

Leptachatinæ and Tornatellinidæ in the B. P. Bishop Museum.

BY C. MONTAGUE COOKE JR.

IN presenting the following catalogue of Leptachatinæ and Tornatellinidæ in the Museum collection, the list is made to include all the species, subspecies and varieties recognized in Volumes XXI and XXIII of the Manual of Conchology. All the forms listed are present in the Museum collection except those lacking a statement of the authority of identification. The author intends that this list may be considered a preliminary catalogue showing merely what species are at present in our collection.

It may seem advisable at some future date to publish catalogues of genera or groups of species based on the collections now in the Museum. A very few species in our collection were not dealt with at the time the manuscripts were prepared for the Manual of Conchology (due to insufficient material), and numerous new forms are continually being added. The scope of these catalogues will be to show as far as possible our knowledge of the distribution and variation of each of the species dealt with.

A summary tabulation follows the list. We are fortunate to have represented in our collections such a large percentage of what may be considered type material.

LEPTACHATINÆ.

LEPTACHATINA.

Species from Kauai.

Leptachatina acuminata (Gld.).

Specimens identified from description.

Leptachatina cuneata C.

Holotype and paratypes.

Leptachatina antiqua Pse.

Specimens identified from description.

Leptachatina lævis Pse.

Specimens compared with types.

Leptachatina knudseni C.

Holotype and paratypes.

Leptachatina cylindrata Pse.

Specimens compared with paratypes.

Leptachatina brevicula Pse.

Specimens identified from description.

Leptachatina brevicula var. *micra* C.

Holotype and paratypes.

Leptachatina pachystoma (Pse.).

Specimens compared with types.

Leptachatina pachystoma var. *turgidula* (Pse.).

Specimens compared with types.

Leptachatina pachystoma var. *cylindrella* C.

Holotype and paratypes.

Leptachatina pachystoma var. *brevis* C.

Holotype and paratypes.

Leptachatina lucida Pse.

Specimens identified from description.

Leptachatina striata (Newc.).

Leptachatina attenuata C.

Holotype and paratypes.

Leptachatina balteata Pse.

Specimens compared with types.

Leptachatina costulosa Pse.

Specimens identified from description.

Leptachatina extensa Pse.

Specimens identified from description.

Leptachatina gayi C.

Holotype.

Leptachatina leucochila (Gul.).

Paratype.

Leptachatina pupoidea C.

Holotype and paratypes.

Leptachatina striatula (Gld.).

Specimens compared with types.

Leptachatina tenebrosa (Pse.).

Specimens compared with types.

Leptachatina (*Angulidens*) *fossilis* C.

Specimens identified by author.

Leptachatina (*Tha anumia*) *perforata* C.

Holotype and paratypes.

Leptachatina (*Ilikala*) *fraterna* C.

Holotype and paratypes.

Species from Oahu.

- Leptachatina sandwichensis* (Pfr.).
Specimens compared with types.
- Leptachatina stiria* (Gul.).
Specimens compared with types.
- Leptachatina illimis* C.
Holotype and paratypes.
- Leptachatina scutilus* (Migh.).
Specimens identified from description.
- Leptachatina popouwelensis* P. & C.
Specimens identified from description.
- Leptachatina cerealis* (Gld.).
Specimens identified from description.
- Leptachatina obtusa* ("Newc." Pfr.).
- Leptachatina teres* (Pfr.).
Specimens identified from description.
- Leptachatina turrita* (Gul.).
- Leptachatina persubtilis* C.
Holotype and paratypes.
- Leptachatina gracilis* (Pfr.).
Specimens compared with types.
- Leptachatina subula* (Gul.).
Specimens identified from description.
- Leptachatina terebralis* (Gul.).
- Leptachatina convexiuscula* Skyes.
Paratype.
- Leptachatina exilis* (Gul.).
Paratype.
- Leptachatina saxatilis* (Gul.).
- Leptachatina exoptabilis* C.
Holotype and paratypes.
- Leptachatina leiahiensis* C.
Holotype and paratypes.
- Leptachatina accincta* (Migh.).
Specimens identified from description.

- Leptachatina crystallina* (Gul.).
Paratypes.
- Leptachatina gummea* (Gul.).
Paratypes.
- Leptachatina triticea* (Gul.).
- Leptachatina oryza* (Pfr.).
Specimens identified from description.
- Leptachatina oryza hesperia* P. & C.
Paratypes.
- Leptachatina vana* Sykes.
Paratype.
- Leptachatina capitosa* C.
Holotype and paratypes.
- Leptachatina pulchra* C.
Holotype and paratypes.
- Leptachatina opipara* C.
Holotype and paratypes.
- Leptachatina opipara manana* P. & C.
Paratypes.
- Leptachatina fumida* (Gul.).
Paratype.
- Leptachatina glutinosa* (Pfr.).
Specimens compared with types.
- Leptachatina dimidiata* (Pfr.).
Specimens compared with types.
- Leptachatina pyramis* (Pfr.).
Specimens compared with types.
- Leptachatina approximans* Anc.
Specimens identified by author.
- Leptachatina cingula* (Migh.).
Specimens identified from description.
- Leptachatina ventulus* (Fer.).
Specimens identified from description.
- Leptachatina pilsbryi* C.
Holotype and paratypes.
- Leptachatina corneola* (Pfr.).
Specimens identified from description.
- Leptachatina marginata* (Gul.).
- Leptachatina resinula* (Gul.).
Paratypes.

- Leptachatina succincta* (Newc.).
Specimens identified from description.
- Leptachatina saccula* (Hart.).
- Leptachatina costulata* (Gul.).
Paratype.
- Leptachatina octogyrata* (Gul.).
Paratype.
- Leptachatina sculpta* (Pfr.).
Specimens compared with types.
- Leptachatina* (*Labiella*) *labiata* (Newc.).
Specimens compared with types.
- Leptachatina* (*Labiella*) *callosa* (Pfr.).
- Leptachatina* (*Labiella*) *lagna* (Gul.).
Paratypes.
- Leptachatina* (*Angulidens*) *cookei* Pils.
Cotype and paratypes.
- Leptachatina* (*Angulidens*) *microdon* P. & C.
Paratype.
- Leptachatina* (*Angulidens*) *subcylindracea* C.
Specimens identified by author.
- Leptachatina* (*Thaanumia*) *omphalodes* (Anc.).
Holotype and paratype.
- Leptachatina* (*Thaanumia*) *optabilis* C.
Holotype and paratypes.
- Leptachatina* (*Thaanumia*) *fuscata* (Gul.).
Specimens compared with types.
- Leptachatina* (*Ilikala*) *fusca* (Newc.).
Specimens compared with types.
- Leptachatina* (*Ilikala*) *fusca* var. *striatella* (Gul.).
Paratypes.
- Leptachatina* (*Ilikala*) *nematoglypta* P. & C.
Paratypes.
- Leptachatina* (*Ilikala*) *petila* (Gul.).
Specimens compared with types.

Species from Molokai.

- Leptachatina lævigata* C.
Holotype and paratypes.
- Leptachatina sagittata* P. & C.
Topotypes. [289]

Leptachatina molokaiensis C.

Holotype and paratypes.

Leptachatina emerita Sykes.

Paratype.

Leptachatina concolor C.

Holotype and paratypes.

Leptachatina conicoides Sykes.

Specimens compared with types.

Leptachatina oryza var. *avus* P. & C.

Paratypes.

Leptachatina varia C.

Holotype and paratypes.

Leptachatina dormitor P. & C.

Paratypes.

Leptachatina somniator P. & C.

Paratypes.

Leptachatina coruscans Hart.

Specimens identified from description.

Leptachatina coruscans dissimilis C.

Holotype and paratypes.

Leptachatina lanceolata C.

Holotype and paratypes.

Leptachatina (*Thaanumia*) *morbida* C.

Holotype and paratypes.

Leptachatina (*Thanumia*) *thaanumi* C.

Holotype and paratypes.

Species from Lanai.

Leptachatina subovata C.

Holotype and paratypes.

Leptachatina smithi Sykes.

Paratype.

Leptachatina semipicta Sykes.

Paratypes.

Leptachatina perkinsi Sykes.

Paratypes.

Leptachatina longiuscula C.

Holotype.

[290]

Leptachatina impressa Sykes.

Specimens compared with types.

Leptachatina supracostata Sykes.

Specimens compared with types.

Leptachatina lanaiensis C.

Holotype and paratypes.

Species from Maui.

Leptachatina fulgida C.

Holotype and paratypes.

Leptachatina baldwini C.

Holotype and paratypes.

Leptachatina obsoleta (Pfr.).

Specimens compared with types.

Leptachatina ovata C.

Holotype and paratypes.

Leptachatina mcgregori P. & C.

Cotype.

Leptachatina grana (Newc.).

Specimens compared with paratypes.

Leptachatina vitreola (Gul.).

Specimens compared with types.

Leptachatina vitreola var. *parvula* (Gul.).

Leptachatina guttula (Gld.).

Specimens compared with types.

Leptachatina nitida (Newc.).

Specimens compared with types.

Leptachatina nitida occidentalis C.

Holotype and paratypes.

Leptachatina præstabalis C.

Holotype and paratypes.

Leptachatina compacta Pse.

Specimens identified from description.

Leptachatina isthmica Anc.

Cotypes.

Leptachatina kuhnsi C.

Holotype and paratypes.

Leptachatina conspicienda C.

Holotype and paratypes.

Leptachatina (Labiella) lenta C.

Holotype and paratypes.

Leptachatina (Angulidens) hyperodon P. & C.

Specimens identified from description.

Leptachatina (Thaanumia) dulcis C.

Holotype and paratypes.

Species from Hawaii.

Leptachatina arborea Sykes.

Paratypes.

Leptachatina simplex Pse.

Specimens compared with types.

Leptachatina defuncta C.

Holotype and paratypes.

Leptachatina lepida C.

Holotype and paratypes.

Leptachatina konaensis Sykes.

Paratypes.

Leptachatina konaensis var. *olaaensis* C.

Holotype and paratypes.

Leptachatina tenuicostata Pse.

Specimens identified from description.

Leptachatina imitatrix Sykes.

Specimens identified from description.

Leptachatina (Angulidens) anceyana C.

Holotype and paratypes.

Leptachatina (Thaanumia) henshawi Sykes.

Paratypes.

PAUAHIA.

Species from Oahu.

Pauahia semicostata (Pfr.).

Pauahia artata C.

Holotype and paratypes.

Pauahia tantilla C.

Holotype and paratypes.

Pauahia chrysallis (Pfr.).

Specimens compared with types.

TORNATELLINIDÆ.

AURICULELLA.

Species from Oahu.

Auriculella diaphana Sm.

Paratypes.

Auriculella diaphana cacuminis P. & C.

Paratypes.

Auriculella straminea C.

Holotype and paratypes.

Auriculella auricula (Fer.).

Specimens identified from description.

Auriculella amœna (Pfr.).

Auriculella olivacea C.

Holotype and paratypes.

Auriculella montana C.

Holotype and paratypes.

Auriculella pulchra Pse.

Paratypes.

Auriculella ambusta Pse.

Specimens compared with types.

Auriculella ambusta obliqua Anc.

Holotype and paratypes.

Auriculella malleata Anc.

Holotype and paratypes.

Auriculella minuta C. & P.

Holotype and paratypes.

Auriculella perversa C.

Holotype and paratypes.

Auriculella perpusilla Sm.

Specimens compared with type.

Auriculella turritella C.

Holotype and paratypes.

Auriculella serrula C.

Holotype and paratypes.

Auriculella castanea (Pfr.).

Specimens compared with types.

Auriculella pettitiana (Pfr.).

Auriculella tantalus P. & C.

Topotypes.

Auriculella chamissoi (Pfr.).

Auriculella tenuis Sm.

Paratype.

Auriculella tenella Anc.

Holotype and paratypes.

Auriculella kuesteri (Pfr.).

Specimens from Molokai.

Auriculella newcombi (Pfr.).

Specimens identified from description.

Auriculella flavida C.

Holotype and paratypes.

Auriculella cerea (Pfr.).

Specimens compared with types.

Auriculella brunnea Sm.

Specimens compared with types.

Auriculella canalifera Anc.

Holotype and paratypes.

Species from Lanai.

Auriculella lanaiensis C.

Species from Maui.

Auriculella uniplicata Pse.

Specimens compared with types.

Auriculella crassula Sm.

Specimens compared with types.

Auriculella expansa Pse.

Specimens compared with types.

Species from Hawaii.

Auriculella westerlundiana Anc.

Holotype and paratypes.

GULICKIA.

Gulickia alexandri C. & P.

Holotype and paratypes.

ELASMIAS.

Elasmias fuscum (Anc.).

Holotype and paratypes.

Elasmias fuscum obtusum P. & C.

Topotypes.

Elasmias luakahaense C. & P.

Holotype and paratypes.

Elasmias anceyanum C. & P.

Holotype and paratypes.

TORNATELLINA.

Tornatellina baldwini Anc.

Holotype and paratypes.

Tornatellina baldwini subrugosa P. & C.

Tornatellina mcgregori P. & C.

Paratypes.

Tornatellina cylindrica Sykes.

Paratypes.

Tornatellina cylindrica kilohanana P. & C.

Paratypes.

Tornatellina polygnampta P. & C.

Paratypes.

Tornatellina polygnampta kamaloensis P. & C.

Specimens identified from description.

Tornatellina peponum (Gld.).

Specimens compared with types.

Tornatellina lanceolata C. & P.

Holotype and paratypes.

Tornatellina gracilis Pse.

Specimens compared with types.

Tornatellina oblonga Pse.

Specimens compared with types.

Tornatellina gayi C. & P.

Holotype and paratypes.

Tornatellina tantalus P. & C.

Topotypes.

[295]

TORNATELLIDES.

(Group of T. simplex.)

Tornatellides compactus (Sykes).

Paratypes.

Tornatellides procerulus (Anc.).

Cotypes.

Tornatellides procerulus puukolekolensis P. & C.

Cotype and paratypes.

Tornatellides procerulus kailuanus P. & C.

Cotype and paratypes.

Tornatellides kamaloensis P. & C.

Paratypes.

Tornatellides kilauea P. & C.

Paratype.

Tornatellides kahukuensis P. & C.

Paratypes.

Tornatellides confusus (Sykes).

Specimens identified from figure.

Tornatellides bryani C. & P.

Holotype and paratypes.

Tornatellides kahoolavensis C. & P.

Holotype and paratypes.

Tornatellides konaensis C. & P.

Holotype and paratypes.

Tornatellides subangulatus (Anc.).

Holotype and paratypes.

Tornatellides oncospira C. & P.

Holotype and paratypes.

Tornatellides inornatus P. & C.

Paratypes.

(Group of T. thaanumi.)

Tornatellides thaanumi C. & P.

Holotype and paratypes.

Tornatellides idæ C. & P.

Holotype and paratypes.

Tornatellides idæ anisoplax P. & C.

Paratypes.

Tornatellides diptyx P. & C.

Paratypes.

(*Group of T. cyphostyla.*)

- Tornatellides cyphostyla* (Anc.).
Holotype and paratypes.
- Tornatellides attenuatus* C. & P.
Holotype and paratypes.
- Tornatellides insignis* P. & C.
Paratypes.
- Tornatellides pilsbryi* C.
Holotype and paratypes.
- Tornatellides oahuensis* C. & P.
Holotype and paratypes.
- Tornatellides moomomiensis* P. & C.
Paratypes.

(*Group of T. perkinsi.*)

- Tornatellides perkinsi* (Sykes).
Specimens compared with types.
- Tornatellides perkinsi* var. *acicula* C. & P.
Holotype and paratypes.
- Tornatellides comes* P. & C.
Paratype.
- Tornatellides frit* P. & C.
Paratypes.
- Tornatellides productus* (Anc.).
Holotype and paratypes.
- Tornatellides macromphala* (Anc.).
Holotype and paratypes.
- Tornatellides macromphala* *ada* P. & C.
Specimens identified from description.
- Tornatellides micromphala* P. & C.
Paratypes.
- Tornatellides spaldingi* C. & P.
Holotype and paratypes.

(*Group of T. euryomphala.*)

- Tornatellides euryomphala* (Anc.).
Holotype and paratypes.
- Tornatellides irregularis* C. & P.
Holotype and paratypes.

Tornatellides ronaldi C. & P.

Holotype and paratypes.

Tornatellides popouelensis P. & C.

Paratypes.

Tornatellides pyramidatus (Anc.).

Holotype.

Tornatellides waianaensis P. & C.

Paratypes.

Tornatellides brunneus C. & P.

Holotype and paratypes.

Tornatellides macroptychia (Anc.).

Holotype and paratypes.

Tornatellides virgula C. & P.

Holotype and paratypes.

Tornatellides bellus C. & P.

Holotype and paratypes.

Tornatellides plagioptyx P. & C.

Paratypes.

Tornatellides leptospira C. & P.

Holotype and paratypes.

(*Group of T. terebra.*)

Tornatellides terebra (Anc.).

Holotype and paratypes.

Tornatellides prionoptychia C. & P.

Holotype and paratypes.

Tornatellides forbesi C. & P.

Holotype and paratypes.

Tornatellides forbesi var. *nanus* C. & P.

Holotype and paratypes.

Tornatellides drepanophora C. & P.

Holotype and paratypes.

Tornatellides serrarius P. & C.

Specimens identified from description.

(*Subgenus Waimea.*)

Tornatellides (*Waimea*) *rudicostata* (Anc.).

Holotype.

[298]

TORNATELLARIA.

- Tornatellaria lilæ* C. & P.
Holotype and paratypes.
- Tornatellaria adelinæ* P. & C.
Paratype.
- Tornatellaria occidentalis* P. & C.
Paratypes.
- Tornatellaria newcombi* (Pfr.).
Specimen compared with types.
- Tornatellaria stokesi* P. & C.
Specimen identified from description.
- Tornatellaria umbilicata* (Anc.).
Holotype and paratypes.
- Tornatellaria trochoides* (Sykes).
Paratypes.
- Tornatellaria cincta* (Anc.).
Paratypes.
- Tornatellaria anceyana* C. & P.
Holotype and paratypes.
- Tornatellaria henshawi* (Anc.).
Holotype and paratypes.
- Tornatellaria sykesi* C. & P.
Holotype and paratypes.
- Tornatellaria sykesi illibata* C. & P.
Holotype and paratypes.
- Tornatellaria convexior* P. & C.
Specimens identified from description.
- Tornatellaria abbreviata* (Anc.).
Paratypes.
- Tornatellaria abbreviata hawaiiensis* C. & P.
Holotype and paratypes.
- Tornatellaria smithi* C. & P.
Holotype and paratypes.
- Tornatellaria sharpi* P. & C.
Topotype identified from description.
- Tornatellaria baldwiniana* C. & P.
Holotype and paratypes.

SUMMARY.

Genus.	Island.	Number of named forms.	Number of named forms rep- resented in collection by type material.	Number of named forms not represented in collec- tion.
LEPTACHATINA.	Kauai.	26	11	1
	Oahu.	58	25	8
	Molokai.	15	13	
	Lanai.	8	6	
	Maui.	19	10	1
	Hawaii.	10	7	
PAUAHIA.		4	2	1
AURICULELLA.	Oahu.	23	15	4
	Molokai.	5	2	
	Lanai.	1	1	
	Maui.	3		
	Hawaii.	1	1	
GULICKIA.		1	1	
ELASMIAS.		4	4	
TORNATELLINA.		13	8	1
TORNATELLIDES.		52	48	
TORNATELLARIA.		18	14	
TOTALS.		261	168	16



Cooke, C. Montague. 1918. "Leptachatinae and Tornatelliniade in the B. P. Bishop Museum." *Occasional Papers of the Bernice Pauahi Bishop Museum of Polynesian Ethnology and Natural History* 6(5), 285–300.

View This Item Online: <https://www.biodiversitylibrary.org/item/91077>

Permalink: <https://www.biodiversitylibrary.org/partpdf/352063>

Holding Institution

Smithsonian Libraries and Archives

Sponsored by

Smithsonian

Copyright & Reuse

Copyright Status: Public domain. The BHL considers that this work is no longer under copyright protection.

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.