

OCTOBER 2, 1950

RECORDS OF THE QUEEN VICTORIA MUSEUM,
LAUNCESTON

Notes on Tasmanian Marine Sponges

By

ERIC R. GUILER

(Department of Zoology, University of Tasmania)

Records of the Porifera found in Tasmanian waters are very scanty both as regards species to be encountered and the distribution in Tasmania of species known from the continent of Australia. Several expeditions, notably the 'Challenger', 'Endeavour' and Australian Antarctic Expeditions, have conducted dredging operations off our coasts and the results of these have appeared in the reports issued. The results of sporadic collecting are also to be found in numerous scattered papers, as well as collected works and monographs.

The notes that follow have been compiled from various such sources and in addition contain new records. These new records are all from S. E. Tasmania, the localities being Blackman's Bay, the Derwent Estuary, D'Entrecasteaux Channel, Carlton, Roaring Beach, Seven Mile Beach and South Arm. The Blackman's Bay referred to is that on the estuary of the River Derwent and not the bay of that name on the East Coast.

The list includes species which are found in the waters of Bass Straits but does not include those species found in the Dependency of Macquarie Island, although a species may be noted as also to be found in that area. Species which have been given indefinite localities, such as *Aplysina higginsii* Lendenfeld from Australian Seas (British Museum Collection), have not been included in the lists.

It will be seen that the distribution of the Tasmanian Porifera is not well known. The larger proportion of records for Bass Straits and the East Coast reflects the amount of collecting in these areas. Moreover, the littoral sponges are virtually unknown except for a few species recorded from the southern shores where, however, the sponge fauna is not very rich due to the behaviour of the tides. In D'Entrecasteaux Channel sponges are very plentiful but there are few species—as yet dredging has been carried out only over the scallop beds but it is hoped to make hauls in other places in the near future.

Order CALCAREA

Grantessa hirsuta (Carter).

Recorded from Hobart.

Dendy, 1893.

Leucandra aleicornis (Gray).

Dredged in Bass Straits.

Dendy, 1893.

Leucandra amorpha (Polejaeff).

Dredged three miles off Maria Island.

Shaw, 1927.

<i>Leucandra pandora</i> (Haeckel).		Dendy, 1893.
Dredged in Bass Straits.		
<i>Leucandra pumila</i> (Bowerbank).		Dendy, 1893.
Dredged in Bass Straits.		
<i>Leucilla saccharata</i> (Haeckel).		Ridley, 1884.
Dredged in Bass Straits.		
<i>Leucosolenia tripodifera</i> Carter.		Dendy, 1891.
Dredged off Kent Island, Bass Straits.		
<i>Leucosolenia ventricosa</i> (Carter).		Dendy, 1918.
Dredged off Tasmania.		
<i>Paraleucilla cucumis</i> (Haeckel).		Dendy, 1893.
Dredged in Bass Straits.		
<i>Sycetta primitiva</i> Haeckel.		Dendy, 1893.
Dredged in Bass Straits.		
<i>Sycon arboreum</i> (Haeckel).		Polejaeff, 1883.
Dredged off Moncoeur Island, Bass Straits.		
<i>Sycon gelatinosum</i> (Blainville).		Dendy, 1893.
Dredged in Bass Straits.		
<i>Sycon raphanus</i> Schmidt.		Dendy, 1893.
King Island, Bass Straits.		

Order TETRAXONIDA

<i>Acanthella hircinopsis</i> Carter.		Burton, 1938.
Dredged off Maria Island.		
<i>Acanthella stipitata</i> Carter.		Carter, 1881.
Bass Straits.		
<i>Anthastra communis</i> Sollas.		Sollas, 1888.
Dredged off East Moncoeur Island.		
? <i>Arenochalina mirabilis</i> Lendenfeld.		
Dried specimen on shore, Seven Mile Beach. (Ident.: Dr Burton).		
<i>Callyspongia diffusa</i> (Ridley).		
Growing in fronds of <i>Rhaphidophlus typicus</i> var.		
? <i>obesus</i> Hallman at Seven Mile Beach, April 1948.		
(Ident.: Dr Burton).		
<i>Callyspongia ramosa</i> Gray.		Burton, 1938.
Dredged off Maria Island.		
<i>Chalina</i> sp.		Ridley and Dendy, 1887.
Dredged in Bass Straits.		
<i>Chalina pergamantacea</i> Ridley.		Ridley and Dendy, 1887.
Dredged in Bass Straits.		
<i>Chalinopsilla arborea</i> var. <i>ramosa</i> (Marshall).		
Dredged in Bass Straits.		Marshall, 1880.
Dredged off East Moncoeur Island.		Polejaeff, 1884.
Washed on shore at Blackman's Bay, May 1948.		
<i>Chalinopsilla australis</i> var. <i>reticulata</i> Lendenfeld.		
Dredged 3 miles north of Maria Island.		Shaw, 1927.
<i>Chondropsis kirkii</i> (Carter).		
Dredged off Maria Island.		Burton, 1938.
<i>Clathria costifera</i> Hallmann.		
Dredged off east coast of Flinders Island.		Hallmann, 1912.

<i>Clathria elegantula</i> Ridley and Dendy.		
Dredged off East Moncoeur Island, Bass Straits.	Ridley and Dendy, 1887.	
<i>Clathria rubens</i> (Lendenfeld).		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
Dredged off Maria Island.	Burton, 1938.	
<i>Clathria transiens</i> Hallmann.		
Dredged 3 miles north of Maria Island, East Coast.	Shaw, 1927.	
Dredged off Devonport.	Hallmann, 1912.	
<i>Cliona vastilicata</i> Hancock.		
Dredged near Maria Island.	Burton, 1938.	
<i>Crella incrustans</i> (Carter).		
Dredged near Maria Island, East Coast.	Burton, 1938.	
Washed on the shore, Seven Mile Beach, April 1948.		
<i>Crella incrustans</i> var. <i>digitata</i> Hallmann.		
Dredged Oyster Bay, East Coast.	Hallmann, 1912.	
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
<i>Dendoricella schmidti</i> (Ridley).		
On red weed debris at Blackman's Bay, April 1948. (Ident.: Dr Burton).		
<i>Echinochalina carteri</i> Ridley and Dendy.		
Dredged in 38 fathoms, Bass Straits.	Ridley and Dendy, 1886.	
<i>Echinochalina glabra</i> Ridley and Dendy.		
Dredged off East Moncoeur Island.	Ridley and Dendy, 1887.	
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
<i>Echinochalina intermedia</i> (Whitelegge).		
Dredged 3 miles off Maria Island.	Shaw, 1927.	
<i>Echinochalina reticulata</i> Whitelegge.		
Dredged off east coast of Flinders Island.	Hallmann, 1912.	
<i>Echinocladthria arenifera</i> Ridley and Dendy.		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
<i>Echinocladthria favus</i> (Carter).		
Dredged off East Moncoeur Island.	Ridley and Dendy, 1887.	
Dredged off Devonport.	Hallmann, 1912.	
<i>Echinocladthria rotinda</i> Hallmann.		
Large masses round stones dredged in 10 fathoms in D'Entrecasteaux Channel, January 1948. (Ident.: Dr Burton).		
<i>Echinodictyum bilamellatum</i> (Lamarck).		
Dredged off Maria Island.	Burton, 1938.	
<i>Esperella arenicola</i> Ridley and Dendy.		
Dredged off East Moncoeur Island, Bass Straits.	Ridley and Dendy, 1886.	
<i>Gelliodes fibulata</i> Ridley.		
Recorded in Bass Straits	Ridley, 1884.	
<i>Haliclona corticata</i> (Lendenfeld).		
Washed ashore on red weed debris, Blackman's Bay, April 1948. (Ident.: Dr Burton).		
<i>Hamigera dendyi</i> Shaw.		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
<i>Hymeniacidon perlevis</i> (Montagu).		
Below stones Seven Mile Beach, Blackman's Bay and D'Entrecasteaux Channel. (Ident.: Dr Burton).		

<i>Jaspis stellifera</i> (Carter).		
Dredged 3 miles north of Maria Island.		Shaw, 1927.
<i>Mycale obscura</i> Carter.		
Dredged 3 miles north of Maria Island.		Shaw, 1927.
<i>Mycale parasitica</i> var. <i>arenosa</i> Hentschel.		
Dredged 3 miles north of Maria Island.		Shaw, 1927.
<i>Mycale raphidiophora</i> Hentschel.		
Dredged 3 miles north of Maria Island.		Shaw, 1927.
<i>Ophlitaspongia chalinoides</i> (Carter).		
Dredged near Maria Island.		Burton, 1938.
<i>Ophlitaspongia inornata</i> Hallman.		
Dredged near Maria Island.		Burton, 1938.
<i>Pachychalina elongata</i> Ridley and Dendy.		
Dredged in Bass Straits.		Ridley and Dendy, 1887.
<i>Pachychalina ? punctata</i> Ridley and Dendy.		
Dredged in Bass Straits.		Ridley and Dendy, 1886.
<i>Phakellia flabellata</i> Carter.		
Dredged 3 miles north of Maria Island.		Shaw, 1927.
<i>Phorbas arborescens</i> (Ridley).		
Washed ashore on Seven Mile Beach, April 1948. (Ident.: Dr Burton).		
<i>Phoriospongia reticulum</i> Marshall.		
Dredged in Bass Straits.		Marshall, 1880.
<i>Phoriospongia solida</i> Marshall.		
Dredged in Bass Straits.		Marshall, 1880.
<i>Pilichrota lendenfeldi</i> Sollas.		
Dredged off East Moncoeur Island, Bass Straits.		Sollas, 1888.
<i>Plumulchalichondria purpurea</i> Carter.		
Dredged 3 miles north of Flinders Island.		Shaw, 1927.
<i>Polymastia craticia</i> Hallman.		
Dredged 3 miles north of Maria Island.		Shaw, 1927.
<i>Psammastra murrayi</i> Sollas.		
Dredged off East Moncoeur Island.		Sollas, 1888.
<i>Psammochela rigida</i> (Bowerbank).		
Found on red weed debris, Blackman's Bay, April 1948. (Ident.: Dr Burton).		
<i>Raspailia cacticutis</i> (Carter).		
Dredged 3 miles north of Maria Island.		Shaw, 1927.
<i>Rhabdosigma mammillata</i> (Whitelegge).		
Dredged 3 miles north of Maria Island.		Shaw, 1927.
<i>Rhaphidophorus paucispinus</i> Lendenfeld.		
Washed ashore on Seven Mile Beach, April 1948.		
<i>Rhaphidophorus typicus</i> var. <i>favosus</i> Whitelegge.		
Dredged in Oyster Bay, East Coast.		Hallmann, 1912.
<i>Rhaphidophorus typicus</i> var. ? <i>obesus</i> Hallmann.		
Washed ashore on Seven Mile Beach, April 1948.		
<i>Rhaphidophorus typicus</i> var. <i>proximus</i> Hallmann.		
Dredged off Maria Island.		Burton, 1938.
<i>Rhaphidophorus typicus</i> var. <i>stellifer</i> Hallmann.		
Dredged off east coast of Flinders Island.		Hallmann, 1912.
Dredged 3 miles north of Maria Island.		Shaw, 1927.

Rhaphoxya typica Hallmann.		
Under stones and rocks at Carlton and Seven Mile Beach. (Ident.: Dr Burton).		
Rhizaxinella radiata Hentschel.	Burton, 1938.	
Dredged off Maria Island.		
Sigmosceptrella fibrosa Dendy.	Shaw, 1927.	
Dredged 3 miles north of Maria Island.		
Siphonochalina annulata Ridley and Dendy.	Ridley and Dendy, 1886.	
Dredged in Bass Straits.		
Spirastrella massa Ridley and Dendy.	Ridley and Dendy, 1887.	
Dredged in Bass Straits.		
Spirastrella solida Ridley and Dendy.		
Massive encrustations on stones dredged in 10 fathoms in the D'Entrecasteaux Channel, January 1948. (Ident.: Dr Burton).		
Stelletta communis (Sollas).		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
Dredged near Maria Island.	Burton, 1938.	
Stelletta parvispicula (Sollas).	Burton, 1938.	
Dredged near Maria Island.		
Suberites antarcticus Carter.	Shaw, 1927.	
Dredged 3 miles north of Maria Island.		
Suberites caminatus Ridley and Dendy.	Shaw, 1927.	
Dredged 3 miles north of Maria Island.		
Suberites carnosus (Johnston).	Shaw, 1927.	
On a <i>Pecten</i> shell, dredged 3 miles north of Maria Island.		
On <i>Clausinella placida</i> Philippi (Mollusca-Pelecypoda) at Roaring Beach and South Arm. (Ident.: Dr Burton).		
Suberites difficilis Dendy var.	Shaw, 1927.	
Dredged 3 miles north of Maria Island.		
Tedania bispinata Hentschel.		
On red weed debris, Blackman's Bay, April 1948. (Ident.: Dr Burton).		
Tedania commixta Ridley and Dendy.	Shaw, 1927.	
Dredged 3 miles north of Maria Island.		
Tedania digitata Schmidt.	Shaw, 1927.	
Dredged 3 miles north of Maria Island.		
Tethya diploderma Schmidt.		
In sheltered rock crevices in Derwent Estuary (Ident.: Dr Burton).		
Tetrapocillon novaezealandiae Brondsted.		
Dredged in 10 fathoms in D'Entrecasteaux Channel, January 1948. (Ident.: Dr Burton).		
Wilsonella dura (Whitelegge).		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
Wilsonella oxyphila Hallmann.	Hallmann, 1912.	
Dredged ? Oyster Bay.		
Wilsonella pyramida (Lendenfeld).		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	

Order EUCERATOSA

<i>Aulena gigantea</i> Lendenfeld.		
Dredged off Maria Island.	Burton, 1938.	
<i>Aulena gigantea</i> var. <i>micropora</i> Lendenfeld.		
On red weed debris, Blackman's Bay.		
<i>Aulena laxa</i> Lendenfeld.		
Dredged off Maria Island.	Burton, 1938.	
<i>Coscinoderma pyriforme</i> (Hyatt).		
Tasmania (British Museum Collection).	Lendenfeld, 1889.	
<i>Dendrilla cavernosa</i> Lendenfeld.		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
<i>Dendrilla rosea</i> Lendenfeld.		
Bass Straits.	Selenka, 1867.	
<i>Fasciospongia conulata</i> var. <i>australis</i> (Lendenfeld).		
Dredged near Maria Island.	Burton, 1938.	
<i>Fasciospongia fovea</i> (Lendenfeld).		
Tasmania,	Lendenfeld, 1889.	
Australia—all coasts.	Burton, 1934.	
<i>Hippopsporgia equina</i> var. <i>elastica</i> (Schmidt).		
Tasmania (British Museum Collection).	Lendenfeld, 1889.	
<i>Hippopsporgia galea</i> (Lendenfeld).		
Tasmania (British Museum Collection).	Lendenfeld, 1889.	
<i>Hircinia muscarum</i> (Schmidt).		
Dredged off East Moneoeur Island.	Polejaeff, 1884.	
<i>Leiosella illawarra</i> Lendenfeld.		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
<i>Leiosella levis</i> (Lendenfeld).		
Tasmania (British Museum Collection).	Lendenfeld, 1889.	
<i>Oligoceras foliacuum</i> (Polejaeff).		
Bass Straits and dredged off East Moneoeur Island.	Polejaeff, 1884.	
<i>Psammopemma densum</i> Marshall.		
Tasmania.	Marshall, 1880.	
<i>Sigmatella australis</i> var. <i>tubaria</i> (Carter).		
Bass Straits.	Marshall, 1880.	
Weed debris, Blackman's Bay, April 1948.		
<i>Sigmatella corticata</i> Lendenfeld.		
Bass Straits.	Marshall, 1880	
Dredged in 10 fathoms in D'Entrecasteaux Channel and on red weed debris, Blackman's Bay. (Ident.: Dr Burton).		
<i>Sigmatella corticata</i> var. <i>elegans</i> (Bowerbank).		
In weed debris, Blackman's Bay, April 1948.		
<i>Sigmatella corticata</i> var. <i>papillosa</i> Lendenfeld.		
Bass Straits.	Marshall, 1880.	
<i>Spongelia elastica</i> var. <i>crassa</i> Dendy.		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
<i>Spongelia elegans</i> Nardo.		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	
<i>Spongelia hirciniformis</i> (Carter).		
Dredged 3 miles north of Maria Island.	Shaw, 1927.	

<i>Spongelia horrens</i> Selenka.				
Bass Straits.				Lendenfeld, 1889.
<i>Stelospongia canalis</i> Lendenfeld.				
Tasmania.				Lendenfeld, 1889.
<i>Thorectes byssoides</i> (Lamarck).				
Tasmania (British Museum Collection).				Lendenfeld, 1889.

DISTRIBUTION OF THE PORIFERA

CALCAREA	East Coast	Bass Strait	South	West
<i>Grantessa hirsuta</i> (Carter)			x	
<i>Leucandra alcicornis</i> (Gray)			x	
<i>amorpha</i> (Polejaeff)	x			
<i>pandora</i> (Haeckel)		x		
<i>pumila</i> (Bowerbank)		x		
<i>Leucilla saccharata</i> (Haeckel)		x		
<i>Leucosolenia tripodifera</i> Carter		x		
<i>ventricosa</i> (Carter)		(Tasmania)		
<i>Paraleucilla cucumis</i> (Haeckel)		x		
<i>Sycetta primitiva</i> Haeckel		x		
<i>Sycon arboreum</i> (Haeckel)		x		
<i>gelatinosum</i> (Blainville)		x		
<i>raphanus</i> Schmidt		x		
TETRAXONIDA				
<i>Acanthella hircinopsis</i> Carter		x		
<i>stipitata</i> Carter		x		
<i>Anthastra communis</i> Sollas		x		
? <i>Arenochalina mirabilis</i> Lendenfeld			x	
<i>Callyspongia diffusa</i> (Ridley)			x	
<i>ramosa</i> Gray	x			
<i>Chalina</i> sp.			x	
<i>pergamentacea</i> Ridley		x		
<i>Chalinopsilla arborca</i> var. <i>ramosa</i> (Marshall)		x	x	
<i>australis</i> var. <i>reticulata</i> Lend.	x			
<i>Chondropsis kirkii</i> (Carter)	x			
<i>Clathria costifera</i> Hallmann			x	
<i>elegantula</i> Ridley & Dendy		x		
<i>rubens</i> (Lendenfeld)	x			
<i>transiens</i> Hallmann	x	x		
<i>Cliona vastilicata</i> Hancock	x			
<i>Crella incrustans</i> (Carter)	x		x	
<i>incrusted</i> var. <i>digitata</i> Hall.	x		x	
<i>Dendoricella schmidii</i> (Ridley)			x	

	East Coast	Bass Strait	South	West
<i>Echinochalina carteri</i> Ridley & Dendy		x		
<i>glabra</i> Ridley & Dendy	x	x		
<i>intermedia</i> (Whitelegge)	x			
<i>reticulata</i> Whitelegge		x		
<i>Echinoelathria arenifera</i> R. & Dendy	x			
<i>favus</i> (Carter)		x		
<i>rotunda</i> Hallmann			x	
<i>Echinodictyum bilamellatum</i> (Lam.)	x			
<i>Esperella arenicola</i> Ridley & Dendy		x		
<i>Gelliodes fibulata</i> Ridley		x		
<i>Haliclona corticata</i> (Lendenfeld)			x	
<i>Hamigera dendyi</i> Shaw	x			
<i>Hymeniacidon perlevis</i> (Montagu)			x	
<i>Jaspis stellifera</i> (Carter)	x			
<i>Mycale obscura</i> Carter	x			
<i>parasitica</i> var. <i>arenosa</i> Hents.	x			
<i>raphidiophora</i> Hentschel	x			
<i>Ophlitaspongia ehalinoides</i> (Carter)	x			
<i>inornata</i> Hallmann	x			
<i>Pachychalina elongata</i> Ridley & Dendy			x	
<i>?punctata</i> Ridley & Dendy		x		
<i>Phakellia flabellata</i> Carter	x			
<i>Phorbas arborescens</i> (Ridley)			x	
<i>Phoriospongia solida</i> Marshall		x		
<i>reticulum</i> Marshall		x		
<i>Pilochrota lendenfeldi</i> Sollas		x		
<i>Plumulohaliehondria purpurea</i> Carter		x		
<i>Polymastia eraticia</i> Hallmann	x			
<i>Psammastera murrayi</i> Sollas		x		
<i>Psammochela rigida</i> (Bowerbank)			x	
<i>Raspailia eaeticutis</i> (Carter)	x			
<i>Rhabdosigma mammillata</i> (Whitelegge)	x			
<i>Rhaphidophorus paucispinus</i> Lendenfeld			x	
<i>typicus</i> var. <i>favosus</i> Whit.	x			
<i>typicus</i> var. <i>?obesus</i> Hall.			x	
<i>typicus</i> var. <i>proximus</i> Hall.	x			
<i>typicus</i> var. <i>stellifer</i> Hall.	x	x		
<i>Rhopoxya typica</i> Hallmann			x	
<i>Rhizaxinella radiata</i> Hentschel	x			
<i>Sigmoseptrella fibrosa</i> Dendy	x			
<i>Siphonochalina annulata</i> Ridley & Dendy			x	
<i>Spirastrella massa</i> Ridley & Dendy			x	
<i>solida</i> Ridley & Dendy			x	
<i>Stelletta communis</i> (Sollas)	x			
<i>parvispicula</i> (Sollas)	x			

	East Coast	Bass Strait	South	West
<i>Suberites antarcticus</i> Carter	x			
<i>caminatus</i> Ridley & Dendy	x			
<i>carnosus</i> (Johnston)	x		x	
<i>difficilis</i> Dendy	x			
<i>Tedania bispinata</i> Hentschel			x	
<i>commixta</i> Ridley & Dendy	x			
<i>digitata</i> Schmidt	x			
<i>Tethya diploderma</i> Schmidt			x	
<i>Tetrapocillon novae-zealandiae</i> Bron.			x	
<i>Wilsonella dura</i> (Whitelegge)	x			
<i>oxyphila</i> Hallmann	x			
<i>pyramida</i> (Lendenfeld)	x			
EUCERATOSA				
<i>Aulena gigantea</i> Lendenfeld	x			
<i>gigantea</i> var. <i>micropora</i> Lenden.			x	
<i>laxa</i> Lendenfeld	x			
<i>Coscinoderma pyriforme</i> (Hyatt)			(Tasmania)	
<i>Dendrilla cavernosa</i> Lendenfeld	x			
<i>rosea</i> Lendenfeld			x	
<i>Fasciospongia conulata</i> var. <i>australis</i> (Lenden.)	x			
<i>fovea</i> (Lendenfeld)			(Tasmania)	
<i>Hippospongia equina</i> var. <i>elastica</i> (Sehmiet)			(Tasmania)	
<i>galea</i> (Lendenfeld)			(Tasmania)	
<i>Hircinia muscarum</i> (Sehmiet)			x	
<i>Leiosella illawarra</i> Lendenfeld	x			
<i>levis</i> (Lendenfeld)			(Tasmania)	
<i>Oligoceras foliaceum</i> (Polejaeff)		x		
<i>Psammopemma densum</i> Marshall			(Tasmania)	
<i>Sigmatella australis</i> var. <i>tubaria</i> (Carter)	x		x	
<i>corticata</i> Lendenfeld		x	x	
<i>corticata</i> var. <i>elegans</i> (Bowerbank)			x	
<i>corticata</i> var. <i>papillosa</i> Lendenfeld		x		
<i>Spongelia elastica</i> var. <i>crassa</i> Dendy	x			
<i>elegans</i> Nardo	x			
<i>hirciniformis</i> (Carter)	x			
<i>horrens</i> Selenka		x		
<i>Stelospongia canalis</i> Lendenfeld			(Tasmania)	
<i>Thorectes byssoides</i> (Lam.)			(Tasmania)	

ACKNOWLEDGMENTS

I am indebted to Dr M. Burton of the British Museum (Natural History) who very kindly identified for me a number of the species I have listed here as new records from Tasmania.

REFERENCES

- BURTON, M., 1934.—Sponges. *Rept. Great Barrier Reef Exped., 1928-29*, 4, 14, pp. 513-621, pls. 1, 2.
- _____, 1938.—Non-calcareous sponges. *Rept. Aust. Antarct. Exped., 1911-14*, ser. C, 9, 5, pp. 1-22.
- CARTER, H. J., 1881.—History and classification of the known species of *Spongilla*. *Ann. Mag. nat. Hist.*, ser. 5, 7, pp. 77-107, pls. 5, 6.
- DENDY, A., 1891.—A monograph of the Victorian sponges. Part 1.—The organisation and classification of the Calcarea Homocoela, with descriptions of the Victorian species. *Trans. roy. Soc. Vict.*, 3, 1, pp. 1-81, pls. 1-11.
- _____, 1893.—Synopsis of the Australian Calcarea Heterocoela; with a proposed classification of the group and descriptions of some new genera and species. *Proc. roy. Soc. Vict.*, 5 n.s., pp. 69-116.
- _____, 1918.—Calcareous sponges. *Rept. Aust. Antarct. Exped., 1911-14*, ser. C, 6, 1, pp. 1-17, pl. 1.
- _____, 1924.—Porifera. Part 1.—Non-Antarctic sponges. *Brit. Antarct. ('Terra Nova') Exped., 1910*, Zool., 6, 3, pp. 269-392, pls. 1-15.
- HALLMANN, E. F., 1912.—Report on the sponges obtained by the F.I.S. 'Endeavour' on the coasts of New South Wales, Victoria, South Australia, Queensland, and Tasmania. Part 1. *Zool. Res. F.I.S. 'Endeavour'*, 1909-10, 1, 2, pp. 117-300, pls. 21-36.
- LENDENFELD, R. von, 1889.—*A monograph of the horny sponges*. (Royal Society, London.)
- MARSHALL, W., 1880.—Untersuchungen über Dysisiden und Phoriospongien. *Zeits. wiss. Zool.*, 35, 1, pp. 88-129, pls. 6-8.
- POLEJAEFF, N., 1883.—Report on Calcarea dredged by H.M.S. Challenger during the years 1873-76. *Rept. Voy. Challenger*, Zool., 8, 24, pp. 1-76, pls. 1-9.
- _____, 1884.—Report on the Keratosa collected by H.M.S. Challenger during the years 1873-76. *Rept. Voy. Challenger*, Zool., 11, 31, pp. 1-88, pls. 1-10.
- RIDLEY, S. O., 1884.—Spongida. *Rept. zool. Coll. Voy. 'Alert'*, 1881-2, pp. 366-482, pls. 39-43.
- _____, 1887.—Report on the Monaxonida collected by H.M.S. Challenger during the years 1873-76. *Rept. Voy. Challenger*, Zool., 20, 59, pp. i-lxviii, 1-275, pls. 1-51.
- _____, and DENDY, A., 1886.—Preliminary report on the Monaxonida collected by H.M.S. 'Challenger'. *Ann. Mag. nat. Hist.*, ser. 5, 18, pp. 325-351, 470-493.
- SELENKA, E., 1867.—Über einige neue Schwämme aus der Südsee. *Zeits. wiss. Zool.*, 17, pp. 565-571, pl. 35.
- SHAW, M. E., 1927.—On a collection of sponges from Maria Island, Tasmania. *Proc. zool. Soc. Lond.*, for 1927, 2, pp. 419-439, pl. 1.
- SOLLAS, W. J., 1888.—Report on the Tetractinellida collected by H.M.S. 'Challenger' during the years 1873-76. *Rept. Voy. Challenger*, Zool., 25, 63, pp. i-cxvi, 1-458, pls. 1-44.