

Classification  
 Order: Corallimorpharia  
 Family: Corallimorphidae  
 Genus: Corynactis  
 Species: **Corynactis viridis** Allman, 1846

Reference: [den Hartog JC, Ocaña O, Brito A. 1993. Corallimorpharia collected during the CANCAP expeditions \(1976-1986\) in the south-eastern part of the North Atlantic. Zoologische Verhandelingen 282. Ile de Batz, Brittany, France.](#)

Tissue	Cnida type	Range Length x Width (mean ± sd)	n	N	Abundance
Tentacles stalks	Spirocysts	ca. 27-39 x 2.0-5.0		-	+++
Acrospheres	Spirocysts	ca. 25-70 x 2.5			+++
	Spirulae I	36.6(31.2-40.9) x 4.5(4.2-5.3)		20	+
	Spirulae II	44.5(33.8-56.1) x 8.0(6.0-8.9)		20	-
	Penicilli D I	31.8(27.6-37.4) x 6.0(5.3-6.7)		20	+
	Penicilli D II	64.2(50.8-71.2) x 6.1(5.3-6.5)		20	+
	Penicilli E	77.0(69.4-89.9) x 24.3(21.4-26.7)		20	-
Stomodaeum	Spirulae	28.3(24.9-32.0) x 4.5(4.2-4.9)		20	++
	Penicilli E	44.0(40.9-49.8) x 15.0(13.4-17.8)		20	+
Column	Spirocysts	ca. 20-36 x 2.5-4.5		-	+
	Spirulae I	16.7(15.6-18.7) x 3.8(3.6-4.5)		20	++
	Spirulae II	25.5(22.3-28.5) x 6.3(5.3-7.1)		10	-
	Penicilli D I	23.2(16.0-31.2) x 6.3(5.3-8.0)		30	+
	Penicilli D II	46.9(40.0-54.3) x 9.7(8.9-11.1)		25	+
	Penicilli E	50.6(39.2-57.0) x 13.8(9.4-16.9)		20	+
Mesenterial filaments	Spirulae	10.4(8.9-11.6) x 2.8(2.7-3.6)		15	?
	Penicilli D I	24.7(21.4-31.2) x 6.5(5.3-7.6)		30	+
	Penicilli D II	45.2(39.2-52.5) x 10.8(9.9-12.0)		30	+
	Penicilli E I	49.4(40.1-58.7) x 17.6(14.2-20.5)		20	-
	Penicilli E II	82.0(71.2-97.9) x 36.7(31.2-43.6)		25	++

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Tissue	Cnida type	Range Length x Width (mean ± sd)	n	N	Abundance
Tentacles stalks	Spirocysts	ca. 25?-32 x 2.25-4.5			+++
Acrospheres	Spirocysts	ca. 33-71 x 3.3-6.2		-	+++
	Spirulae I	39.0(35.6-42.7) x 4.1(3.6-4.5)		20	+
	Spirulae II	ca. 45-50 x 7.6		-	---
	Penicilli D I	33.3(29.4-39.2) x 5.8(5.3-6.7)		20	+
	Penicilli D II	58.7(49.0-68.5) x 5.8(5.3-6.2)		20	-
	Penicilli E	70.5(61.4-87.2) x 23.2(21.4-25.8)		20	+
Stomodaeum	Spirulae	26.6(24.9-27.6) x 4.3(4.0-4.5)		20	+
	Penicilli E	45.8(35.6-57.0) x 16.2(12.5-20.5)		30	-
Column	Spirocysts	25.6(22.3-28.5) x 4.6(4.0-5.3)		20	-
	Spirulae	16.4(15.1-19.6) x 4.1(3.6-4.5)		20	+
	Penicilli D	21.8(19.6-30.3) x 6.7(5.8-8.0)		50	+
	Penicilli E	38.7(32.0-49.0) x 13.9(9.8-16.5)		25	+
Mesenterial filaments	Spirulae	ca. 10-12 x 2.5-3.3		-	?
	Penicilli D I	21.2(18.7-24.0) x 5.9(5.3-6.7)		22	+
	Penicilli D II	36.6(31.2-45.4) x 9.6(7.6-12.0)		39	++
	Penicilli E I	45.2(35.6-57.8) x 16.5(12.5-24.0)		30	+
	Penicilli E II	73.7(65.9-89.0) x 34.5(30.3-39.2)		20	+

Reference: [den Hartog JC, Ocaña O, Brito A. 1993. Corallimorpharia collected during the CANCAP expeditions \(1976-1986\) in the south-eastern part of the North Atlantic. Zoologische Verhandelingen 282. Mediterranean coast of France.](#)

Tissue	Cnida type	Range Length x Width (mean ± sd)	n	N	Abundance
Tentacles stalks	Spirocysts	ca. 25?-34 x 2.0-4.5		-	+++
Acrospheres	Spirocysts	ca. 22-55 x 2-5.5		-	++
	Spirulae I	35.5(31.2-41.8) x 3.6(3.3-4.5)		15	-
	Spirulae II	43.9(40.1-53.4) x 5.7(4.5-6.7)		25	+
	Penicilli D I	27.6(24.0-30.3) x 5.5(4.9-6.2)		30	+
	Penicilli D II	50.2(41.8-64.1) x 5.4(4.9-6.2)		30	++
	Penicilli E	59.5(53.4-66.7) x 21.7(17.8-24.9)		30	+
Stomodaeum	Spirulae	25.3(22.3-29.4) x 4.0(3.6-4.5)		10	+
	Penicilli E	36.5(31.2-40.9) x 13.8(12.5-15.2)		10	+
Column	Spirocysts	ca. 22.5-27 x 2.9-3.6		-	?
	Spirulae	20.5(18.7-24.9) x 6.2(5.3-7.1)		25	+
	Penicilli D I	20.5(18.7-24.9) x 6.2(5.3-7.1)		25	+
	Penicilli D II	32.7(30.3-35.6) x 10.9(10.7-11.6)		4	---



	Penicilli E	40.1(33.8-48.9) x 13.4(11.6-16.0)	30	+
Mesenterial filaments	Spirulae	9.8(8.0-11.6) x 2.9(2.7-3.3)	10	---
	Penicilli D I	21.1(17.8-24.9) x 6.1(5.3-7.1)	30	+
	Penicilli D II	37.8(31.2-40.9) x 9.9(8.9-10.7)	30	+
	Penicilli E I	39.7(32.0-47.2) x 15.7(13.4-17.8)	20	++
	Penicilli E II	72.0(65.8-76.5) x 33.9(31.2-39.2)	25	++

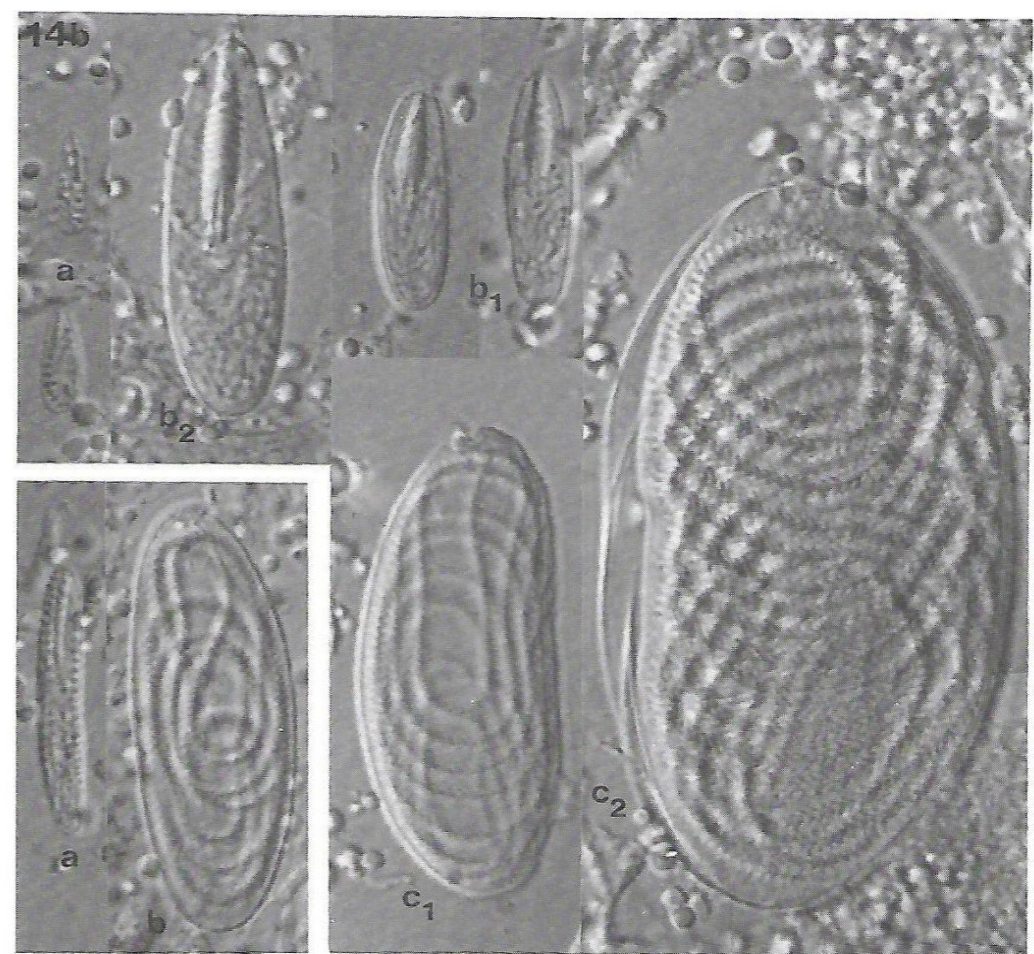
Reference: [den Hartog JC, Ocaña O, Brito A. 1993. Corallimorpharia collected during the CANCAP expeditions \(1976-1986\) in the south-eastern part of the North Atlantic. Zoologische Verhandlungen 282. Lanzarote, Canary Islands.](#)

Tissue	Cnida type	Range Length x Width (mean ± sd)	n	N	Abundance
Tentacles stalks	Spirocysts	ca. 25?-32 x 2.0-4.5	-	-	+++
Acrospheres	Spirocysts	ca. 22-80 x 2.3-5.3	-	-	+++
	Spirulae I	36.8(33.8-40.1) x 3.8(3.6-4.0)	18	-	-
	Spirulae II	45.2(40.1-49.8) x 5.4(5.3-5.6)	6	-	---
	Penicilli D I	31.1(27.6-35.6) x 5.1(4.9-5.8)	27	-	+
	Penicilli D II	50.3(44.5-62.3) x 5.3(4.9-5.8)	22	-	+
	Penicilli E	73.8(65.9-84.6) x 19.6(16.9-21.4)	17	-	-
Stomodaeum	Spirulae	26.0(23.1-27.6) x 4.1(4.0-4.5)	25	-	+
	Penicilli E	43.8(34.7-53.4) x 12.9(9.8-16.9)	20	-	+
Column	Spirocysts	ca. 21.5-27 x 4.5	-	-	+
	Spirulae I	16.0(13.4-17.8) x 3.7(3.3-4.0)	20	-	+
	Spirulae II	20.5(16.0-24.9) x 5.2(4.5-6.2)	20	-	+
	Penicilli D I	19.8(15.2-24.9) x 5.9(5.1-6.7)	40	-	+
	Penicilli D II	29.5(26.7-36.5) x 7.6(6.2-9.8)	10	-	---
	Penicilli E	38.9(36.5-44.5) x 10.3(8.9-11.6)	20	-	+
Mesenterial filaments	Spirulae	11.4(9.8-14.2) x 3.3(2.4-4.0)	7	-	---
	Penicilli D I	21.7(20.5-24.0) x 5.7(4.9-6.7)	30	-	++
	Penicilli D II	35.6(30.3-39.2) x 8.9(7.6-11.1)	30	-	+
	Penicilli E I	40.6(37.4-41.8) x 13.9(12.5-15.1)	3	-	---
	Penicilli E II	77.4(64.1-85.4) x 29.9(24.0-35.6)	20	-	-

Notes: +++: very common; ++: common; +: rather common; -: uncommon; ---: rare; ---: sporadic; ?: data insufficient to even suggest numbers because of the condition of the tissue concerned.

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4. Stomodaeum

5. Filaments

Fig. 14a-b. *Corynactis viridis*. Pictorial survey of the cnidom, mainly based on clone from Brittany, France (RMNH Coel 11426). Numerals and characters correspond to those used in table 1. Scale bar 20 µm.  
**1. Column:** a. Spirocyst; b<sub>1, 2</sub>. Spirulae; c<sub>1, 2</sub>. Penicilli D; d. Penicillus E. **2. Acrospheres:** a. Spirocyst; b<sub>1, 2</sub>. Spirulae; c<sub>1, 2</sub>. Penicilli D; d. Penicillus E. **3. Tentacle Stalks:** cnidae not figured. **4. Stomodaeum:** a. Spirula; b. Penicillus E. **5. Filaments:** a. Spirulae; b<sub>1, 2</sub>. Penicilli D; c<sub>1, 2</sub>. Penicilli E.