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ORGANISMS DIVERSITY & EVOLUTION

Material examined of V. Häussermann & G. Försterra

Electr. Suppl. 5, part 3. - to: Häussermann, V. & Försterra, G. (2001): A new species of sea anemone from Chile, *Anemonia alicemartinae* n. sp. (Cnidaria: Anthozoa). Org. Divers. Evol. 1 (3): 211-224.

Anemonia alicemartinae n. sp.

Type locality: Chile, Coquimbo, intertidal zone of La Herradura (site S19, see Part 1 of this Electronic Supplement).

Holotype: Female, 3.1.1998, leg. V. Häussermann & G. Försterra; deposited at Zoologische Staatssammlung München, Germany (ZSM 224, ZSM 224/1). One quarter of animal on 9 microscope slides of transverse sections and sphincter. In preserved state pedal disc diameter 20 mm, column height 13 mm, oral disc diameter 30 mm, tentacle length up to 17 mm. A 3 mm long isopod (V. Cappola, University of Kansas, pers comm. 2000) was found between the bases of the tentacles.

Paratypes: Fixed in 10-15% formalin, unless mentioned; specimens deposited at Nationaal Natuurhistorisch Museum, Leiden (Netherlands), leg. K. P. Sebens & R. T. Paine; all others leg. V. Häussermann & G. Försterra; specimens from the aquarium of Universidad Católica del Norte, Coquimbo, in the following called Aq. Co., had previously been taken from the Bahía de Coquimbo; for collection localities see Parts 1 and 2 of this Electronic Supplement):

20 specimens deposited at Zoologische Staatssammlung München, Germany: 3 specimens (ZSM 225) collected 3.1.1998 at site S19, intertidal. 1 specimen (ZSM 226) collected 30.11.1997 at S2, 3.5 m depth; 75 slides of longitudinal and transverse sections made from whole animal with small bud-like structure. 2 specimens (ZSM 227) collected 30.11.1997 at S2, 3.5 m depth. 1 specimen (ZSM 228) collected 8.12.1999 at S43, intertidal, preserved in 96% alcohol. 1 specimen (ZSM 229) collected 8.12.1999 at S43, intertidal. 2 females (ZSM 230, ZSM 231) collected 2.1.1998 from Aq. Co.; 6 resp. 7 microscopic slides of transverse sections made from $^1/_8$ of each animal. 1 specimen (ZSM 232) collected 2.1.1998 from Aq. Co.; 11 microscopic slides of transverse sections made from whole animal. 5 specimens (ZSM 233) collected 2.1.1998 from Aq. Co.; 2 specimens (ZSM 20012947) collected 30.3.2001 at S43, intertidal; 2 specimens (ZSM 20012948) collected 30.3.2001 at S43, intertidal, preserved in 96% alcohol.

48 specimens deposited at Nationaal Natuurhistorisch Museum, Leiden, Netherlands: RMNH Coel. 24378/10 collected 6.10.1975 at site P8, intertidal. RMNH Coel. 24379/24 collected 30.10.1975 at P8, subtidal; 38 microscopic slides of transverse sections each made from 1/8 animal: 4 females and 1 with a well-developed bud-like structure. RMNH Coel. 24380/11 collected 1.10.1975 at P2, intertidal. RMNH Coel. 24381/3 collected 1.10.1975 at P1, intertidal.

1 female deposited at Natural History Museum, University of Kansas, USA: KUMNH, Division of Invertebrate Zoology, catalog nr 001529; collected 2.1.1998 from Aq. Co.; 5 microscopic slides of transverse sections made from 1/8 of animal.

1 specimen deposited at Museo de la Universidad de Concepción, Chile (UCCC-25632), collected 3.1.1998 at S19, intertidal; 5 microscopic slides of transverse sections and sphincter made from 1/8 of animal.

1 specimen deposited at Swedish Museum of Natural History, Stockholm (SMNH-5227), collected 3.1.1998 at S19, intertidal.

1 specimen deposited at Zoological Museum of University of Hamburg, Germany (C 11664), collected 3.1.1998 at S19, intertidal.

1 specimen deposited at U. S. National Museum of Natural History, Washington (USNM 100647), collected 2.1.1998 from Aq. Co.

Anemonia natalensis Carlgren, 1938

6 syntypes from Swedish Museum of Natural History (NRS 89 x 6); South Africa, Durban.

17 specimens deposited at Zoologische Staatssammlung München, Germany (1 paraffin-embedded, 11 in 10% formalin: ZSM 234; 5 in 96% alcohol: ZSM 235), collected 23.3.2000 at Umdloti Beach, KwaZulu-Natal, South Africa (29°40'S; 31°08'E) by Sean Bailey and Louis Celliers of Oceanographic Research Institute, Durban, South Africa.