I have so often referred, contains many such species presented without explanation as to their origin. The list which formed the basis of this catalogue was prepared by myself, and contained very few species, not indigenous, but in its subsequent compilation the numerous additions from other sources caused the introduction of many species not of native origin, many of which are presented without comment, a circumstance, which was owing to the short time afforded for preparation for the press, along with other exigencies which prevented me from giving it that amount of attention and care which it deserved.

The foregoing explanation is deemed to be requisite for those who cannot avoid observing the errors referred to.

J. Sommers,
For Editing Com.

ART. IX.—MOLLUSCA OF NOVA SCOTIA, (CORRECTED TO DATE, 1877.)

BY J. MATTHEW JONES, F. L. S.

CLASS CONCHIFERA.

Fam. PHOLADIDÆ. Leach.

Teredo navalis, L. This species is inserted in Mr. Willis's privately printed list with a query. It was taken from a log in a spar-yard at Dartmouth. Marine Slip timbers at Pictou. (Whiteaves.)

T. dilatata, St. Very large specimens have been received from Sable Island, taken from wreck timber. (Willis.)

T. Norvagica, Speng. Marine Slip timbers at Pictou. (Whiteaves.)

Zirphæa crisputa, Morch. Large specimens have been received from Sable Island. (Willis.)

Fam. SOLENIDÆ.

Ensatella Americana, Verrill. Sandy shores; whole coast.
Siliqua squama, St. Fishing banks; rare. (Willis.)
S. costata, Ad. Fishing banks. (Willis.)
Solenomya velum, Say. Fishing banks; very rare. (Willis.)
S. borealis, Tott. Fishing banks; very rare. (Willis.) Halifax harbour; rare. (Verrill.)
Glycymeris siliqua, Lam. Halifax harbour. Sable Island beach; dead specimens. (Willis.)

Fam. MYADÆ.
Mya arenaria, L. Halifax harbour, etc.; very common.
M. truncata, L. Halifax harbour; not uncommon.

Fam. CORBULIDÆ.
Corbula contracta, Say.
Necra arctica. La Have banks.

Fam. PANDORIDÆ.
Clidiophora trilineata, Carp. Halifax harbour; rare. I have only dredged stray valves.
Northumberland Strait, north of Pictou Island. (Whiteaves.)

Fam. ANATINIDÆ.
Lyonsia arenosa, Morch. Halifax harbour.
Periploma papyracea, Verrill. Sable Island. (Willis.)
Cochlodesma lecanum, St. Fishing banks. (Willis.)
Thracia Conradi, Couth. Fishing banks. (Willis.)
T. myopsis, Beck. Halifax harbour. (Smith and Harger.)
Fishing banks. (Willis.)
T. truncata, Migh and Ad. Fishing banks. (Willis.)

Fam. MACTRADÆ.
Mactra solidissima, Chemn. Sandy beaches; whole coast. I have a specimen in my collection, presented to me by the late Mr. Willis, measuring in length 7½ inches, and 6½ inches in extreme breadth. It came from Sable Island.
M. ovalis, Gould. Sable Island. (Willis.)
Mulinia lateralis, Gray.
Ceronia arctica, Ad. Sable Island. (Willis.)
C. deaurata, Gould. Sable Island. (Willis.)

Fam. Kelliadæ.
Kellia planulata, St. Sable Island. (Willis.)
K. suborbicularis, Turt. Sable Island. (Willis.)
Turtonia minuta, Ald. Sable Island. (Willis.)

Fam. Gastrochænidæ.
Saxicava arctica, Desh. Whole coast; common.
Petricola phooladiformis, Lam. Sable Island. (Willis.) Northumberland Strait, off North Shore. (Whiteaves.)

Fam. Tellinidæ.
M. sabulosa, Morch. Halifax harbour. (Smith and Harger.)
Fishing banks. (Willis.)
Tellina tenera, Say. Fishing banks. (Willis.)

Fam. Lucinidæ.
Cryptodon Gouldii, St.

Fam. Cycladidæ.
Sphaerium simile, Gould. Truro, N. S. (McCulloch.)
S. partumeium, Prime. Fresh-water lakes; common.
Pisidium dubium, Gould. Fresh-water lakes.

Fam. Cyprinidæ.
Astarte castanea, Say. Halifax harbour. Sable Island. (Willis.)
Off Cape Sable. (Verrill.)
A. semisulcata, Gray.
A. elliptica, McGilliv. LaHave Bank. (Smith and Harger.)
A. Banksii, Leach. LaHave Bank. (Smith and Harger.)
A. undata, Gould. Northumberland Strait, off North Shore. (Whiteaves.)
Cyprina Islandica, Lam. Halifax harbour; common. Northumberland Straits, off North Shore. (Whiteaves.)

Fam. VENERIDÆ.

Callista convexa, Ad. Halifax harbour. Sable Island. (Willis)
Venus mercenaria, L. Whole coast; common.
Tapes fluctuosa, Desh. Fishing banks. (Willis)
Tottenia gemma, Perkins.

Fam. CARDIADÆ.

Cardium Islandicum, L. Halifax harbour.
Cardium pinnulatum, Conr. Halifax harbour. Northumberland Strait, off North Shore. (Whiteaves.)
Lævocardium Mortoni, Verrill. Halifax harbour.
Serripes Grönlandicus, Beck. Halifax harbour. St. Margaret's Bay. (Willis)
Cyclocardia borealis. Fishing banks. (Willis)

Fam. ARCADEÆ.

Arca pectunculoides. Off Halifax harbour.
Nucula tenuis, Turt. Sambro Banks. (Willis)
N. proxima, Say. Fishing banks. (Willis)
N. delphinodonta, Migh. Northumberland Strait, off North Shore. (Whiteaves.)
Yoldia limatula, St. Fishing banks. (Willis) Northumberland Strait, off North Shore. (Whiteaves)
Y. obesa, St. Halifax harbour.
Y. thraciaformis, St. Halifax harbour.
Y. sapotilla, St. Halifax harbour. Northumberland Strait, off North Shore. (Whiteaves.)
Y. myalis, Gould. St. Mary's Bay, Digby Co. (Verkruzen)
Leda tenuisculus, Couth. Halifax harbour.
L. minuta, Mol.
L. caudata, Loven.

Fam. UNIONIDÆ.

Unio complanatus, Lea. Fresh water lakes and streams.
U. radiatus, Barnes. Grand Lake. (Willis)
Margaritana arcuata, St. Fresh water lakes and streams.
Anodon implicata, Gould. Inland lakes; rare. (Willis.)

Fam. Mytilidæ.

Mytilus, edulis, L.
var, pellucida. All rocky shores.
Modiola modiolus, Turt. All rocky shores.
M. discors, Beck. Halifax harbour.
M. corrugata, Morch. Halifax harbour.
Crenella glandula, Ad. Halifax harbour. (Willis).
C. nigra. Northumberland Strait, off Pictou Island. (White-avies).

Fam. Pectenidæ.

Pecten tenuicostatus, Migh and Ad. Whole coast. One in my collection, presented by the late Mr. Willis, measures over 6½ in.
P. islandicus, Chemn. Whole coast.
P. irradians, Lam. Sable Island. (Willis).
P. pustulatus. LaHave bank. (Willis).

Fam. Ostræidæ.

Ostræa virginiana, List. Northern coast.
Anomia glabra, Verrill. Halifax harbour. Off Cape Sable, 8 fath. (Verrill).
A. aculeata, Gmel.
A. electrica, L.
A. squamula, L.

CLASS BRACHIOPODA.

Fam. Terebratulidæ.

Terebratulina septentrionalis, Couth. I have found this species very abundant in one particular part of the harbour; adult and young, in all stages of growth together, generally much covered by a sponge; 10 fath.
Fam. RHyNCONELLIDÆ.

Rhynconella pistacea, Owen. St. Margaret’s Bay, LaHave Bank, (Smith and Harger) Halifax harbour, (Smith and Harger)
Waldheimia cranium, Gd. One single specimen only has yet been obtained on our coast, at St. Margaret’s Bay.

CLASS GASTEROPODA.

Fam. Bullidæ.

P. lineolata, St. Fishing banks. (Willis).
Scaphander puncto-striatus, St. Fishing banks. (Willis)
Diaphana debilis, St. Fishing banks. (Willis).
Utriculus pertenuis, St. Fishing banks. (Willis).
Cylindra alba, St. Fishing banks. (Willis).

ORDER NUDIBRANCHIATA.

Fam. Tritonidæ.

Dendronotus arborescens, Ald. and Han. Halifax harbour.
D. robustus, Verrill. Thirty miles S. E. from Chebucto Head; 110 fathoms.

Fam. Chitonidæ.

Trachydemon ruber, Carp. Halifax harbour.
Amicula Emersonii, St. Halifax harbour.

Fam. Dentalidæ.

Siphonodentalium —— ? La Have Bank.

Fam. Patellidæ.

Acmaea testudinalis, Forbes and Hanley. All rocky shores.
Lepeta caeca, Gd. Fishing banks; very rare. (Willis.)
Fam. Calyptræidæ.

*Crepidula fornicata*, Lam. Whole coast.
*C. plana*, Say. Sable Island; Northern shores; Bay of Fundy.
(Willis.) LaHave Bank. (*Smith and Harger.*)
*C. convexa*, Say. Sable Island. (Willis.)

Fam. Fissurellidæ.

*Cemoria Noachina*, Gd. Fishing banks. (Willis.)

Fam. Janthinidæ.

*Janthina fragilis*, Desh. Sable Island; occasionally as a drift shell.

Fam. Trochidæ.

*Margarita cinerea*, Gd. Fishing banks. (Willis.)
*M. undulata*, Sow. Fishing banks. (Willis.)
*M. helicina*, St. Halifax harbour.
*M. argentata*, Gd.
*M. obscura*, Gd.
*M. varicosa*, Migh. and Ad. Halifax harbour. (*Smith and Harger.*)

Fam. Paludinidæ.

*Valvata tricarinata*, Say. Lakes in the interior.
*Amnicola limosa*, Hald. Ponds and stagnant waters.

Fam. Littorinidæ.

*Skænea planorbis*, Forbes and Hanley.
*Lacunā vincta*, Gd. Whole coast.
*Littorina rudis*, Gd. All rocky shores.
*L. tenebrosa*, Gd. All rocky shores.
*L. littorea*, Johnston. All rocky shores.
*L. palliata*, Gd. All rocky shores.

Fam. Scalaridæ.

*Scalaria Graenelandica*, Sow. Halifax harbour, LaHave Bank, (*Smith and Harger.*)
Fam. Turritellidæ.

*Turritella erosa*, Couth. Fishing banks. *(Willis).*
*T. acicula*, St. Halifax harbour.

Fam. Cerithiidæ.

*Apollrhaios occidentalis*. Sow. Halifax harbour, LaHave Bank, *(Smith and Harger)*, Annapolis Basin, *(Verkruzen).*
*Bittium nigrum*, St. Whole coast.

Fam. Pyramidellidæ.

*Turbonilla interrupta*, Tott. Northumberland Strait; north shore, *(Whiteaves).*
*Menestho albula*, Möll. Fishing banks; rare. *(Willis).*

Fam. Velutinidæ.

*Velutina haliotoidea*, Gd. Fishing banks. *(Willis).*
*V. zonata*, Gd. Halifax harbour.

Fam. Naticidæ.

*Lunatia heros*, St. All sand beaches.
*L. Groenlandica*, Gd.
*Lunatia immaculata*, Ad. Fishing banks. *(Willis).* Northumberland Strait, off Pictou Island, *(Whiteaves).*
*Bulbus flavus*, St. Fishing banks. *(Willis).*
*Amauropsis helicoides*, St. Fishing banks. *(Willis).*

Fam. Turritidæ.

*Pleurotoma plicata*, Ad. Fishing banks. *(Willis).*
*Bela turricula*, St. Fishing banks. *(Willis).*
*B. harpularia*, St. Halifax harbour.
*Bela violacea*, St. Fishing banks. *(Willis).*
*B. decussata*, St. Fishing banks. *(Willis).*
*B. pleurotomaria*, St. Halifax harbour.
*B. cancellata*, St. Northumberland Strait. *(Whiteaves.)*
Fam. **COLUMBELLIDÆ.**

*Astyrís rosácea*, H. & A. Ad. Fishing banks. (*Willis.*)

Fam. **PURPURIDÆ.**

*Purpurá lapillus*, Lam. All rocky shores.
*Ilyanassá obsoléta*, St. Halifax harbour; Pictou; Annapolis Basin.
*Tritia trivittata*, Ad. Halifax harbour; Northumberland Strait, off Pictou. (*Whiteaves.*)
*Buccinum undatúm*, L. Whole coast.
*B. ciliátum*, Gd. Fishing banks. (*Willis.*)

Fam. **MURICIDÆ.**

*Neptuneá ventricosus*, Gray. Sable Island.
*N. decemcostástatus*, Halifax harbour; LaHave bank. (*Verrill.*)
*Trophon clathrátus*, St. Halifax harbour.
*T. Gunnéri*, LaHave bank. (*Smith and Harger.*)
*Ptychatractus ligátus*, St. Halifax. (*Willis.*)

Fam. **CANCELLARIDÆ.**

*Admete viridula*, St. Fishing banks. (*Willis.*)

**SUB-CLASS PULMONIFERA.**

Fam. **HELICIDÆ.**

*Hyalina celluриу*, Morse. Halifax; scarce. (*Willis.*)
*H. arbórea*, Morse. Neighbourhood of Halifax; scarce. (*Willis.*)
*H. electríна*, Morse, do. do.
*H. chersína*, Binney, do. do.
*H. lineáта*, Binney, do. do.
*Helix alternáta*, Say. Only found in the interior of the country and not on the Atlantic Coast.
H. striatella, Anth. Neighbourhood of Halifax; scarce. (Willis)
H. hirsuta, Say. do. common.
H. pulchella, Müll. do. not uncommon.
H. hortensis, Müll. Whole country; common. The yellow variety is far more abundant than the striped.
Succinea obliqua, Say. Stagnant waters; Halifax, &c.
S. avara, Say. do. do.

Fam. AURICULIDÆ.
Alexia myosotis, Pf.

Fam. LIMNEIDÆ.

Limnaea columella, Say. In most lakes and ponds; common.
L. elodes, Say. Truro marshes; common.
L. catascopium, Say. Dartmouth Lakes; rare. (Willis)
L. humilis, Say. Pond at Fort Needham, Halifax.
Physa heterostropha, Say. Truro marshes; common.
P. ancillaria, Say. Dartmouth Lakes. (Willis)
Bulinus elongatus, Binney. Truro marshes; not common.
Planorbis trivolis, Say. Dartmouth Lakes; common.
P. bicarinatus, Say. do.
P. deflectus, Say. do.
P. dilatatus, Gould. do.
Ancylus parallelus, Hald. Fresh water lakes and streams; common.