

# Anemonia sulcata (Pennant, 1777)

---

AphiaID: 231858

Biota (Superdominio) > Animalia (Reino) > Cnidaria (Filo) > Anthozoa (Classe) > Hexacorallia (Subclasse) > Actiniaria (Ordem) > Enthemonae (Subordem) > Actinoidea (Superfamilia) > Actiniidae (Familia) > Anemonia (Genero)

## Synonyms

---

*Actinia (Entacmaea) cereus* Ellis & Solander, 1786

*Actinia phaeochira* (Schmarda, 1852)

*Actinia sulcata* Pennant, 1777

*Actinia viridis*

*Actinocereus sulcata*

*Actinocereus sulcatus*

*Anemonia aedulis* Risso, 1826

*Anemonia flagellifera* Dons, 1945

*Anemonia vagans* Risso, 1826

*Anemonia vagans*

*Anthea cereus* Gærtner

*Comactis viridis*

*Entacmaea phaeochira* Schmarda, 1852

## References

---

additional source Fautin, Daphne G. (2013). Hexacorallians of the World., available online at <http://hercules.kgs.ku.edu/Hexacoral/Anemone2/> [details]

basis of record Muller, Y. (2004). Faune et flore du littoral du Nord, du Pas-de-Calais et de la Belgique: inventaire. [Coastal fauna and flora of the Nord, Pas-de-Calais and Belgium: inventory]. Commission Régionale de Biologie Région Nord Pas-de-Calais: France. 307 pp., available online at <http://www.vliz.be/imisdocs/publications/145561.pdf> [details]

source of synonymy Muller, Y. (2004). Faune et flore du littoral du Nord, du Pas-de-Calais et de la Belgique: inventaire. [Coastal fauna and flora of the Nord, Pas-de-Calais and Belgium: inventory]. Commission Régionale de Biologie Région Nord Pas-de-Calais: France. 307 pp., available online at <http://www.vliz.be/imisdocs/publications/145561.pdf> [details]

additional source den Hartog, J. C. & van der Land, J. (2000-2007). As a contribution to UNESCO-IOC

Register of Marine Organisms. [\[details\]](#)

context source (HKRMS) Morton B. & Morton J.E. (1983). The sea shore ecology of Hong Kong. Hong Kong: Hong Kong University Press. [\[details\]](#)

additional source Moore, H. B. (1937). Marine fauna of the Isle of Man. Proceedings and Transactions of the Liverpool Biological Society. 50: 1-293, maps 1-3. (Crustacea: 87-142). [\[details\]](#)

additional source Gili, J.M., 1982. Fauna de cnidaris de les illes Medes. Treballs Inst. Cat. Hist. nat. 10 : 1-175. [\[details\]](#)

additional source Robins, M.W., 1969. The marine flora and fauna of the Isles of Scilly. Cnidaria e Ctenophora. J. nat. Hist. 3 : 329-343. [\[details\]](#)

additional source Teissier, G., 1950. Inventaire de la faune marine de Roscoff. Cnidaires et cténaires. Trav. biol. Roscoff. n. ser. suppl. 1: 1-43. [\[details\]](#)

additional source Weill, R., 1934. Contribution à l'étude des Cnidaires et de leurs nématocystes. II. Valeur taxonomique du cnidôme. Trav. Stn zool. Wimereux 11 : 349-701. [\[details\]](#)

additional source Krijgsman, B.J. & F.H. Talbot, 1953. Experiments on digestion in sea-anemones. Arch. Intern. Physiol. 61 3: 277-291. [\[details\]](#)

additional source Schmidt, H., 1969. Die nesselkapseln der aktinien und ihre differentialdiagnostische bedeutung. The nematocysts of the sea anemones and their importance for differential-diagnosis. Helgoländer wiss. Meeresunters. 19 : 284-317. [\[details\]](#)

additional source Trench, R.K. & R.J. Blank. (1987). Symbiodinium microadriaticum Freudenthal, S. goreauii sp. nov., S. kawagutii sp. nov. and S. pilosum sp. nov.: gymnodinioid dinoflagellate symbionts of marine invertebrates. J. Phycol. 23: 469-481. [\[details\]](#)

additional source Chintiroglou, C. & A. Koukouras, 1991. Observations on the feeding habits of Calliactis parasitica (Couch, 1842), Anthozoa, Cnidaria. Oceanologica Acta 14 4: 389-396. [\[details\]](#)

additional source Graeffe E. (1884). Übersicht der Seethierfauna des Golfes von Triest, nebst Notizen über Vorkommen, Lebensweise, Erscheinungs- und Fortpflanzungszeit der einzelnen Arten. III Coelenteraten. Arbeiten des Zoologischen Instituts der Universität Wien. 5: 333-362., available online at <https://www.biodiversitylibrary.org/page/5242020> [\[details\]](#)

additional source Rioja y Martín, J., 1906. Datos para el conocimiento de la fauna marina de España. Celentéreos de la estación de Biología de Santander. Bolm R. Soc. esp. Hist. nat. 6 6: 275-280. [\[details\]](#)

additional source Stephens, J. (1905). A list of Irish Coelenterata, including the Ctenophora. Proceedings of the Royal Irish Academy. 25: 25-92. [\[details\]](#)

additional source Lo Bianco, S. (1909). Notizie biologiche riguardanti specialmente il periodo di maturità sessuale degli animali del golfo di Napoli. Mitteilungen aus der Zoologischen Station zu Neapel. 19(4): 513-761. [\[details\]](#)

additional source Williams, R.B. (1979). A survey of the littoral Anthozoa, with additional notes on some other marine invertebrates of Gower, South Wales. *Nature in Wales* 16(4):253-266. [\[details\]](#)

additional source Wirtz, P. 1997. Crustacean symbionts of the sea anemone *Telmatactis cricoides* at Madeira and the Canary Islands.- *Journal of Zoology, London* 242 (4): 799-811. [\[details\]](#)

additional source Saville-Kent W (1893) *The Great Barrier Reef of Australia; its products and potentialities*, pp. 1-387, pls. 1-48, chromo pls. 1-16. Allen & Co., London., available online at <https://www.biodiversitylibrary.org/page/10697730> [\[details\]](#)

additional source Ocaña, Oscar; Den Hartog, J.C. (2002). A catalogue of Actiniaria and Corallimorpharia from the Canary Islands and from Madeira, Arquipelago. *Life and Marine Sciences*. 19A: 33-54. [\[details\]](#)

additional source Stephenson, T. A. (1935). *The British Sea Anemones. Volume II.* The Ray Society. London. pp. 426. [\[details\]](#)

additional source Andres, A. (1884). *Le attinie. Volume primo, contenente bibliografia, introduzione e specigrafia.* , available online at <https://doi.org/10.5962/bhl.title.35877> [\[details\]](#)

additional source den Hartog, J.C. & Ocaña, O. (2003). A new endemic Actinia species (Actiniaria: Actiniidae) from the central Macaronesian Archipelagos. *Zoologische Mededelingen*. 77: 229-244. [\[details\]](#)

additional source den Hartog J.C., Ates R.M.L. (2011). Actiniaria from Ria de Arosa, Galicia, northwestern Spain, in the Netherlands Centre for Biodiversity Naturalis, Leiden. *Zoologische Mededelingen, Leiden*. 85 (2): 11-53. [\[details\]](#)

additional source Carlgren, O. (1949). A survey of the Ptychodactiaria, Corallimorpharia and Actiniaria. *Kungliga Svenska Vet- enskapsakademiens Handlingar*. 1: 1-121. [\[details\]](#)

additional source Fischer, P. (1889). Nouvelle contribution à l'actinologie française. *Actes de la Société linnéenne de Bordeaux*. 43(5): 251-309. [\[details\]](#)

additional source Jourdan, E. (1895). Zoanthaires provenant des campagnes du yacht l'Hirondelle (Golfe de Gascogne, Açores, Terre-Neuve). *Résultats des Campagnes Scientifiques du Prince Albert Ier de Monaco*. 8(1): 1-36. [\[details\]](#)

additional source Pax F. (1908). Die Aktinienfauna Westafrikas. *Denkschrift. medizin. naturwiss. Gesellschaft Jena*. 13: 463-504. [\[details\]](#)

additional source Milne Edwards H, Haime J. (1857). *Histoire naturelle des coralliaires, ou polypes proprement dits*. 1. Librairie Encyclopédique de Roret, Paris. 326 pp., available online at <https://www.biodiversitylibrary.org/page/12045211> [\[details\]](#)

additional source Pennington, A. S. (1885). *British zoophytes: an introduction to the Hydrozoa, Actinozoa, and Polyzoa found in Great Britain, Ireland, and the Channel Islands*. L. Reeve & Co., London, 363 pp. [\[details\]](#)

additional source Jourdan, E. (1880). Recherches zoologiques et histologiques sur les Zoanthaires du golfe de Marseille. Annales des Sciences naturelles, Zoologie. 10(1): 1-154. [\[details\]](#)

additional source May, Walther. (1912). Gomera, die Waldinsel der Kanaren. Reisetagebuch eines Zoologen. Verhandlungen des Naturwissenschaftlichen Vereins in Karlsruhe. 24: 50-272., available online at <https://archive.org/details/verhandlungendesnaturwissenschaftlichenvereinsinkarlsruhe24.19101127.192021/page/n116/mode/2up> [\[details\]](#)

additional source Abel, E.F. (1959). Zur Kenntnis der marinen Höhlenfauna unter besonderer Berücksichtigung der Anthozoen. Pubblicazioni della Stazione Zoologica di Napoli. 30 (Suppl. 1): 1-94. [\[details\]](#)

additional source Watzl, O. (1922). Die Aktiniarien der Bahamainseln. Arkiv för Zoologi. 14(24): 1-89. [\[details\]](#)

additional source Manuel, R. L. (1977). A redescription of *Edwardsia beautempsi* and *E. timida* (Actiniaria: Edwardsiidae). Cahiers de Biologie Marine, 18, 483-497 [\[details\]](#)

additional source den Hartog, J. C. (1995). The genus *Telmatactis* Gravier, 1916 (Actiniaria: Acontaria: Isophelliidae) in Greece and the eastern Mediterranean. Zoologische Mededelingen, Leiden, 69(14): 153-176 [\[details\]](#)

additional source Andres, A. (1883). Le Attinie (Monografia). Coi Tipi der Salviucci. Roma., volume 1 (Bibliografia, introduzione e specigrafia), pp. 460. [\[details\]](#)

additional source Nafilyan, Z. (1912). Matériaux pour la faune des Actinies des côtes de France. Les Actinies de Roscoff. Memoirs of the Society of Zoology of France, 25, 5-44 [\[details\]](#)

additional source Parry, G. (1951). The Actiniaria of New Zealand. A check-list of recorded and new species a review of the literature and a key to the commoner forms Part I. Records of the Canterbury Museum, 6(1): 83-119 [\[details\]](#)

additional source Simon, J. A. (1892). Ein Beitrag zur Anatomie und Systematik der Hexactinien. Val. Hvfling, Kapellenstrasse 3. München., pp. 5-106. [\[details\]](#)

additional source Andres, A. (1881). Prodromus neapolitanae actiniarum faunae addito generalis actiniarum bibliographiae catalogo. Mitteilungen aus der Zoologischen Station zu Neapel, 2(3): 305-371 [\[details\]](#)

additional source Fischer, P. (1874). Recherches sur les actinies des cotes [sic] océaniques de France. Nouvelles Archives du Muséum d'Histoire Naturelle de Paris, 10, 193-244 [\[details\]](#)

additional source Fischer, P. (1875). Anthozoaires du département de la Gironde et des cotes [sic] sud-ouest de la France. Actes de la Société Linnéenne de Bordeaux, 30, 183-192 [\[details\]](#)

additional source Fischer, P. (1887). Contribution a l'actinologie française. Archives de Zoologie Expérimentale et Générale, 5, 2, 381-442 [\[details\]](#)

additional source Schmidt, H. (1972). Prodrömus zu einer Monographie der mediterranen Aktinien. *Zoologica*, 42(121): 1-121 [\[details\]](#)

additional source Stephenson, T. A. (1929). On methods of reproduction as specific characters. *Journal of the Marine Biological Association of the United Kingdom*, 16(1): 131-172 [\[details\]](#)

additional source Stephenson, T. A. (1922). On the classification of Actiniaria. Part III. — Definitions connected with the forms dealt with in Part II. *Quarterly Journal of Microscopical Science*, 66, 2, (262): 247-319 [\[details\]](#)

additional source Mathew, K. (1979). Studies on the biology of a sea anemone, *Anthopleura nigrescens* (Verrill) from the south west coast of India. *Bulletin of the Department of Marine Sciences, University of Cochin*, 10, 75-158 [\[details\]](#)

additional source Carlgren, O. (1940). A contribution to the knowledge of the structure and distribution of the cnidae in the Anthozoa. *Kungliga Fysiografiska Sällskapets Handlingar*, 51, N.F., (3): 1-62 [\[details\]](#)

additional source Haddon, A. C. (1889). A revision of the British Actiniae. Part I. *Scientific Transactions of the Royal Dublin Society*, 4, 2, 297-361 [\[details\]](#)

additional source Haddon, A. C. (1898). The Actiniaria of Torres Straits. *Scientific Transactions of the Royal Dublin Society*, 6, 2, 393-520 [\[details\]](#)

additional source McMurrich, J. P. (1893). Report on the Actiniæ collected by the United States Fish Commission Steamer Albatross during the winter of 1887-1888. *Proceedings of the United States National Museum*, 16(930): 119-216 [\[details\]](#)

additional source McMurrich, J. P. (1904). The Actiniae of the Plate collection. *Zoologische Jahrbücher*, 6 Suppl.(2): 215-306 [\[details\]](#)

additional source Pax, F. (1907). Vorarbeiten zu einer Revision der Familie Actiniidae. *Königl. Universität Breslau. Breslau.*, pp. 87. [\[details\]](#)

additional source Pax, F. (1912). Les actinies de la côte du Pérou. Gauthier-Villars, Imprimeur-Libraire. Paris., volume 9, pp. 28-01 [\[details\]](#)

additional source Pax, F. (1914). Die Actinien. *Ergebnisse und Fortschritte aus der Zoologie*, 4, 339-640 [\[details\]](#)

additional source Pax, F. (1924). Actiniarien, Zoantharien und Ceriantharien von Curaçao. *Kungliga Zoologisch Genootschap Natura Artis Magistra (Amsterdam)*, 23, 93-122 [\[details\]](#)

additional source Pax, F. (1925). Beitrag zur Anthozoenfauna von Palästina. *Zoologischer Anzeiger*, 64, 193-196 [\[details\]](#)

additional source Pax, F.; Müller, I. (1955). Gli Antozoi del Museo Civico di Storia Naturale di Trieste Parte I: Antipatharia, Ceriantharia, Zoantharia, Actiniaria, Alcyonaria, e Pennatularia. *Atti del Museo Civico di Storia Naturale Trieste*, 20(7-8): 103-129 [\[details\]](#)

additional source Pax, F.; Müller, I. (1962). Die Anthozoenfauna der Adria / Fauna antozoa Jadrana. Fauna et Flora Adriatica, 3, 1-343 [\[details\]](#)

additional source Hanlon, R. T.; Kaufman, L. (1976). Associations of seven West Indian reef fishes with sea anemones. Bulletin of Marine Science, 26(2): 225-232 [\[details\]](#)

additional source Schlichter, D. (1970). Thalassoma amblycephalus ein neuer Anemonenfisch-Typ. Allgemeine Aspekte zur Beurteilung der Vergesellschaftung von Riffanemonen und ihren Partnern. Marine Biology, 7, 269-272 [\[details\]](#)

additional source Wiedenmann, J.; Kraus, P.; Funke, W.; Vogel, W. (2000). The relationship between different morphs of Anemonia aff. sulcata evaluated by DNA fingerprinting (Anthozoa, Actinaria). Ophelia, 52, 1, 57-64 [\[details\]](#)

additional source Stephenson, T. A. (1928). The British Sea Anemones. Volume I. The Ray Society. London., volume 1, pp. 148. [\[details\]](#)

additional source Schmidt, H. (1970). Anthopleura stellula (Actiniaria, Actiniidae) and its reproduction by transverse fission. Marine Biology, 5, 245-255 [\[details\]](#)

additional source Schmidt, H. (1972). Die Nesselkapseln der Anthozoen und ihre Bedeutung für die phylogenetische Systematik. Helgoländer Wissenschaftliche Meeresuntersuchungen, 23, 422-458 [\[details\]](#)

additional source Pax, F.; Müller, I. (1953). Die Anthozoenfauna der bucht von Ka?tela bei Split. Acta Adriatica, 5(1): 3-35 [\[details\]](#)

additional source Pax, F. (1953). Cereus pedunculatus in der Adria. Acta Adriatica, 5(2): 3-15 (39-51) [\[details\]](#)

additional source Müllegger, S. (1938). Die Aktinien: Beschreibung der vornehmlich im aquarium gehaltenen Aktinien. Wochenschrift für Aquarien und Terrarienkunde, 39-44, 1-16 [\[details\]](#)

additional source Pei, Z. (1998). Coelenterata Actiniaria Ceriantharia Zoanthidea. Science Press. Beijing., pp. 286. [\[details\]](#)

additional source Jaworski, E. (1938). Untersuchungen über Rassenbildung bei Anthozoen. Thalassia, 3(1): 3-57 [\[details\]](#)

additional source Rizzi, M. (1907). Sulle Attinie della laguna di Venezia. Ricerche Lagunari, biology, (4-6): 9-39 [\[details\]](#)

additional source Allen, G. R. (1972). The Anemonefishes: Their Classification and Biology. T. F. H. Publications, Inc. Ltd. Neptune City, New Jersey., pp. 288. [\[details\]](#)

additional source Uchida, H.; Soyama, I. (2001). Sea Anemones in Japanese Waters. TBS. Japan., pp. 157. [\[details\]](#)

additional source Pax, F. (1909). Aktinienstudien. I. Polyparium ambulans. II. Aktinien von Gomera. III.

*Bolocera norvegica*, eine neue Aktinie von der Westküste Norwegens. *Jenaische Zeitschrift für Naturwissenschaft*, 45, 325-344 [\[details\]](#)

additional source Carlgren, O. (1897). Zur Mesenterienentwicklung der Aktinien. *Öfversigt af Kongliga Vetenskaps-Akademiens Förhandlingar*, 1897(3): 159-172 [\[details\]](#)

additional source Carlgren, O. (1945). Polypdyr (Coelenterata) III. Koraldyr. *Danmarks Fauna Udgivet af Dansk Naturhistorisk Forening*, 51, 3-167 [\[details\]](#)

additional source Jaworski, E. (1938). Untersuchungen über Rassenbildung bei Anthozoen. *Schlesischen Friedrich-Wilhelms-Universitdt zu Breslau. Breslau.*, pp. 57. [\[details\]](#)

additional source Fishelson, L. (1965). Observations and experiments on the Red Sea anemones and their symbiotic fish *Amphiprion bicinctus*. *Bulletin of the Israel Sea Fisheries Research Stations (Haifa)*, 39, 1-14 [\[details\]](#)

additional source van Vlijmen, H. W. T.; Gupta, A.; Narasimhan, L. S.; Gupta, A. (2004). A novel database of disulfide patterns and its application to the discovery of distantly related homologs. *Journal of Molecular Biology*, 335, 1083-1092 [\[details\]](#)

additional source Tu, H.; Xiong, Q.; Zhen, S.; Zhong, X.; Peng, L.; Chen, H.; Jiang, X.; Liu, W.; Yang, W.; Wei, J.; Dong, M.; Wu, W.; Xu, A. (2003). A naturally enhanced green fluorescent protein from magnificent sea anemone (*Heteractis magnifica*) and its functional analysis. *Biochemical and Biophysical Research Communications*, 301, 879-885 [\[details\]](#)

additional source Daly, M.; Lipscomb, D. L.; Allard, M. W. (2002). A simple test: evaluating explanations for the relative simplicity of the Edwardsiidae (Cnidaria: Anthozoa). *Evolution*, 56(3): 502-510 [\[details\]](#)

additional source Williams, R. B. (1981). Gower sea anemones. *Gower*, 32, 87 [\[details\]](#)

additional source Pax, F.; Müller, I. (1955). Gli Antozoi del Golfo di Trieste. *Atti del Museo Civico di Storia Naturale Trieste*, 20(6): 49-102 [\[details\]](#)

additional source Schmidt, H. (1974). On evolution in the Anthozoa. *Proceedings of the Second International Coral Reef Symposium*, 1, 533-560 [\[details\]](#)

additional source Cotton, J.; Crest, M.; Bouet, F.; Alessandri, N.; Gola, M.; Forest, E.; Karlsson, E.; Castañeda, O.; Harvey, A. L.; Vita, C.; Ménez, A. (1997). A potassium-channel toxin from the sea anemone *Bunodosoma granulifera*, an inhibitor for Kv1 channels: revision of the amino acid sequence, disulfide-bridge assignment, chemical synthesis, and biological activity. *European Journal of Biochemistry*, 244, 192-202 [\[details\]](#)

additional source Cuhha, R. B.; Santana, A. N. C.; Amaral, P. C.; Carvalho, M. D. F.; Carvalho, D. M. F.; Cavalheiro, E. A.; Maigret, B.; Ricart, C. A. O.; Cardi, B. A.; Sousa, M. V.; Carvalho, K. M. (2004). Primary structure, behavioral and electroencephalographic effects of an epileptogenic peptide from the sea anemone *Bunodosoma cangicum*. *Toxicon*, 45, 207-217 [\[details\]](#)

additional source Bonnenfant, J. (1960). *Recherches sur l'évolution larvaire et la variation*

physiologique du cnidome chez *Actinia equina*. Bulletin de la Societé Zoologique de France, 85(2-3): 157-165 [\[details\]](#)

additional source Béress, L. (2004). Biologically active polypeptides of *Anemonia sulcata*-and of other sea anemones-tools in the study of excitable membrans. Toxin Reviews, 23(4): 451-466 [\[details\]](#)

additional source Uechi, G. I.; Toma, H.; Arakawa, T.; Sato, Y. (2005). Biochemical and physiological analyses of a hemolytic toxin isolated from a sea anemone *Actinaria villosa*. Toxicon, 45, 761-766 [\[details\]](#)

additional source Honma, T.; Hasegawa, Y.; Ishida, M.; Nagai, H.; Nagashima, Y.; Shiomi, K. (2004). Isolation and molecular cloning of novel peptide toxins from the sea anemone *Antheopsis maculata*. Toxicon, 45, 33-41 [\[details\]](#)

additional source Acuña, F. H.; Zamponi, M. O. (1995). Feeding ecology of intertidal sea anemones (Cnidaria, Actiniaria): food sources and trophic parameters. Biociências, 3(2): 73-84 [\[details\]](#)

additional source Acuña, F. H.; Zamponi, M. O. (1996). Ecología trófica de las anémonas intermareales *Phymactis clematis* Dana, 1849, *Aulactinia marplatensis* (Zamponi, 1977) y *A. reynaudi* (Milne-Edwards, 1857) (Actiniaria: Actiniidae): relaciones entre las anémonas y sus presas. Ciencias Marinas, 22(4): 397-413 [\[details\]](#)

additional source Oliveira, J. S.; Redaelli, E.; Zaharenko, A. J.; Cassulini, R. R.; Konno, K.; Pimenta, D. C.; Freitas, J. C.; Clare, J. J.; Wanke, E. (2004). Binding specificity of sea anemone toxins to Na<sup>v</sup> 1.1-1.6 sodium channels. Journal of Biological Chemistry, 279(32): 33323-33335 [\[details\]](#)

additional source Pax, F.; Müller, I. (1954). Die korallentiere der Adria. Die Aquarien-und Terrarien-Zeitschrift, 7 [\[details\]](#)

additional source Pax, F. (1956). La conoscenza degli antozoi Adriatici fino alla fine del secolo XVIII. Bollettino della Società Adriatica di Scienze Naturali, 48, 50-61 [\[details\]](#)

additional source Teissier, G. (1965). Inventaire de la faune marine de Roscoff. Station Biologique de Roscoff. Roscoff., pp. 62. [\[details\]](#)

additional source Diochot, S.; Baron, A.; Rash, L. D.; Deval, E.; Escoubas, P.; Scarzello, S.; Salinas, M.; Lazdunski, M. (2004). A new sea anemone peptide, APETx2, inhibits ASIC3, a major acid-sensitive channel in sensory neurons. EMBO Journal, 23, 1516-1525 [\[details\]](#)

additional source Zamponi, M. O. (2005). Estudio de la reproducción sexual de las anémonas de mar (Actiniaria) y la estrategia del hombre pobre (the poor man's game). Revista Real Academia Galega de Ciencias, 24 [\[details\]](#)

additional source Zaharenko, A. J.; Ferreira, W. A.; Oliveira, J. S.; Richardson, M.; Pimenta, D. C.; Konno, K.; Portaro, F. C. V.; Freitas, J. C. (2008). Proteomics of the neurotoxic fraction from the sea anemone *Bunodosoma cangicum* venom: novel peptides belonging to new classes of toxins. Comparative Biochemistry and Physiology, Part D, 3, 219-225 [\[details\]](#)

additional source Day, R. J. (1994). Algal symbiosis in *Bunodeopsis*: sea anemones with “auxiliary” structures. *Biological Bulletin*, 186, 182-194 [\[details\]](#)

additional source Chan, M. C. Y.; Karasawa, S.; Mizuno, H.; Bosanac, I.; Ho, D.; Privé, G. G.; Miyawaki, A.; Ikura, M. (2006). Structural characterization of a blue chromoprotein and its yellow mutant from the sea anemone *Cnidopus japonicus*. *Journal of Biological Chemistry*, 281(49): 37813-37819 [\[details\]](#)

additional source Honma, T.; Shiomi, K. (2006). Peptide toxins in sea anemones: structural and functional aspects. *Marine Biotechnology*, 8, 1-10 [\[details\]](#)

additional source Morales, L.; Acevedo, O.; Martínez, M.; Gokhman, D.; Corredor, C. (2009). Functional discrimination of sea anemone neurotoxins using 3D-plotting. *Central European Journal of Biology*, 4(1): 41-49 [\[details\]](#)

additional source Tasdemir, A.; Khan, F.; Jowitt, T. A.; Iuzzolino, L.; Lohmer, S.; Corazza, S.; Schmidt, T. J. (2008). Engineering of a monomeric fluorescent protein AsGFP499 [499 as subscript] and its applications in a dual translocation and transcription assay. *Protein Engineering, Design & Selection*, 21(10): 613-622 [\[details\]](#)

additional source Schmidt, H.; Béress, L. (1971). Phylogenetische betrachtungen zur toxicität und nesselwirkung einiger Actiniaria (Anthozoa) im vergleich zur morphologie ihrer nesselkapseln. *Kieler Meeresforschungen*, XXVII(2): 166-170 [\[details\]](#)

additional source Hasegawa, Y.; Honma, T.; Nagai, H.; Ishida, M.; Nagashima, Y.; Shiomi, K. (2006). Isolation and cDNA cloning of a potassium channel peptide toxin from the sea anemone *Anemonia erythraea*. *Toxicon*, 48, 536-542 [\[details\]](#)

additional source Schmidt, H. (1972). Bionomische studien an Mediterranen Anthozoen: die Anthozoenfauna des Strombolicchio (Äolische Inseln). *Marine Biology*, 15, 265-278 [\[details\]](#)

additional source Salceda, E.; Pérez-Castells, J.; López-Méndez, B.; Garateix, A.; Salazar, H.; López, O.; Aneiros, A.; Ständker, L.; Béress, L.; Forssmann, W.; Soto, E.; Jiménez-Barbero, J.; Giménez-Gallego, G. (2007). CgNa, a type I toxin from the giant Caribbean sea anemone *Condylactis gigantea* shows structural similarities to both type I and II toxins, as well as distinctive structural and functional properties. *Biochemical Journal*, 406, 67-76 [\[details\]](#)

additional source Williams, R. B. (1978). Some recent observations on the acrorhagi of sea anemones. *Journal of the Marine Biological Association of the United Kingdom*, 58, 787-788 [\[details\]](#)

additional source Leutenegger, A.; Kredel, S.; Gundel, S.; D Angelo, C.; Salih, A.; Wiedenmann, J. (2007). Analysis of fluorescent and non-fluorescent sea anemones from the Mediterranean Sea during a bleaching event. *Journal of Experimental Marine Biology and Ecology*, 353, 221-234 [\[details\]](#)

additional source Ross, D. M. (1960). The association between the hermit crab *Eupagurus bernhardus* (L.) and the sea anemone *Calliactis parasitica* (Couch). *Proceedings of the Zoological Society of London*, 134, 1, 43-57 [\[details\]](#)

additional source Kraus, Y.; Technau, U. (2006). Gastrulation in the sea anemone *Nematostella vectensis* occurs by invagination and immigration: an ultrastructural study. *Development, Genes and*

Evolution, 216, 119-132 [\[details\]](#)

additional source Moran, Y.; Kahn, R.; Cohen, L.; Gur, M.; Karbat, I.; Gordon, D.; Gurevitz, M. (2007). Molecular analysis of the sea anemone toxin Av3 reveals selectivity to insects and demonstrates the heterogeneity of receptor site-3 on voltage-gated Na<sup>+</sup> channels. *Biochemical Journal*, 406, 41-48 [\[details\]](#)

additional source Corrêa, D. D. (1964). *Corallimorpharia e Actiniaria do Atlantico Oeste Tropical*. Universidade de São Paulo (Dissertation). São Paulo., pp. 139. [\[details\]](#)

additional source Carlgren, O. (1942). *Actiniaria Part II*. Danish Ingolf-Expedition, 5, 12, 1-92 [\[details\]](#)

additional source Yeung, S. Y. M.; Thompson, D.; Wang, Z.; Fedida, D.; Robertson, B. (2005). Modulation of Kv3 subfamily potassium currents by the sea anemone toxin BDS: Significance for CNS and biophysical studies. *Journal of Neuroscience*, 25, 38, 8735-8745 [\[details\]](#)

additional source Oliveira, J. S.; Zaharenko, A. J.; Ferreira, W. A.; Konno, K.; Shida, C. S.; Richardson, M.; Lúcio, A. D.; Beirão, P. S. L.; Freitas, J. C. (2006). BcIV, a new paralyzing peptide obtained from the venom of the sea anemone *Bunodosoma caissarum*. A comparison with Na<sup>+</sup> channel toxin BcIII. *Biochimica et Biophysica Acta*, 1764(10): 1592-1600 [\[details\]](#)

additional source den Hartog, J. C. (1990). Associated occurrence of *Cyclocoeloma tuberculata* Miers, 1880 (Decapoda: Majidae) and species of Discosomatidae (Anthozoa: Corallimorpharia). *Zoologische Mededelingen, Leiden*, 64, 162-168 [\[details\]](#)

additional source Honma, T.; Kawahata, S.; Ishida, M.; Nagai, H.; Nagashima, Y.; Shiomi, K. (2008). Novel peptide proteins from the sea anemone *Stichodactyla haddoni*. *Peptides*, 29, 536-544 [\[details\]](#)

additional source Delphy, J. (1939). Sur quelques problèmes d' Actinologie. *Bulletin du Muséum National d'Histoire Naturelle (Paris)*, XI, 2, (5): 479-483 [\[details\]](#)

additional source Stephens, J. (1912). *Coelenterata*. *Proceedings of the Royal Irish Academy*, 31(58): 1-10 [\[details\]](#)

additional source Guinot, D.; Doumenc, D. A.; Chintiroglou, C. C. (1995). A review of the carrying behaviour in brachyuran crabs, with additional information on the symbioses with sea anemones. *Raffles Bulletin of Zoology*, 43(2): 377-416 [\[details\]](#)

additional source Andres, A. (1883). *Le Attinie*. *Atti dell' Accademia de Lincei*, 14, 3, Memorie, 211-673 [\[details\]](#)

Last update: 03 May. 2019