

SELECTED MOLLUSKS FROM THE POUL CREEK AND YAKATAGA FORMATIONS, YAKATAGA AND MALASPINA DISTRICTS, ALASKA
SHOWING TENTATIVE IDENTIFICATION AND STRATIGRAPHIC RANGE

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- Stratigraphic range and number of collections containing species cited
- X Species cited present at stratigraphic position indicated, range not known
- × Species cited present at approximate stratigraphic position indicated
- ? Species cited doubtfully present at stratigraphic position indicated

	Top	Base
	YAKATAGA FORMATION	POUL CREEK FORMATION
PELECYPODA:		
1 <i>Acila pectiniburzensis</i> (Reagan) (= <i>alaskensis</i> Clark) (strongly developed lunule)		7
2 <i>Acila</i> sp. (variable; includes <i>taliaferroi</i> Schenck (= <i>hamiltonensis</i> Clark) and <i>yakatagensis</i> Clark). Some specimens resemble <i>epirensis</i> Howe, <i>blancoensis</i> Howe, and <i>conradi</i> (Week) (lunule not developed or very weak)	?	16
3 <i>Yoldia</i> cf. <i>Y. scissurata strigata</i> Dall (with diagonal sculpture)	4	
4 <i>Mucilana</i> sp. aff. <i>M. washingtonensis</i> (Weaver) (posterior slender and elongate)	?	?
5 <i>Mucilana</i> sp. aff. <i>M. cuhalisensis</i> (Weaver)	?	X
6 <i>Anadara</i> sp. aff. <i>A. conanti</i> (Dall) and <i>A. medialispressa</i> (Clark)		2 ?
7 <i>Amussium</i> n. sp. ? (5 millimeters in diameter)		X
8 Large pectinids including: <i>Patinopecten yakatagensis</i> (Clark), <i>P. aff. P. propatulus</i> (Conrad), and <i>P. aff. P. purisimacensis</i> (Arnold)	?	11
9 <i>Chilarys</i> n. sp. ? aff. <i>C. parvireti</i> (Dall)		2
10 <i>Chilarys</i> n. sp. ? aff. <i>C. watti</i> (Arnold)	X	
11 <i>Lima</i> cf. <i>L. twinensis</i> Durham (over 100 millimeters)		2 X
12 <i>Crenella porterensis</i> Weaver		X
13 <i>Antarte</i> aff. <i>A. alaskensis</i> Dall (heavy concentric ribs)	X	
14 <i>Crassatellites</i> n. sp. aff. <i>C. washingtoniana</i> Weaver		X
15 <i>Cardita</i> (<i>Cyclocardia</i>) aff. <i>C. (C.) hannibali</i> (Clark) (very granular ribs)		3
16 <i>Cardita</i> (<i>Cyclocardia</i>) <i>yakatagensis</i> (Clark), (deep lunule, 25 ribs)		5
17 <i>Cardita</i> (<i>Cyclocardia</i>) cf. <i>C. (C.) hamiltonensis</i> (Clark) (shallow lunule, 21-22 ribs, ribs weak anteriorly)		4
18 <i>Cardita</i> (<i>Cyclocardia</i>) n. sp. (small 12-14 millimeters, ribs obsolete antero-ventrally)	X	X
19 <i>Cardita</i> (<i>Cyclocardia</i>) n. sp. ? aff. <i>C. (C.) crassidens</i> (Eroderip and Sowerby) and <i>C. (C.) sauciatata</i> (Krause) (large - 40 millimeters, 12-13 broad low ribs)		5
20 <i>Thyasira</i> cf. <i>T. biocata</i> (Conrad)	X	3
21 <i>Nemocardium weaveri</i> (Anderson and Martin)		X
22 <i>Nemocardium lorenzianum</i> (Arnold)		X
23 "Cardium" <i>alaskensis</i> Clark and "C." aff. "C." <i>alaskensis</i> Clark (small - 17 millimeters or less, many very fine ribs)		19
24 "Cardium" <i>hamiltonensis</i> Clark (over thin, medium sized - 40 millimeters) (possibly two species are included)		14
25 <i>Cardium</i> (<i>Cerastoderma</i>) aff. <i>C. (C.) rossense</i> Dall		3
26 <i>Cardium</i> (<i>Cerastoderma</i>) <i>yakatagensis</i> Clark. Possibly 2 species are included		6
27 <i>Serripes groenlandicus</i> (Bruguiere)	X	
28 <i>Chione securis</i> cf. var. <i>alaskensis</i> Clark	X	3
29 <i>Pitar</i> sp. aff. <i>P. dalli</i> (Weaver)		5
30 <i>Cerastoderma</i> sp. aff. <i>C. angustifrons</i> (Conrad) (may be <i>Marcia rossensis</i> of Weaver; W.B.S. Bull. 15, p. 63 - Lincoln and Blakeley)		4
31 <i>Macrocallista pittsburgensis</i> (Dall)		3
32 <i>Katherinella</i> cf. <i>K. arnoldi</i> (Weaver)		4
33 <i>Mya salomonensis</i> Clark		?
34 <i>Mya</i> cf. <i>M. truncata</i> Linné	X	
35 <i>Panomya</i> cf. <i>P. turrida</i> Dall		X
36 <i>Panomya</i> aff. <i>P. norvegica</i> (Spengler)	2	?
37 <i>Myadema</i> sp.		X
38 <i>Colena</i> sp. aff. <i>C. eugonensis</i> (Clark) and <i>C. lorenzana</i> (Wagner and Schilling)		3
39 <i>Panope</i> cf. <i>P. snohomishensis</i> Clark		2
40 <i>Turacia</i> cf. <i>T. trapezoides</i> Conrad	X	?
41 <i>Cochlicocum bairdianum</i> Clark		X
42 <i>Periploma</i> sp. cf. <i>P. beaucheensis</i> (Yokoyama)		X
GASTROPODA:		
1 <i>Turricula</i> cf. <i>T. washingtoniana turbonata</i> Clark		4
2 <i>Turritella</i> aff. <i>T. diversilaminata</i> Morrison (= <i>blakeleyensis</i> Weaver) and <i>T. porterensis</i> (Weaver) (fine spirals; possibly 3 species represented)		11
3 <i>Turritella hamiltonensis</i> Clark (coarse spirals)		18
4 <i>Echinophoria</i> cf. <i>E. rex</i> (Tegland) (internal fold may be <i>rex</i>)		X
5 <i>Echinophoria</i> cf. <i>E. rex</i> (Tegland) (no third row of nodes - may be intermediate between <i>rex</i> and <i>apta</i> and properly referable to <i>apta</i>)		X X
6 <i>Echinophoria apta</i> (Tegland)		23 X
7 <i>Pseudoperissolax</i> cf. <i>P. trophonoides</i> Tegland		X
8 <i>Fusitriton</i> sp. aff. <i>F. mathewsoni</i> (Gabb) and <i>F. vancouverense</i> (Clark and Arnold)		10
9 <i>Fusitriton</i> sp. aff. <i>F. rossense</i> (Dall) and <i>F. pacificum</i> (Dall)		3
10 <i>Neptunea</i> n. sp. (high spire, long columella, no spiral ribs)	?	?
11 <i>Neptunea postplanata</i> (Dall)		X
12 <i>Neptunea</i> sp. aff. <i>N. columensis</i> (Martin) and <i>N. tabulata</i> (Baird) (variable - shoulder broad and sloping, rounded to subcarinate, spirals weak to strong; also aff. <i>hawleyi</i> Carson)		17
13 <i>Neptunea</i> cf. <i>N. lyrata</i> (Zoselin)	X	X
14 <i>Beringius crebricostatus</i> (Dall)		X ? ?
15 <i>Colus</i> sp. cf. <i>C. jordanii</i> (Dall)		6 X
16 <i>Buccinum</i> sp. aff. <i>B. plectrum</i> Stimpson	X	
17 <i>Ancistrolepis clarki teglandae</i> Durham		8
18 <i>Braclarkia acuminatum</i> (Anderson and Martin)		X
19 <i>Perse teglandae</i> Durham		X
20 <i>Whitneyella</i> sp. cf. <i>W. lincolniensis</i> (Van Winkle)		5
21 <i>Fusinus</i> (<i>Priscofusus</i>); including sp. cf. <i>F. (F.) necoxi</i> (Arnold) <i>F. (F.) sanctaerulae</i> (Arnold), and <i>F. (F.) stewarti</i> Tegland		14
22 <i>Fusinaea</i> (<i>Miceliona</i>) <i>weaveri</i> (Tegland)		11
23 <i>Cancellaria alaskensis</i> Clark (short, inflated)		4
24 <i>Cancellaria</i> n. sp. (slender, high spired)		2
25 <i>Antiplanes</i> sp. cf. <i>A. perversa</i> (Gabb)	?	2 X
26 <i>Scaphander</i> sp. cf. <i>S. alaskensis</i> Clark		7
CEPHALAPODA:		
1 <i>Aturia angustata alaskensis</i> Schenck		6

Note: This table is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.