



ICE BLINK: NAVIGATING NORTHERN ENVIRONMENTAL HISTORY Edited by Stephen Böcking and Brad Martin

ISBN 978-1-55238-855-6

THIS BOOK IS AN OPEN ACCESS E-BOOK. It is an electronic version of a book that can be purchased in physical form through any bookseller or on-line retailer, or from our distributors. Please support this open access publication by requesting that your university purchase a print copy of this book, or by purchasing a copy yourself. If you have any questions, please contact us at ucpress@ucalgary.ca

Cover Art: The artwork on the cover of this book is not open access and falls under traditional copyright provisions; it cannot be reproduced in any way without written permission of the artists and their agents. The cover can be displayed as a complete cover image for the purposes of publicizing this work, but the artwork cannot be extracted from the context of the cover of this specific work without breaching the artist's copyright.

COPYRIGHT NOTICE: This open-access work is published under a Creative Commons licence. This means that you are free to copy, distribute, display or perform the work as long as you clearly attribute the work to its authors and publisher, that you do not use this work for any commercial gain in any form, and that you in no way alter, transform, or build on the work outside of its use in normal academic scholarship without our express permission. If you want to reuse or distribute the work, you must inform its new audience of the licence terms of this work. For more information, see details of the Creative Commons licence at: <http://creativecommons.org/licenses/by-nc-nd/4.0/>

UNDER THE CREATIVE COMMONS LICENCE YOU **MAY:**

- read and store this document free of charge;
- distribute it for personal use free of charge;
- print sections of the work for personal use;
- read or perform parts of the work in a context where no financial transactions take place.

UNDER THE CREATIVE COMMONS LICENCE YOU **MAY NOT:**

- gain financially from the work in any way;
- sell the work or seek monies in relation to the distribution of the work;
- use the work in any commercial activity of any kind;
- profit a third party indirectly via use or distribution of the work;
- distribute in or through a commercial body (with the exception of academic usage within educational institutions such as schools and universities);
- reproduce, distribute, or store the cover image outside of its function as a cover of this work;
- alter or build on the work outside of normal academic scholarship.



Acknowledgement: We acknowledge the wording around open access used by Australian publisher, **re.press**, and thank them for giving us permission to adapt their wording to our policy <http://www.re-press.org>

Contributors

TINA ADCOCK is an assistant professor of history at Simon Fraser University. She studies the cultural and environmental history of the modern Canadian North, particularly the experiences of southern sojourners involved in exploration, scientific fieldwork, travel, and resource exploitation. Her research has previously appeared in Swedish, Norwegian, and American scholarly collections. She is completing a book manuscript on cultures of northern Canadian exploration in the first half of the twentieth century.

STEPHEN BOCKING is a professor of environmental history and policy in the Trent School of the Environment, Trent University. His research interests include the environmental history of science, and the roles of science in environmental affairs in northern Canada and elsewhere.

EMILIE CAMERON is an associate professor in the Department of Geography and Environmental Studies at Carleton University. Her current research focuses on geographies of resource extraction, empire, and labour in the contemporary North.

HANS M. CARLSON is Executive Director of the Great Mountain Forest, in Norfolk, Connecticut. Great Mountain is a 6,300-acre working forest dedicated to sustainable forestry practice, research, and the integration of human communities and human history in the stewardship of their land. Carlson previously taught in the American Indian Studies Department at the University of Minnesota. His contribution to this volume is part of an ongoing writing project on the cultural and environmental impacts of global resource use in James Bay, Quebec.

MARIONNE CRONIN is an honorary research fellow in the Northern Colonialism program at the University of Aberdeen. Her research interests include the histories and historical-cultural geographies of science, technology, and exploration, with a special interest in the history of circum-polar aviation. Her current research examines the material practices and imagined geographies of northern colonialism.

MATTHEW FARISH is a historical geographer and an associate professor in the Department of Geography and Planning at the University of Toronto. His research focuses on the relationships between militarization and geographical knowledge. Among his current research projects is a comprehensive history of the Distant Early Warning (DEW) Line.

ARN KEELING is Associate Professor of Geography at Memorial University, conducting research on the environmental history and historical geography of western and northern Canada. With John Sandlos, he led the Abandoned Mines in Northern Canada project, with funding from the Social Sciences and Humanities Research Council and ArcticNet. They are currently pursuing research on industrial development and pollution in the north.

P. WHITNEY LACKENBAUER is a professor of history at St. Jerome's University. His research explores historical and contemporary arctic sovereignty and security issues, Native-newcomer relations, and civil-military relations. He acknowledges the support of the Social Sciences and Humanities Research Council and ArcticNet for facilitating his archival, oral history, and field research on Canada and the Cold War Arctic.

TINA LOO teaches Canadian and environmental history at the University of British Columbia. The work in this volume is part of a larger project examining forced relocations, development, and the welfare state in post-war Canada.

BRAD MARTIN is Dean of the Faculty of Education, Health, and Human Development at Capilano University.

PAUL NADASDY is Associate Professor of Anthropology and American Indian Studies at Cornell University. He is the author of *Hunters and Bureaucrats: Power, Knowledge, and Aboriginal Relations in the Southwest Yukon* and numerous scholarly articles. The present chapter is part of a larger study he is conducting on the cultural assumptions that underlie the Yukon land claim and self-government agreements and the effects their implementation is having on Indigenous ways of life.

JONATHAN PEYTON is an assistant professor in the Department of Environment and Geography at the University of Manitoba whose research on extractive economies lies at the intersection of environmental historical geography and political ecology. He is the author of *Unbuilt Environments: Tracing Postwar Development in Northwest British Columbia*.

LIZA PIPER is an associate professor of History at the University of Alberta. Her 2009 book, *The Industrial Transformation of Subarctic Canada*, examines the role of industrial resource exploitation and science in the twentieth century transformation of subarctic environments. Her current research considers how disease and climate have changed human relations to nature in the Subarctic and the Arctic since the nineteenth century.

JOHN SANDLOS is an associate professor of History at Memorial University, where he teaches environmental history and conducts research on wildlife conservation, parks, and mining in northern Canada. He was recently a fellow at the Rachel Carson Center for Environment and Society in Munich, Germany. With Arn Keeling, he led the Abandoned Mines in Northern Canada project, with funding from the Social Sciences and Humanities Research Council and ArcticNet. They are currently pursuing research on industrial development and pollution in the north.

ANDREW STUHL is an assistant professor of Environmental Humanities at Bucknell University. His 2016 book, *Unfreezing the Arctic: Science, Colonialism, and the Transformation of Inuit Lands*, examines scientific engagement with the western North American Arctic between 1881 and 1984 as colonial and environmental history. He is currently researching the environmental histories of northern comprehensive land claim agreements and offshore drilling in the Beaufort Sea.

Index

A

abandoned mines, 378–79, 380–81, 386–87, 408
Aboriginal Affairs and Northern Development (AANDC) (also: Indian and Northern Affairs Canada, or INAC), 380–81, 399, 401
acid mine drainage, 380, 387
aerial surveying, 18, 20, 22, 87, 107–8, 134–35, 142–43, 164–67, 275, 507
aircraft, 14, 20, 103–20, 123–26, 164, 273, 506
air routes, 110–12, 122, 125
airscales, 104, 114
Aklayik, 84, 88, 90, 193, 203
Alternatives North, 384, 401–2
Anderson, Rudolph, 70
anthropology, 5, 24, 73, 232–33, 252, 445, 472, 502, 507
anthropology, applied 233–34, 502, 507
antimodernism, 132–33, 136, 138–140, 143, 145–46, 148, 152, 168–69, 510, 512
Arctic Bay, 194
Arctic Climate Impact Assessment (ACIA), 466
Arctic Council, 29, 454, 480
Arctic Dilemma, 445, 508
Arctic Environmental Strategy, 440, 443–44
arctic haze, 427, 429, 430–33, 435, 452
Arctic Institute of North America, 8
Arctic Marine Shipping Assessment, 480

Arctic Monitoring and Assessment Programme, 444, 447–48
Arctic Waters Pollution Prevention Act, 18
Armstrong, Jeannette, 299, 302
arsenic, 381–84, 387–92, 399–401, 405, 407, 423
Arviat, 231. *See also* Eskimo Point
Asbestos Hill, 236
Ashcroft Trail, 52
Assinica Valley, 324
atmospheric pollution, 426–27, 438
atmospheric science, 422, 425, 430–32, 435–36, 447, 452
Avalon Rare Metals, 405
aviation, 6, 7, 15, 18, 20–21, 104–7, 109, 111–12, 114, 122–125, 134, 275, 427, 502–3, 505, 507–9, 511–12

B

back-to-nature movement, 139, 152
Baffin Island, 72–75, 91, 185, 192, 194, 213, 277, 423, 426, 437, 475
Baker Lake, 243, 483
bands (Indian Act), 341, 343–44
bannock mix, 203, 206
Barrenlands, 145, 223, 227, 230, 232, 238, 243, 251
Beaulieu, Joseph “Souci”, 148–50
beaver reserves, 322–23
Begg, Alexander, 42–43
Berger, Thomas, 17, 28
“Black” Basile, 148–49

Blanchet, Guy, 7, 131–33, 135–53, 158–59,
163–69, 505–6
blubber, 195
Boothia Peninsula, 194
boundaries, boundary-making, 339
Bourassa, Robert, 296, 306–7, 312–13
Brack, D.M., 243–44
breastfeeding, 188, 198, 204
Bringhurst, Robert, 300, 303
Broadback River, 324
Brock River, 295
Broughton Island, 421, 437, 439, 441, 443
Budgell, Max, 242
Bureau of Biological Survey (U.S.), 75,
77–79, 81
bureaucracy; bureaucratization, 18, 67, 69,
251, 334, 341, 357, 359–60, 364–65,
502, 510
bush flying, 104, 107, 112, 122–23, 125
bush planes, 104–5, 109, 113, 122–23, 125.
See also bush flying

C

Cambridge Bay, 194, 282
Canadian Airways, 104, 106–7, 109–10, 115,
117–18, 122–24
Canadian Arctic Expedition, 1913–1918
70, 72
Canadian Arctic Indigenous Peoples
Against POPs, 448
Canadian Arctic Resources Committee,
438
Canadian Council on Nutrition, 197
Canadian Public Health Association
(CPHA), 391
Canadian Reindeer Project, 6, 63–93, 503,
510
Canadian Shield, 103–4, 107, 140, 296
Canadian Wildlife Service, 24, 239–41, 429
Cape Dorset, 194–95
caribou, 5, 9, 14–17, 19, 23, 26–8, 64, 66,
68–70, 72, 141, 148–49, 151, 181,
184–87, 200, 210, 223, 227, 239–40,
250, 325, 403, 428, 430, 435, 441,
451, 474, 501, 503
carrying capacity, 79–86, 92, 124, 227, 239,
240–41, 250
Centre for Indigenous Peoples' Nutrition
and the Environment, 444–45
Champagne and Aishihik First Nations
(CAFN), 357–60, 361–62
Charest, Jean, 306–7, 316
Chesterfield Inlet, 193, 196
Chibougamau, 295–96, 317
Chipewyan Dene, (Denesuline) 132,
148–49, 151–52, 393
Citizens' Committee in Aklavik, 203
Cladonia, 80–83, 84–86
cleanliness (sanitation), 188
climate change, 4, 10, 12–13, 18, 21, 426,
436, 451, 468, 471–74, 479, 483–84,
487, 500–501, 507–8, 513
climate change, arctic, 92, 465–68, 471, 476,
480, 485–87
climate science, 12–13, 481–82, 508
Cockney, Lucy, 209
Cold War, 4, 7–8, 15, 24, 28, 90, 206,
226–27, 261, 263, 266–69, 272, 274,
280, 282, 423, 426–27, 429, 430, 447,
453, 507–8, 511–12
Colomac Mine, 386, 405
colonialism, 5, 6, 9, 13, 21, 25–26, 28, 182,
230, 232–33, 248, 252, 298–99, 305,
307, 315, 317, 484, 485, 504
colonization, 5–6, 13, 16–17, 19, 21, 26, 64,
298–99, 315, 387, 502
Cominco (also Consolidated Mining and
Smelting, or CM&S) 393, 396, 403–4
Con Mine 384–85, 388–89, 399
conservation officer districts, 352, 354
Coon Come, Matthew, 298–99, 316
cooperatives, 246–48, 249–50
co-management, 11, 17–19, 344, 348, 364,
474, 482, 502, 506, 513
Commercial Airways, 117–18, 123
Comminterphone, 244
community development, 9, 228, 230,
245–48, 250–51
contaminants, 5, 10, 12, 18, 26, 193, 380,
383, 421–54, 500–501, 503–5,
507–11, 513

Cory, W.W., 75–78
 Council for Yukon Indians, 342
 Cree, 11, 17, 25, 196, 295–326, 502, 506, 510–11
 Creswell Bay, 194, 196, 213
 cyanide, 387–88

D

Dailey, Lois, 238, 249
 Dailey, Robert, 238, 249
 Daly Bay, 240, 242, 250
 dams, 9, 15, 20, 267–68, 298–99, 313, 316, 500, 513
 DDT, 423–24, 429–30, 433–34, 441
 Defence Research Board, 24
 Dene, 10, 25, 68, 132, 148–49, 151–52, 168, 192, 233, 386–89, 392–93, 396, 400–402, 407–8, 439, 450
 Deninu Ku'e First Nation, 404
 Department of Agriculture (U.S.), 81–82
 Department of Health, 197
 Department of Interior (Canada), 63, 65–66, 74, 77–78, 87, 93
 Department of Northern Affairs and National Resources, 8, 201, 226, 228, 230–32, 236–41, 243–47, 249–50, 277
 Department of Regional Economic Expansion, 241
 Dettah, 381, 388–89, 391, 407
 DeVilliers, Dr. A.J., 390–91
 Dewailly, Eric, 421, 437, 447
 Diavik Mine, 386
 Diefenbaker, John, 4, 226, 228
 disease, 5, 8–9, 15–16, 75, 189–91, 195–96, 303, 441–42, 446, 466, 500
 Distant Early Warning (DEW) Line, 8, 9, 15, 90, 206, 232, 263–84, 423, 447, 500–501, 503–4, 506–7, 510, 513
 Dominion Explorers Limited (Domex), 134, 141–42, 154–55, 157
 Douglas Bay (Great Bear Lake), 158–59
 Douglas, George, 7, 131–32, 133, 135–37, 140–41, 152–63, 164–69, 505–6
 Douglas, James, 140–41

E

Eagle Island (Great Slave Lake), 156, 159, 160, 162
 ecology, 23–24, 27
 Eeyou Istchee, 295, 297, 300, 303, 305, 307–8, 313, 315–21, 323–26, 509
 Ekati Mine, 386
 Elton, Charles, 23
 environment, cultural images of, 107–8
 environmental justice, 298, 300, 320
 envirotech, 105–6, 125, 513
 envirotechnical objects and systems, 104, 110–12, 125
 epidemics, 189–90, 191, 212
 Eskimo Point, 224, 231–32, 242–43. *See also* Arviat
 ethnohistory, 304–5, 320–21
 expertise, scientific, 424, 442–43, 446–47

F

family allowances, 9, 197, 204–6, 212–13, 225, 502
 Finnie, O.S., 74–78, 84, 86, 88, 133, 187–88, 196
 fire, 14, 15, 20, 24, 49, 157, 184, 363, 427, 500
 firewood, 363, 506
 fish, 15, 17, 25, 41, 54, 89, 147–48, 182, 184–87, 189–90, 192–93, 203, 210–11, 213, 236, 239, 242–43, 250, 321, 344, 346, 349, 352, 357, 359, 386–87, 393, 401, 433, 439, 484
 Fisheries Research Board of Canada, 8, 24
 food colonialism, 9, 182, 504
 food, country, 8, 9, 17, 186, 188, 190–91, 194, 198, 201–2, 208, 210, 212–14, 242–43, 425–26, 437–42, 444–45, 447, 449, 452, 454
 forestry, 79, 103, 307, 309, 313–14, 324
 Fort Good Hope, 119, 198
 Fort McPherson, 185, 193
 Fort Providence, 193
 Fort Resolution, 193, 209, 381, 393, 395–96, 403–5
 Fort Ross, 194
 fur trade, 5, 8, 17, 18, 23, 26, 70–71, 109–11, 147, 200, 204, 304, 322, 341, 395, 407, 474, 503

G

game management zones, 352, 353, 357
game reserves, 6, 15, 17
gangrene, 194–95
gardens (mission gardens), 198, 211
gender, 165, 271, 304, 438, 509, 513
Geological Survey of Canada, (GSC) 8, 20,
43, 46, 48, 56, 73, 91,
Giant Mine, 381, 384–85, 388–92, 393, 398,
399–403, 405, 407
Gibson, Roy, 196, 200, 204–5, 211
Glenora, British Columbia, 36–37, 40, 42–3,
45–48, 50–51, 53
globalization, 320, 484
Great Bear Lake, 2, 6, 26, 86, 122, 124, 133–
34, 137, 140–41, 153–55, 157–59, 162,
165, 168–69, 186, 386, 507, 509
Great Slave Lake, 6, 111, 133–34, 137, 142,
149, 155–56, 158, 162, 165, 167–68,
190–91, 381, 384–87, 392, 394, 398,
405–6, 505, 507
growth pole, 241
Gwich'in, 183, 185

H

Hanbury, David, 185
Harper, Stephen, 308
Harrington, Richard, 196, 223, 225–27
Hay River, 192, 193, 237, 381, 393, 398, 403,
405
heavy metals, 380, 382–83, 387–393
Herschel Island, 186
high modernism, 9, 91, 266–68, 274, 281,
510
Hoare, W. H. B., 23
Hoffmann, Erich, 242
Hudson Bay, 195
Hudson's Bay Company, 5, 19, 23, 25, 47,
72–74, 187–88, 197–200, 204, 206,
211, 231–32
Hunt, L.A.C.O., 201, 204
hunting rights, 344, 348–49, 360
Hydro Quebec, 296, 314, 315
hydroelectric projects, 9–11, 15, 17

I

ice blinks, 3, 4, 513
Iglauer, Edith, 242, 248
Indian Act, 68, 334, 341, 343–44
Indigenous people(s), 3, 5–6, 8, 11–4,
16–18, 21, 25–26, 28–29, 40–41, 50,
142, 146–47, 149, 152, 168, 186–88,
195–96, 198, 200–206, 208–9,
211–13, 226, 234, 239, 242, 251,
281–82, 298, 312, 333–34, 349
Industrial Division, 239, 242, 246, 249, 362,
365–6, 408, 426, 444–45, 447–48,
466, 471–79, 481, 501–4, 512–14
industry, military role in, 266–70, 275
influenza, 16, 69, 189–91, 194
Interdepartmental Reindeer Committee,
69, 78, 89–91
Intergovernmental Panel on Climate
Change (IPCC), 466
International Polar Year, 186, 451
Inuit, 5, 9–10, 17–18, 21, 23–25, 27, 64–65,
67–72, 77–79, 84–85, 87–92, 151,
168, 185–88, 190, 192–96, 200–202,
204–6, 213, 223, 225–27, 230–32,
234–40, 242–44, 247–52, 282, 312,
395, 421–22, 427–28, 434, 436,
438–39, 442, 466–67, 471, 475,
479–80, 482, 484, 502–3
Inuit, and climate change, 466, 484
Inuit Circumpolar Conference/Council
(ICC), 421, 466, 479
Inuvialuit, 10, 69, 88, 90, 186, 203, 207, 209,
281–82

J

Jackson, Sheldon, 67
James Bay, 11, 17, 28, 196, 206, 295, 303,
306–7, 309–10, 312–15, 319, 322,
501–2, 513
James Bay and Northern Quebec Agree-
ment, 11, 17, 310–312, 313, 315, 323,
502
Jenness, Diamond, 70
Jennings, Francis, 303
Johnson, Joe, 357–60
jurisdiction, political, 334–35, 339, 346,
350–51, 359, 366

K

- Kaanoowapmaakin, 297, 310–11, 317,
321–24, 326
K'atl'odeeche First Nation, 381, 393, 398
Kayoomyk, 195
Keewatin, 76, 86–87, 143, 196, 214, 223–28,
231–35, 239–44, 249–52, 317, 322,
395
Keith Arm (Great Bear Lake), 157
Kent, Margaret (also Witte, Peggy), 404–5
King, Thomas, 298–99
kinship, 340, 348, 361, 506, 511
Kivalliq, 223. *See also* Keewatin
Klondike Gold Rush, 4, 6, 16, 26, 36–37,
40–41, 54, 65, 506
Kluane First Nation (KFN), 335, 337,
345–46, 357–60, 361–63
knowledge, Indigenous, 8, 10–11, 13, 17–18,
24–27, 424–25, 441–43, 473–81, 508
knowledge, local, 10, 23, 115, 268, 281, 445,
452, 468–81, 484, 487, 509
knowledge, scientific, 10, 22–24, 64, 82,
92–93, 280, 424–25, 453, 482, 508,
513

L

- LaBine, Gilbert, 141–42, 157
Lac Doré, 296
La Grande River, 310, 312
Laidlaw, Alexander, 247–49
Lake Athabasca, 134, 158
land claim agreements, 333–35, 342–43,
346, 349, 351, 365–66
land claims, 4, 10–11, 17–19, 25, 333, 341,
343, 349, 430, 503
lead (metal), 384, 386
Learmonth, L. A., 194
Lesage, Jean, 226, 249
Lopp, W. T., 73–74, 76
Lotz, Jim, 251
Lutselk'e (Snowdrift), 190
Lynn Lake, 236

M

- Mackenzie Air Services, 123
Mackenzie and Mann (engineering firm),
42–47, 50

- Mackenzie Delta, 10, 22, 26, 64, 69, 78–79,
84–90, 207, 242, 429,
Mackenzie District, 72, 104, 106–7, 109–15,
117–18, 121–25, 134, 143, 190, 201.
See also Mackenzie River
Mackenzie River, 64, 68, 118, 133, 153, 156,
191, 198, 207, 233–34, 439
Mackenzie Valley Environmental Impact
Review Board (MVEIRB), 401
Mackenzie Valley Pipeline Inquiry, 17, 24
Mackenzie, William, 42
Malaurie, Jean, 238
Mangilaluk, 69
Mann, Donald, 42
Martin, Calvin, 304
McClellan, Catharine, 340–41
McKeand, D. L., 196
McKibben, Bill, 249
Métis, 192, 202
Migratory Birds Convention, 6, 15
militarization, 9, 264, 275, 474
military, 4, 7–9, 16, 18–20, 24, 26, 93, 137,
203, 211, 261, 264, 266–77, 280–84,
304, 502–4, 511–12
miners, 4, 6, 16, 21, 26, 36, 38, 40–41,
47–55, 186, 234, 236, 386–87, 408,
500
mining, 8, 12, 15–16, 20–21, 378–408,
500–501, 503, 507
Mishigamish, 325
Mitchell, Timothy J., 230
mobility, 13, 26–7, 29
modernism; modernity, 9, 26, 91, 53–54,
106, 108, 126, 153, 155, 169, 233,
266–68, 281, 381, 434, 442, 510
Momaday, N. Scott, 297, 299
Moses, Myra, 181, 183
Mowat, Farley, 9, 196, 225–27

N

- Nagle, Ed, 392
Nansen, Fridtjof, 426
National Indian Brotherhood, 391
Ndilo, 381, 388, 391, 400, 407
Negus Mine, 384–85, 388–89
Nelson, E. W., 75–81
Netsilingmiut, 195
Neville, F. J., 246

Norn, Charlie, 192
 Norn, Frank, 192
 North, as empty, 108, 116
 North, as frontier, 108, 120
 North, as heroic space, 120
 North, as pristine, 423, 430, 438, 451, 454
 North, as resource frontier, 107–8
 North, definitions of, 3–4, 10, 21, 27–29,
 107–8, 506, 510, 512
 North, degrees of, 120
 North, exceptionalism, 118–20
 North Rankin Nickel Mining Company,
 228, 234–35, 238, 249
 Northern Aerial Mineral Exploration
 (NAME), 134, 154, 156–57
 Northern Contaminants Program, 380,
 440, 443–51, 503
 Northern Coordination and Research Cen-
 tre (NCRC), 232, 236, 238
 nostalgia, 132, 153, 155, 163, 168
 Nunavik, 437, 449
 nutrition (nutritional science), 9, 24,
 80, 182, 183–85, 189–91, 197–98,
 200–214, 437, 440, 442, 445, 447,
 504, 507, 510–11

O

odeyak, 11, 312
 Ogilvie, William, 46
 Ouje Bougoumou, 296, 309
 outfitting concessions, 352, 355
 Outpost Island, 386

P

Pablum, 204
 Paix des braves, 314, 324, 502
 Palmer, Lawrence, 75, 77, 79–84, 85, 87, 92
 Pangnirtung, 194, 233
 PCBs, 423–24, 429, 433–34, 437–38, 441
 Peluso, Nancy, 339, 352, 361
 Perroux, François, 241
 persistent organic pollutants (POPs), 421,
 423, 433–36, 448
 petroleum, 10, 15, 509
 Pett, L. B., 201
 photography, 8, 9, 20, 22, 107–8, 164, 277
 Pike, Warburton 44–46

Pine Point 381, 383–85, 393–94, 396, 398,
 407
 Pine Point Mine 381, 392–98, 403–6, 407
 Pine Point Mines, Ltd. 392–93
 Plan Nord 306–7, 316
 polar bears 3, 5, 14, 18, 27, 198, 429, 434, 514
 political ecology, 319–23, 513
 Pond Inlet, 192–94
 Porsild, Alf Erling, 6, 63–65, 73, 77–79,
 84–89, 92–93, 508
 Porsild, Robert, 6, 77–79, 84–86, 92, 508
 Port Radium, 168, 186, 383–84
 potlatch, 358
 primitivism, 146–47, 149–51
 property, 333–35, 349–50
 provincial norths, 27, 37

Q

Quiet Revolution, 306

R

radioactive fallout, 427–29, 430
 railways, 4, 36–37, 42–47, 51, 54–55, 111,
 228, 394–95, 406, 500, 507, 509, 511
 Rankin Inlet, 193, 206, 232, 235, 237,
 239–40, 242–45, 250, 384
 Rankin Inlet Nickel Mines, 384, 387, 395
 rations, 188, 190–91, 200–204, 212–13,
 502–3
 reciprocity, 25, 321, 340, 348, 361–62, 506
 reclamation (mines), 379–80, 393, 406
 regional development, 228, 230, 241–44,
 250, 378, 510
 Reindeer Grazing Preserve, 69–70, 89
 Reindeer Station, 64, 85, 89–91, 93
 relief (government), 187–88, 193–94, 197,
 200–205, 211–13, 395, 502–3
 relocations, 16, 193–95, 213, 474, 502–4
 remediation (mines), 379–84, 386,
 398–402, 407–8
 Renewable Resources Council, 344, 346,
 349, 361, 364
 residential schools, 9, 17, 21, 191–93, 198,
 208, 210, 212, 506
 Robertson, R. Gordon, 247, 394
 Rowley, Graham, 21

Royal Canadian Mounted Police (RCMP),
23, 40, 68, 109, 187, 190–91, 194,
200, 206–8, 231–32, 250
Royal Commission on Canada's Economic
Prospects, 241
Royal Commission on Muskox and Rein-
deer, 71–72, 74, 84, 87
Royal Oak Mines, 399, 405
Rudnicki, Walter, 231–32, 249, 252
Rupert River, 314–15
Russell Bay (Great Bear Lake), 157
Russian Arctic, 423

S

Saami, 64, 67, 73, 78–79, 81–82, 84–85,
87–89, 508
Sack, Robert, 334–35, 338, 340, 357
scale (of analysis), 13–14, 54, 121, 242, 251,
266, 283, 298–99, 301, 352, 425, 448,
467–73, 477, 480, 487
Schaefer, Otto, 212
Schweitzer, Doug, 249–50
Scott, James, 54, 267
Second World War, 7, 18, 26, 65, 93, 168,
200, 213, 227–29, 242, 265, 269, 271,
275, 322, 384, 387–88
self-government (Indigenous), 4, 10–11,
247, 333–35, 341–44, 350, 365–66
settlement lands, 335, 337, 349–51, 357, 363
sharing accords, 348, 359–60, 362
Sifton, Clifford, 42–44, 50
Sivertz, Ben, 201–2, 204, 206
Skagway, Alaska, 36
Slave Lake Gold Mines, 386
Snap Lake Diamond Mine, 386
Snowden, Donald, 239, 242, 246, 248–49,
251–52
Somerset Peninsula, 194
sovereignty, 17–18, 24, 65, 200, 297, 308,
316, 318, 324, 348, 365, 471
starvation, 8–9, 66, 148, 151, 185, 190,
193–94, 213, 223, 225–27, 230–32,
234, 239, 244, 248, 501
Stefansson, Vilhjalmur, 71–74, 76, 78, 91,
141
Stevenson, David, 236–37
Stikine route, 36, 38, 42–47. *See also* Teslin
Trail

Stockholm Convention on Persistent Or-
ganic Pollutants (POPs), 448, 479
Suluk, Thomas, 248
surveys (health, nutrition), 6, 197, 207–10,
212–13, 391, 434, 437, 439, 502
sustainability, 228–30, 240, 250, 252, 408
sustainable development, 18, 227, 229,
239–40, 243, 249, 252, 502–3

T

Tahltan, 40, 50
Tamerlane Ventures, 403–4
technology, 104–5, 119–20, 125–26
technopolitics, 266, 269–70, 280, 283–84
Telegraph Creek, 35–37, 39–40, 42, 47,
50–51
territory; territoriality, 334–35, 338–39,
340, 344, 351–60, 361–64, 365–66
Teslin Trail, 37, 40–41, 47–53. *See also*
Stikine route
Teslin, Yukon Territory, 37, 40, 42–47, 51,
54. *See also* Teslin Lake
Thongchai Winichakul, 338, 351
Thubun River, 162
Tisdall, Frederick, 198–99
Tlingit, 38, 49–50
Topographical Survey of Canada, 133, 138,
142
toxicology, 422, 425, 435, 440, 445, 447, 452
toxins, 210, 380, 387
traces (inscriptions), 136–37, 149, 151, 153,
158–59, 162, 167–68
traditional territory, 315, 335–37, 344–50,
357–58, 361, 364, 401
trapping concessions, 352, 356–57
Treaty 8, 190, 392
Treaty 11, 68, 190
“tribe”, the problem of, 340
trichinosis, 194–95
Trudeau, Pierre, 241
Tsiighehtchic (Arctic Red River), 185
tuberculosis, 196, 200–201, 203–4, 207–8,
214
Tungsten, Northwest Territories, 236
Turner, Frederic Jackson, 307
Turner, John Herbert, 42–45

V

Vandergeest, Peter, 339, 352, 361
Vermont, 314–15
vitamins, 195, 197–98, 203, 206, 210–11

W

walrus, 192, 194–95
Waswanipi, 324
watery geographies, 110–12
Watt-Cloutier, Sheila, 421, 425, 438, 448, 466, 479
Welcome to Pine Point (National Film Board documentary), 381
Wensley, Gordon, 244
Western Electric Company, 261–84
Whale Cove, 224, 242–43
whaling, 14, 26, 67–68, 192, 466
Whitehorse Mining Initiative, 407
White River First Nation (WRFN), 360
wildlife science, 22
“will to improve”, 227, 230, 249, 471
Williamson, Robert G., 232–38, 244
Willis, J. S., 201
Wood Buffalo National Park, 5, 15, 186, 242
World Bank, 319
Wrangell, Alaska, 38, 42, 47, 49–51

X

X-ray, 207

Y

Yellowknife, 12, 15, 158, 161, 165, 168, 193, 236–37, 381–82, 384–86, 388–91, 397, 399, 401–2, 405, 407
Yellowknives Dene (First Nation), 388–89, 392, 400–402
Yukon-Canadian Railway, 44, 51, 53
Yukon River, 36, 40, 42
Yukon Territory, 501–2, 506, 510–11
Yukon Umbrella Final Agreement (UFA), 11, 342

Z

zinc, 111, 381, 383–84, 386–87, 392–94, 403–4
“zombie” mines, 12, 380–81, 384, 407–8, 506

The environmental history of northern Canada is made up of many stories—vital stories that must be told and understood in a time of rapid change in the north. There are the stories of Indigenous peoples—of identities, ways of life, relationships to the land, and interactions with scientists, the state, and the world. There are the stories of newcomers to the north—prospectors and miners, railway promoters and pilots, technicians installing surveillance equipment and scientists tracking contaminants. There are the stories of the Canadian state—of its efforts to impose a pastoral economy, to replace fresh meat with supermarket foods, and to initiate economic developments that challenge traditional ways of life in the north. *Ice Blink* takes up these stories, reflecting on how humans have shaped the landscape of the north, just as the north has shaped human cultures and knowledge.

STEPHEN BOCKING is a professor of environmental history and policy in the Trent School of the Environment, Trent University.

BRAD MARTIN is Dean of the Faculty of Education, Health, and Human Development at Capilano University.



UNIVERSITY OF CALGARY
Press

press.ucalgary.ca