

**Sneaking into a hotspot of biodiversity: coverage and integrity of a rhodolith bed in the Strait of Sicily (Central Mediterranean Sea).**  
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**Table S1.** List of species/taxa detected on Lampedusa rhodolith bed.

<b>Taxonomic group</b>	<b>Taxon</b>	<b>Author</b>
<b>Ochrophyta</b>	<i>Cutleria chilosa</i>	(Falkenberg) P.C. Silva 1957
	<i>Cystoseira dubia</i>	Valiante 1883
	<i>Dictyota dichotoma</i> var. <i>intricata</i>	(C. Agardh) Greville 1830
	<i>Halopteris filicina</i>	(Grateloup) Kützing 1843
	<i>Lobophora variegata</i>	(J.V. Lamouroux) Womersley ex E.C. Oliveira 1977
	<i>Sphacelaria</i> sp.	Lyngbye, 1818
	<i>Sporochnus pedunculatus</i>	(Hudson) C. Agardh 1817
	<i>Zonaria tournefortii</i>	(J.V. Lamouroux) Montagne 1846
<b>Rhodophyta</b>	<i>Alsidium corallinum</i>	C. Agardh, 1827
	<i>Ceramium codii</i>	(H.Richards) Mazoyer, 1938.
	<i>Champia parvula</i>	(C. Agardh) Harvey 1853
	<i>Chondria capillaris</i>	(Hudson) M.J. Wynne 1991
	<i>Cryptonemia palmetta</i>	(S.G. Gmelin) Woelkering, G. Furnari, Cormaci & J. McNeill 2019
	<i>Cryptopleura ramosa</i>	(Hudson) L. Newton 1931
	<i>Eupogodon planus</i>	(C. Agardh) Kützing 1845
	<i>Gelidium pectinatum</i>	(Montagne) Montagne 1846
	<i>Gracilaria gracilis</i>	(Stackhouse) Steentoft, L.M. Irvine & Farnham 1995
	<i>Hydrolithon farinosum</i>	(J.V. Lamouroux) Penrose et Y.M. Chamberlain 1993
	<i>Meredithia microphylla</i>	(J. Agardh) J. Agardh 1892
	<i>Osmundaria volubilis</i>	(Linnaeus) R.E. Norris 1991
	<i>Osmundea pelagosae</i>	(Schiffner) K.W. Nam in K.W. Nam,

Maggs & Garbary

<i>Peyssonnelia dubyi</i>	P. Crouan & H. Crouan 1844
<i>Peyssonnelia harveyana</i>	P. Crouan & H. Crouan ex J. Agardh 1851
<i>Peyssonnelia rubra</i>	(Greville) J. Agardh 1851
<i>Phyllophora crispa</i>	(Hudson) P.S. Dixon 1964
<i>Pneophyllum confervicola</i>	(Kützinger) Y.M. Chamberlain 1964
<i>Polysiphonia</i> sp.	Greville, 1823
<i>Rhodophyllis divaricata</i>	(Stackhouse) Papenfuss 1950
<i>Rytidhlaea tinctoria</i>	(Clemente) C. Agardh 1824

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**Crustacea**

<i>Ampelisca pseudospinimana</i>	Bellan-Santini & Kaim-Malka, 1977
<i>Alpheus macrocheles</i>	(Hailstone, 1835)
<i>Ampelisca</i> sp.	Krøyer, 1842
<i>Anapagurus</i> sp.	Henderson, 1886
<i>Anchialina</i> sp.	Norman & Scott, 1906
<i>Anthuridae</i>	Leach, 1814
<i>Apherusa vexatrix</i>	Krapp-Schickel, 1979
<i>Apseudes talpa</i>	(Montagu, 1808)
<i>Aristias neglectus</i>	Hansen, 1888
<i>Asellota</i>	Latreille, 1802
<i>Astacilla mediterranea</i>	Koehler, 1911
<i>Athanas nitescens</i>	(Leach, 1813)
<i>Bodotriidae</i>	T. Scott, 1901
<i>Brachyura</i>	Latreille, 1802
<i>Centraloecetes dellavallei</i>	(Stebbing 1899)
<i>Cheirocratus sundevalli</i>	(Rathke, 1843)
<i>Chondrochelia savignyi</i>	(Kroyer, 1842)
<i>Cymodoce truncata</i>	Leach, 1814
<i>Cypridina mediterranea</i>	(Costa, 1845)
<i>Ebalia edwardsii</i>	Costa, 1838
<i>Elasmopus rapax</i>	Costa, 1853
<i>Elasmopus</i> sp.	Costa, 1853

<i>Eurydice truncata</i>	(Norman, 1868)
<i>Eusirus longipes</i>	Boeck, 1861
<i>Galathea intermedia</i>	Lilljeborg, 1851
<i>Gammarella fucicola</i>	(Leach, 1814)
<i>Gastrosaccinae</i>	Norman, 1892
<i>Gastrosaccus sanctus</i>	(Van Beneden, 1861)
<i>Gnathiidae</i>	Leach, 1814
<i>Haplostylus normani</i>	(G.O. Sars, 1877)
<i>Harpinia zavodniki</i>	Karaman, 1987
<i>Heterotanais oerstedii</i>	(Krøyer, 1842)
<i>Hippomedon massiliensis</i>	Bellan-Santini, 1965
<i>Iphinoe serrata</i>	Norman, 1867
<i>Iphinoe</i> sp.	Bate, 1856
<i>Iphinoe tenella</i>	Sars, 1878
<i>Joeropsis</i> sp.	Koehler, 1885
<i>Leptocheirus guttatus</i>	(Grube, 1864)
<i>Leptocheirus hirsutimanus</i>	(Spence Bate, 1862)
<i>Leptocheirus pectinatus</i>	(Norman, 1869)
<i>Leucothoe richardii</i>	Lesson, 1865
<i>Leucothoe venetiarum</i>	Giordani- Soika, 1950
<i>Linguimaera caesaris</i>	Krapp-Schickel, 2003
<i>Lysianassa costae</i>	H. Milne Edwards, 1830
<i>Lysianassidae</i>	Dana, 1849
<i>Maera grossimana</i>	(Montagu, 1808)
<i>Maera</i> sp.	Leach, 1814
<i>Metaphoxus simplex</i>	(Spence Bate, 1857)
<i>Microdeutopus anomalus</i>	(Rathke, 1843)
<i>Mysidae</i>	Haworth, 1825
<i>Nebalia</i> sp.	Leach, 1814
<i>Nototropis guttatus</i>	Costa, 1853
<i>Pagurus alatus</i>	Fabricius, 1775
<i>Palicus caronii</i>	(P. Roux, 1830 [in P. Roux, 1828-1830])

	<i>Pereionotus testudo</i>	(Montagu, 1808)
	<i>Processa canaliculata</i>	Leach, 1815
	<i>Socarnes filicornis</i>	(Heller, 1866)
	<i>Tanais dulongii</i>	(Audouin, 1826)
	<i>Urothoe elegans</i>	Spence Bate, 1857
	<i>Urothoe</i> sp.	Dana, 1852
<b>Pycnogonida</b>	<i>Achelia echinata</i>	Hodge, 1864
	<i>Anoplodactylus petiolatus</i>	(Krøyer, 1844)
	<i>Callipallene emaciata</i>	(Dohrn, 1881)
	<i>Callipallene producta</i>	(Sars, 1888)
	<i>Nymphon brevirostre</i>	Hodge, 1863
	<i>Nymphon</i> sp.	Fabricius, 1794
	<i>Pantopoda</i> .	Gerstaecker, 1863
	<i>Rhynchothorax</i> sp.	Costa, 1861
<b>Polychaeta</b>	<i>Adercodon pleijeli</i>	Mackie, 1994
	<i>Amphicorina</i> sp.	Claparède, 1864
	<i>Amphiglena mediterranea</i>	(Leydig, 1851)
	<i>Aonides oxycephala</i>	(Sars, 1862)
	<i>Aonides</i> sp.	Claparède, 1864
	<i>Aponuphis bilineata</i>	(Baird, 1870)
	<i>Aponuphis brementi</i>	(Fauvel, 1916)
	<i>Arabella iricolor</i>	(Montagu, 1804)
	<i>Aricidea (Aricidea) pseudoarticulata</i>	Hobson, 1972
	<i>Branchiomma</i> sp.	Kölliker, 1858
	<i>Ceratonereis</i> sp.	Kinberg, 1865
	<i>Chaetozone</i> sp.	Malmgren, 1867
	<i>Chone</i> sp.	Krøyer, 1856
	<i>Chrysopetalum debile</i>	(Grube, 1855)
	<i>Cirrophorus branchiatus</i>	Ehlers, 1908
	<i>Cossura soyeri</i>	Laubier, 1964
	<i>Ditrupa arietina</i>	(O. F. Müller, 1776)
	<i>Euchone</i> sp.	Malmgren, 1866

<i>Eunice pennata</i>	(Müller, 1776)
<i>Eunice vittata</i>	(Delle Chiaje, 1828)
<i>Euphrosine foliosa</i>	Audouin & H Milne Edwards, 1833
<i>Eurysillis tuberculata</i>	Ehlers, 1864
<i>Exogone verugera</i>	(Claparède, 1868)
<i>Fabriciola</i> sp.	Friedrich, 1939
<i>Glycera alba</i>	(O.F. Müller, 1776)
<i>Glycera capitata</i>	Örsted, 1843
<i>Goniada maculata</i>	Örsted, 1843
<i>Hermodice</i> sp.	Kinberg, 1857
<i>Hesione</i> sp.	Lamarck, 1818
<i>Hyalianoecia tubicola</i>	(O.F. Müller, 1776)
<i>Jasmineira caudata</i>	Langerhans, 1880
<i>Jasmineira elegans</i>	Saint-Joseph, 1894
<i>Jasmineira</i> sp.	Langerhans, 1880
<i>Kirkegaardia dorsobranchialis</i>	(Kirkegaard, 1959)
<i>Laonice bahusiensis</i>	Söderström, 1920
<i>Lepidasthenia elegans</i>	(Grube, 1840)
<i>Lumbrineris latreilli</i>	Audouin & Milne Edwards, 1833
<i>Lysidice ninetta</i>	Audouin & H Milne Edwards, 1833
<i>Lysidice unicornis</i>	(Grube, 1840)
<i>Maldane</i> sp.	Grube, 1860
<i>Micronephthys longicornis</i>	(Perejaslavl'tseva, 1891)
<i>Minuspio</i> sp.	Malmgren, 1867
<i>Mysta picta</i>	(Quatrefages, 1866)
<i>Nephtys hystericis</i>	McIntosh, 1900
<i>Nereis</i> sp.	Linnaeus, 1758
<i>Notomastus aberans</i>	Day, 1957
<i>Odontosyllis dugesiana</i>	Claparède, 1864
<i>Orbinia latreillii</i>	(Audouin & H Milne Edwards, 1833)
<i>Owenia fusiformis</i>	Delle Chiaje, 1844
<i>Palola siciliensis</i>	(Grube, 1840)

<i>Paradoneis lyra</i>	(Southern, 1914)
<i>Paralacydonia paradoxa</i>	Fauvel, 1913
<i>Pectinaria auricoma</i>	(O.F. Müller, 1776)
<i>Petta pusilla</i>	Malmgren, 1866
<i>Phyllodoce laminosa</i>	Savigny in Lamarck, 1818
<i>Phyllodoce schmardaei</i>	Day, 1963
<i>Pilargis verrucosa</i>	Saint-Joseph, 1899
<i>Pisone remota</i>	(Southern, 1914)
<i>Polynoe</i> sp.	Lamarck, 1818
<i>Polyophthalmus pictus</i>	(Dujardin, 1839)
<i>Prionospio</i> sp.	Malmgren, 1867
<i>Pseudoleiocapitella fauveli</i>	Harmelin, 1964
<i>Pseudopolydora</i> sp.	Czerniavsky, 1881
<i>Schistomeringos rudolphi</i>	(Delle Chiaje, 1828)
<i>Scoloplos armiger</i>	(Müller, 1776)
<i>Sphaerosyllis bulbosa</i>	Southern, 1914
<i>Sphaerosyllis</i> sp.	Claparède, 1863
<i>Spio</i> sp.	Fabricius, 1785
<i>Streptosyllis bidentata</i>	Southern, 1914
<i>Syllis amica</i>	Quatrefages, 1866
<i>Syllis gracilis</i>	Grube, 1840
<i>Syllis</i> sp.	Lamarck, 1818
<i>Terebellides</i> sp.	Sars, 1835
<i>Vermiliopsis infundibulum</i>	(Philippi, 1844)

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**Mollusca**

<i>Arca tetragona</i>	Poli, 1795
<i>Asperarca nodulosa</i>	(O. F. Müller, 1776)
<i>Astarte sulcata</i>	(da Costa, 1778)
<i>Clausinella fasciata</i>	(da Costa, 1778)
<i>Columbella rustica</i> juv	(Linnaeus, 1758)
<i>Digitaria digitaria</i>	(Linnaeus, 1758)
<i>Dosinia lupinus</i>	(Linnaeus, 1758)
<i>Eulimella</i> sp.	Forbes & M'Andrew, 1846

	<i>Flexopecten glaber</i> juv	(Linnaeus, 1758)
	<i>Gibberula simonae</i>	Smriglio in Giannuzzi-Savelli, Pusateri, Palmeri & Ebreo, 2003
	<i>Gibberula</i> sp juv	Swainson, 1840
	<i>Glans trapezia</i>	(Linnaeus, 1767)
	<i>Gouldia minima</i>	(Montagu, 1803)
	<i>Gregariella semigranata</i>	(Reeve, 1858)
	<i>Isara cornea</i>	(Lamarck, 1811)
	<i>Laevicardium crassum</i>	(Gmelin, 1791)
	<i>Lembulus pella</i>	(Linnaeus, 1758)
	<i>Lepidopleurus</i> sp.	Risso, 1826
	<i>Loripinus fragilis</i>	(Philippi, 1836)
	<i>Lucinella divaricata</i>	(Linnaeus, 1758)
	<i>Modiolula phaseolina</i>	(Philippi, 1844)
	<i>Modiolus barbatus</i>	(Linnaeus, 1758)
	<i>Rocellaria dubia</i>	(Pennant, 1777)
	<i>Solemya togata</i>	(Poli, 1791)
	<i>Timoclea ovata</i>	(Pennant, 1777)
	<i>Venus casina</i>	Linnaeus, 1758
	<i>Volvarina mitrella</i>	(Risso, 1826)
<b>Echinodermata</b>	<i>Amphipholis squamata</i> juv.	(Delle Chiaje, 1828)
	<i>Echinocyamus pusillus</i>	(O.F. Müller, 1776)
	<i>Hacelia attenuata</i> juv.	Gray, 1840
	<i>Ophiothrix fragilis</i> juv.	(Abildgaard in O.F. Müller, 1789)
	<i>Sphaerechinus granularis</i> juv.	(Lamarck, 1816)
	<i>Stylocidaris affinis</i>	(Philippi, 1845)
<b>Sipuncula</b>	<i>Phascolosoma (Phascolosoma) granulatum</i>	Leuckart, 1828
<b>Chordata</b>	<i>Branchiostoma lanceolatum</i>	(Pallas, 1774)