. (2012). *Spermatophores: Development, Structure, Biochemical Attributes and Role in the Transfer of Spermatozoa*. Springer. p. 28. ISBN 978-3-642-82308-4. ↧ Laschi, Cecilia; Cianchetti, Matteo; Mazzolli, Barbara; Margheri, Laura; Palladino, Maurizio; Paolo (2012). "Soft Robot Arm Inspired by the Octopus". *Advanced Robotics*. 26 (7): 709–727. doi:10.1163/156855326626343. ISSN 0169-1864. S2CID 6104200. ↧ Godfrey-Smith, Peter (2018). *Other Minds: The Octopus, the Sea, and the Deep Origins of Consciousness*. William Collins. pp. 77–105, 137–137. ISBN 978-0-00-822629-9. ↧ Baer, Drake (20 December 2016). "Octopuses Are the Closest We Will Come to Meeting an Intelligent Alien". *Scientific U.S.*. Retrieved 26 April 2017. ↧ Brüllard, Karin (13 April 2016). "Octopus slips out of aquarium tank, crawls across floor, escapes down pipe to ocean". *The Washington Post*. Retrieved 20 February 2017. ↧ Reardon, Sara (15 September 2023). "Octopuses used in research could receive same protections as monkeys". *Nature*. doi:10.1038/d41586-023-02887-x. PMID 37714985. Retrieved 6 April 2025. ↧ "The Animals (Scientific Procedures) Act (Amendment) Order 1993". *The National Archives*. Retrieved 18 February 2015. ↧ "The Animals (Scientific Procedures) Act 1986 Amendment Regulations 2012". *The National Archives*. Retrieved 18 February 2015. ↧ "Directive 2010/63/EU of the European Parliament and of the Council". *Official Journal of the European Union*. Article 1, 3(b) (see page 276/39). Retrieved 18 February 2015. ↧ "PoseiDRONE". *The BioRobotics Institute, Scuola Superiore Sant'Anna*. Archived from the original on 15 May 2021. Retrieved 14 May 2021. ↧ Laschi, Cecilia (2015). "Soft Robotics Research, Challenges, and Innovation Potential. Through Showcases". *Soft Robotics*. pp. 255–264. doi:10.1007/978-3-662-44506-8_21. ISBN 978-3-662-44505-1. ↧ Burgess, Matt (27 March 2017). "This robotic octopus tentacle isn't creepy at all". *Wired*. The Wikibot Dichotomous Key has a page on the topic of: Octopoda ↧ Wikimedia Commons has media related to Octopoda. ↧ Overview at the Encyclopedia of Life Octopoda Archived 29 September 2020 at the Wayback Machine at the Tree of Life Web Project "Can We Really Be Friends with an Octopus?" at Hakai Magazine, January 11, 2022 ↧ Retrieved from "The ocean's depths harbor one of nature's most extraordinary intellectuals: the octopus. These eight-armed cephalopods have a unique combination of camouflage and complex behaviors. Octopuses possess a unique combination of physical adaptability and mental sophistication that places them among the most intelligent invertebrates on the planet. Their cognitive abilities are particularly impressive considering their evolutionary path diverged from ours more than 500 million years ago. Let's explore thirteen fascinating facts that showcase the genius of these remarkable ocean dwellers. Octopus. Image via Unsplash Octopuses possess one of the most unique nervous systems in the animal kingdom. While they have a central brain containing approximately 500 million neurons, they also have a mini-brain in each of their eight arms. This means about two-thirds of their neurons reside in their arms, allowing each appendage to operate semi-autonomously. This distributed nervous system enables octopuses to multitask with remarkable efficiency – they can solve a puzzle with one arm while using others to explore their surroundings or defend against predators. Researchers have observed that if an arm is severed, it can continue to react to stimuli and even attempt to bring food to where the mouth would be, demonstrating the impressive decentralized nature of octopus intelligence. Octopus. Image via Pixabay Octopuses have repeatedly demonstrated exceptional problem-solving abilities, particularly when it comes to escape scenarios. In laboratories and aquariums worldwide, they've been documented unscrewing jar lids, opening childproof pill bottles, and squeezing through openings barely the size of their eye – the only hard part of their body. Otto, a German aquarium octopus, became famous for throwing rocks at the aquarium lights to short-circuit them when he was bored. Another octopus at the New Zealand National Aquarium, named Inky, made international headlines after escaping his tank, crawling across the floor, and disappearing down a 164-foot drainpipe to