

Appendix J

Photographs of Typical Biota Tissue Samples

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Photograph J-1.
Representative sedge blade sample (*Carex scirpoidea*) from
station TT7-2000



Photograph J-2.
Cottongrass (*Eriophorum vaginatum*) in its habitat at station
TT5-0010

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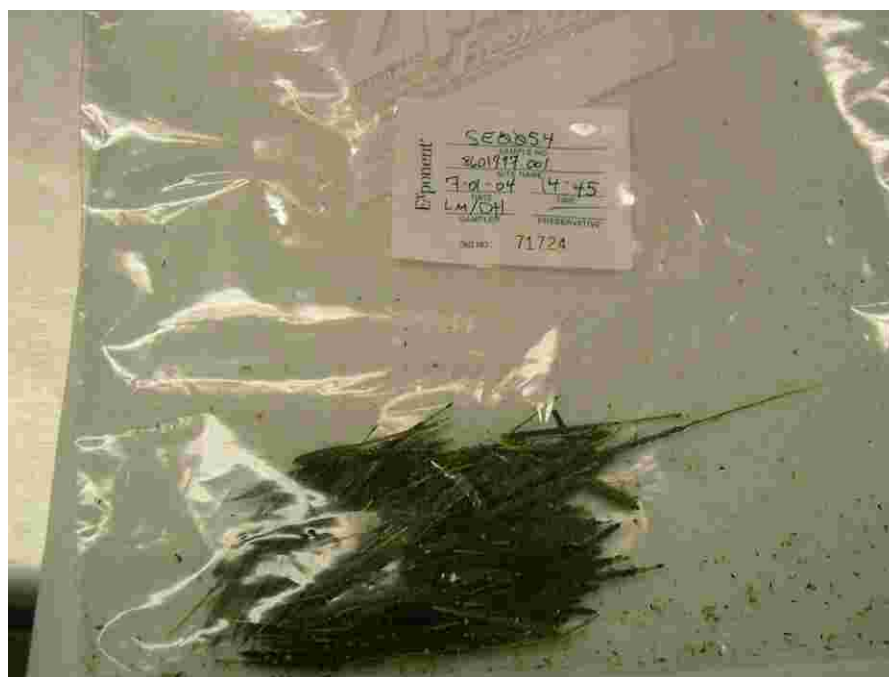


Photograph J-3.
Representative whole sedge sample (*Carex aquatilis*) from tundra pond station TP4 (prior to sample processing)

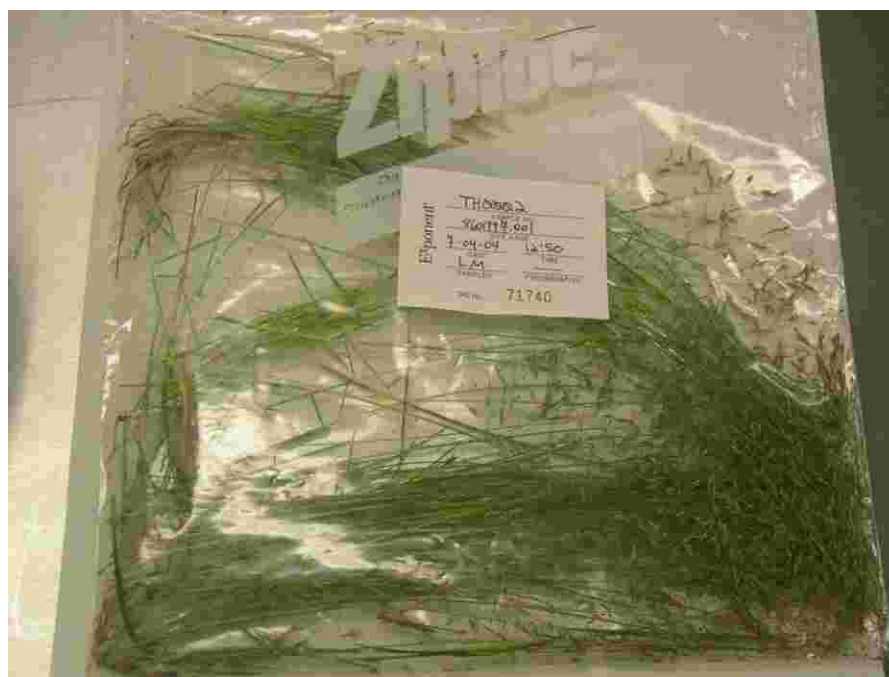


Photograph J-4.
Representative whole sedge sample (*Eriophorum angustifolium*) from reference lagoon station CL-REF-3b

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Photograph J-5.
Representative sedge seed sample (*Carex aquatilis*) from
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Photograph J-6.
Tufted hairgrass sample (*Deschampsia beringensis*) from
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Photograph J-7.
Representative willow leaf sample (*Salix planifolia pulchra*) from
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Photograph J-9.
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Photograph J-10.
Peltigera lichen collected at terrestrial transect TT8 (prior to sample processing)

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Photograph J-11.
Representative *Cladina* lichen sample from station TT7-2000



Photograph J-12.
Cladina lichen in its habitat at station TT3-1000

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Photograph J-13.
Representative terrestrial invertebrate composite sample from
station TT5-2000



Photograph J-14.
Example of stream invertebrates collected with kick nets (trial
sample from Tutak Creek shown)

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Photograph J-15.
Lagoon invertebrate composite sample (predominantly chironomids) from Port Lagoon North station PLNL



Photograph J-16.
Lagoon invertebrate composite sample from North Lagoon station NLF (predominant species tentatively identified as *Lepidurus* sp.)

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Photograph J-17.
Northern red-backed vole (*Clethrionomys rutilus*) example from
station TT5-1000



Photograph J-18.
Northern red-backed vole (*Clethrionomys rutilus*) example from
station TT5-1000 (top view)

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Photograph J-19.
Tundra vole (*Microtus oeconomus*) example from station
TT5-0020



Photograph J-20.
Brown lemming (*Lemmus sibiricus*) example from station
TT5-0020

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Photograph J-21.
Masked shrew (*Sorex cinereus*) example from station TT3-1000



Photograph J-22.
Tundra shrew (*Sorex tundrensis*) example from station TT3-0100

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Photograph J-23.
Salmonberry (*Rubus chamaemorus*) collection area north of
Kivalina



Photograph J-24.
Representative salmonberry plant in its habitat

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Photograph J-25.
Sourdock (*Rumex crispus*) collection
area south of
Kivalina



Photograph J-26.
Representative sourdock plant in its habitat

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Photograph J-27.
Representative willow ptarmigan sample (*Lagopus lagopus*)
from station PT2