

burrow'd in decayed timber covered with the tide except at low water beyond Saundersfoot

P. candidus

Barnea candida (Linnaeus, 1758)

D° D°--beyond Saundersfoot 5 miles fm Tenby

P. parvus

Barnea parva (Pennant, 1777)

burrowed in soft stone St Catherines rock

P. crispatus

Zirfaea crispata (Linnaeus, 1758)

in clay near Milford Haven

P. variety of P. dactylus

D° in soft stone St. C°s rock

Pholas crassa variety of **P. dactylus**

St Catherine's Rock

Teredo

T. navalis Linnaeus, 1758

Teredo navalis Linnaeus, 1758

in decayed piles at the back of Tenby Pier in a large piece of timber picked up by a vessel in Carmarthen Bay

T. sulcata nov.

manuscript name

Mya

M. pholadia Montagu, 1803

Rocellaria dubia (Pennant, 1777)

burrowed in the lower valve of large old oyster shells

– **arenaria** Linnaeus, 1758

Mya arenaria Linnaeus, 1758

half a foot below the surface of sand & gravel at the island of Caldy

– **truncata** Linnaeus, 1758

Mya truncata Linnaeus, 1758

lodged under gravel near low water mark

– **margaritifera** Linnaeus, 1758

Margaritifera margaritifera (Linnaeus, 1758)

rapid rivers Pembrokeshire

– **pictorum** Linnaeus, 1758

Unio pictorum (Linnaeus, 1758)

D° D°

– **inaequivalvis** Montagu, 1803

Corbula gibba (Olivi, 1792)

on South Sands & Saundersfoot Sands

– **suborbicularis** Montagu, 1803

Kellia suborbicularis (Montagu, 1803)

embedded in Limestone

– **pubescens** Pulteney, 1799

Thracia pubescens (Pulteney, 1799)

on South Sands & Saundersfoot Sands

– **praetenuis** Pulteney, 1799

Cochlodesma praetenuis (Pulteney, 1799)

D° D°

– **distorta** Montagu, 1803

Thracia distorta (Montagu, 1803)

among boat refuse after dredging

– **bidentata** Montagu, 1803

Kurtiella bidentata (Montagu, 1803)

burrowed in the valves of old oyster shells, S. Sands

– **ferruginosa** Montagu, 1803

Tellimya ferruginosa (Montagu, 1803)

on the South Sands

– **prismatica** Montagu, 1808

Abra prismatica (Montagu, 1808)

on the shore near Manorbier

– **substriata** Montagu, 1803

Montacuta substriata (Montagu, 1808)

on the spines of an Echinus dredged in the Bay

– **purpurea** Montagu, 1808

Turtonia minuta (Fabricius, 1780)

beyond Manorbier

Mactra

M. solida Linnaeus, 1758

Spisula solida (Linnaeus, 1758)

Muscle bank under Gilter Rocks

– **subtruncata** da Costa, 1778

Spisula subtruncata (da Costa, 1778)

sandy beach Saundersfoot

– **stultorum** Linnaeus, 1758

Mactra stultorum (Linnaeus, 1758)

D° D° & South Sands

– **dealbata** Pulteney in Montagu, 1803

Standella pellucida (Gmelin, 1791)

This is an exotic species, not clear what Lyons had

D° D° D°

– **compressa** Pulteney, 1799

Scrobicularia plana (da Costa, 1778)

at the mouth of the river near Tenby

– **boysii** Montagu, 1803

Abra alba (W. Wood, 1802)

beach near Saundersfoot

– **triangularis** Montagu, 1803

Goodallia triangularis (Montagu, 1803)

sand from Caldy

– **lutraria** Linnaeus, 1758

Lutraria lutraria (Linnaeus, 1758)

at D° and South Sands

– **hians** Pulteney, 1799

Lutraria oblonga (Gmelin, 1791)

D° D° & Fishguard

– **truncata** Montagu, 1808

Spisula solida (Linnaeus, 1758)

Muscle Bank

– **minutissima** Montagu, 1808

Goodallia triangularis (Montagu, 1803)

in sand from Caldy

– **cinerea**, large variety of **M. stultorum**

Montagu, 1803

Mactra stultorum (Linnaeus, 1758)

Donax

D. trunculus Linnaeus, 1758

Donax trunculus Linnaeus, 1758

- plentiful between Tenby & Llaugharne
- *rubra* Montagu, 1808
Uncertain but from Turton it is probably *Ervilia castanea* Montagu, 1803
in fine sand from Caldy Island
- *irus* Linnaeus, 1758
Irus irus (Linnaeus, 1758)
thrown upon the S. Sands after a storm

Venus

- V. — *fasciata*
Clausinella fasciata (E.M. da Costa, 1778)
on the South Sands
- *paphia* Montagu, 1803
Clausinella fasciata (E.M. da Costa, 1778)
in oyster boats Milford Haven
- *verrucosa*
Venus verrucosa Linnaeus, 1758
D°_ D°_ and on the South Sands
- *striatula*
Chamelea striatula (E.M. da Costa, 1778)
on the sands Saundersfoot
- *islandica*
Arctica islandica (Linnaeus, 1767)
D°_ D°_ and Gilter
- *exoleta*
Dosinia exoleta (Linnaeus, 1758)
D°_ D°_ South Sands
- *undata*
Mysia undata (Pennant, 1777)
North Sands and D°
- *sinuosa*
Mysia undata (Pennant, 1777)
D°, very rare
- *ovata*
Timoclea ovata (Pennant, 1777)
on all parts of the sands
- *decussata*
Ruditapes decussatus (Linnaeus, 1758)
Caldy island
- *pullastra* Montagu, 1803
Venerupis corrugata (Gmelin, 1791)
D°_ South Sands
- *perforans* Montagu, 1803
Venerupis corrugata (Gmelin, 1791)
St Catherines
- *virginea* Linnaeus, 1758 nom. dub.
Politapes rhomboides (Pennant, 1777)
on the South Sands & in the trawl much larger size
- *aurea*
Politapes aureus (Gmelin, 1791)
D°_ D°_ and from off Lands End
- *sulcata*
Astarte sulcata (E.M. da Costa, 1778)
Oyster boats Milford Haven
- *danmonia* Montagu, 1808
Astarte sulcata (E.M. da Costa, 1778)
on the South Sands

- *scotica* Maton & Racket, 1807
Astarte sulcata (da Costa, 1778)
D°_ and from the Trawler
- *lactea* Donovan, 1803
Venus casina Linnaeus, 1758
D°_ D°_
- *cassina*
Venus casina Linnaeus, 1758
Milford Haven
- *reflexa* Montagu, 1808
Venus casina Linnaeus, 1758
D°_ D°_
- *triangularis*
Gouldia minima (Montagu, 1803)
Oyster boats Milford Haven

Solen

- S. *siliqua*
Ensis siliqua (Linnaeus, 1758)
buried to the depth of a foot, S. Sands
- *ensis*
Ensis ensis (Linnaeus, 1758)
D°_ D°_ near low water mark
- *vagina*
Solen marginatus Pulteney, 1799
D°_ the sands Saundersfoot
- *pellucidus*
Phaxas pellucidus (Pennant, 1777)
Saundersfoot D°_ two miles from Tenby
- *legumen*
Pharus legumen (Linnaeus, 1758)
D°_ D°_ and South Sands
- *antiquatus* Pulteney, 1799
Azorinus chamasolen (da Costa, 1778)
rare Milford Haven
- *minutus* Linnaeus, 1767
Hiatella arctica (Linnaeus, 1767)
Oyster boats &c_
- *vespertinus* Gmelin, 1791
Gari depressa (Pennant, 1777)
on the coast near Milford Haven
- *floridus* Psammobia floridus of Turton 1822
Gari tellinella (Lamarck, 1818)
S. Sands
- *pinna*
Pandora pinna (Montagu, 1803)
Dredged off Caldy
- *squamosus*
Lepton squamosum (Montagu, 1803)
among refuse of Oyster boats

Tellina

- T. *fervensis*
Gari fervensis (Gmelin, 1791)
on all parts of the coast of Pembrokeshire
- D°_ variety, bright yellow
Gari fervensis (Gmelin, 1791)
S. Sands after a storm of wind
- *squalida*
Tellina incarnata Linnaeus, 1758

- on the sands Saundersfoot
- donacina
Moerella donacina (Linnaeus, 1758)
dredged in the bay and on South Sands
- tenuis
Macomangulus tenuis (E.M. da Costa, 1778)
on all parts of the sands
- fabula
Fabulina fabula (Gmelin, 1791)
plentiful on Saundersfoot sandy shore
- solidula Pulteney, 1799
Limecola balthica (Linnaeus, 1758)
common in the bays along the coast
- crassa
Arcopagia crassa (Pennant, 1777)
in the trawl off Worms Head
- D°_ variety, half grown shell
Arcopagia crassa (Pennant, 1777)
Milford
- T. radula Montagu, 1803
Lucinoma borealis (Linnaeus, 1767)
sea shore Caldy Island
- rotundata
Diplodonta rotundata (Montagu, 1803)
D°_ D°_ D°_
- maculata, a variety of of T. tenuis Adams
Arcopella balaustina (Linnaeus, 1758)
- fragilis
Gastrana fragilis (Linnaeus, 1758)
sandy beach about two miles from Tenby

Cardium

- C. edule
Cerastoderma edule (Linnaeus, 1758)
on all coasts where the shore is sandy
- D°_ variety
Cerastoderma edule (Linnaeus, 1758)
near Gilter Rocks
- echinatum
Acanthocardia echinata (Linnaeus, 1758)
by dredging
- ciliare
Cardium ciliare Linnaeus, 1758. nomen dubium
D°_ & South Sands after a gale
- laevigatum
Laevicardium crassum (Gmelin, 1791)
dredging in Tenby Bay
- exiguum
Parvicardium exiguum (Gmelin, 1791)
D°_ & and on the shore
- rubrum
Lasaea rubra (Montagu, 1803)
on St Catherines rocks half tide
- fasciatum Montagu, 1803
Parvicardium pinnulatum (Conrad, 1831)
on the coast and at Laugharne of a large size
- corneum
Sphaerium corneum (Linnaeus, 1758)
in a small river near Tenby

- amnicum
Pisidium amnicum (O.F. Müller, 1774)
D°_ D°_
- lacustre
Musculium lacustre (O.F. Müller, 1774)
D°_ D°_ and ponds

Arca

- A. pilosa Linnaeus, 1767
Glycymeris glycymeris (Linnaeus, 1758)
oyster boats Milford Haven
- lactea
Striarca lactea (Linnaeus, 1758)
on the South Sands
- noae
probably *Arca tetragona* Poli, 1795. *noae* is
Mediterranean
dredged off Mumstone in the bay
- barbata var. of A. perforans Turton, 1819
Striarca lactea (Linnaeus, 1758)
D°_ near Milford
- minuta
Nuculana minuta (O.F. Müller, 1776)
dredged off Caldy
- nucleus
Nucula nucleus (Linnaeus, 1758)
at Saundersfoot sands & cr

Pecten

- P. maximus
Pecten maximus (Linnaeus, 1758)
dredged from oyster beds in the bay
- jacobaeus
Pecten jacobaeus (Linnaeus, 1758) not British
on the South Sands
- opercularis
Aequipecten opercularis (Linnaeus, 1758)
dredged from Caldy beds
- varius
Mimachlamys varia (Linnaeus, 1758)
Do_ Do_ common
- lineatus E.M. da Costa, 1778
Aequipecten opercularis (Linnaeus, 1758)
on the South Sands & dredging
- distortus E.M. da Costa, 1778
Talochlamys pusio (Linnaeus, 1758)
Do_ in deep water affixed to stones & cr
- obsoletus Pennant, 1777
Palliolum tigerinum (O.F. Müller, 1776)
under Gilter Rocks
- pusio
Talochlamys pusio (Linnaeus, 1758)
dredged near Stackpole Head

Ostrea

- O. edulis
Ostrea edulis Linnaeus, 1758
in vast beds many parts of the coast
- striata E.M. da Costa, 1778
Ostrea edulis Linnaeus, 1758
on rocks low water mark

- *parasitica* Turton, 1819
Ostrea edulis Linnaeus, 1758
adhering to a piece of timber picked up by a boat in the Bay
- *crista galli*
Lopha cristagalli (Linnaeus, 1758) (Indian Ocean)
more likely was *Dendostrea frons* (Linnaeus, 1758) (Caribbean)
on the bottom of a vessel in Tenby Pier

Anomia

- A. *ephippium* Linnaeus, 1758
Anomia ephippium Linnaeus, 1758
by the dredge fixed to oysters, rocks &c
- *squamula* Linnaeus, 1758
Heteranomia squamula (Linnaeus, 1758)
D° Lobsters, crabs & other bodies
- *aculeata* Linnaeus, 1758
Heteranomia squamula (Linnaeus, 1758)
adhering roots of algae &ctr
- *undulata* Gmelin 1791
Pododesmus patelliformis (Linnaeus, 1761)
affixed to shells stones & crabs
- *cymbiformis* Maton & Rackett, 1807
Heteranomia squamula (Linnaeus, 1758)
Do_ & on the stalks of *Fucus digitatus*
- *electrica* Linnaeus, 1758
Anomia ephippium Linnaeus, 1758
affixed to *Pecten maximus*

Mytilus

- M. *edulis*
Mytilus edulis Linnaeus, 1758
in beds near Gilter
- *incurvatus* Pennant, 1777
Modiolus barbatus (Linnaeus, 1758)
rocks beyond East Wear Sands
- *pellucidus* Pennant, 1777
Mytilus edulis Linnaeus, 1758
St Catherines
- *barbatus*
Modiolus barbatus (Linnaeus, 1758)
deep water dredging
- *modiola*
Modiolus modiolus (Linnaeus, 1758)
D°_ D°_
- *umbilicatus* Pennant, 1777
Modiolus modiolus (Linnaeus, 1758)
deep dredging
- *praecisus* Montagu, 1803
Sphenia binghami, Turton, 1822
refuse of oyster boats
- *discors*
Musculus discors (Linnaeus, 1767)
among leaves of Fuci
- *discrepans* Montagu, 1803
Musculus discors (Linnaeus, 1767)
in the Trawl"" & dredging
- *cygneus*
Anodonta cygnea (Linnaeus, 1758)

- in the extensive ponds Stackpool Court
- *avonensis* Montagu, 1803
? *Unio pictorum* (Linnaeus, 1758)
in Gumferston Brook

- *stagnalis*
? *Anodonta cygnea* (Linnaeus, 1758)
Stackpole Pond

Nautilus

Foraminifera

- N. *beccarii*
Ammonia beccarii (Linnaeus, 1758)
on the roots of algae and on the shells of oysters
- *beccarii perversus*
D°_ D°_ & in fine sand
- *crispus*
Elphidium crispum (Linnaeus, 1758)
on oysters & with the preceding species
- D°_ *baricty*
sand from the South Sands
- *laevigatulus*
Nautilus laevigatulus Walker & Jacob, 1798
on oysters and D°
- *calcar*
Lenticulina calcar (Linnaeus, 1758)
dredged roots of algae
- *depressulus*
Haynesina depressula (Walker & Jacob, 1798)
D°_ D°_ and fine sand
- *umbilicatus*
Nautilus umbilicatus Walker & Jacob, 1798
on shells, corallines &c
- *crassulus*
Nonion crassulum (Walker & Jacob, 1798)
D°_ D°_ and drifted sand
- *nitidus*
in fine sand
- *inflatus*
Trochammia inflata (Montagu, 1808)
D°_ from the South Sands
- *carinatulus*
Nautilus carinatulus Walker & Jacob, 1798
D° and the South Sands
- *subarcuatulus*
Astacolus subarcuatulus (Walker & Jacob, 1798)
in fine sand
- *radicula*
Nodosaria radicula (Linnaeus, 1758)
on shells and other substances
- *linearis*
Vaginulina linearis (Montagu, 1808)
in sand from the coast beyond Pembroke
- *rectus*
Nautilus rectus Montagu, 1803
D°_ D°_ & at Tenby, small
- *spirula*
North and South Sands

Cypraea

- C. pediculus
probably *Trivia monacha* (E.M. da Costa, 1778).
pediculus is Caribbean.
found in abundance on the South Sands
- arctica
Trivia arctica (Pulteney, 1799)
- bullata Montagu, 1803
Trivia arctica (Pulteney, 1799)

Bulla

- B. lignaria
Scaphander lignarius (Linnaeus, 1758)
dredged Milford Haven & Tenby small
- aperta
Philine aperta (Linnaeus, 1767)
East Wear near low tide & South Sands
- haliotoidea Montagu, 1803
Lamellaria perspicua (Linnaeus, 1758)
Dredged and D°_ D°_
- plumula
Berthella plumula (Montagu, 1803)
Milford Haven
- catena
Philine catena (Montagu, 1803)
in fine sand from Caldy Island
- D° variety
with the preceding species
- emarginata J. Adams, 1800
Philine aperta (Linnaeus, 1767)
in fine sand nr St Catherines
- denticulata
Philine denticulata (J. Adams, 1800)
Tenby shore
- hydatis
Haminoea hydatis (Linnaeus, 1758)
Gilter and Milford Haven
- akera
Akera bullata O.F. Müller, 1776
D°_ South Sands
- cylindracea
Cylichna cylindracea (Pennant, 1777)
D°_ and on the extensive sands from
Tenby to Laugharne
- truncata J. Adams, 1800
Retusa truncatula (Bruguère, 1792)
D°_ D°_ and Gilter
- obtusa
Retusa obtusa (Montagu, 1803)
South Sands
- diaphana Montagu, 1803
Trivia arctica (Pulteney, 1799)
near Gilter
- fontinalis
Physa fontinalis (Linnaeus, 1758)
ditches and ponds Gumferston
- hypnorum
Aplexa hypnorum (Linnaeus, 1758)
in a pond and brook near Penally

- flexilis Montagu, 1808
Velutina plicatilis (O.F. Müller, 1776)
South sands
- fluviatilis Turton, 1807
Physa fontinalis (Linnaeus, 1758)
rivulet near Gumferston
- alba Turton, 1825
Physa fontinalis (Linnaeus, 1758)
D°_ pools of water and ditches
- aplysia
Aplysia punctata (Cuvier, 1803)
Rock pools of sea water Manorbeer
- minuta
Diaphana minuta T. Brown, 1827
in fine sand
- hyalina Turton, 1834
Diaphana minuta T. Brown, 1827
D°_ and Caldy Island
- catena
Philine catena (Montagu, 1803)
fine sand from D°_
- membranacea
Pleurobranchus membranaceus (Montagu,
1816)
Dredging

Voluta

- V. tornatilis
Acteon tornatilis (Linnaeus, 1758)
Saundersfoot sands, Sth Sands
- denticulata
Myosotella denticulata (Montagu, 1803)
inlets of the sea on alga
- ringens Turton, 1819
Myosotella denticulata (Montagu, 1803)
on Gumferston sea marsh
- alba Turton, 1819
Auriculinella bidentata (Montagu, 1808)
in sand from Caldy Island
- bidentata
Auriculinella bidentata (Montagu, 1808)
D°_ and South Sands

Buccinum

- B. undatum
Buccinum undatum Linnaeus, 1758
taken in dredging & on rock
- carinatum variety of B. undatum
Buccinum undatum Linnaeus, 1758
- lapillus
Nucella lapillus (Linnaeus, 1758)
on St Catherines Rocks &c
- reticulatum
Tritia reticulata (Linnaeus, 1758)
Gilter & Broad Haven
- macula Montagu, 1803
Tritia incrassata (Strøm, 1768)
D°_ and South Sands
- minimum Montagu, 1803
Chauvetia brunnea (Donovan, 1804)

- in sand from Caldy Island
- *terrestre* Montagu, 1803
Cecilioides acicula (Müller, 1774)
" of grass & moss nr Penally
- *obtusulum* Kanmacher, 1798
Cecilioides acicula (Müller, 1774)
Gilter Rocks, fry of *B. undatum*
- *breve* J Adams, 1797
Nucella lapillus (Linnaeus, 1758)
in sand from Caldy Island
- *minutum* Pennant, 1777
Tritia incrassata (Strøm, 1768)
in fine sand from Manorbeer
- *laeve* J Adams, 1797
Nucella lapillus (Linnaeus, 1758)
D°_ and sand from Caldy Island
- variety of *B. undatum* with the volutions reversed
Buccinum undatum Linnaeus, 1758
Gilter Rocks
- Strombus**
- S. *pespelecani*
Aporrhais pespelecani (Linnaeus, 1758)
South Sands & Milford Haven
- Murex**
- M. *despectus* Linnaeus,
A northern species so expect this is *Neptunea antiqua* Linnaeus, 1758
on the coast between Fishguard and Tenby
- *corneus* E.M. da Costa non Linnaeus
Colus gracilis (E.M. da Costa, 1778)
D°_ and South Sands
- *erinaceus* Linnaeus, 1758
Ocenebra erinaceus (Linnaeus, 1758)
Gilter & oyster boats
- *purpureus* Montagu, 1803
Raphitoma purpurea (Montagu, 1803)
Dredging
- *linearis* Montagu, 1803
Raphitoma linearis (Montagu, 1803)
D°_ and South Sands
- *muricatus* Montagu, 1803
Trophonopsis muricata (Montagu, 1803)
among refuse of oyster boats
- *turricula* Montagu, 1803
Propebela turricula (Montagu, 1803)
D°_ and South Sands
- *rufus* Montagu, 1803
Propebela rufa (Montagu, 1803)
D°_ D°_
- *sinuosus* Montagu, 1803
Drillia sinuosa (Montagu, 1803)
This is not British so uncertain about what Lyons had.
D°_ and Gilter
- *costatus* Pennant, 1777
Mangelia costata (Pennant, 1777)
Dredging
- *attenuatus* Montagu, 1803

- Mangelia attenuata* (Montagu, 1803)
D°_ and South Sands
- *gracilis* Montagu, 1803
Comarmondia gracilis (Montagu, 1803)
oyster boats
- *nebula* Montagu, 1803
Bela nebula (Montagu, 1803)
D°_ and Gilter
— D°_ variety
D°_ D°_
- *septangularis* Montagu, 1803
Haedropleura septangularis (Montagu, 1803)
D°_ and South Sands
- *tubercularis* Montagu, 1803
Cerithiopsis tubercularis (Montagu, 1803)
Dredging
- *adversus* Montagu, 1803
Marshallora adversa (Montagu, 1803)
oyster boats
- *reticulatus* E.M. da Costa, 1778)
Bittium reticulatum (da Costa, 1778)
common on sandy shores
- *minutissimus* Adams, 1797
Not in MolluscaBase or Jeffreys
in sand from Caldy Island
- *bamffius* Donovan, 1804
Boreotrophon clathratus (Linnaeus, 1767)
South Sands & dredging
- *gyrineus* Montagu, 1808
This is not a British shell so what Lyons had is doubtful
fine sand from Caldy
- Trochus**
- T. *zizyphinus* Linnaeus, 1758
Calliostoma zizyphinum (Linnaeus, 1758)
Gilter Rocks
- *tenuis* Montagu, 1803
Calliostoma granulatum (Born, 1778)
Milford Haven and sea coast
- *tumidus* Montagu, 1803
Gibbula tumida (Montagu, 1803)
affixed to stones and dredged
- *crassus* Pulteney, 1799
Phorcus lineatus (da Costa, 1778)
adhering to rocks Caldy Island
- *magus* Linnaeus, 1758
Gibbula magus (Linnaeus, 1758)
by dredging & at Milford
- *cinerarius* Linnaeus, 1758
Steromphala cineraria (Linnaeus, 1758)
adhering to loose stones. dredge
- *umbilicatus* E.M. da Costa, 1778
Steromphala umbilicalis (E.M. da Costa, 1778)
St Catherines Rocks
- *conulus* Linnaeus, 1758
Calliostoma conulus (Linnaeus, 1758)
This is a Mediterranean shell and doubtfully found at Tenby
dredged in the Bay

Turbo

- T. *terebra* Linnaeus, 1758
Not British so expect it is Turritella communis
Risso, 1826
adhering to alga thrown upon the shore
— *cinctus* E.M. da Costa, 1778 variety of T.
terebra
As above
Milford Haven,
— *clathrus*
Epitonium clathrus (Linnaeus, 1758)
on the shore Tenby & Laugharne
— *clathratulus*
Epitonium clathratulum (Kanmacher, 1798)
D° & Gilter
— *elegantissimus* Montagu, 1803
Turbonilla lactea (Linnaeus, 1758)
in sand from the South Sands
— *unicus* Montagu, 1803
Graphis albida (Kanmacher, 1798)
D° & fine sand from Caldy Island
— *littoreus* Linnaeus, 1758
Littorina littorea (Linnaeus, 1758)
on Gilter Rocks & cr
— *tenebrosus* Montagu, 1803
Littorina saxatilis (Olivi, 1792)
D° and Stackpole quay
— *rudis* Maton, 1797
Littorina saxatilis (Olivi, 1792)
on rocks on the pier & Milford Haven
— *striatulus* E.M. da Costa, 1778
Alvania carinata (da Costa, 1778)
sand from South Sands
— *vinctus* Montagu, 1803
Lacuna vincta (Montagu, 1803)
on algae St Catherines Rock
— *canalis* Montagu, 1803
Lacuna vincta (Montagu, 1803)
D° & Gilter
Turbo
T. *crassior*
Lacuna crassior (Montagu, 1803)
dredged and on the shore
— *parvus*
Rissoa parva (E.M. da Costa, 1778)
adhering algae St. Catherines Rock
— *costatus* J. Adams, 1797
Manzonia crassa (Kanmacher, 1798)
D° & in fine sand from Caldy Island
— *striatus* J. Adams, 1797
Onoba semicostata (Montagu, 1803)
D° D° & South Sands
— *cimex*
Alvania cimex (Linnaeus, 1758)
sand from South Sands
— *ventrosus*
Ecrobia ventrosa (Montagu, 1803)
on the shores of Tenby and Laugharne

- *ulvae*
Peringia ulvae (Pennant, 1777)
D° & Milford Haven
— *pullus*
Tricolia pullus (Linnaeus, 1758)
sand from Caldy Island and on algae
— *punctura*
Alvania punctura (Montagu, 1803)
in fine sand from D°
— *ruber* J. Adams, 1797
Barleeia unifasciata (Montagu, 1803)
South Sand & Manorbeer
— *vitreus*
Hyala vitrea (Montagu, 1803)
D° and Caldy Island
— *spiralis*
Spiralinella spiralis (Montagu, 1803)
D° & Lydstep sands
— *interstinctus*
Parthenina interstincta (J. Adams, 1797)
D° & Caldy
— *unidentatus*
Odostomia unidentata (Montagu, 1803)
on oyster & other shells
— *plicatus*
Odostomia plicata (Montagu, 1803)
D° dredged & roots of algae
— *pallidus*
Turbo pallidus Montagu, 1803 nom dub.
on oysters & cr
— *semicostatus*
Onoba semicostata (Montagu, 1803)
D° and Caldy Island sand
— *cingillus* Montagu, 1803
Cingula trifasciata (J. Adams, 1800)
South Sands & from D°
— *quadrifasciatus* Montagu, 1803
Lacuna vincta (Montagu, 1803)
D° and St Catherines Rocks
— *interruptus* J. Adams, 1800
Rissoa parva (da Costa, 1778)
dredged & South Sands
— *retiformis* Montagu, 1803
Alvania punctura (Montagu, 1803)
fine sand from D°
— *fuscus*
Turbo fuscus nomen dubium
in D° from Tenby Pier washed ashore
— *sandvicensis* Turton in Montagu, 1803,
Turbo sandvicensis Montagu, 1803 nom dub.
in sand from Caldy
— *albulus*
Pusillina inconspicua (Alder, 1844)
D° & from South Sands
Turbo
Turbo scriptus J. Adams, 1797
Crisilla semistriata (Montagu, 1808)
in fine sand from Caldy Island

T. subrufus

- Turbo subrufus* J. Adams, 1797 nom. dub.
D°_ and South Sands
- jugosus Montagu, 1803
Littorina saxatilis (Olivi, 1792)
Rocks Manorbeer
 - fulgidus
Eatonina fulgida (J. Adams, 1797)
in fine sand from Caldý
 - semistriatus
Crisilla semistriata (Montagu, 1808)
D°_ and South Sands
 - indistinctus
Parthenina indistincta (Montagu, 1808)
in sand from Caldý
 - insculptus Montagu, 1803
Ondina divisa (J. Adams, 1797)
in fine sand from D°_
 - Rocks Leadstep
 - ascaris
Aclis ascaris (Turton, 1819)
in fine sand from South Sands
 - ambiguus Linnaeus
Epitonium turtonis (Turton, 1819) probably this
species see Dillwyn, 1817, p. 855
found at Tenby above thirty years ago and
named by Col. Montagu Dr Turton's
Dictionary, Turtonis

Land & Freshwater

Turbo muscorum

- Pupilla muscorum* (Linnæus, 1758)
under the upper stones of the loose built
walls north side of the town
- pupa marginata T. chrysalis
Pupilla muscorum (Linnæus, 1758)
Do_ and near the river
 - sexdentatus
Vertigo antivertigo (Draparnaud, 1801)
among the rejectamenta of the D°_
 - carychium
uncertain identity
under old timber nr Gumferston
 - elegans J. Adams, 1797
uncertain identity
roots of ferns to the S. west of Tenby
 - fasciatus Pennant, 1777
Cochlicella acuta (O.F. Müller, 1774)
Burrows near Penally
 - perversus
Balea perversa (Linnæus, 1758)
adhering to the trunks of trees
 - nigricans Maton & Racket, 1807
Clausilia (Clausilia) rugosa (Draparnaud, 1801)
ivy grown walls
 - vertigo Montagu, 1803
Vertigo angustior Jeffreys, 1830
under stones and moss

Helix

- ### H. stagnalis
- Lymnaea stagnalis* (Linnaeus, 1758)
Stackpole Court
- fragilis Montagu, 1803
Lymnaea stagnalis (Linnaeus, 1758)
D°_ in the extensive ponds
 - palustris
Stagnicola palustris (O.F. Müller, 1774)
near Gumferston
 - fossarius Montagu, 1803
Galba truncatula (O.F. Müller, 1774)
D°_ in moist muddy ditches nr Penally
 - peregra
Radix labiata (Rossmässler, 1835)
stagnant pools D°_ D°_
 - putris
Succinea putris (Linnaeus, 1758)
in muddy places
 - auricularia
Radix auricularia (Linnaeus, 1758)
Kilgaren & Gumferston Rivers
 - lutea Montagu, 1803
Radix balthica (Linnaeus, 1758)
in the South Sands
 - limosa
Radix balthica (Linnaeus, 1758)
in the brook near Gumferston
 - laevigata Linnaeus, 1758
Velutina velutina (O.F. Müller, 1776)
on the shore & dredging
 - tentaculata
Bithynia tentaculata (Linnaeus, 1758)
in the rivulet near Penally
 - lubrica
Cochlicopa lubrica (O.F. Müller, 1774)
under stones, trunks of trees &ctr
 - polita
Melanella alba (E.M. da Costa, 1778)
dredged and South Sands
 - labiosa
Rissoa membranacea (J. Adams, 1800)
D°_ and adhering to algae Gilter Rocks
 - petraea
Melarhapha neritoides (Linnaeus, 1758)
on rocks a little beneath high water mark
 - aspersa
Cornu aspersum (O.F. Müller, 1774)
hedges and in old walls
 - nemoralis
Cepaea nemoralis (Linnaeus, 1758)
Burrows near Penally
 - hortensis
Cepaea hortensis (O.F. Müller, 1774)
gardens and hedges
 - virgata
Cernuella virgata (E.M. da Costa, 1778)
barren stony situations near the coast
 - cingenda

- Theba pisana* (O.F. Müller, 1774)
Tenby marsh near cliffs
- rufescens
Arianta arbustorum (Linnæus, 1758)
moist woods and shady places
 - hispida
Trochulus hispidus (Linnæus, 1758)
in moss and under stones
 - lucida
Oxychilus cellarius (O.F. Müller, 1774)
swampy places ctr
- ## Helix
- H. trochiformis
Euconulus trochiformis (Montagu, 1803)
D°_ under old timber near Gumferston
- lacuna Montagu, 1803
Lacuna parva (E.M. da Costa, 1778)
attached to algae Sr Catherine's rocks
 - caperata
Candidula intersecta (Poiret, 1801)
dry banks near the coast
 - radiata E.M. da Costa, 1778
Discus rotundatus (O.F. Müller, 1774)
D°_ and on old walls near Penally
 - umbilicata
Pyramidula umbilicata (Montagu, 1803)
on loose built walls near Penally
 - ericetorum O.F. Müller, 1774
Helicella itala (Linnaeus, 1758)
sandy heaths
 - subcarinata
Tornus subcarinatus (Montagu, 1803)
in fine sand from Caldý &ctr
 - depressa
Skeneopsis planorbis (Fabricius, 1780)
D°_ and from the South Sands
 - paludosa E.M. da Costa, 1778
Vallonia pulchella (O.F. Müller, 1774)
wet swampy situations near Gumferston
 - crenella
Vallonia costata (O.F. Müller, 1774)
D°_ and near the Rivulet
 - cornea
Planorbarius corneus (Linnæus, 1758)
Milford Haven River
 - complanata
Hippeutis complanatus (Linnæus, 1758)
D°_ and near Gumferston
 - carinata
Planorbis carinatus O.F. Müller, 1774
D°_ D°_ near Penally
 - vortex
Anisus vortex (Linnæus, 1758)
D°_ and Ditches Burrows
 - spirorbis
Anisus spirorbis (Linnæus, 1758)
ponds Stackpole
 - contorta

- Bathymophalus contortus* (Linnæus, 1758)
D°_ and Ditches
- alba
Gyraulus albus (O.F. Müller, 1774)
in a pond nr the Pembroke road
 - nautila
Planorbis cristatus Draparnaud, 1805
D°_ & near Gumferston
 - subulata
Eulima glabra (E.M. da Costa, 1778)
in fine sand from Freshwater West
 - auricula
uncertain
Gilter Rocks
 - lanthina fragilis
Janthina janthina (Linnaeus, 1758)
"" after a gale
- ## Nerita
- N. litoralis
Littorina obtusata (Linnaeus, 1758)
adhering to algae St. Catherines Rocks
 - pallidula
Lacuna pallidula (E.M. da Costa, 1778)
D°_ D°_ & at Gilter
 - glaucina Linnaeus ex auct
probably *Euspira nitida* (Donovan, 1804)
South and Laugharne sands
 - fluviatilis
Theodoxus fluviatilis (Linnaeus, 1758)
Gumferston Rivulet adhering to stones
 - alba
probably juvenile *Euspira nitida* (Donovan, 1804)
on the coast and Caldý
 - canrena Linnaeus ex auct
probably *Euspira nitida* (Donovan, 1804)
D°_ D°_ in stomach of starfish
 - rufa
Euspira montagui (Forbes, 1838)
on fuci at low water during spring tides
 - mammilla
probably *Euspira nitida* (Donovan, 1804)
South Sands & Caldý
- ## Patella
- P. vulgata
Patella vulgata Linnaeus, 1758
affixed to rocks North shore
 - pellucida
Patella pellucida Linnaeus, 1758
adhering to the leaves of algae
 - fluviatilis
Ancylus fluviatilis O.F. Müller, 1774
Rivulet near Gumferston
 - lacustris
Acroloxus lacustris (Linnaeus, 1758)
Brook near Tenby & Stackpole ponds
 - ungarica
Capulus ungaricus (Linnaeus, 1758)

- dredged on oysters
- fissura
Emarginula fissura (Linnaeus, 1758)
D° _ between Tenby & Caldy
- apertura Montagu, 1803
Diodora graeca (Linnaeus, 1758)
in sand from south sands & Caldy
- graeca
Diodora graeca (Linnaeus, 1758)
oyster boats adhering to old shells
- caerulea Montagu, 1803
Patella pellucida Linnaeus, 1758
on the roots of algae St Catherines rocks
- D° _ variety
D° _ D° _ & Leadstep Rks
- granularis
? name does not apply to British shell
Rocks on the North Sands
- lutea
??
D° _ in pools of water

Dentalium

- D. entalis
Antalis entalis (Linnaeus, 1758)
Muscle Bank Gilter & S. Sands
- striatum Montagu, 1803
Antalis dentalis (L. 1758) doubtful not British
D° _ D° _ and dredged off Caldy
- imperforatum
Caecum imperforatum (Kanmacher, 1798)
on the shore fresh water Ba....
- glabrum
Caecum glabrum (Montagu, 1803)
in sand from Caldy Island
- laeve Turton, 1819
Antalis vulgaris (E.M. da Costa, 1778)
near Gilter rock
- labiatum Turton, 1822
Antalis vulgaris (E.M. da Costa, 1778)
D° _ and South Sands

Serpula

- Foraminifera /Polychaeta
- S. spirorbis
Laeospira borealis (Daudin, 1800)
on stones, old shells & algae
- spirillum
Serpula spirillum Linnaeus, 1758
on some species of algae
- granulata
Bushiella (Jugaria) granulata (Linnaeus, 1767)
on the underside loose stones near
Saundersfoot
- carinata
Spirorbis carinatus Daudin, 1800
on old valves of *Arca pilosa* & ct
- corrugata
Spirorbis corrugatus (Montagu, 1803)
on the slate rocks near Saundersfoot

- heterostrophia
Janua heterostropha (Montagu, 1803)
on oysters and other old shells & algae
 - sinistrosa
Serpula spirillum Linnaeus, 1758
on lobsters and other animals
 - minuta Montagu, 1803
Janua heterostropha (Montagu, 1803)
on Corallina & ct dredged
 - lucida
Serpula spirillum Linnaeus, 1758
on Sertularia thrown upon the coast
 - reversa
Serpula reversa Montagu, 1803
on shells crabs & stones
 - vermicularis
Serpula vermicularis Linnaeus, 1767
attached its whole length
 - triquetra
Serpula triquetra Linnaeus, 1758
adhering to stones, old shells & ctr
 - complexa Turton, 1819
Filograna implexa Berkeley, 1835
dredged up off Caldy Island
 - contortuplicata
Serpula contortuplicata Linnaeus, 1758
from the bottom of a brig
 - lobata
Serpula lobata Montagu, 1803
on shells & in fine sand
 - concamerata
Eponides concameratus (Montagu, 1808)
D° _ D° _ & attached to zoophytes
- ## Vermiculum
- Foraminifera /Polychaeta
 - V. incurvatum Kanmacher, 1798
Spirorbis incurvatus Turton, 1802
in fine sand South Sands
 - pervium Montagu, 1803
Spirorbis incurvatus Turton, 1802
D° _ D° _ & from Caldy Island
 - perforatum
Serpula perforata Walker & Jacob, 1798
in fine sand
 - intortum
Vermiculum intortum Montagu, 1803
plentiful on the sandy shores
 - subrotundum
Miliolinella subrotunda (Montagu, 1803)
D° _ & from Caldy
 - oblongum
Triloculina oblonga (Montagu, 1803)
in fine sand from the South Shore
 - lacteum Kanmacher, 1798
Vermiculum lacteum Turton, 1802
in very fine D° _
 - striatum Kanmacher, 1798
Serpula lagena Turton, 1802

- in fine sand not common
- globosum
Oolina globosa (Montagu, 1803)
D° _ very rare
- laeve
Reussoolina laevis (Montagu, 1803)
in fine sand very rare
- marginatum
Fissurina marginata (Montagu, 1803)
from south sands
- retortum
Serpula retorta Walker & Jacob, 1798
D° _ very rare
- New shells found at Tenby by
WL**
- *Chiton sixvalvis*
Cannot find this name, was probably an aberrant
specimen
under loose stones S. Sands
- *Balanus. the conia Lyonsii* of Dr Leach
This is *Conia lyonsii* Leach ms in J. Sowerby, 1823.
Newmanella radiata (Brug. 1789) Not British it is
Caribbean
bottom of a vessel, animal alive
- *B. sulcatus* Brug. 1789
Balanus balanus Linnaeus, 1767
on the bottom of a vessel alive
- N° 1
D° _ D° _ Animal alive
- N° 2
D° _ D° _ D° _
- *Tenbiensis*
a manuscript name
on shells slate &ctr
- *insculptus*
Cannot find this name
adhering to a piece of timber picked up in
the Bay
- *Teredo sulcata*
Cannot find this name
from a piece of wood drifted in the harbour
- *Mya striata Lyonsia striata* of Dr Turton
Lyonsia norwegica (Gmelin, 1791)
S. sands, Animal alive
- *Mytilus*
in Tenby Pier Animal alive
- *Buccinum* N° 1
on the bottom of a vessel in Tenby Pier,
Animal alive
- *B.* N° 2
Gilter Rocks
- *Nautilus auricula Auriculum lyonsii* of JG
Jeffreys
This is a Foraminifera
now *Cancris auricula* (Fichtel & Moll, 1798)
cannot find *lyonsii*
- *N.* N° 1. N° 2. N° 3 & 4. 6. 7
D° _ fine sand South Sands
- *Turbo perforatus*

- Cannot find this name
in sand from D° _
- *T. crenatus*
Cannot find this name
D° _ and Caldy Island
- *Turbo succinus*
Cannot find this name
in fine sand from Caldy
- *Turbo ater*
Cannot find this name
D° _ & South Sands
- *T.* N° 1. 2. 3. 4. & 5
D° _ & Caldy some doubtful
- *Helix minima*
Cannot find this name
very fine sand from D° _
- *H. cylindrica*
Cannot find this name
near Tenby Pier on old timber covered with
moss
- *Dentalium arcuatum*
Cannot find this name
- *Serpula* N° 1 & N° 2.
in boat rubbish after dredging
- *Vermiculum* N° 1. 2. 3. 4. & 5
in fine sand from S. sands and