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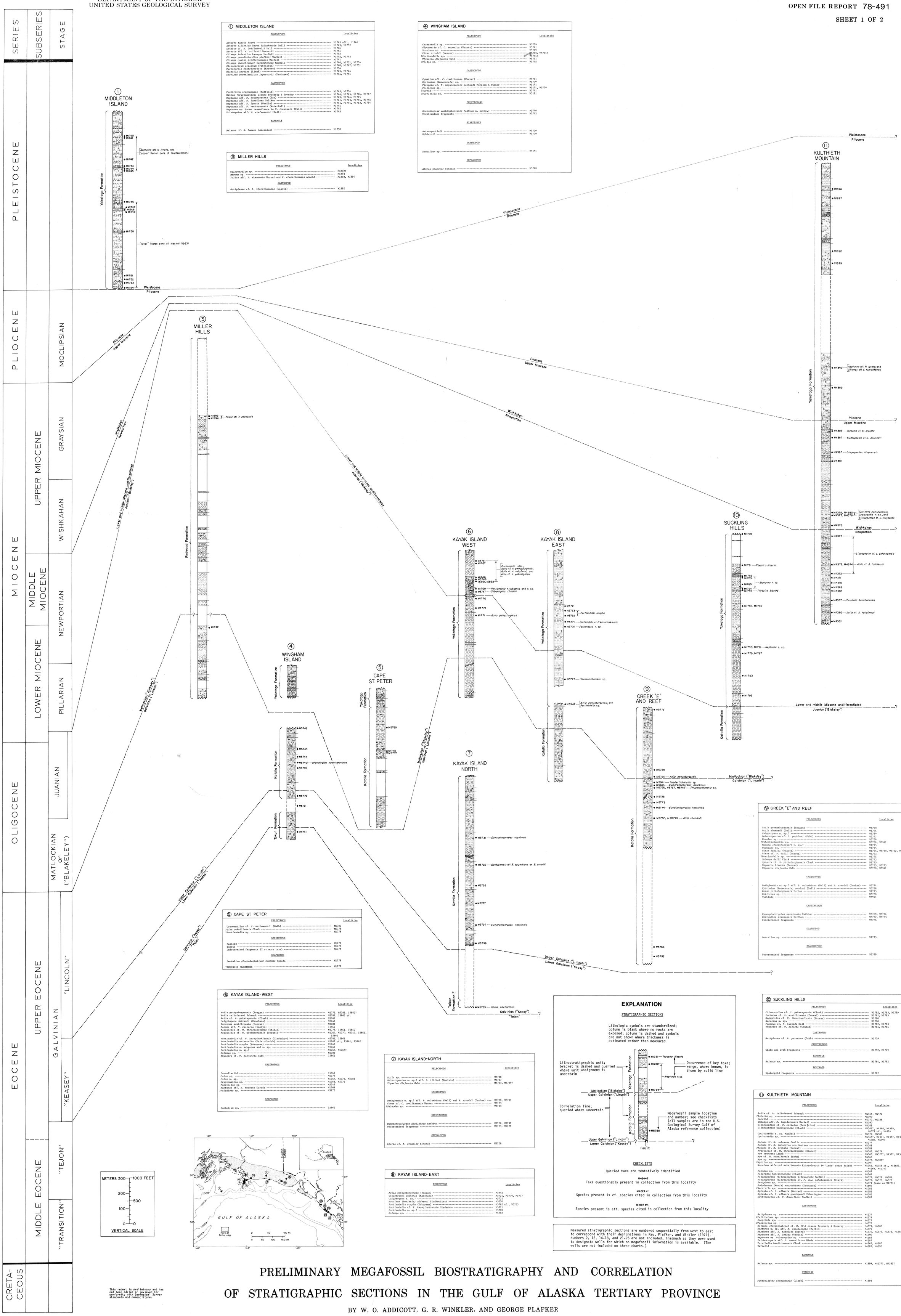
SHEET 1 OF 2



① MIDDLETON ISLAND

PELECYPODS	Localities
Astarte fabula Reeve	M1743 aff., M1746
Astarte ellintica Brown (alaskensis Dall)	M1743, M1752
Astarte cf. A. leffingwelli Dall	M1746
Astarte aff. A. rollandi Bernard	M1754
Chlamys islandica Kanagae MacNeil	M1742
Chlamys pseudislandica plafkeri MacNeil	M1742, M1743
Chlamys coatsi middletonensis MacNeil	M1741
Chlamys (Leochlamys) tugidakensis MacNeil	M1746, M1751, M1754
Clinocardium ciliatum (Fabricius)	M1740, M1747, M1751
Cyclocardia crebricostata (Krause)	M1754
Nuculla arctica (Linné)	M1743, M1744
Serripes groenlandicus laperousii (Deshayes)	M1744, M1754
GASTROPODS	
Fusitriton oregonensis (Redfield)	M1745, M1754
Natica (Cryptonatica) clausa Broderip & Sowerby	M1744, M1745, M1746, M1747
Neptunea aff. N. decemcostata (Say)	M1743, M1744, M1745
Neptunea aff. N. lamellosa Golikov	M1741, M1743, M1744, M1745
Neptunea aff. N. lyrata (Gmelin)	M1741, M1744, M1753, M1754
Neptunea aff. N. ventursensis (Waterfall)	M1744
Neptunea sp. (some resemblance to N. insularis Dall)	M1742
Volutopsius aff. V. stefanssoni (Dall)	M1745
BARNACLE	
Balanus cf. B. hameri (Ascanius)	M1750

③ MILLER HILLS

PELECYPODS	Localities
Clinocardium sp.	M1892?
Macoma sp.	M1893
Yoldia aff. Y. akanensis Uozumi and Y. chehalisensis Arnold	M1893, M1894
GASTROPOD	
Antiplanes cf. A. thurstonensis (Weaver)	M1892

④ WINGHAM ISLAND

PELECYPODS	Localities
Crassatella sp.	M5774
Glycymeris cf. G. eocenica (Weaver)	M5741
Nuculana sp.	M5779
Pitar arnoldi (Weaver)	M5743, M5745?
?Portlandella sp.	M5744?
Thyasira disjuncta Gabb	M5741
?Yoldia sp.	M5745
GASTROPODS	
Cymatium aff. C. cowlitzense (Weaver)	M5741
Epitonium (Boreoscala) sp.	M5779
Ficopsis cf. F. meganoseensis packardi Merriam & Turner	M5191
Polinices sp.	M5191, M5779
?Turrid	M5741
?Turritella sp.	M5191
CRUSTACEANS	
Branchioplax washingtonianis Rathbun n. subsp.?	M5740
Undetermined fragments	M5742
STARFISHES	
Asteropectinid	M5779
Ophiuroid	M5779
SCAPHOPOD	
Dentalium sp.	M5191
CEPHALOPOD	
Aturia grandior Schenck	M5740

⑤ CAPE ST. PETER

PELECYPODS	Localities
Crenomytilus cf. C. nathawsoni (Gabb)	M5780
?Lima oakvillensis Clark	M5778
?Portlandella sp.	M1778
GASTROPODS	
Naticid	M1778
Turrid	M1778
Undetermined fragments (2 or more taxa)	M1778
SCAPHOPOD	
Dentalium (Cocodentalium) nunomae Takeda	M1778
?ECHINOID FRAGMENTS	M1778

⑥ KAYAK ISLAND-WEST

PELECYPODS	Localities
Acila gettysburgensis (Reagan)	M1771, M5781, 15862?
Acila taliaferroi Schenck	M5781, 15862 cf.
Acila cf. A. yakataganensis (Clark)	M1767
Calyptogena chitani (Kanehara)	M5781
Lucinoma acutilineata (Conrad)	M5781
Macoma aff. M. calcarea (Gmelin)	15862
Megayoldia cf. M. thraciaeformis (Storer)	M5775, 15861, 15862
Megayoldia cf. M. yotsukurensis (Uozumi)	M1767, M1770, M5747, 15861, 15862
Portlandella cf. P. karaginskiensis (Gladenkov)	M5781, 15861
Portlandella orientalis (Kristofovich)	M1767 cf., 15861, 15862
Portlandella scapha (Yokoyama)	M1767
Portlandella n. subgenus and n. sp.	M1769
Portlandella n. sp.?	M1767, M1768?
Solemya sp.	M5781
Thyasira cf. T. disjuncta Gabb	15861
GASTROPODS	
Cancellariid	15861
Colus sp.	M5775
Colus n. sp.	M1767, M5775, M5781
Cryptonatica sp.	M1768, M5775
Fusitriton sp.	M5346
Neptunea aff. N. modesta Kuroda	M1768
?Polinices sp.	M5775
SCAPHOPOD	
Dentalium sp.	15862

⑦ KAYAK ISLAND-NORTH

PELECYPODS	Localities
Acila sp.	M5728
Delectopecten n. sp.? aff. D. lillisi (Herlein)	M5727
Thyasira disjuncta Gabb	M5723, M5739?
GASTROPODS	
Bathybembix n. sp.? aff. B. columbiana (Dall) and B. arnoldi (Durham)	M5729, M5731
Conus cf. C. cowlitzensis Weaver	M5723
?Galeodea sp.	M5723
CRUSTACEANS	
Eumorphocorystes naselensis Rathbun	M5726, M5731
Undetermined fragments	M5723, M5729
CEPHALOPOD	
Aturia cf. A. grandior Schenck	M5726

⑧ KAYAK ISLAND-EAST

PELECYPODS	Localities
Acila gettysburgensis (Reagan)	M5942
Calyptogena chitani (Kanehara)?	M5721, M5770, M5777
Nuculana (Borissia) alferovi Slodkewitsch	M5770
Portlandella scapha (Yokoyama)	M5762 cf., M5763
Portlandella cf. P. karaginskiensis Gladenkov	M5771
Portlandella n. sp.?	M5770
Solemya sp.	M5942

⑨ CREEK "E" AND REEF

PELECYPODS	Localities
Acila gettysburgensis (Reagan)	M5720
Acila shumardi (Dall)	M1775
Calyptogena n. sp.?	M5759
Delectopecten cf. D. peckhami (Gabb)	M5767
Edmondia sp.	M5768
?Hubertschenckia sp.	M5768, M5941
Macoma (Rexithaerus?) n. sp.?	M1775
Nuculana sp.	M1775
Pitar arnoldi (Weaver)	M1775, M5750, M5752, M5768
Pitar cf. P. dalli (Weaver)	M5773
?Portlandella sp.	M1775
Solempa dalli Clark	M5772
Spisula cf. S. pittsburghensis Clark	M1775
Thyasira bisecta (Conrad)	M5725, M5773
Thyasira disjuncta Gabb	M5768, M5941
GASTROPODS	
Bathybembix n. sp.? aff. B. columbiana (Dall) and B. arnoldi (Durham)	M5774
Epitonium (Boreoscala) condoni (Dall)	M5768
Perse pittsburghensis Durham	M1775
Polinices sp.	M5768
Turbinid	M5941
CRUSTACEANS	
Eumorphocorystes naselensis Rathbun	M5769, M5774
Portunites alaskensis Rathbun	M5752, M5753
Undetermined fragments	M5766
SCAPHOPOD	
Dentalium sp.	M1775
BRACHIOPODS	
Undetermined fragments	M5769

⑩ SUCKLING HILLS

PELECYPODS	Localities
Clinocardium cf. C. yakataganensis (Clark)	M1782, M1783, M1789
Lucinoma cf. L. acutilineata (Conrad)	M1781, M1785
Megayoldia cf. M. thraciaeformis (Storer)	M1780
Nuculana n. sp.	M1788
Panomya cf. P. turgida Dall	M1782, M1783
Thyasira cf. T. bisecta (Conrad)	M1781, M1785
GASTROPOD	
Antiplanes cf. A. perversa (Gabb)	M1779
CRUSTACEANS	
Crabs and crab fragments	M1792, M1779
BARNACLE	
Balanus sp.	M1784, M1792
ECHINOID	
Spatangoid fragments	M1787

⑪ KULTHIETH MOUNTAIN

PELECYPODS	Localities
Acila cf. A. taliaferroi Schenck	M4366, M4374
?Astarte sp.	M4390
Cardid	M4377, M4388
Chlamys aff. C. tugidakensis MacNeil	M4390
Clinocardium cf. C. ciliatum (Fabricius)	M4388
Clinocardium yakataganensis (Clark)	M4364?, M4368, M4369, M4371 cf., M4374
Cyclocardia n. sp. MacNeil	M4377, M4380
Cyclocardia sp.	M4364?, M4371, M4387, M4388, M4389, M4390
Macoma cf. M. calcarea Gmelin	M4374
Macoma cf. M. incongrua von Martens	M4388
?Macoma cf. M. arctata (Conrad)	M4388
Megayoldia cf. M. thraciaeformis (Storer)	M4368, M4374
Mya truncata Linné	M4368, M4370?, M4377, M4386
Mya cf. M. cuneiformis (Bohm)	M4366
Mya sp.	M4375, M4388?
?Mytilus sp.	M4390
Nuculana alferovi nakalinensis Kristofovich (= "Leda" fossa Baird)	M4365, M4366 cf., M4368?, M4369, M4377?
Panomya sp.	M4389
Papyridea hamiltonensis (Clark)	M4368
Patinopecten (Litupapecten) litupannis MacNeil	M4377, M4378, M4386
Patinopecten (Litupapecten) cf. P. (L.) yakataganensis (Clark)	M4372, M4373, M4375
Periploma sp.	M4371 (name as M1791)
Pododesmus (Monia) macrochisma (Deshayes)	M1897
?Securella sp.	M4381
Spisula cf. S. albaria (Conrad)	M4386
Spisula cf. S. albaria goodspeedi Etherington	M4386
Swiftopecten cf. S. dommilleri MacNeil	M4387
GASTROPODS	
Antiplanes sp.	M4377
?Callionoma sp.	M4378
Crepidula sp.	M4377
?Fusitriton sp.	M4377
Natinca (Cryptonatica) cf. N. (C.) clausa Broderip & Sowerby	M4379, M4380
Neptunea n. sp. aff. N. eurekaensis (Martin)	M4379
Neptunea aff. N. tabulata (Baird)	M4376, M4377, M4379, M4380, M4386
Neptunea aff. N. lyrata (Gmelin)	M4390
Neptunea or Volutopsius sp.	M4388
Trichotropsis aff. T. cancellatus Hinds	M4387
Turritella hamiltonensis Clark	M4367, M4380
Vermetid	M4387, M4390
BARNACLE	
Balanus sp.	M1899, M4377, M4381?
STARFISH	
Scutellaster oregonensis (Clark)	M1898

PRELIMINARY MEGAFOSSIL BIOSTRATIGRAPHY AND CORRELATION OF STRATIGRAPHIC SECTIONS IN THE GULF OF ALASKA TERTIARY PROVINCE

BY W. O. ADDICOTT, G. R. WINKLER, AND GEORGE PLAFKER

1978