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Cape Thompson, July 20, 1963

Tundra between Ogotoruk Creek  
and Cape Thompson, parallel to coast

63-431 *Calliergon turgescens*

in wet frost boil in tundra

63-432 *Bryum*

same data as preceding

63-433 *Pottia Heimii*

on silt in frost boil in tundra

63-434 *Meesea uliginosa*

in wet frost boil in tundra

63-435 <sup>P.</sup> *Tomenthypnum intans* + *Brachythecium*

same data as preceding

63-436 *Didymodon rubellus*

on silt in wet frost boil in tundra

63-437 *Campylopusium stellatum*

in wet frost boil in tundra



Cape Thompson, July 20, 1963

- \*  
63-438 ~~Transect~~ ??? ~~hyperclada~~? in quantity  
on hummock in tundra
- 63-439 *Minium orthorhynchum*  
same data as above
- 63-440 *Aulacomnium palustre*  
in wet frost boil, in tundra
- 63-441 ~~Bartramia strobilifera~~ *Campylopus Schimperii*  
on hummock in tundra
- 63-442 *Bryum*  
on silt in wet frost boil in tundra
- 63-443 *Cirriphyllum*  
in wet frost boil in tundra
- 63-444 *Minium ~~medium~~ ciliare*  
on hummock in tundra
- 63-445 *Dichodontium*?  
on silt, wet frost boil in tundra





Cape Thompson, July 20, 1963

- 63-446 *Drepanocladus revolvens*  
in wet frost boil in tundra
- 63-447 *Hylacomium*  
on hummock in tundra
- 63-448 *Blepharostoma trichophyllum*  
same data as preceding
- 63-449 *Aulacomium turgidum*  
same data as preceding
- 63-450 *Riccardia pinguis*  
on silt in wet frost boil in tundra
- 63-451 *Calliergon giganteum*  
in wet frost boil in tundra
- 63-452 *Trimmia*  
on hummock in tundra
- 63-453 *Plagiobryum demissum*  
on silt in wet frost boil in tundra



Cape Thompson, July 20, 1963

- 63-454 *Bryum* ~~(sect)~~ *cryophilum* Mart.  
in wet frost boil in tundra
- 63-455 *Oncophorus wahlenbergii*  
on silt in wet frost boil, in tundra
- 63-456 *Bryum*  
same data as preceding
- 63-457 *Leskea nervosa*  
on limestone rock on mountainside
- 63-458 *Distichium inclinatum*  
on soil in wet frost boil, in tundra
- 63-459 *Entodon*  
in rather dry Dryas tundra, mountainside
- 63-460 *Cinclidium arcticum*  
in wet place in tundra
- 63-461 *Calliergon giganteum*  
same data as preceding



Cape Thompson, July 20, 1963

63-462 *Ottobradium rufescens*  
on silt, wet frost boil in tundra

63-463 *Scapania degneri*  
same data as preceding

63-464 *Drepanocladus*  
in wet place in tundra

63-465 *Encalypta rhaptoarpa*  
on silt, wet place in tundra

63-466 *Brachythecium pellucida*  
same data as preceding

63-467 *Grimmia* (*Schistidium*)  
same data as preceding

63-468 hepatic *Anellia* + *Tetradodon*  
same data as preceding

63-469 *Rhytidium rugosum*  
on rather dry hummock in tundra



Cape Thompson, July 20, 1963

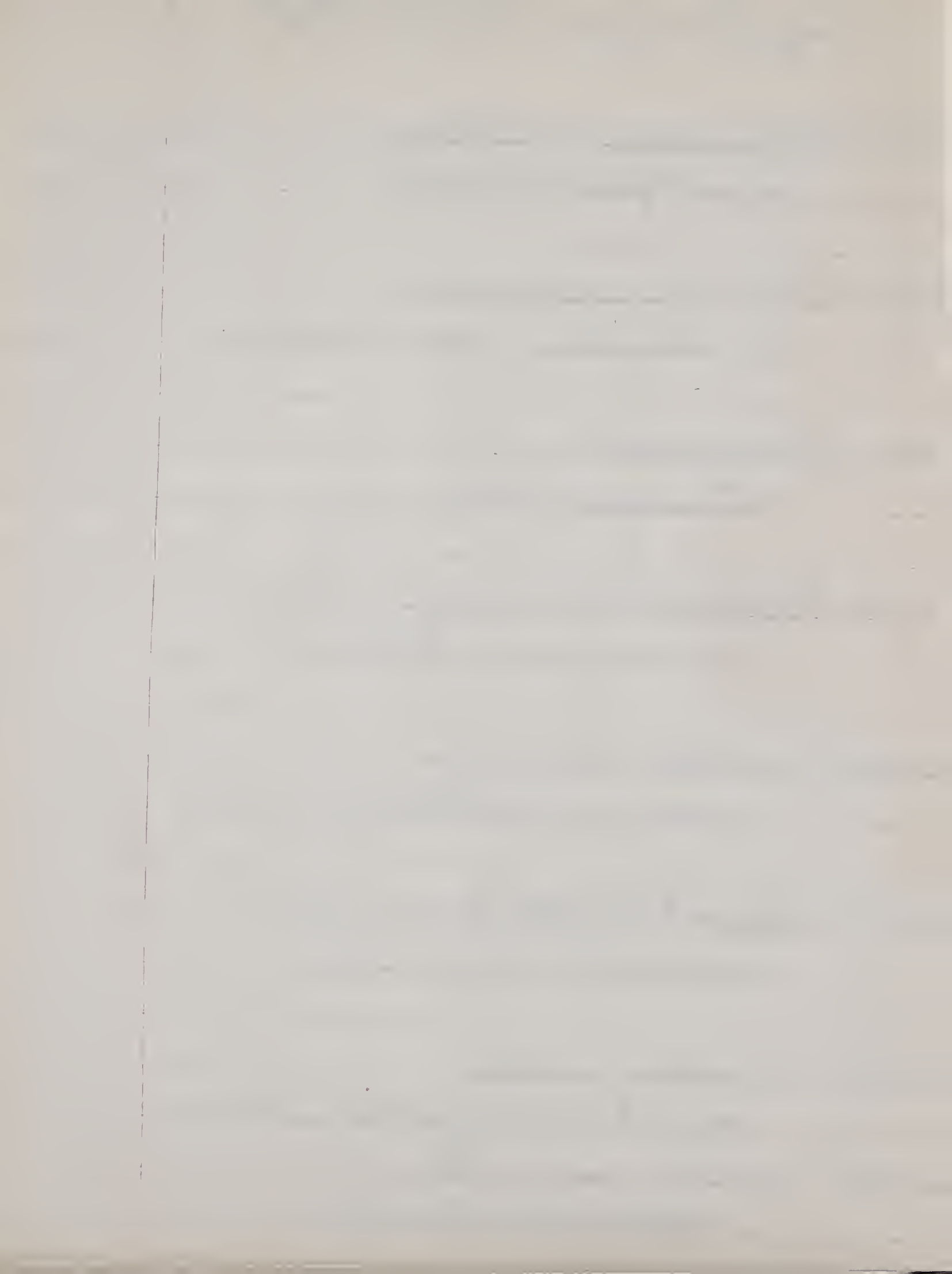
- 63-470 *Tetraphodon unioides* var  
on soil, wet place in tundra
- 63-471 *Dicranum*  
on hummock in tundra
- 63-472 *Plagiobhila arctica*  
same data as preceding
- 63-473 *Tortella arctica*  
~~*Tetraphodon uniooides*~~  
on silt, wet frost boil in tundra
- 63-474 *Philonotis tomantella*  
same data as preceding
- 63-475 *Desmatodon laureri*  
same data as preceding
- 63-476 *Encalypta ciliata*  
same data as preceding
- 63-477 *Cinclidium latifolium*  
in wet place in tundra





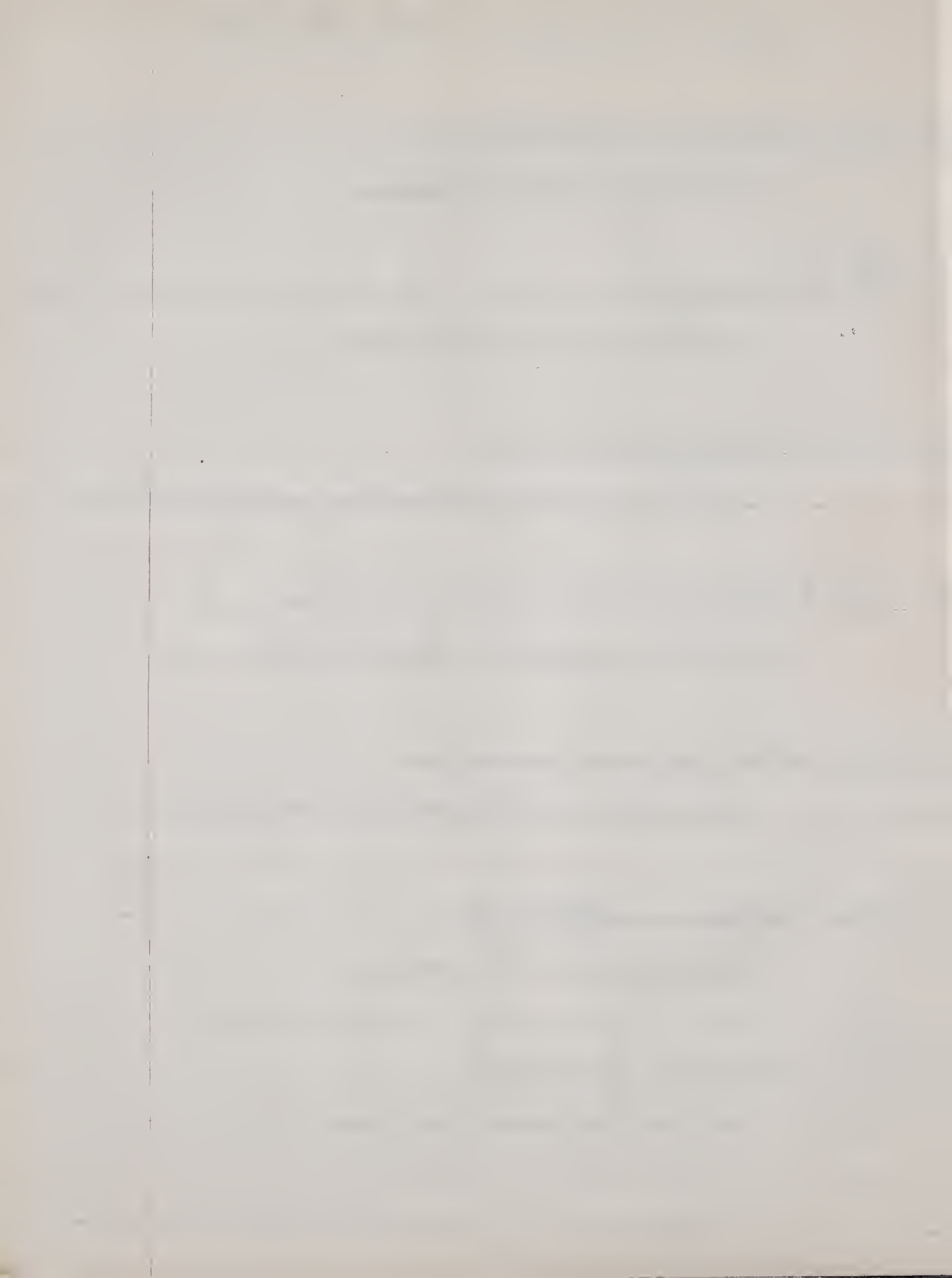
Cape Thompson, July 20, 1963

- 63-479 *Drepanocladus revolvens*  
in wet place in tundra
- 63-480 *Pohlia* (*propaguliferans*)  
on soil, hummock in tundra
- 63-481 *Brachythecium*  
on <sup>wet</sup> soil in tundra
- 63-482 ~~*Hypnum*~~ *Drepanocladus revolvens*  
on hummock in tundra
- 63-483 *Trichodon cylindricus*  
on soil, wet frost boil in tundra
- 63-484 ~~*Bryum*~~ *Encalypta prosera* Buch  
same data as preceding
- 63-485 *Myurocladia julacea*  
on soil in wet frost boil in tundra
- 63-486 *Calcegon sarmentosum*  
on wet soil in tundra



Cape Thompson, July 20, 1963

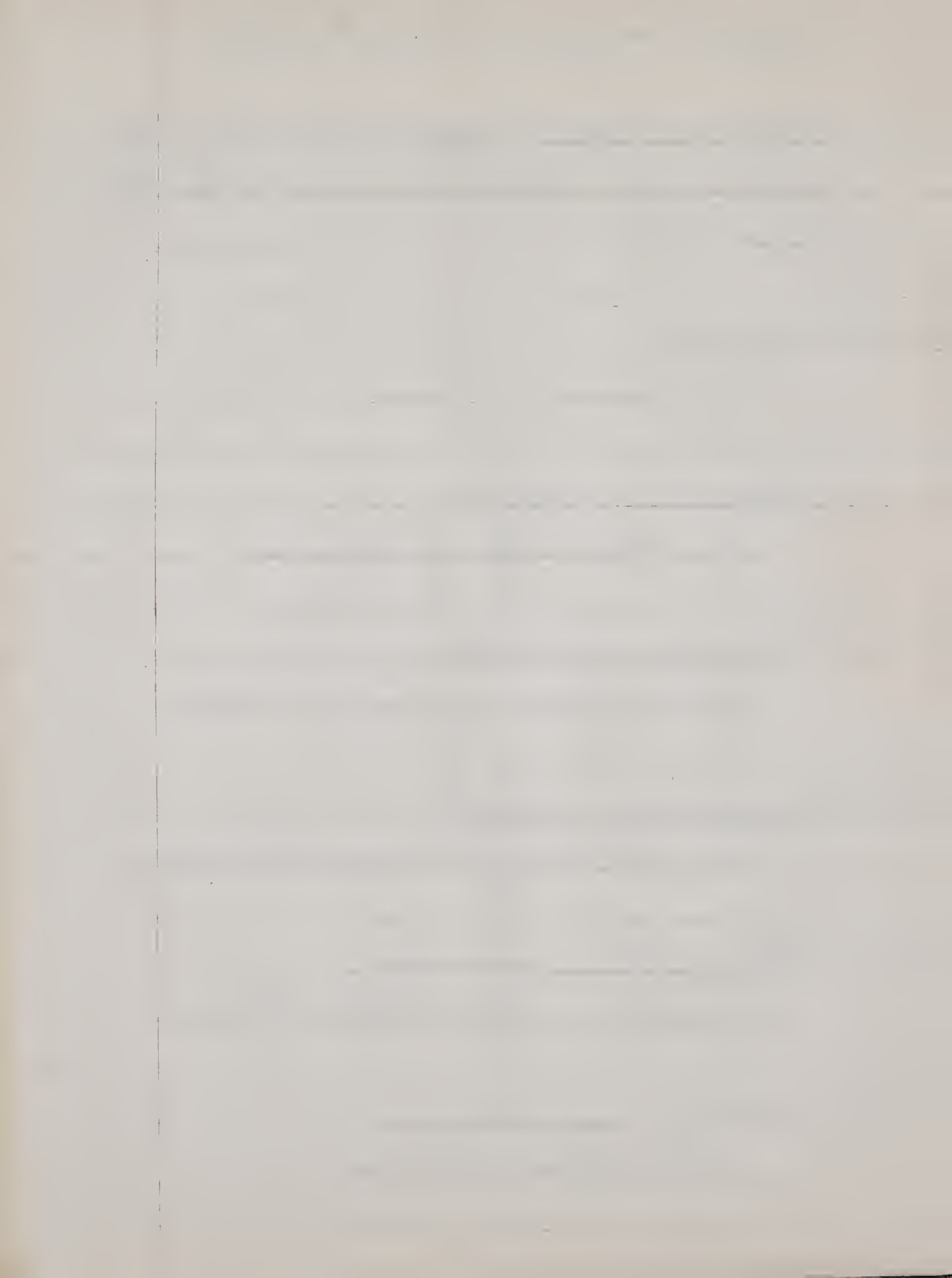
- 63-487 *Distichum capillaceum*  
on hummock in tundra
- 63-488 *Dicranum*  
on hummock in tundra
- 63-489 *Abietinella abietina*  
on hummock, rather dry mountainside
- 63-490 *Arilacomnium acuminatum*  
on hummock in wet tundra
- 63-491 *Cetoscopium nigritum*  
on soil in wet frost boil in tundra
- 63-492 *Cratoneuron filicinum*  
in wet place in tundra
- 63-493 *Distichum flexicaule*  
in wet place in tundra



Cape Thompson, July 21, 1963.

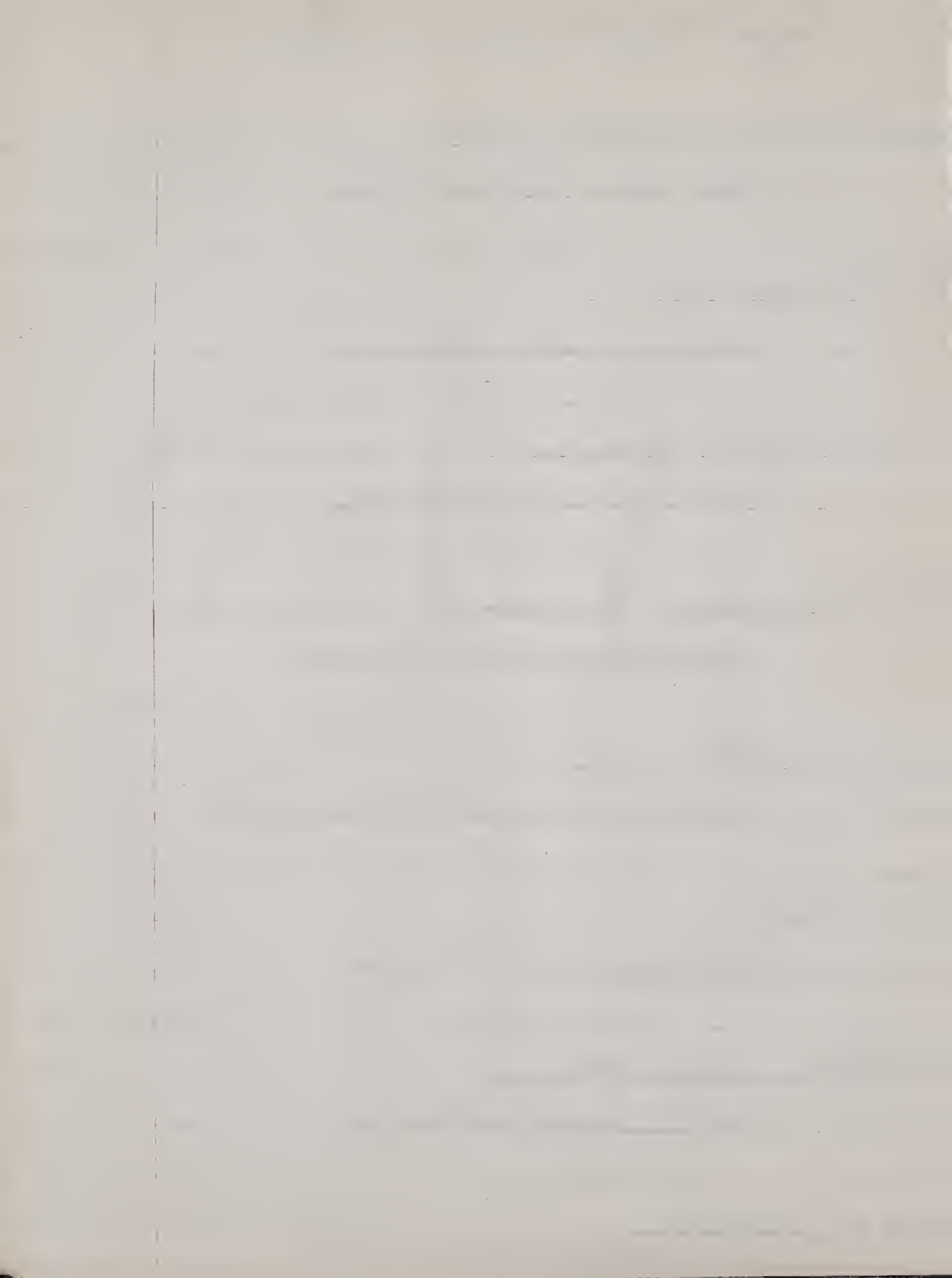
In tundra between Ogotouk Creek and deep ravine northwest of camp, parallel to seashore

- 63-494 *Hypnum*  
on hummock in tundra
- 63-495 *Polytrichum piliferum*  
on shale outcrop in tundra
- 63-496 *Climacium dendroides*  
on steep bank of brook in tundra
- 63-497 *Diplophyllum taxifolium*  
on soil, side of hummock in tundra
- 63-498 *Rhecomitrium conense*  
on soil in wet frost boil, in tundra
- 63-499 *Calliergon sarmentosum*  
in wet place in tundra



Cape Thompson, July 21, 1963

- 63-500 *Mnium orthorhynchum*  
On hummock in tundra
- 63-501 *Lophozia*  
On hummock in tundra
- 63-502 *Radula prolifera*  
On hummock in tundra
- 63-503 *Calliergon turgescens*  
in wet frost boil in tundra
- 63-504 hepatic *Cephalozella arctica*  
on silt in wet frost boil, in tundra
- 63-505 *Bryum*  
on hummock in tundra
- 63-506 *Encalypta alpina*  
on hummock in tundra
- 63-507 *Schistidium*  
in wet frost boil, in tundra





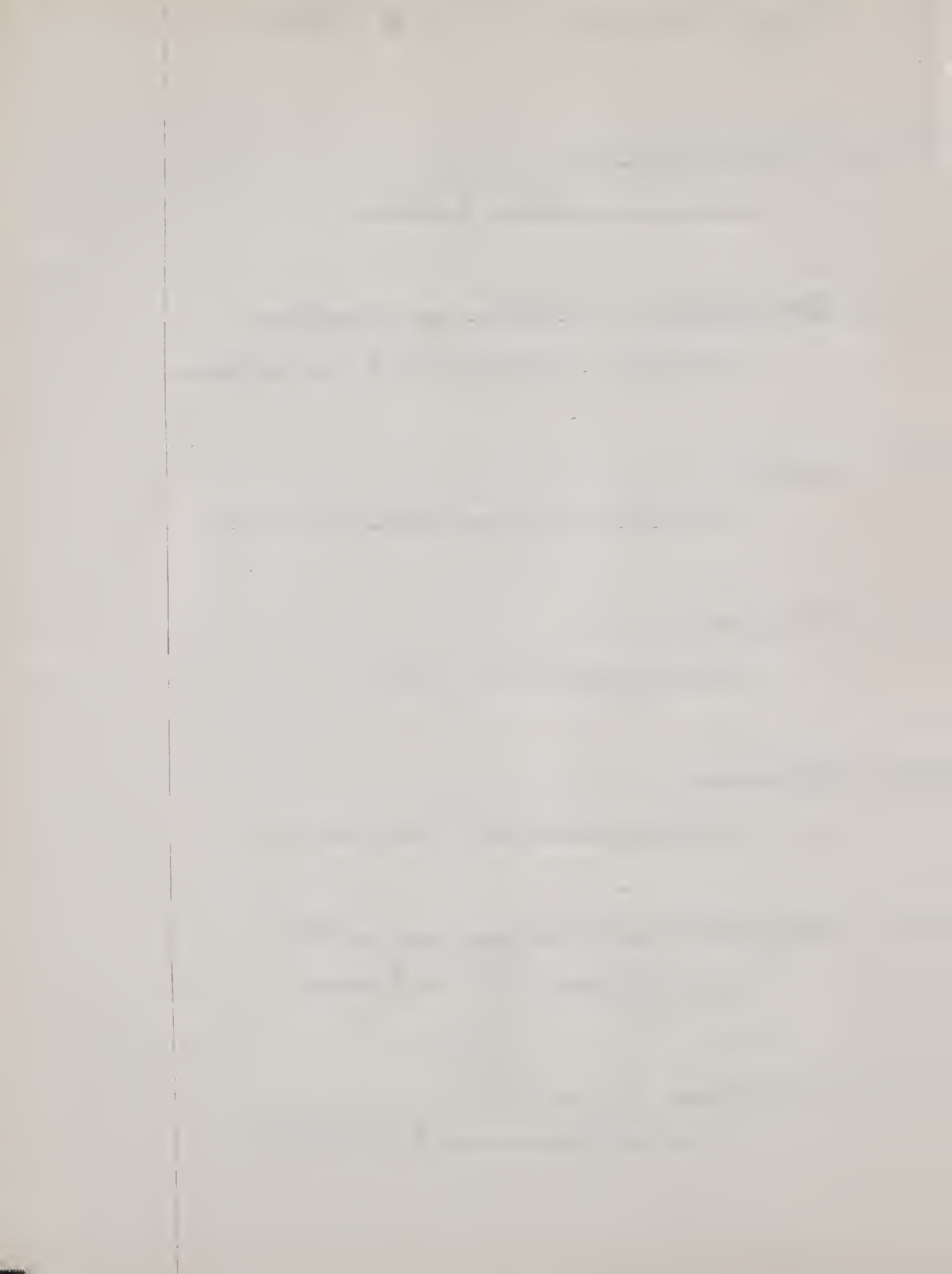
Cape Thompson, July 21, 1963

- 63-508 *Pogonatum*  
on hummock in tundra
- 63-509 *Drepanocladus revolvens*  
in wet place in tundra
- 63-510 *Rhacomitrium lanuginosum*  
on hummock in tundra
- 63-511 *Fissidens adiantoides*  
on soil, wet frost boil in tundra
- 63-512 hepatic *Turczaninowia rubra*  
on soil, wet frost boil in tundra
- 63-513 *Bryum*  
on soil, wet frost boil in tundra
- 63-514 *Campylopus stellatus*  
in wet place in tundra
- 63-515 ~~*Tayloria henschkei*~~  
~~*Cochlidium alpestre*~~ <sup>stet</sup>  
on silt, wet frost boil in tundra



Cape Thompson, July 21, 1963

- 63-516 *Tortella fragilis*  
on hummock in tundra
- 63-517 ~~*Desmatodon*~~ *Tortula mucronifolia*  
on silt in wet frost boil, in tundra
- 63-518 *Hypnum*  
on silt in wet frost boil, in tundra
- 63-519 *Aulacomnium*  
in wet frost boil in tundra
- 63-520 *Hypnum*  
on hummock in tundra
- 63-521 *Drepanocladus lycopodioides*  
in wet frost boil in tundra
- 63-522 *Lophozia quadriloba*  
on side of hummock in tundra



Cape Thompson, July 21, 1963

63-523 *Orthotrichum*

in wet frost boil, in tundra

63-524 hepatic *Diplophyllum*  
~~*taxifolium*~~

on side of hummock in tundra

63-525 *Drepanocladus revolvens*

in wet frost boil, in tundra

63-526 hepatic *Mannia pilosa*

on side of frost hummock, in tundra

63-527 *Lophozia* *Tintomaria*  
*quinguedentata*

on side of hummock in tundra

63-528 *Gymnostomum recurvirostrum*

on soil in wet frost boil, in tundra

63-529 *Drepanocladus revolvens*

in wet place in tundra



Cape Thompson, July 21, 1963

63-530 *Dicranella*

on silt, hummock in tundra

63-531

<sup>Pohlii</sup>  
*Dicranum juniperinum*

on silt, frost hummock in tundra

63-532

*Humium*

on side of hummock in tundra

63-533

*Psilopilum canifolium*

on silt, frost hummock in tundra

63-534

*Pogonatum*

on silt, frost hummock in tundra

63-535

*Marchantia polyneura*

on silt, frost hummock in tundra

63-536

*Plagiochila arctica*

on hummock in tundra





Cape Thompson, July 21, 1963

63-537 *Scapania debentii*  
in wet place in tundra

63-538 *Pogonatum capillare*  
on silt, frost hummock in tundra



Cape Thompson, July 21, 1963

In shale areas and wet tundra, in ridges  
SE of camp

63-539 *Hypnum*  
on hummock in tundra

63-540 *Hypnum wonskoldii*  
in wet place in tundra

63-541 *Hepatic* *brassicifolia*  
on wet, wet frost boil in tundra

63-542 *Conostomum*  
on shaly hummocks, mountainside

63-543 *Cynophorum*  
on hummock in tundra

63-544 *Scapania delizii*  
in wet place in tundra



Cape Thompson, July 21, 1963

- 63-545 *Polytrichum*  
in wet place in tundra
- 63-546 *Cnidium*  
in wet place in tundra
- 63-547 *Calligonum sarmentosum*  
in wet place in tundra
- 63-548 *Dicranella*  
on silt, wet frost boil in tundra
- 63-549 *Drepanocladus exannulatus*  
in wet frost boil in tundra
- 63-550 *Pogonatum capillare*  
on hummock in tundra
- 63-551 *Hepatic Nordia* <sup>geo. app.</sup>  
on silt, wet frost boil in tundra
- 63-552 *Scapania* <sup>alg.</sup>  
on silt, wet frost boil in tundra



Cape Thompson, July 21, 1963

- 63-553 *hepatic Scapirhynchus* var. *otus*  
on silt, wet frost boil in tundra
- 63-554 *Anthelia julacea*  
on silt, wet frost boil in tundra
- 63-555 *Andraeaceae*? *rufestris*  
in wet frost boil in tundra
- 63-556 *Trimmia*  
on hummock in tundra
- 63-557 *Calligonum*? *sarmentosum*  
on rock in stream, at water level
- 63-558 *Fossombronina arctica*  
on silt in frost boil, near new air strip
- 63-559 *Schistidium* <sup>*apocarpum*</sup> ~~*picranthum*~~  
on silt in wet frost boil in tundra





Cape Thompson, July 21, 1963

- 63-560 *Calliergon sarmentosum*  
on hummock in tundra
- 63-561 *Aulacomnium palustre*  
on hummock in tundra
- 63-562 *Polytrichum juniperinum*  
on shale, mountainside
- 63-563 *Mnium*  
wet place in tundra
- 63-564 *Bartramia pomiformis*  
on exposed shaly area in tundra
- 63-565 *Bryum* (red) *cytophilum* Mart.  
in wet frost boil in tundra
- 63-566 *Pogonatum*  
in shaly area, mountainside tundra



Cape Thompson, July 22, 1963

On limestone mountain ridge NW of camp.

63-567 *Holmgrenia*

in wet place, mountainside tundra

63-568 *Splachnum vasculosum*

in springy place, mountainside tundra

63-569 *Bryum*

in springy place, mountainside tundra

63-570 *Catorcopium nigritum*

in springy place, mountainside tundra

63-571 *Desmatodon laurei*

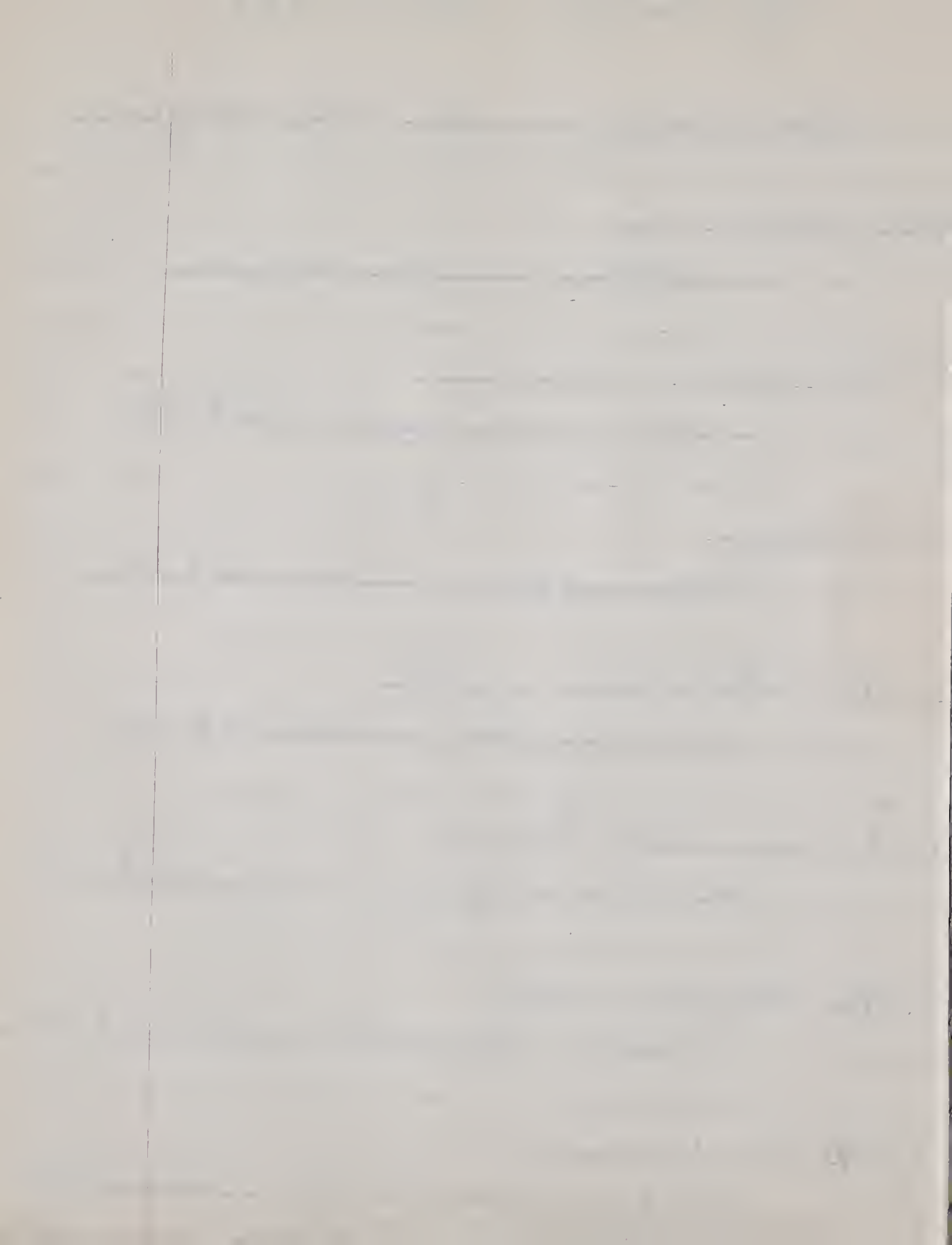
on silt in wet place, mountainside tundra

63-572 *Didymodon rufus*

on silt in wet frost boil, mountainside tundra

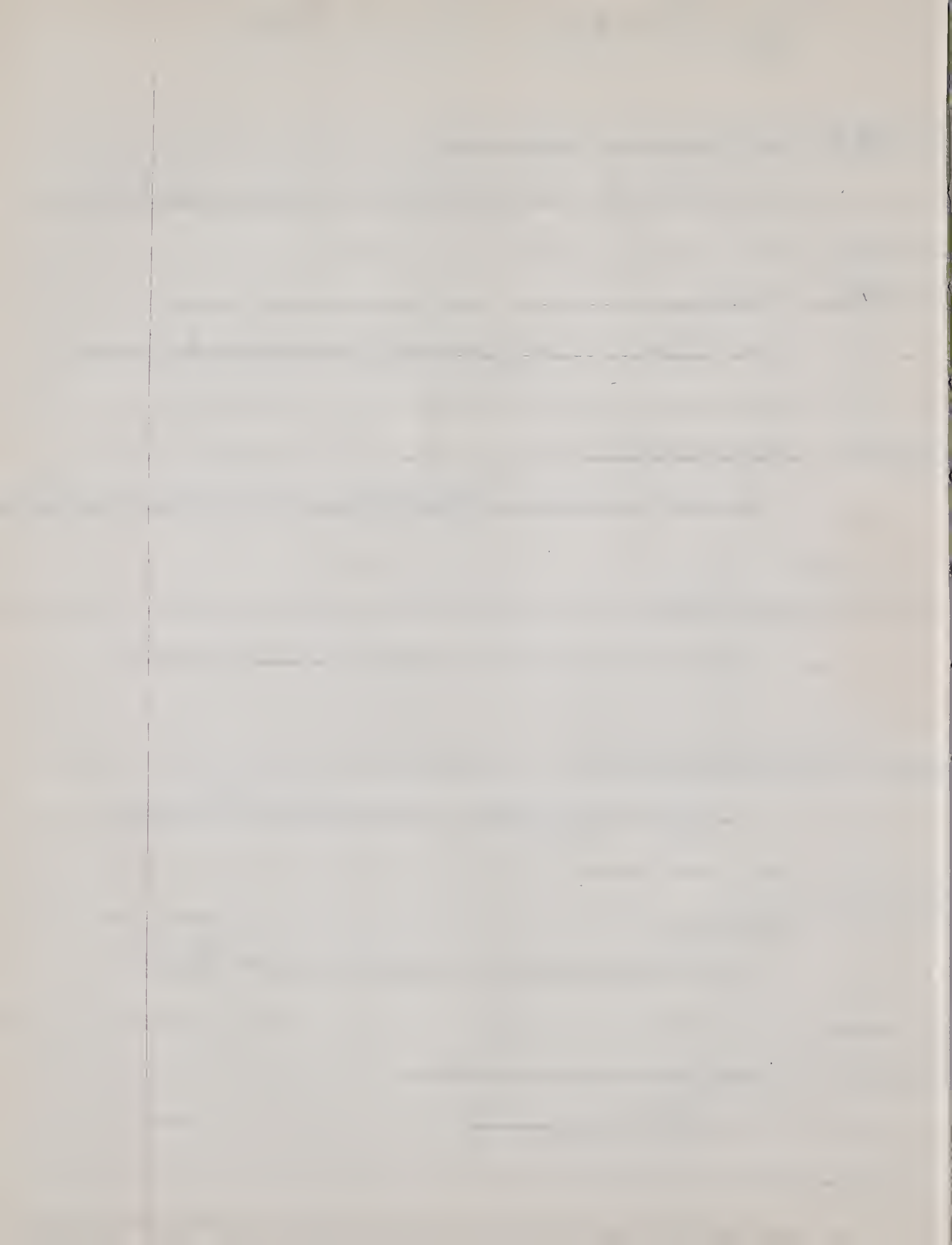
63-573 *E. subyuchim*

on hummocks in tundra, mountainside



Cape Thompson, July 22, 1963

- 63-574 *Oncophorus alpestris*  
on silt in wet frost boil, mountainside tundra
- 63-575 *Arnellia*  
on silt in wet frost boil, mountainside tundra
- 63-576 *Dichodontium?*  
on silt in very wet frost boil, mountainside tundra
- 63-577 *Lecoclelea heterocoma* sp.  
on hummock, mountainside tundra
- 63-578 ~~*Brachythecium?*~~ *Cirriophylax curvum*  
in springy place, mountainside tundra
- 63-579 *Bryum*  
on hummock, mountainside tundra
- 63-580 *Tetraphodon muricoides*  
with preceding



Cape Thompson, July 22, 1963

- 63-581 *Meesia triquetra*  
in springy place, mountainside tundra
- 63-582 *Minium*  
in springy place along stream
- 63-583 *Schistidium*  
in wet frost boil, mountainside tundra
- 63-584 *Plagiobryum pulchellus*  
on silt, frost boil hummock, mountainside  
tundra
- 63-585 *Hypnum*  
in wet place, mountainside tundra
- 63-586 *Mesoptychia Sahlbergii*  
in wet place under hummock, mountainside  
tundra
- 63-587 *Minium hygrophyllum*  
on wet frost boil, mountainside tundra





Cape Thompson, July 22, 1963

- 63-588 *Mnium*  
in wet places in tundra, mountainside
- 63-589 *Drepanocladus brevifolius*  
in wet frost boil, mountainside tundra
- 63-590 *Hypnum*  
on hummock in tundra
- 63-591 *Schistidium platyphyllum*  
on rocks in stream, mountainside
- 63-592 *Hypnum?*  
with preceding
- 63-593 *Mnium cinclidioides*  
in wet place in mountainside tundra
- 63-594 *Ptilidium pulcherrimum*  
on hummock in tundra
- 63-595 *Bryobrythonia pellucida*  
on moist hummock in tundra



Cape Thompson, July 22, 1963

- 63-596 *Cinclidium latifolium*  
in wet place in tundra
- 63-597 *Splachnum vasculosum*  
in springy place, mountainside tundra
- 63-598 *Thuidium*  
on wet hummock, mountainside tundra
- 63-599 *Cinclidium arcticum* c. fr.  
in springy place, mountainside tundra  
a. *Catoscopium nigrum*
- 63-600 *Drepanoclada*  
on soil,  
" in Dryas community, relatively dry, steep  
mountainside
- 63-601 *Tortula muralis*  
in dry place, steep mountainside
- 63-602 ~~Hyssopus~~ *Drepanocladus uncinatus*  
on soil, Dryas community, steep mountainside
- 63-603 *Entodon*  
with preceding.

End of July 22



Cape Thompson, July 23, 1963

Tundra in big valley north of Ogotomk Creek

63-604 *Dicranum*

in wet tundra

63-605 *Trimmia*

vertical  
on bank of stream

63-606 *Drepanocladus aduncus*

in water along shore of small lake

63-607 *Polystichum*

On steep bank of small lake

63-608 *Pohlia nutans*

on vertical silt bank along stream

63-609 *Bartramia isophylla*

with preceding

63-610 *Psilopilum carolinum*

On bare silt, high bank along stream



Cape Thompson, July 23, 1963

- 63-611 *Besleria fruticosa*  
on silt, bank of small stream
- 63-612 *Dicranella*  
with preceding
- 63-613 *Fossombronia* (?) *alaskana*  
on silt, frost boil in tundra
-





Cape Thompson, July 24, 1963

In tundra between camp & ridge on NW.

63-614 *Cochlearia*

on silt, tundra back of beach

63-615 *Fumaria hygrometrica*

on silt, disturbed area near camp

63-616 *Pohlia prolifera*

on silt, disturbed area near camp

63-617 *Herberta Sakuraii* subsp. *arctica*

in wet frost boil in tundra

63-618 *Myurella julacea*

in wet frost boil in tundra

63-619 *Scapania cuspiduligera*

in wet frost boil in tundra

63-620 *Alcina brevirostris*

on silt in frost boil in tundra



Cape Thompson, July 24, 1963

- 63-621 *Hypozia Nordia geocrypha*  
On silt, otherwise bare frost boil in tundra
- 63-622 *Didymodon*?  
same habitat as preceding
- 63-623 *Scapania degenii*  
in wet frost boil in tundra
- 63-624 *Brachyneurium*  
on hummock in tundra
- 63-625 *Lophozia quadriloba*  
among mosses in wet frost boil in tundra
- 63-626 *Plagiochila arctica*  
on soil, wet frost boil in tundra
- 63-627 *Lophozia*  
among mosses, wet frost boil in tundra



Cape Thompson, July 24, 1963

63-628 *Barbilophozia floerkei*  
among mosses, wet frost boil in tundra

63-629 *Cyellana*  
on hummock in tundra

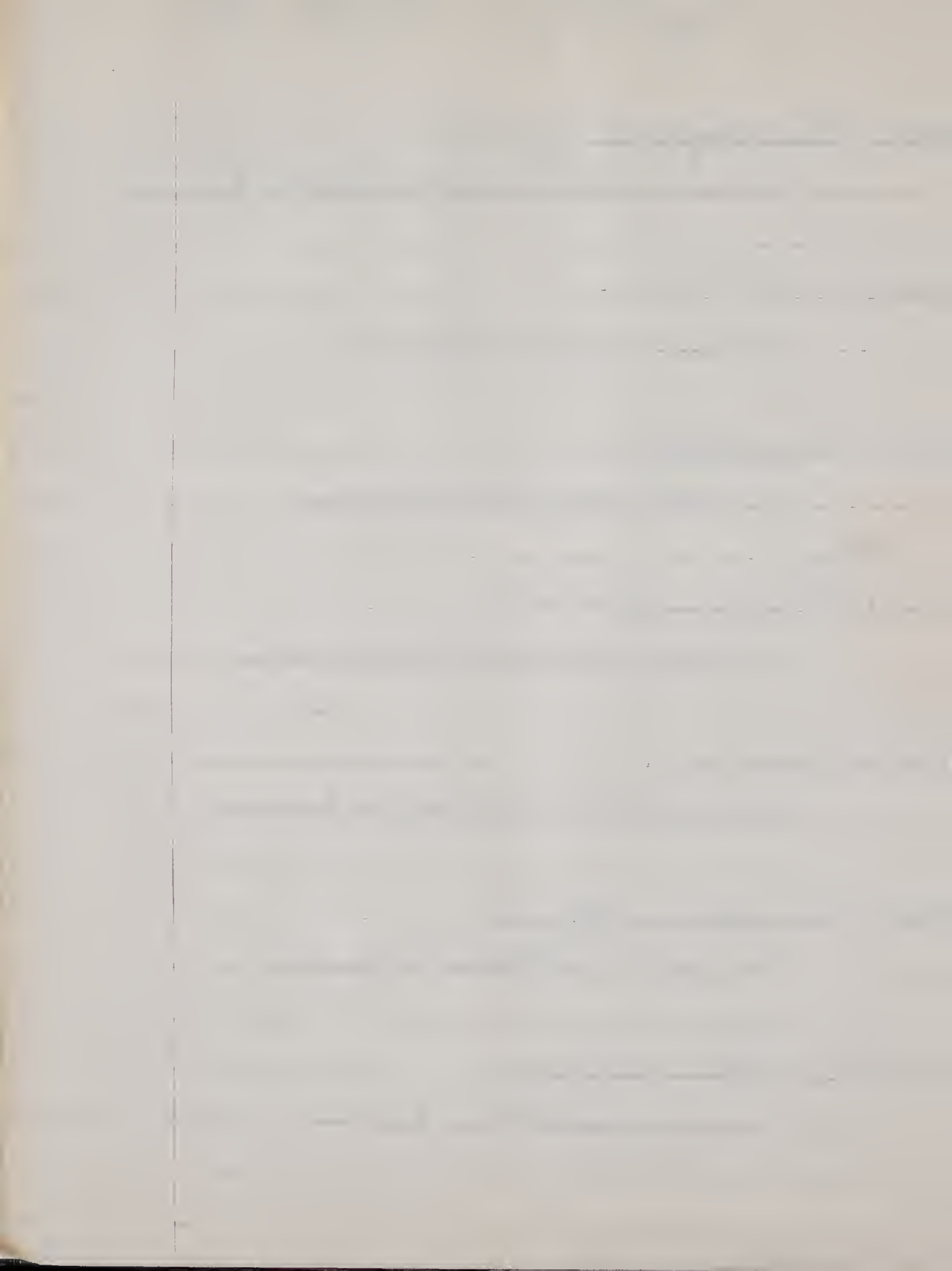
63-630 *Cirriophyllum*  
in wet frost boil in tundra

63-631 *Ditrichum flexicaule*  
on soil, wet frost boil in tundra

63-632 *Tminia*  
on soil, wet frost boil in tundra

63-633 *Cinclidium stygium*  
on soil, wet place in tundra

63-634 *Cinclidium latifolium*  
in wet frost boil in tundra



Cape Thompson, July 24, 1963

- 63-635 *Dichodontium*  
among mosses, wet frost boil in tundra
- 63-636 ~~*Pottia harrisi*~~ *Desmatodon laurei*  
on silt in otherwise bare frost boil in tundra
- 63-637 *Brachythecium*  
in wet frost boil in tundra
- 63-638 *Bryum*  
on silt in wet frost boil in tundra
- 63-639 *Saetania glaucescens*  
on hummock in tundra
- 63-640 *Distichum inclinatum* (?)  
on silt, wet frost boil in tundra
- 63-641 *Dicranella* ?  
on silt, wet frost boil in tundra





Cape Thompson, July 24, 1963

63-642 *Seligeria*  
on pebble in wet frost boil in tundra

63-643 *Oncophorus*  
in wet frost boil in tundra

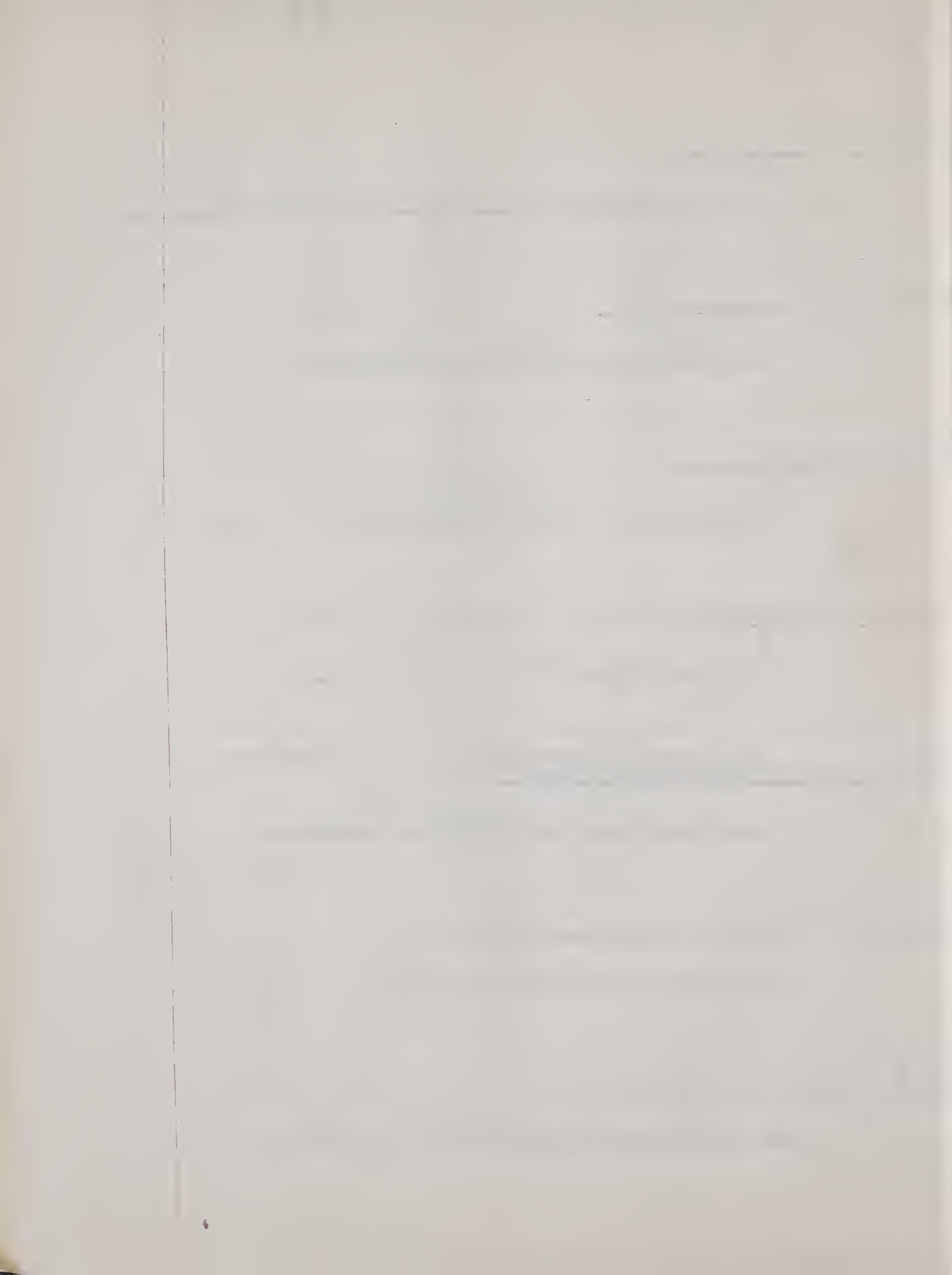
63-644 *Hypnum*  
on hummock in tundra

63-645 ~~*Hypnum*~~ *Prep. lycoperidioides*  
in wet frost boil in tundra

63-646 ~~*Tortula mucronifolia*~~ *Bryocerythophyllum recurvirostrum*  
on silt in frost boil in tundra

63-647 *Fissidens adnematoides*  
in wet frost boil in tundra

63-648 *Hymenostylium*?  
in soil, wet frost boil in tundra



Cape Thompson, July 24, 1963

63-649 *Bryum*

on soil in wet frost trail in tundra

63-650 *Trichostomum cuspidatissimum?* cf.

on hummock

in wet frost trail in tundra

63-651 *Oncophorus alpestris*

on soil in wet frost trail in tundra



Aklavik, N.W.T., Canada, July 27, 1963

On silt + base of trees, from air strip to a mile  
or two downstream, among willow, alder + spruce.

63-652 *Mnium*

on silt, seasonally inundated, under alders

63-653 *Brachypodium*

same data as 63-652

63-654 *Bryum*

same data as 652

63-655 *Campylopus*

same data as 652

63-656 *Pohlia*

same data as 652

63-657 *Dicranella*

same data as 652



Aklavik, N.W.T., Canada, July 27, 1963

63-658 *Pylaisia* (?)  
seasonally  
On base of willows, inundated area near river

63-659 *Drepanocladus* (?)  
in wet depression, same area as 658

63-660 *Dicranella*  
on silt, seasonally inundated, under alders

63-661 *Funaria*  
same data as 660

63-662 *Eurhynchium*  
same data as 660

63-663 *Brachyotum*  
same data as 660

63-664 *Pohlia*  
same data as 660





Aklavik, N.W.T., Canada, July 27, 1963

63-665 *Timmia* (c.f.)

on silt, base of alders & willows, seasonally  
inundated, near river.

63-666 *Bryum*

same data as preceding

63-667 hepatic

on silt, seasonally inundated near river

63-668 *Blechnum* *fraxilla*

same data as preceding

63-669 *Leptobryum*

same data as 63-667

63-670 *Barbula* (?)

same data as 63-667

63-671 *Distichium capillaceum*

on silt, base of willow seasonally inundated,  
near river.



Aklavik, N.W.T., Canada, July 27, 1963

63-672 *Lophocolea minor*  
on silt, under alders, seasonally inundated

63-673 *Hyponum*  
~~*Prepense clatus uncinatus*~~  
same data as 63-672

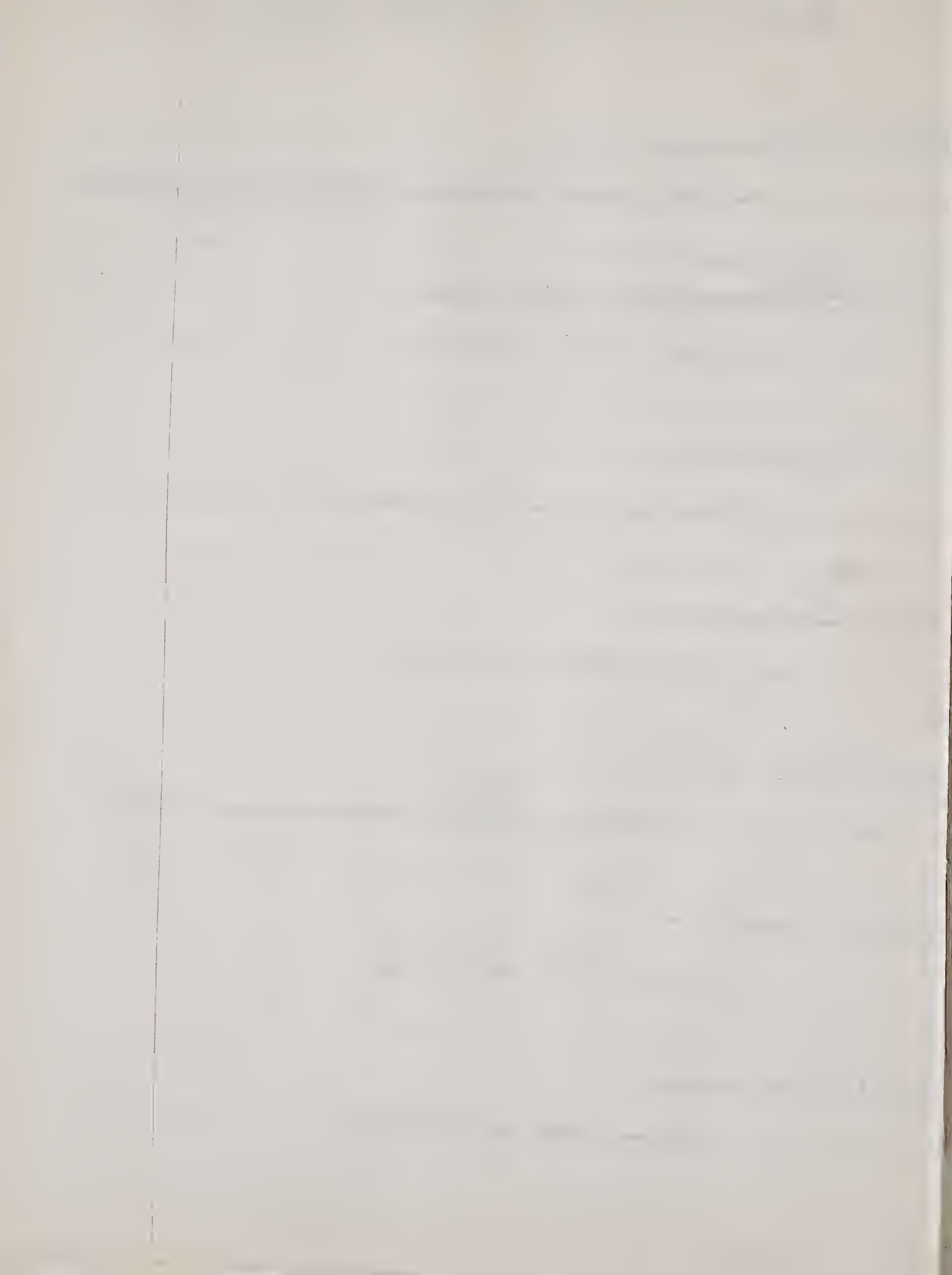
63-674 *Hyloronium*  
on seasonally inundated silt, near river

63-675 *Dicranum*  
same data as 63-674

63-676. *Orthotrichum*  
on base of <sup>willow</sup> alder, seasonally inundated

63-677 *Tminia*  
same data as 63-676

63-678 *Myrincia(?)*  
same data as 63-676



Aklevik, N.W.T., Canada, July 27, 1963

63-679

*Didymodon rubellus* <sup>seasonally inundated</sup>  
on silt over base of willow, near river

63-680

*Minium orthorhynchium*  
on seasonally inundated silt bank under  
willows, near river

63-681

on base of tree, seasonally inundated, near river

63-682

*Campylopus*  
in wet depression, seasonally inundated, near river

63-683

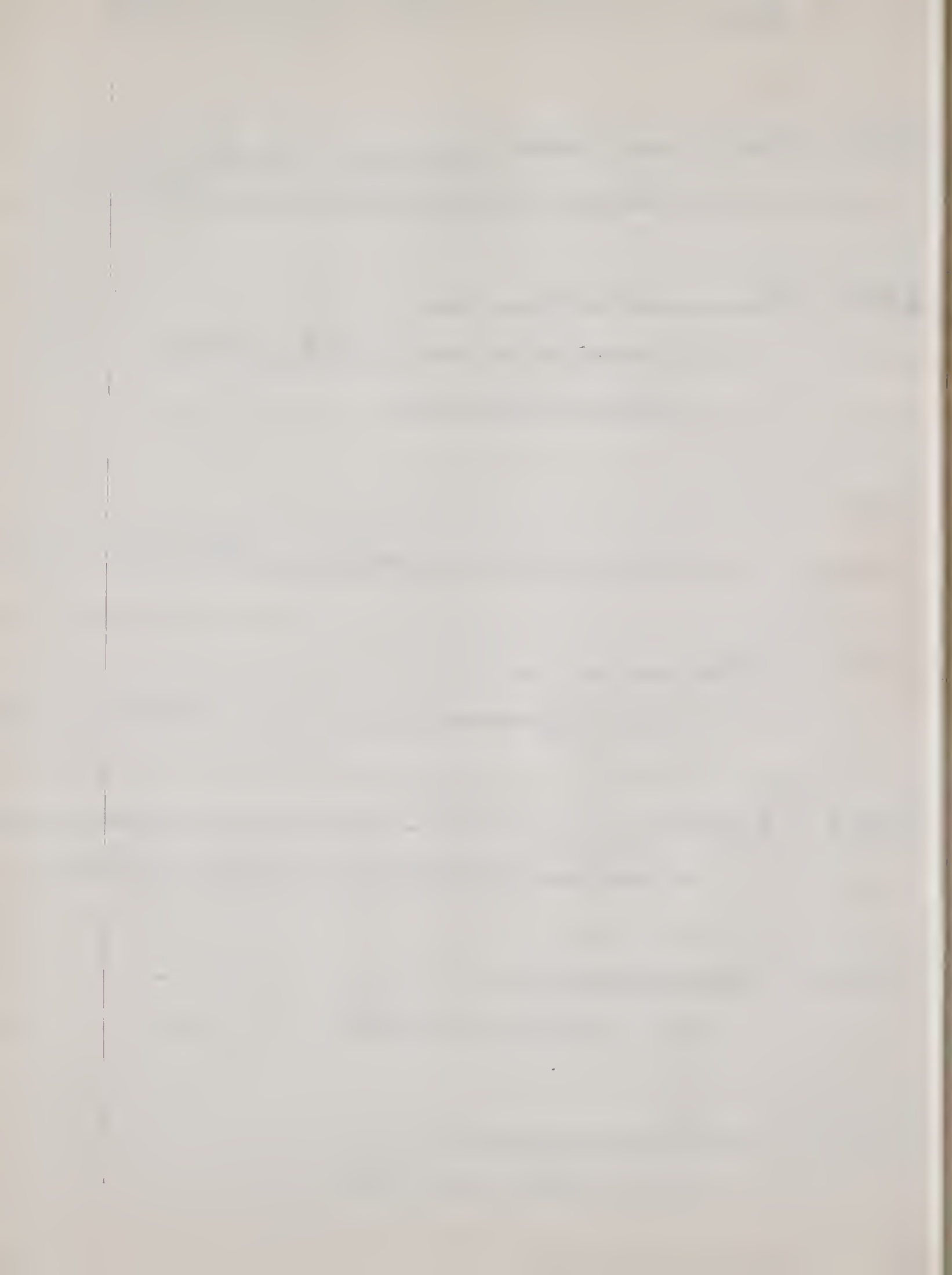
*Pohlia*  
on silt, under willows seasonally inundated

63-684

*Brachythecium*  
same data as 63-683

63-685

*Ceratodon purpureus*  
same data as 63-683



Aklavik, N.W.T., Canada, July 27, 1963

63-686 *Deschampsia uncinata*  
On base of seasonally inundated willows

63-687 *Tortula mucronifolia*  
~~unifolia~~  
same data as 63-686

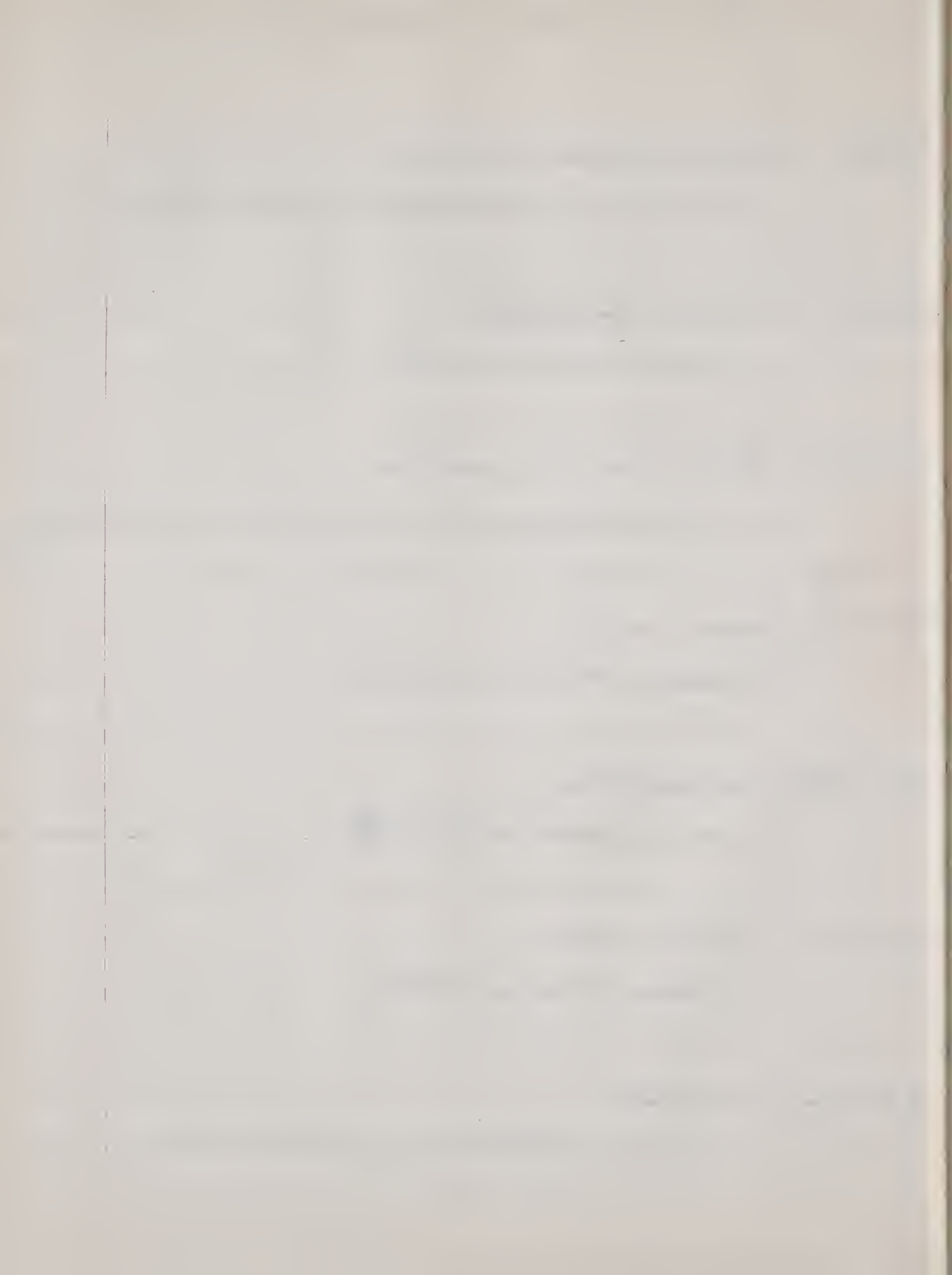
63-688 *Aulacomnium palustre*  
in wet depression, seasonally inundated by river

63-689 *Marchantia*  
same data as 63-688

63-690 *Brachythecium*  
same data as 63-688

63-691 *Cratoneuron* ?  
same data as 63-688

63-692 *Encalypta*  
on silt, seasonally inundated tree base





Aklavik, NWT., Canada, July 27, 1963

63-693

Calliergon

in wet depression, seasonally inundated by river

63-694

Tomenthypnum

same data as 63-693

63-695

Amblystegium

on tree base seasonally inundated by river

~~63-696~~



Inuvik, N.W.T., Canada, July 28, 1963

In spruce forest just south of gravel pits at southern edge of Inuvik, road to airport

63-696 *Polytrichum*

in boggy spruce forest

63-697 *Muzia anomala*

among *Sphagnum* in boggy spruce forest

63-698. *Aulacomnium palustre*

in wet place, spruce forest

63-699 *Lophocolea*

same data as 63-698; often on lichen

63-700 *Plagiothidium*

same data as 63-698

63-701 *Aulacomnium turgidum*

same data as 63-698



Inuvik, N.W.T., Canada, July 28, 1963

63-702 *Polytrichum juniperinum*  
on disturbed soil in spruce forest

63-703 *Pogonatum*  
same data as 63-702

63-704 *Leptobryum*  
same data as 63-702

63-705 *Calypogeia*  
over mosses, esp. *Sphagnum*, in wet places,  
spruce forest

63-706 *Fusaria hygrometrica*  
on disturbed soil in spruce forest

63-707 *Pohlia*  
same data as 63-706

63-708 *Lophozia*  
among *Sphagnum*, wet place in spruce forest



Inuvik, N.W.T., Canada, July 28, 1963

63-709 *Hylacomium*  
in wet place, spruce forest

63-710 *Dicranum*  
same data as 709

63-711 *Campylopusium*  
same data as 709

63-712 *Sphenolobus* (?)  
same data as 709

63-714 *Dicranum*  
same data as 709

63-715 *Dicranum*  
same data as 709

63-716 *Dicranella*  
in soil, disturbed place in spruce forest





Inuvik, N.W.T., Canada, July 28, 1963

63-717 *Tetraphodon muirii*  
in ~~wet~~ wet depression, spruce forest

63-718 *Lophozia*  
same data as 63-717

63-719 *Hyssopus*  
in wet place, spruce forest

63-720 *Polytrichum*  
same data as 63-719

63-721 *Lophocolea*  
same data as 63-719

63-722 *Polytrichum*  
same data as 63-719

63-723 *Brachytrichum*  
same data as 63-719

63-724 *Campylopusium*  
same data as 63-719



Inuvik, N.W.T., Canada, July 28, 1963

63-725 Pohlia

in wet place, spruce forest

63-726 Dicranum

same data as 63-725

63-727 Tomenthypnum?

same data as 63-725

63-728 Hypnum

same data as 63-725

63-729 Polystichum

same data as 63-725

63-730 Calliergon

same data as 63-725

63-731 Marchantia

same data as 63-725



Inuvik, N.W.T., Canada, July 29, 1963

In forest between Inuvik and airport (to south).

63-732 *Dicranum*

in moist place in boggy forest

63-733 *Hypnum*

same data as 63-732

63-734 *hepatic*

same data as 63-732

63-735 *Mnium*

under alders along stream

63-736

same data as 63-735

63-737 *Mnium*

same data as 63-735



Inuvik, NWT., Canada, July 29, 1963

63-738 Myurella

among mosses along stream, under alders

63-739 Calliergon

on Sphagnum, wet spruce forest

63-740 Calliergon

in wet depression in spruce forest

63-741 Lophozia

same data as 63-740

63-742 Hypnum

same data as 63-741

63-743 Marchantia

in disturbed area in muskeg

63-744 hepatic

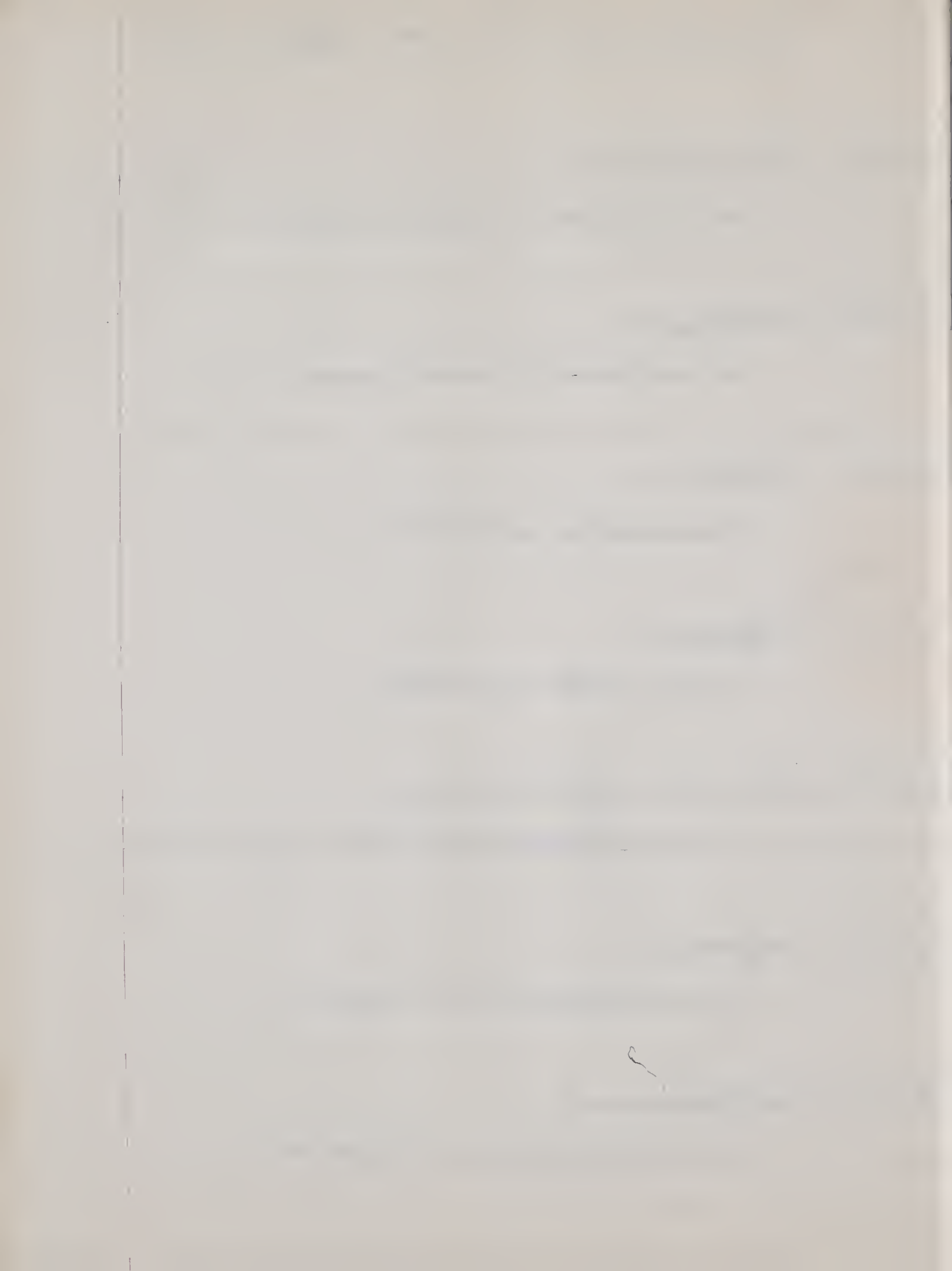
in moist place in birch forest





Inuvik, N.W.T., Canada, July 29, 1963

- 63-745 *Brachythecium*  
in wet place in birch forest
- 63-746 *Calliergon*  
in wet place in birch forest
- 63-747 *Pohlia*  
same data as 63-746
- 63-748 *Lophozia*  
same data as 63-746
- 63-749 *Mnium orthorhynchum*  
in moist place along stream, under asders
- 63-750 *Lophozia*  
in wet depression in forest
- 63-751 *Leptobryum?*  
in wet depression in forest



Inuvik, NWT, Canada, July 30, 1963

North of Inuvik, on ridges & along river

63-752 *Trichodon*  
on silt in disturbed area

63-753 *Alcina*  
on silt in disturbed area

63-754 *Dicranella*  
on silt in disturbed area

63-755 *Blasia*  
on silt in disturbed area

63-756 *Funaria*  
on soil in disturbed area

63-757 *Scapania*  
in wet place in spruce forest

63-758 *Aulacomnium palustre*  
same data as preceding



Inuvik, N.W.T., Canada, July 30, 1963

- 63-759 *Distichium capillaceum*  
On base of willow, near river
- 63-760 *Dracopis*  
on silt under willows, near river
- 63-761 *Pylaisia*  
on base of willow, near river
- 63-762 *Campylopusium*  
same data as 761
- 63-763 *Myriniopsis?*  
On silt, bases of willows, <sup>seasonally</sup> inundated by river
- 63-764 *Distichium*  
same data as preceding
- 63-765 *Myurella*  
same data as preceding -



Sachs Harbour, Banks Island, N.W.T.,  
Canada, July 31, 1963

In vicinity of small lake north of airstrip

- 63-766 *Hypnum?*  
On silt, lakeshore
- 63-767 *Haplodon*  
in very wet moss mat, lake shore
- 63-768 *Meesia triquetra*  
same habitat as 63-767
- 63-769 *Cinophyllum*  
same habitat as 63-767
- 63-770 *Mnium <sup>major</sup> affine* ♀ +  
same habitat as 63-767
- 63-771 *Cinclidium*  
same habitat as 63-767
- 63-772 *Cinclidium latifolium* (in quantity)  
same habitat as 63-767





Sachs Harbour, Banks Island, NWT  
July 31, 1963

63-773 *Bryum*  
among mosses, wet swale, lake shore

63-774 *Drepanocladus*  
in wet swale, lake shore

63-775 *Splachnum vasculosum*  
in wet swale, lake shore

63-776 *Distichium ~~indivertum~~ (!) Haggvii*  
on silt, lake shore

63-777 ~~*Campylidium*~~ *Cratoneura arctica*  
on silt, lake shore

63-778 *Bryum*  
in very wet swale, lake shore

(2) *Drepanocladus* <sup>newberryi + fontana (1)</sup>  
~~*Drepanocladus*~~ *Philonotis Fontana* var. *pumila*  
in very wet swale, lake shore



Sachs Harbour, NWT., Canada -  
Banks Island. July 31, 1963

63-780

*Catocarpus*

on silt, very wet swale, lake shore

63-781

*Didymodon rufus* (W) = *aspenifolius*

on exposed silt, tundra hillside above lake

63-782

*Pottia Heimii* - *Desmatodon heimii*

on exposed silt near lake  
782a = *Desmatodon cernuus* <sup>2</sup>eyes

63-783

*Bryum*

in very wet swale, lake shore

63-784

*Splachnum vasculosum* D = *Aplodon wormskoldii*

in very wet swale, lake shore

63-785

*Orthothecium chryseum*

in very wet swale, lake shore

63-786

*Brachythecium*

in very wet swale, lake shore

63-787

*Campylopusium*

on silt in very wet place, lake shore



Sachs Harbour, Banks Island, N.W.T.,  
Canada - July 31, 1963

- 63-788 *Riccardia pinguis*  
among mosses, wet swale, lake shore
- 63-789 *Distichium capillareum*  
on moist silt, lake shore
- 63-790 *Leptobryum pyriforme*  
on wet silt, lake shore
- 63-791 *Orthothecium strictum*  
on wet silt, lake shore
- 63-792 *Brachythecium*  
in very wet swale, lake shore
- 63-793 *Calliergon turgescens* *Scorpidium turgescens*  
in very wet swale, lake shore
- 63-794 *Orthothecium*  
among mosses, very wet swale, lake shore



Sachs Harbour, Banks Island, NWT  
Canada July 31, 1963

- 63-795 *Ditrichum flexicaule*  
on silt, very wet swale, lake shore  
a - *Tomenthypnum* b. *Hypnum proserpin*
- 63-796 *Encalypta alpina*  
on silt, tundra near lake
- 63-797 *Calliergon turgescens* - *Scorpidium*  
in very wet swale, lake shore
- 63-798 *Orthotrichum speciosum*  
on silt, crevice between polygons, hill top tundra
- 63-799 *Philonotis*  
on wet silt, lake shore
- 63-800 *Cnididium ~~arcticum~~ latifolium*  
in very wet swale, lake shore
- 63-801 *Cnididium latifolium*  
in very wet swale, lake shore
- 63-802 ~~*Bryobattoria*~~? *Cratoneura* a - *Fissidens arcticus*  
on wet silt, lakeshore





Sachs Harbour, Banks Island, N.W.T.,  
Canada July 31, 1963

- 63-803 *Compositum*  
in very wet sedge, lake shore
- 63-804 *Hypnum*  
on silt, crevices in hill top tundra
- 63-805 *Mnium rugicum*  
on wet silt, lakeshore
- 63-806 *Bryum*  
on wet silt, lake shore
- 63-807 *Didymodea asperifrons*  
(*Tortella muricis*)  
on silt, hill top tundra
- 63-808 hepatic *Preissia quadrata*  
on moist silt, lake shore
- 63-809 *Tortella fragilis*  
on moist silt in crevice, hill top tundra
- 63-810 *Embryochium?* *diversifolium* *n pulchellum* (Hedw.)  
with *Preissia* Jenn.



Sachs Harbour, Banks Island, N.W.T.,  
Canada. July 31, 1963.

63-811 *Barbula* ~~tr~~ *icmadophila* Schimp. ex C. Muell.  
on moist silt in crevice, hill top tundra

63-812 *Arnellia* *fennica* (Gottsche) Lindberg  
on moist silt, lake shore

63-813 *Blepharostoma* *trichophyllum*  
<sup>very</sup>  
on moist soil, lake shore

63-814 *Encalypta*  
on moist silt, lake shore

63-815 *Plagiochila* *arctica*  
on moist silt, lake shore

63-816 *Tortella* *fragilis*  
on exposed silt, hill top tundra

63-817 *Hypnum* *revolutum*  
on exposed silt, hill top tundra

63-818 *Encalypta*  
on silt in crevice, hillside tundra



Sachs Harbor, Banks Island, NWT.,  
Canada

- 63-819 *Amelica*  
on very wet silt, lake shore
- 63-820 *Trimmia austriaca*  
on very wet silt, lake shore
- 63-821 *Didymodon subellus* - *Bryocryptophyllum recurvirostrum*  
on very wet silt lake shore
- 63-822 *Brachythecium*  
on very wet silt, lake shore
- 63-823 *Trimmia ~~norvegica?~~ austriaca*  
on very wet silt, lake shore
- 63-824 *Pohlia cruda*  
on very wet silt, lake shore
- 63-825 *Tomenthyssum interius*  
in very wet swale, lake shore
- 63-826 *Mnium orthorhynchum*  
on silt, crevices in hillside tundra



Sachs Harbour, Banks Island, N.W.T.,  
Canada. July 31, 1963

63-827 *Bryum*

on very wet silt, lake shore

63-828 ~~*Cinctidium*~~ *Cratoneuron filicin*

on very wet silt, lake shore

63-829 hepatic

on very wet silt, lake shore

63-830 *Calliergon*

aquatic, in lake, attached to shore

63-831 *Dropanocladus uncinatus*

on wet silt, lake shore

63-832 *Myurella julacea*

on wet silt, lake shore

63-833 *Desmatodon leucotomus*

on wet silt, lake shore

63-834 *Ceratodon purpureus*

on silt, hillside tundra





Bernard River, Banks Island, N.W.T., Canada  
73° 25' N, 122° W. August 1, 2, 3, 1963

- ~~63-835~~ In wet swales and low-center polygons, on moist sand, in ponds and lakes, and on silt<sup>dry</sup>, hillside and hill top tundra
- 63-835 *Orthotrichum* (in quantity)  
mound  
On moist sand, lemming burrow area
- 63-836 *Funarium acuminatum* in quantity  
on tussocks in wet tundra, lake shore
- 63-837 *Ditrichum flexicaule*  
in tussocks in wet tundra
- 63-838 *Hypnum bambergeri*  
on moist sand mound, lemming burrow area
- 63-839 *Ditrichum ~~indivatum~~ (?) hagerii* + *capillaceum* (?)  
on moist sand, low center polygon in tundra
- 63-839 a *Encalypta rhytocarpa*
- 63-840 *Tortula ruralis*  
on moist sand mound, lemming burrow area



Bernard River, Banks I., N.W.T. Canada

August 1, 2 & 3, 1963.

- 63-841 *Tetraphodon univoides*  
on owl pellets in tundra
- 63-842 *Oncophorus wahlenbergii* Brid.  
forming hummocks in low-center polygons in <sup>tundra</sup>
- 63-843 *Didymodon rufus*  
forming hummocks on silt, hillside tundra
- 63-844 *Catoscopium ingitum*  
forming hummocks in wet tundra
- 63-845 *Splachnum* sp  
on caribou dung in wet tundra
- 63-846 ~~*Amblystegia*~~ <sup>*Holmguenia stricta*</sup> *Cratoneuron arcticum*  
<sup>or</sup> *Amblystegia sp.*  
Among mosses in wet tundra
- 63-847 *Calliergon turgescens* (*Scorpidium turgescens*)  
in wet tundra between ponds
- 63-848 *Encalypta*  
on sandy mound. dominating brown area <sup>in quantity</sup>



Bernard River, Banks Island, NWT, Canada

August 1, 2, 3, 1963

- 63-849 *Tomenthypnum nitens*  
on wet sand, hummock in tundra
- 63-850 *Encalypta*  
on wet sand, hummock in tundra
- 63-851 *Bryum* ~~in~~ in quantity  
in lemming burrows & runways, <sup>low frost</sup> Tundra ridges
- 63-852 *Trichotomum cuspidatissimum* <sup>in tundra</sup>  
forming mounds in wet low-center polygons,  
b. *Fissidens adiantoides*
- 63-853 *Arnellia fenica*  
on moist compacted sand, hummock in tundra
- 63-854 *Bryum*  
in wet places in low-center polygons in tundra
- 63-855 *Aulacomnium turgidum*  
on hummock in wet tundra, lake shore



Bernard River, Banks I., N.W.T., Canada  
August 1, 2, 3, 1963

- 63-856 *Leptobryum pyriforme*  
in lemming burrow, frost ridge in tundra
- 63-857 *Haplodon* in quantity  
on caribou dung in wet tundra
- 63-858 *Bryum brightii* in quantity  
on bare sand and silt in tundra
- 63-859 *Didymodon rubellus*  
lemming trail,  
on damp sand, frost ridge in tundra
- 63-860 *Cuculidium latifolium* Lindb.  
in very wet tundra at edge of lake
- 63-861 *Splachnum vasculosum*  
in very wet place in tundra
- 63-862 *Meesia uliginosa* in quantity  
in wet places, low center polygon in tundra
- 63-863 *Trimmia austriaca* 63-863a - *Orthotrichum speciosum*  
on moist sand near lemming burrow





Bernard River, Banks I., N.W.T., Canada  
August 1, 2, 3, 1963

- 63-864 *Bryobutonia pellucida*  
on moist soil, lemming runway, frost ridge
- 63-865 *Trinia norvegica* Zett.  
on moist soil near lemming burrow, frost ridge
- 63-866 *Mnium hymenophyllum*  
on wet soil, crevice in frost ridge in Tundra
- 63-867 *Calliergon*  
in very wet tundra at edge of lake
- 63-868 *Cinclidium arcticis* *Cinclidium arcticum* (B.S.G.) Schimp  
in very wet tundra at edge of lake
- 63-869 ~~*Eurhynchium catosarphi*~~ *Eurhynchium palchellum* (Hedw.) Jenn.  
among other mosses on sandy hummock
- 63-870 *Pohlia gracilis*  
on moist sand in lemming burrow
- 63-871 *Compositum*  
on moist soil, frost ridge



Bernard River, Banks I., N.W.T., Canada  
August 1, 2, 3, 1963

- 63-872 *Dichodontium pellucidum*  
Among other mosses in lemming burrow
- 63-873 *Riccardia pinguis* *Riccardia pinguis*  
Among mosses in very wet tundra near lake
- 63-874 *Scorpidium scorpidioides*  
In small, shallow pond in tundra
- 63-875 *Calliergon turgescens* *Scorpidium turgescens*  
(T. Jens) Loeske  
at edge of small shallow pond in tundra
- 63-876 *Brachythecium*  
in very wet tundra near lake
- 63-877 *Bryum*  
on wet sand in lemming runway
- 63-878 *Encalypta*  
on moist sand in lemming burrow
- 63-879 *Distichium capillare* *Amblystegium*  
0793- *serpens*  
in moist place on low frost ridge



Bernard River, Banks I., NWT, Canada  
August 1, 2, 3, 1963

63-880 *Brizum arcticum*  
on moist sand, near lemming burrow

63-881 *Orthothecium strictum?*  
in wet tundra next a low frost ridge

63-882 *Drepanocladus*  
in very wet tundra, edge of lake

63-883 *Brizum*

63-884 *Brizum*

on wet sand, lemming runway  
a. *Splechnum heterophyllum* det. Bressan ✓

63-885 *Myurella julacea*  
among other mosses in lemming burrow

63-886 *Tortella arctica* (Arnell) Crundw & Nyh  
on moist sand, lemming runway

63-887 *Schistidium* In quantity  
In wet low-center polygon in tundra



Bernard River, Banks I., N.W.T., Canada

August 1, 2, 3, 1963

- 63-888 *Bryum*  
on moist sand in lemming runway, <sup>frost ridge</sup>
- 63-889 *Hypnum*  
in wet tundra
- 63-890 *Pogonatum alpinum* + *Fissidens osmundoides*  
on very moist hummock in wet tundra
- 63-891 *Meesia triquetra*  
in very wet tundra, edge of lake
- 63-892 *Desmatodon heimii*  
on moist sand about lemming burrow
- 63-893 *Vortia hyperborea*  
with *Tetraplodon*, in wet tundra
- 63-894 *Orthothecium chryseum*  
in wet tundra, next low frost ridge
- 63-895 *Dedynodon* sp. *asperifolius*  
on moist soil about lemming burrows





Bernard River, Banks I., NWT., Canada  
August 1, 2, 3, 1963

- 63-896 *Tayloria acuminata*  
in lemming burrow, low frost ridge in tundra
- 63-897 *Brachythecium*  
in wet tundra, at edge of low frost ridge
- 63-898 *Hypnum*  
in crevice  
on silt, hillside tundra
- 63-899 *Dicranella crispa*  
on moist soil, lemming runway, frost ridge
- 63-900 *Cirriphyllum cirrosum*  
in wet tundra, edge of low frost ridge
- 63-901 *Philonotis tomentella*  
on wet hummock in tundra
- 63-902 *Bryum*  
on wet soil in lemming runway
- 63-903 *Desmoulladiella moistwoodii*  
Dominant moss of low center polygons



Bernard River, Banks I., N.W.T., Canada  
August 1, 2, 3, 1963

- 63-904 *Abietinella abietina*  
on sand, lemming burrow mound
- 63-905 *Bryum*  
on moist sand, lemming runway
- 63-906 ~~*Barbula*~~ <sup>+ *Barbula tenuiloph*</sup> *Didymodon aspenifolius*  
on moist sand, lemming burrow mounds
- 63-907 *Grimmia*  
on erratic boulder used by birds
- 63-908 *Lepidic*  
<sub>vertical</sub>  
on silt bank above Bernard River
- 63-909 *Ceratodon purpureus*  
on silt, tundra hillside
- 63-910 *Pohlia cunda*  
in crevice between silt clods, hillside tundra
- 63-911 *Bryum arcticum*  
on moist sand, frost ridge in tundra



Bernard River, Banks I., N.W.T., Canada  
August 1, 2, 3, 1963

- 63-912 *Grinnia*  
on moist sand, frost ridge in tundra
- 63-913 *Blindia?* *Ditrichum flexicaule* (Schwaegre) Hampe  
in wet tundra, in frost boil
- 63-914 *Mnium hymenophylloides*  
in lemming burrow, frost ridge in <sup>low</sup> tundra
- 63-915 *Stegonia latifolia* ~~var. ex Broth~~  
<sup>steep</sup> ~~var. p~~ ~~var. pilifera~~  
on <sup>steep</sup> bank above Bernard River
- 63-916 *Stegonia latifolia* var. *pilifera*  
with preceding
- 63-917 hepatic *Athalania hyalina*  
on moist sand in and around lemming burrows
- 63-918 *Fumaria polaris* - in quantity  
on moist sand on lemming burrow mound



Bernard River, Banks I., N.W.T., Canada

August 1, 2, 3, 1963

63-919 <sup>a</sup>  
~~Ammonium~~ + Curled Arct  
in moist sand, lemming trail in crack in  
low frost ridge, wet Tundra.

63-920 *Campylopusium*  
on moist sand, lemming burrow mound

63-921 *Bryum*  
on moist sand, lemming burrow mound

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On high center polygons behind (east of)  
Arctic Research Laboratory, Point Barrow  
Alaska. August 7, 1963

3-922 }  
3-923 } *Cochlearia* for Dr. John J. B. Gill,  
3-924 } Univ. Liverpool.  
3-925 }





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