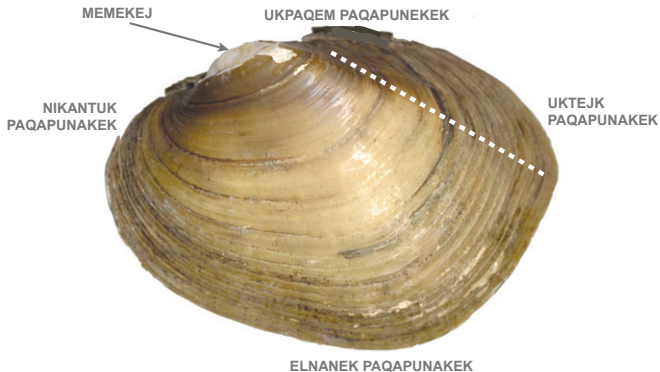


Lampo'qey E'sek Ekjikamu'key Kana'ta: Wiskiknua'tekejik ela'skuk

Wulastukuiktuk-Peskotomuhkati, Mi'kmawayiktuk,
Wenujuiktuk aq Aqlasiewiktuk



ISBN 978-0-919326-86-6

Emsit wasogteskimke' wael tlaia' wigl ula Canadian Museum of Nature.

Pakeio' go' emkawael: Ula wi'katiken kisi akasewa' latl ula tet Department of Fisheries and Oceans ag New Brunswick Museum. Weli welalojik ula Ree Brennin Houston, Department of Fisheries and Oceans; Anne Hamilton, Brent Suttie, New Brunswick Archaeological Services Branch, ag no' jikewonske'se'k Allan Tremblay, Robert Leavitt, Margaret Dolly Apt (Wulastukui'k-Peskotomuhkati), George Paul, Howard Augustine ag Karen Narvey (Mi'kmaw).

Citation: McAlpine, D.F. M.C. Sollows, J. B. Madill, and A. L. Martel. 2021. Lampo'qey E'sek Ekjikamu'key Kana'ta Wiskiknua'tekejik ela'skuk; Wulastukuiktuk-Peskotomuhkati, Mi'kmawayiktuk, Wenujuiktuk aq Aqlasiewiktuk; Ta' puowey wi'katikn. New Brunswick Museum, Saint John, New Brunswick, ag Canadian Museum of Nature, Ottawa, Kana'ta. 96 pp.

Mawio'doomk

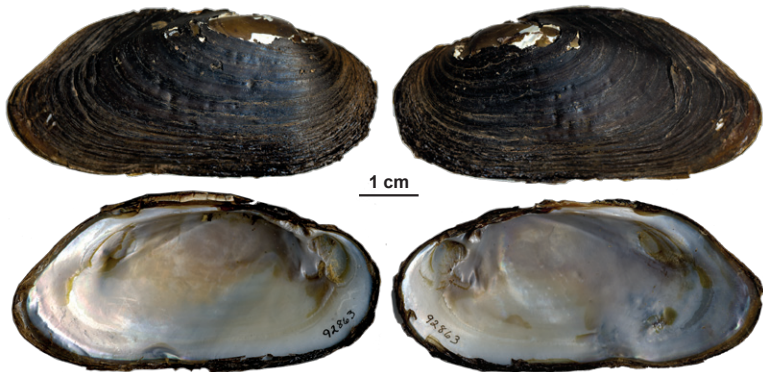
Martel, A. L., D.F. McAlpine, J. Madill, D. Sabine, A. Paquet, M. Pulsifer and M. Elderkin. 2010. Pp. 551-598. Freshwater Mussels (Bivalvia: Margaritiferidae, Unionidae) of the Atlantic Maritime Ecozone. In D.F. McAlpine and I.M. Smith (eds.). Assessment of Species Diversity in the Atlantic Maritime Ecozone. NRC Research Press, National Research Council of Canada, Ottawa, ON. 785 pp.

Nedeau, E.J., M.A. McCollough, and B.I. Swartz. 2000. Freshwater Mussels of Maine. Maine Department of Inland Fisheries and Wildlife, Augusta, ME, 118 pp.



Ujepenukaway Wyopskaway Petilanji'j E's

(*Margaritifera margaritifera*)



1 - 1A

Ujepenukaway Wyopskaway Petilanji'j E's

(*Margaritifera margaritifera*)

Telkilk: Akatai'k – meskilk; we'kaw 150 mm

Petulanji'j: Pase'k, taqamoqi nukjaqtek, waqjuwik elnanek paqapunakek

Ukwijil Petulanji'j: Wisku'namu'k, maqtawe'k, mu elapaqtenuk

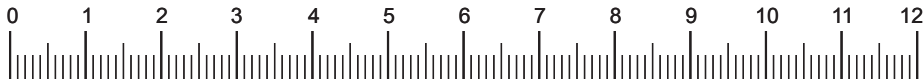
Nuke'kl: Wape'k ewletulit maw uksukuni'l

Tan nuke'kl: Ukpaqam paqapunakekpeknek wisowsesit, muskunemekpetek gisna maqtawe'k; ukpaqam wilnu'kwan m'set. Mu etenuk pantetek tan kisi putuwetew

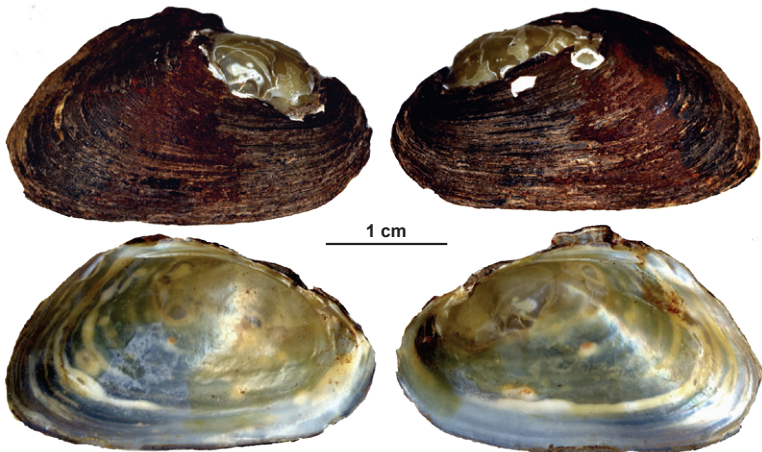
Kana'taewkey Wesku'tasek Tettek: Weljijeke'k; Telte'tmk Weljajike'k/Weljajike'k; Siknitk aq Kespe'k Telte'tmk Weljajike'k; Mi'kma'ki Swel ketemeto't; Epekwitk aq Piktuk O'pl ketemeto'jik (Wild Species 2015).

Taqamoqtekl Wipitl - <i>Margaritifera margaritifera</i>			
Patatuj Wet'lमित		Inaqanuk Wet'lमित	
Awe'katekl	Upmetu'ke'we'	Awe'katekl	Upmetu'ke'we'
2	0	1	0

2 - 1B



Tekwiakusi Tulakaney E's (*Alasmidonta heterodon*)



3 - 2A

Tekwiakusi Tulakaney E's *(Alasmidonta heterodon)*

Telkilk: Apje'ji'jit; we'kaw 45 mm

Petulanji'j: Tulakaneyewikit, kini'kwek uktejk, daqamoqtekl apsa'tasekl, sakske'k elnanek paqapunakek,

Ukwijil Petulanji'j: wataptek-wisku'namu'k, kawatkamu'k-wisku'namu'k, maqtawe'kwisku'namu'k

Uk'wiji petulanji'j: Muskanamu'k-wape'k

Tan nuke'kl: Ukwat nijinjuamu'k

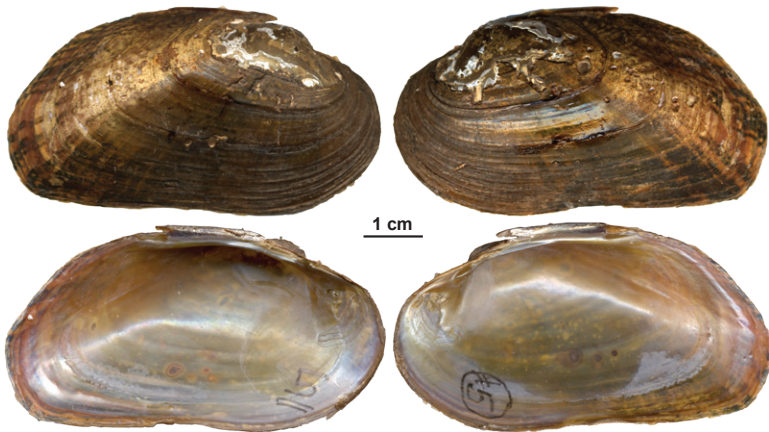
Kana'tawey Wesku'tasek Teltek: Ketemnetki'k (SARA 2003); Siknitk aq Kespe'k Telte'mk Ketemeto'tkik; Mi'kma'ki Mu eim'uk; Epekwitk aq Pittuk Mu eim'uk (Wild Species 2015).

Mimikejewtekl wipitl <i>Alasmidonta heterodon</i>			
Patatuj Wet'lमित		Inaqanuk Wet'lमित	
Awe'katekl	Upmetu'ke'we'	Awe'katekl	Upmetu'ke'we'
2	1	1	2

4 - 2B



Jipu'ji'j Weskito'kwejit E's (*Alasmidonta varicosa*)



5 - 3A

Jipu'ji'j Weskito'kwejit E's (*Alasmidonta varicosa*)

Telkilk: Apje'ji'jit – Apsekilk; we'kaw 70 mm

Petulanji'j: Atu'kwen'ikan ukpaqmq uktejk elpasaqtekl welikaqamko'tasik ta'n tewje'k pemapaqtekl, sakske'k elnanek paqapunakek, ijkaw almeputuatasek U'pmedu'ke'we'

Kujumukey ikalut elaqtek: Wisku'namu'k, stoqanamu'k Kaqi'sk pemapaqtekl

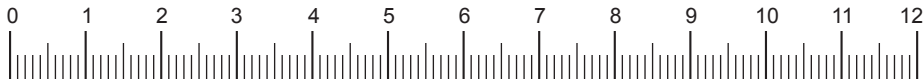
Ukwijl petulanji'j: Muskanamu'k-wape'k, amu'wiw nu'nmimkoe'k, nijinijamu'k

Tan nuke'kl: Ukwat nijinjewamu'k

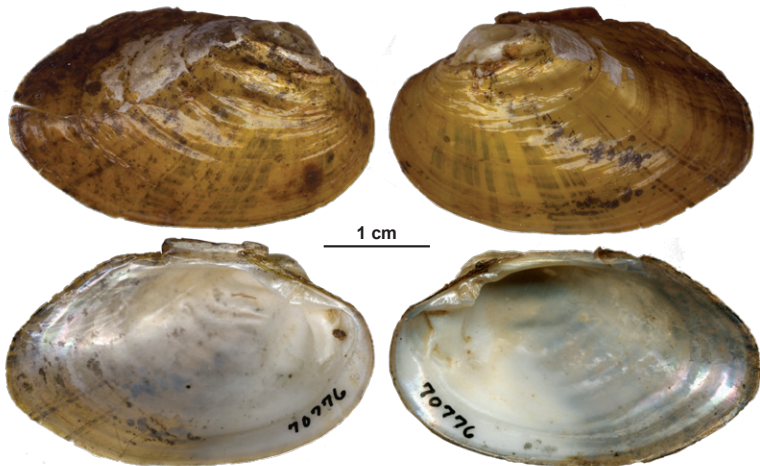
Kana'tawey Wesku'tasek Teltek: Sespetetasek (SARA 2013); Siknitk aq Kesp'e'k Swel ketemeto't; Mi' kma'ki O'pl ketemeto'jik/Swel ketemeto't; Epekwitk aq Piktuk Mu eim'uk (Wild Species 2015).

Mimikejewtekl wipitl <i>Alasmidonta varicosa</i>			
Patatuj Wet'lमित		Inaqanuk Wet'lमित	
Awe'katekl	Upmetu'ke'we'	Awe'katekl	Upmetu'ke'we'
1 Apje'jk maqapskek	0	1 Apje'jk maqapskek	0

6 - 3B



Nesik Weskito'kwejit E's (*Alasmidonta undulata*)



7 - 4A

Nesik Weskito'kwejit E's *(Alasmidonta undulata)*

Telkilk: Apje'ji'jit – agatai'k; we'kaw 80 mm

Petulanji'j: Sesu'pe'k, nesik we'kaw walwape'k, kuto'qi elnaneq paqapunakek, upmetu'ke'we' almeputuwatasek, memegae wenaqtek tan mimikesewtek pemaqtekk

Kujumukey ikalut elaqtek: Wetapte'k-stoqnamu'k, maqtawe'k, stoqnamu'k kaqi'sk pemaqtekl

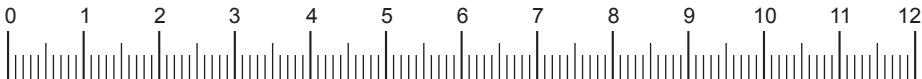
Ukwijl petulanji'j: Uktejk amui muskunamu'k, nikantuk wape'k-mali mekua'kmuk

Tan tet nuke'kl: Ukwat ne'kaw wape'k, jijuaqa nijinijamu'k

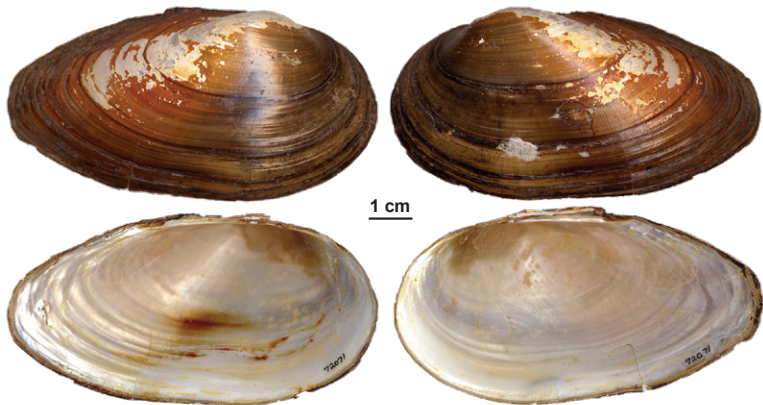
Kana'taewey Wesku'tasek Teltek Telte'tmk: Weljajikey; Siknitk aq Kespe'k Ajkune'kik; Mi' kma'ki O'pl Ketemeto'jik/Swel ketemeto't; Epekwitk aq Piktuk Mu eim'uk (Wild Species 2015).

Mimikejewtekl wipitl <i>Alasmidonta undulata</i>			
Patatuj Wet'lमित		Inaqanuk Wet'lमित	
Awe'katekl	Upmetu'ke'we'	Awe'katekl	Upmetu'ke'we'
2 kiskwekl Keskulk atu'kwenikan	0	1 kiskwekl Keskulk atu'kwenikan	0

8 - 4B



A'pit petupet Weskito'kwejit E's *(Utterbackiana implicata)*



9-5A

A'pit petupet Weskito'kwejit E's *(Utterbackiana implicata)*

Telkilk: Agatai'k– meskilk; we'kaw 180 mm

Petulanji'j: Pepke'jit, welmusiga'k pitaqsit, almeputuatasek alnanek paqapunakek pasek nikantuk

Kujumukey ikalut elaqtek: Stoqanamu'k, wataptek, maqtawe'k

Ukwijl petulanji'j: Amui sumalkiamu'k, nu'nmmimkoe'k gisna wape'k

Tan'n tet nuke'kl: Ukwat wape'k

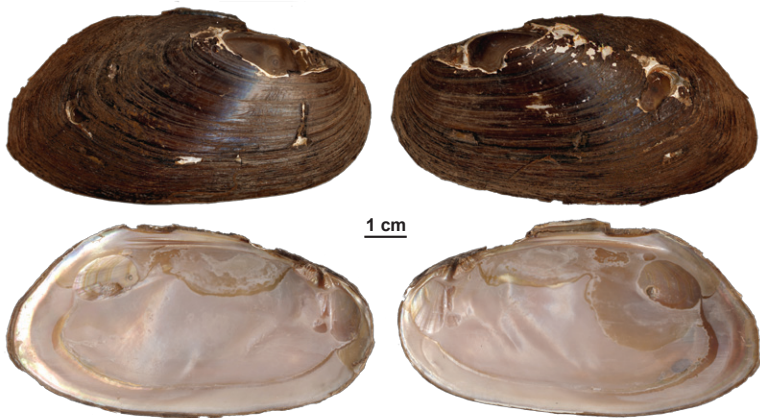
Kana'tawaq wesku'tasek Teltek: Weljajike'k; Siknitk aq Kespe'k Weljajike'k; Mi' kma' ki Telte'tmk Weljajike'k/ Weljajike'k (Wild Species 2015); Epekwitk aq Piktuk Mu eim'uk.

Mimikejewtekl wipitl <i>Utterbackiana implicata</i>			
Patatuj Wet'lमित		Inaqanuk Wet'lमित	
Awe'katekl	Upmetu'ke'we'	Awe'katekl	Upmetu'ke'we'
0	0	0	0

10 - 5B



U'jipenekey Elliptio *(Elliptio complanata)*



11 - 6A

U'jipenekey Elliptio *(Elliptio complanata)*

Telkilk: Agatai'k – meskilk; we'kaw 120 mm

Petulanji'j: Pase'k, amui luskeikanik, upmetuke'we' apsa'tasek maw uktejk atu'kwen'ikan, memegae mu nemitn'm

Kujumukey ikalut elaqtek: Wisku'namu'k we'kaw maqtawe'k

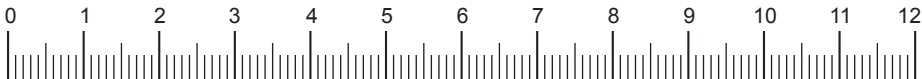
Ukwijl petulanji'j: Wape'k, nu'nmimkoe'k, mu'sku'nemekpetek

Ta'n tet nukwe'kl: Ankuno'sik paqapunakek wesowsesit mu tali wi'kasikw

Kana'tawew wesku'tasek Teltek: Weljajike'k; Mikma'ki Siknitk aq Kespe'k Weljajike'k; Mi' kma' ki Weljajike'k; Epekwitk aq Piktuk Mu eim'uk (Wild Species 2015).

Mimikejewtekl wipitl <i>Elliptio complanata</i>			
Patatuj Wet'lamit		Inaqanuk Wet'lamit	
Awe'katekl	Upmetuke'we'	Awe'katekl	Upmetuke'we'
2	2	1	1

12 - 6B



Wisawe'k wasoqnmagn ankata'lowk (*Lampsilis cariosa*)



Napekw e's
1 cm



Skwemekw e's
1 cm



13 - 7A

Wadap'tek wasoqnamaqn ankata'lowk (*Lampsilis cariosa*)

Telkilk: Agatai'k – meskilk; we'kaw 115 mm

Petulanji'j: Pase'k, walwape'k, upmetuke'we' almeputuatasik, elnanek paqapunakek kuto'qutek, awe'katekl wipitl kikjiw memegae apkewe'k, piamtek memegae

Kujumukey ikalut elaqtek: Wasoqek wetaptek kiswa wataptek wisku'namu'k

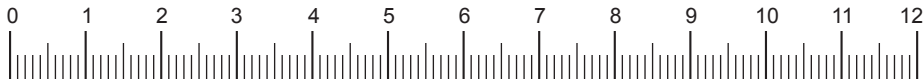
Ukwijl petulanji'j: Wape'k kiswa amui muskanamu'k wape'k

Nuke'kl: Unkuno'sik paqapunakek seupe'k, amalwi'kasek maw wesowsesit, sikunek aq lakulam; stke' etlaktesk aja'tasek maw aqjikata'luekl ukpukukl, maw nemitumk e'pitewiktuk.

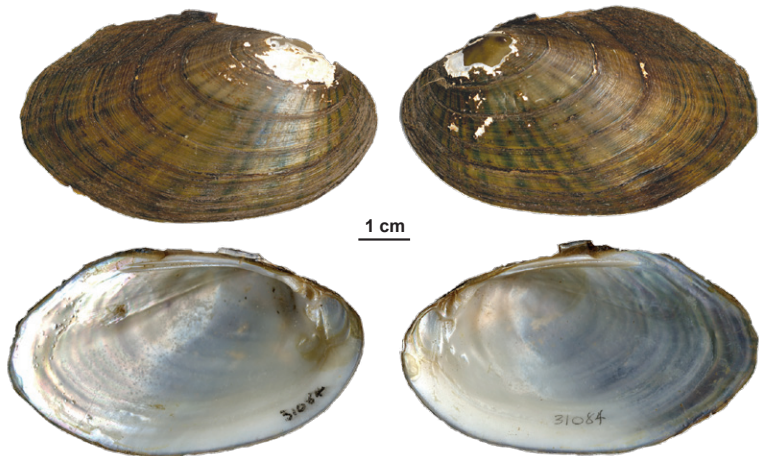
Kana'tawey weku'tasek Teltek: Sespete'tasek (SARA 2005); Siknitk aq Kespe'k Swel ketemeto't; Mi' kma' ki O'pl ketemeto'jik/Swel ketemeto't; Epekwitk aq Piktuk Mu eim'uk (Wild Species 2015).

Mimikejewtekl wipitl <i>Lampsilis cariosa</i>			
Patatuj Wet'lamit		Inaqanuk Wet'lamit	
Awe'katekl	Upmetuke'we'	Awe'katekl	Upmetuke'we'
2 Melketekl maw kesi nmitu'nl pemaqtekl	2	2 aq 3 melketekl maw kesi nmitu'nal pemaqtekl	1

14 - 7B



U'jipanekey wasoqnmaqñ ankata'lowk (*Lampsilis radiata*)



15 - 8A

U'jipanekey wasoqnmaqn ankata'lowk *(Lampsilis radiata)*

Telkilk: Aga'taik – meskilk; we'kaw 130 mm

Petulanji'j: Pase'k, walwape'k, ijka'w almeputuatasek upmetuke'we', memagae mu telki'ktnuk elnanek paqapunakek kuto'qotek, menaqa pase'k

Kujumukey ikalut elaqtek: Wataptek-stoqanamu'k we'kaw -stoqanamu'k, kaqi'sk pentaqtekl

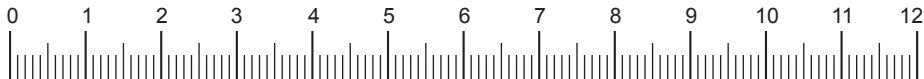
Ukwijl petulanji'j: Wape'k, nu'nmimkoe'k kiswa amui muskanamu'k wape'k

Tan tet nuke'kl: Ankuno'sik paqapunakek kake'k maw amui wesowsesit pemtataqtekl; apje'jk

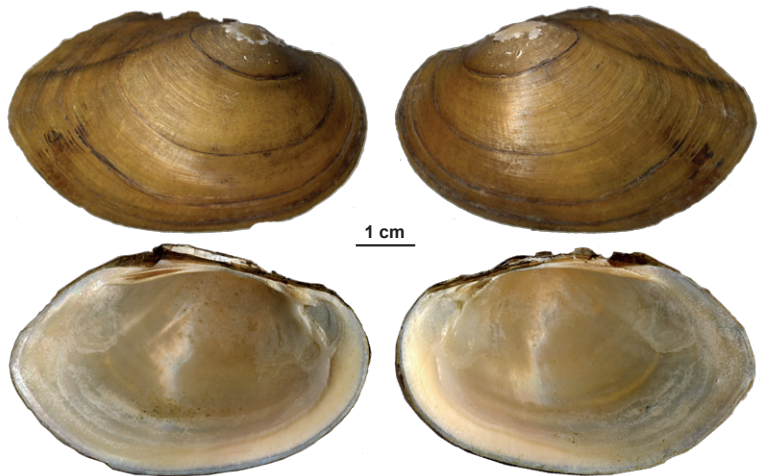
Kana'tawey Wesku'tasek Teltek: Weljajike'k; Siknitk aq Kespe'k Weljajike'k; Mi' kma' ki Ajkune'kik/Telte'tmk Weljajike'k; Epekwitk aq Piktuk Mu eim'uk (Wild Species 2015).

Mimikejewtekl wipitl <i>Lampsilis radiata</i>			
Patatuj Wet'lamit		Inaqanuk Wet'lamit	
Awe'katekl	Upmetuke'we'	Awe'katekl	Upmetuke'we'
2	2	2 kiswa 3	1

16 - 8B



Wejkupa'qey Mucket *(Atlanticoncha ochracea)*



17 - 9A

Wejkupa'qey Mucket *(Atlanticoncha ochracea)*

Telkilk: A'kateik; we'kaw 80 mm

Petulanji'j: Pepke'jit, walwape'k, upmetuke'we' almeputuatasit, alnanek paqapunakek kuto'qikit awe'katekl wipitl nikantuk uksisqon, uksisqon piamki'k

Kujukukey ikalut elaqtek: amui wataptek we'kaw amui stoqanamu'k wisku'namu'k; kaqi'sk ketasunamu'k kuto'qipmtaqtekl

Ukwijl petulanji'j: Wisowsuliewey - wape'k, mali nu'nmimkoe'k kiswa plamuamu'k

Tan tet nuke'kl: Ankuno'sik paqapunakek welamusega'k, mu ewi'kasinuk, ijka' pasek wesowsesit kiswa amui wetapamuksit- wesowsesit

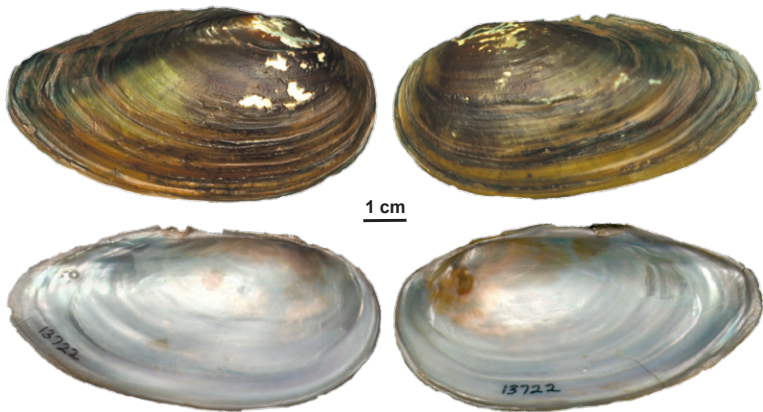
Kana'tawey Wesku'tasek Teltek: Ajkune'kik; Siknitk aq Kespe'k Ajkune'kik; Mi' kma' ki O'pl ketemeto'jik; Epekwitk aq Piktuk Mu eim'uk (Wild Species 2015).

Mimikejewtekl wipitl <i>Atlanticoncha ochracea</i>			
Patatuj Wet'lamit		Inaqanuk Wet'lamit	
Awe'katekl	Upmetu'ke'we'	Awe'katekl	Upmetu'ke'we'
2 pemaqtekl pita'kl mu pemaqtenuk	2	2 pepke'jkl pita'kl mu pemaqtenuk	1

18-9B



U'jipanekey Weskito'kwejít E's (*Pyganodon cataracta*)



19 - 10A

U'jipanekey Weskito'kwejít E's (*Pyganodon cataracta*)

Telkilk: Agatai'k – meskilk; we'kaw 180 mm

Petulanji'j: Pepke'jk, pita'q, upmetu'ke'wey almeputuatasit, piamki'kl tan tewje'k pemapaqtekl elnanek paqapunakek menaqa pepkejk, uksisqon almeputuatasik

Kujumukey ikalut elaqtek: Sesupe'k watapte'k, stoqanamu'k, wisku'namu'k kiswa maqtawe'k

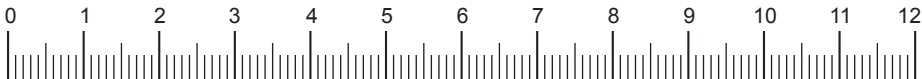
Ukwijl petulanji'j: Wisowsuliewey wape'k, wisawo'k, jijuaqa amui wetaptamu'k

Tan tet nuke'kl: Amu'wiw nijinijamu'k ukwat, maqtawoqsikel u'temkanal

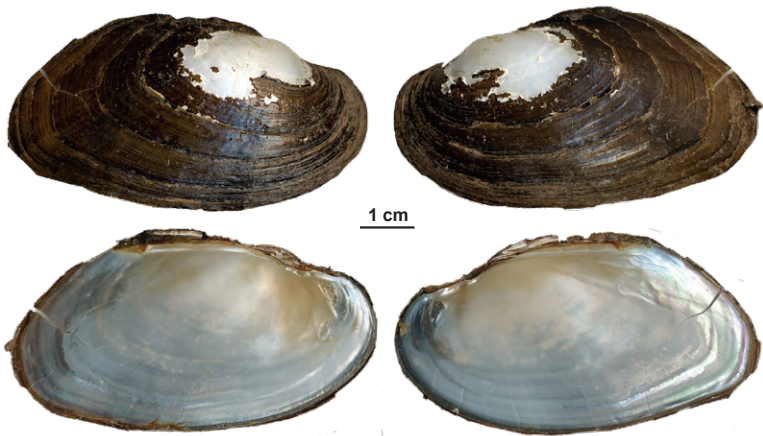
Kana'tawew wesku'tasek Teltek: Weljajike'k; Siknitk aq Kespe'k Weljajike'k; Mi' kma' ki Weljajike'k; Epekwitk aq Piktuk Telte'tmk Weljajike'k (Wild Species 2015).

Mimikejewtekl wipitl <i>Pyganodon cataracta</i>			
Patatuj Wet'lमित		Inaqanuk Wet'lमित	
Awe'katekl	Upmetu'ke'we'	Awe'katekl	Upmetu'ke'we'
0	0	0	0

20 - 10B



Alapekijit E's (*Strophitus undulatus*)



21 - 11A

Alapekijit E's *(Strophitus undulatus)*

Tan telkilk: Apje'ji'jit – a'kateik; we'kaw 75 mm

Petulanji'j: Pepke'jit, pitaqsit, upmetuke'wey apsa'tasit, elnanek paqapunakek menaqa pepkejk, ta'n tewje'k pemapaqtekl nemitu'nl

Kujumukey ikalut elaqtek: Wetaptek, tuptuanamuk, Maqtawe'k

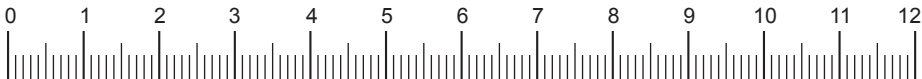
Ukwijl petulanji'j: Wape'k kiswa muskanamu'k - wape'k; amui wetaptamu'k memigae elmaqek

Ta'n tet nuke'kl: Ankuno'sik musikiskua'amuk aq ukwat nijinijamu'k

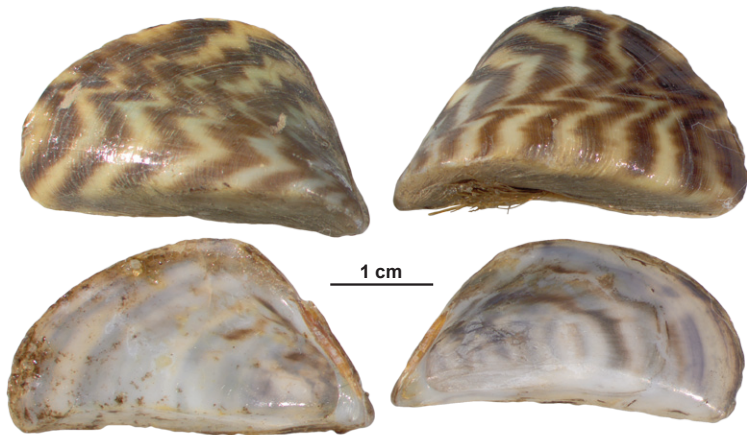
Kana'tawey Wesku'tasek Teltek: Weljajike'k; Siknitk aq Kespe'k Mu talte'lemamek; Mi' kma' ki O'pl ketemeto'jik; Epekwitk aq Piktuk Mu eim'uk (Wild Species 2015).

Mimikejewtekl wipitl <i>Strophitus undulatus</i>			
Patatuj Wet'lमित		Inaqanuk Wet'lमित	
Awe'katekl	Upmetuke'we'	Awe'katekl	Upmetuke'we'
Slight swelling	0	Slight swelling	0

22 - 11B



Elepaqmta'sit ankatlowk (*Dreissena polymorpha/rostriformis bugensis*)



23 - 12A

Elepaqmta'sit ankatlowk *(Dreissena polymorpha/rostriformis bugensis)*

Telkilk: Apje'ji'jit <35 mm

Petulanji'j: Nesik, almeputuatasit, sakske'k e'napo'

Kujumukey ikalut elaqtek: Amui, wape'k we'kaw amui wisku'namu'k kiswa maqtawe'k, kaqi'sk maw e'lu'amu'k, wi'ku'tekl, waquapaqtek

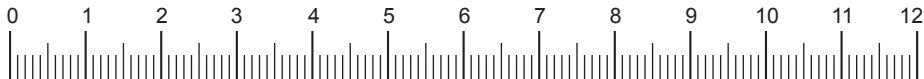
Ukwijl petulanji'j: Wape'k, e'luamuk ewi'kasek saputiamu'ksit ukwijl petulanji'jk apje'ji'jijik

Ta'n tet nuke'kl: Stke' a'papi'jey eli'sasit ektikik kiswa ta'n pasek koqey ketu nasa'sit

Kana'tawey weku'tasek Teltek: Man'timkewey; Mu nutumamek koqweg Wabanakik

Mimikejewtekl wipitl <i>Dreissena polymorpha/rostriformis bugensis</i>			
Patatuj Wet'lमित		Inaqanuk Wet'lमित	
Awe'katekl	Upmetu'ke'we'	Awe'katekl	Upmetu'ke'we'
0	0	0	0

24 - 12B



Klusuaqn'

Ankuno'sik: Nuke'k lame'k elaqtek lame'k e'sey petulanji'j aq ta'n etl mimajit wi'sis nemitmk ta'n tet paqapunakek etek petulanji'j

Awe'katekl wipitl: Pase'k nesik'l-mimikejewtekl wipitlkikjiw nikantuk-ukpaqemke'sey petulanji'j

Jiltek pemapaqtek: Pemapaqtek tan ukwiji petulanji'j as'ema ta'n etl nasa'lsit e'sek maw naspitl ankuno'sik paqapunakek we'kaw e'sey petulanji'j

Matn'timkewey: Matleiewiwk, Jjuqa o'pla' lataq tan wenik tleiewultijil wi'sisk'tepaw.

SARA: Kapnno'lewey wi'sisk tan teli ankweijik O'pla'luj Tela'tekemkewey

Taqamoqtekl wipitl: Aptesqatekl, siptaqa'tu, wenaqtekl ta'qwe'l ta'n tet mimikejewtek pemapaqtek ukjit e'sey petulanji'j

Ukwat: meski'k, kisi siptaqa'tew, e'wek ukjit ta'n tel nasa'lsit ekkl e'sl kiska ta'n teli aja'lsitew

Ukwiji petulanji'j: Lame'k amui wasoqa'sek elaqtek e'sey petulanji'j

Uksisqon: Wenaqtek tan kikjiw ukpaqm paqapunakektan'n petulanji'j wetlamit; stike' umskwesewey petulanji'

Wild Species 2015: Kapnno'l-uwiktuk etl mawilukutimk tan te'sek goqwey m'saqnwi'kasek tan telitpiej wi'sis ula kan'ata

