

Supplementary Data 1—List of taxa reported in the Liesberg Member.

SPONGES

Taxa	Reported in:
<i>Astrospongia corallina</i> (Fromentel 1856)	Thurmann & Etallon 1861-64
<i>Ceriospongia mundusstellatus</i> Etallon 1862	Thurmann & Etallon 1861-64
<i>Corynella aspera</i> (Fromentel 1864)	Pümpin 1965
<i>Corynella stellifera</i> Fromentel 1864	Pümpin 1965
<i>Cupulospongia rugosa</i> (Goldfuss 1831)	Thurmann & Etallon 1861-64
<i>Didesmospongia thurmanni</i> Etallon 1864	Thurmann & Etallon 1861-64
<i>Enaulofungia bernensis</i> (Etallon 1864)	Pümpin 1965
<i>Enaulofungia pusilla</i> (Oppliger 1915)	Pümpin 1965
<i>Parendea amicornum</i> (Etallon 1859)	Thurmann & Etallon 1861-64
<i>Parendea astrophora</i> (Münster in Goldfuss 1829)	Thurmann & Etallon 1861-64
<i>Parendea prismatica</i> Etallon 1862	Thurmann & Etallon 1861-64
<i>Parendea cornuta</i> Etallon 1862	Thurmann & Etallon 1861-64
<i>Peronidella floriceps</i> (Etallon 1863)	Thurmann & Etallon 1861-64, Pümpin 1965
<i>Plococoelia obscura</i> Etallon 1864	Thurmann & Etallon 1861-64
<i>Stellispongia glomerata</i> (Quenstedt 1858)	Thurmann & Etallon 1861-64
<i>Stellispongia hybrida</i> (Münster 1841)	Thurmann & Etallon 1861-64
<i>Stellispongia pertusa</i> Etallon 1864	Thurmann & Etallon 1861-64

BIVALVES

<i>Aequipeecten laurae</i> (Etallon 1860)	Pümpin 1965
<i>Camptonectes lens</i> (Sowerby 1818)	Thurmann & Etallon 1861-64
<i>Chlamys episcopalis</i> (De Loriol 1891)	Pümpin 1965, Musée de Géologie de Lausanne
<i>Ctenostreon proboscidea</i> (Sowerby 1820)	Thurmann & Etallon 1861-64, Pümpin 1965
<i>Exogyra quadrata</i> (Etallon 1862)	Pümpin 1965
<i>Lima perrigida</i> Etallon 1962	Thurmann & Etallon 1861-64
<i>Lima renevieri</i> Etallon 1861	Thurmann & Etallon 1861-64
<i>Lima rigida</i> (Sowerby 1818)	Thurmann & Etallon 1861-64
<i>Lima salzgowiae</i> Thurmann 1862	Thurmann & Etallon 1861-64
<i>Lopha</i> sp.	Ziegler 1962
<i>Ostrea deltoidea</i> Sowerby 1816	Thurmann & Etallon 1861-64
<i>Ostrea hastellata</i> (Schlotheim 1820)	Pümpin 1965
<i>Ostrea hastellata</i> (Schlotheim 1820)	Pümpin 1965
<i>Ostrea pulligera</i> Goldfuss 1833	Thurmann & Etallon 1861-64
<i>Pecten articulatus</i> Schlotheim	Thurmann & Etallon 1861-64
<i>Pecten globosus</i> Quenstedt 1843	Thurmann & Etallon 1861-64, Roberts 1887
<i>Pecten laurae</i> Etallon 1860	Thurmann & Etallon 1861-64
<i>Pecten octocostatus</i> Roemer 1836	Thurmann & Etallon 1861-64
<i>Pecten subspinatus</i> Schlotheim 1821	Thurmann & Etallon 1861-64
<i>Pecten suubtextorius</i> Münster 1835	Thurmann & Etallon 1861-64

<i>Pinna</i> sp.	Pümpin 1965
<i>Spondylopecten moreanus</i> (Buvignier 1852)	Pümpin 1965

CORALS

<i>Aplophyllia</i> sp.	Bill 1992
<i>Clausastrea parva</i> Milne-Edwards & Haime 1857	Pümpin 1965
<i>Cryptoecenia limbata</i> (Goldfuss 1829)	Stony coral Koby 1886, Roberts 1887
<i>Dendroarea arborescens</i> (Etallon 1864)	Koby 1886, Roberts 1887
<i>Dermosmilia etalloni</i> Koby 1884	Bill 1992
<i>Dimorpharaea koechlini</i> (Haime 1860)	Pümpin 1965
<i>Dimorpharaea</i> sp.	Platy coral, Rosen et al., 2002
<i>Diplocoenia rotularis</i> (Michelin 1843)	Bill 1992
<i>Epismilia delemontana</i> Koby 1886	Koby 1886, Roberts 1887
<i>Epismilia</i> sp.	Bill 1992
<i>Isastrea explanata</i> (Münster in Goldfuss 1829)	Insalaco 1996
<i>Isastrea</i> sp.	Thick platy coral, Pümpin 1965,
<i>Microsmilia erguelensis</i> (Thurmann 1851)	Solitary coral, Stolarsky 2000
<i>Microsolena thurmanni</i> (Koby 1887)	Bill 1992
<i>Montlivaltia</i> sp.	Solitary coral, Pümpin 1965, Hess et al. 1999
<i>Pseudocoenia suboconis</i> (d'Orbigny 1850)	Bill 1992
<i>Stylina</i> sp.	Pümpin 1965
<i>Thamnasteria concinna</i> (Goldfuss 1826)	Insalaco 1996
<i>Thamnasteria</i> sp.	Platy coral, Hess et al. 1999
<i>Thecosmilia dichotoma</i> Koby 1884	Koby 1886, Roberts 1887
<i>Thecosmilia</i> sp.	Pümpin 1965
<i>Trochocyathus delemontana</i> (Thurmann 1851)	Koby 1888, Stolarsky 2000

Brachiopodes

<i>Nucleata nucleata reticularis</i> (Schlotheim 1820)	Renz et al. 1975
<i>Rhynconella lentiformis</i> Etallon 1862	Thurmann & Etallon 1861-64
<i>Rhynconella</i> sp.	Pümpin 1965
<i>Terebratula insignis</i> Schübler 1832	Thurmann & Etallon 1861-64
<i>Thurmanella obtrita</i> (Defrance 1828)	Thurmann & Etallon 1861-64
<i>Zeilleria bicanaliculata</i> (Schlotheim 1813)	Thurmann & Etallon 1861-64
<i>Zeillerina delemontana</i> (Oppel 1858)	Pümpin 1965

Gastropods

<i>Pseudomelania liesbergensis</i> De Loriol 1890	Pümpin 1965
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Worms

<i>Pannoserpula spiralis</i> (Münster in Goldfuss 1831)	Jäger et al 2001
<i>Serpula liesbergensis</i> Loriol 1896	Musée de Géologie de Lausanne

Echinoids

<i>Cidaris liesbergensis</i> Loriol 1885	Musée de Géologie de Lausanne
<i>Glypticus hieroglyphicus</i> Goldfuss 1826	Hess 1975
<i>Paracidaris blumenbachi</i> (Münster in Goldfuss, 1826)	Hess 1975
<i>Paracidaris florigemma</i> (Phillips 1829)	Hess 1975
<i>Plegiocidaris cervicalis</i> (Agassiz 1840)	Hess 1975
<i>Plegiocidaris coronata</i> (Schlotheim 1820)	Bill 1992

Crinoids

<i>Liliocrinus munsterianus</i> (d'Orbigny 1841)	Hess 1975, Ausisch et al. 1999
<i>Millericrinus knorri</i> Loriol 1878	Pümpin 1965
<i>Millericrinus milleri</i> (Schlotheim 1823)	Pümpin 1965, Hess 1975
<i>Millericrinus milleri pustulosus</i> Hess 1984	Musée de Géologie de Lausanne
<i>Isocrinus pendulus</i> Meyer 1836	Hess 1975
<i>Millericrinus horridus</i> d'Orbigny 1841	Pümpin 1965, Proz 2006
<i>Angulocrinus nodotianus</i> (d'Orbigny 1841)	Pümpin 1965

Ophiuroids

<i>Tylasteria</i> sp.	Ziegler (1962)
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