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A Bibliography of Information; research, resource
inventories, etc. on National Wildlife Areas, Atlantic Region

August, 1979

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CANADIAN WILDLIFE SERVICE

Bibliography of Material; Research, Resource Inventories, etc.,
Conducted at
Tintamarre National Wildlife Area to December 1978

Barkhouse, H. Peter. Hunter bag check survey and hunter performance at the Tintamarre National Wildlife Area. October 1 to 13, 1973. CWS, Sackville, New Brunswick.

Beauchamp, Stephen. Limnological Investigations in 1975, Tintamarre National Wildlife Area and Missaquash Marsh. CWS, Sackville, N.B. 1976

Beauchamp, Stephen. The nutrient content of some important invertebrate foods of waterfowl. CWS Atlantic Region. April, 1976. 34 p.

Beauchamp, Stephen. Summary of hunter observations - opening day on the Tintamarre National Wildlife Area, October 1, 1975. CWS, Sackville, N.B. 7 p.

Bennett, Gordon. Sporogony and transmission of Plasmodium (Novyella) Novy and MacNeal 1904, in Culicine mosquitoes of the Tantramar Marshes, New Brunswick. J. Parasitology 64(1):165-166. 1978

Bennett, G. F., C.M. Herman and W. Threlfall. 1974. The implications of habitat management for parasites of waterfowl. The Waterfowl Management Symposium, Moncton, N.B. 1973. pp. 266-277

Bennett, G.F., A.D. Smith, W.R. Whitman and M. Cameron. Hematozoa of the Anatidae of the Atlantic Flyway II. The Maritime Provinces of Canada. 1974

Blacchiere, Richard. A mist-net study of the Song Birds of Jolicure Lake Region, New Brunswick. Hon. Thesis, Mt. Allison University, Sackville, N.B. 1975

Browne, Shelley Marie. Experiments and observations on the response of Simuliidae and Tabonidae (Diptera) to visual stimuli in the Tintamarre National Wildlife Area, New Brunswick. Hon. Thesis, Memorial University, St. John's, 1978. 38 p.

Caron, Lise. Etude comparative des rats musqués à Missaquash et Front Lake en 1975 et à Tintamarre en 1976. Université de Moncton. 123 p.

Harries, Hinrich. Ecological survey of the Chignecto Coastal Lowlands. Progress Report 1967-68 CWS Research Contract 20. Progress Report 1968-69. CWS Research Contract 20.

Harries, Hinrich. Check list of wild and cultivated vascular plants in the Chignecto Area of New Brunswick and Nova Scotia. Sackville, N.B. June, 1973.

- Healey, Ronald A. A Sora and Virginia Rail Study in the Tintamarre National Wildlife Area, New Brunswick. CWS, Sackville, 1976.
- Herman, C.M. and G.F. Bennett. 1976. Use of sentinel ducks in epizootiological studies of avian blood protozoa. *Can. J. Zool.*, 54
- Hounsell, R.G. Monitoring of Avifaunal use of selected Impoundments on National Wildlife Areas. Jan. 1978. CWS, Atlantic Region, Sackville, N.B.
- Hounsell, R.G. Management Plan 1977-1986, Tintamarre National Wildlife Area, Westmorland County, New Brunswick, CWS, Sackville, 1977. 105 p. + illus.
- Hudson, Christine Lorraine. Habitat selection, with regard to structural features of the vegetation of several passeriforme species in the Tintamarre National Wildlife Area, New Brunswick. Hon. Thesis, Memorial University, St. John's, Nfld. 1978.
- Kerekes, Joseph J. Limnological investigations in 1973: Tintamarre National Wildlife Area, New Brunswick, Missaquash Marsh, N.S. and Layton's Lake, N.S. CWS Progress Report. 1975
- Lewis, David James. The biting flies of the Nova Scotia-New Brunswick border region. Ph.D. Thesis, Memorial University, St. John's, Nfld. 1976
- Malone, Michael F. Telemetry Studies of Black Duck on the Tintamarre National Wildlife Area and vicinity. CWS, Sackville, 1976.
- Malone, Michael F. Vegetation succession in newly flooded impoundments at Shepody and Tintamarre National Wildlife Area in 1976. CWS Sackville, 1976.
- Meyer, C.L. and G.F. Bennett. 1975. Experimental studies on the sporogony of Plasmodium circumflexum Kikuth in New Brunswick, Canada. *Can. J. Zool.*, 53.
- Milton, G. Randy. A population census and nesting habitat study of the Sora and Virginia Rail on the Tintamarre National Wildlife Area. Honors Thesis, Mt. Allison University, Sackville, N.B., 1977.
- Morton, Dale. Small Mammal Study - 1978. CWS Sackville, N.B.
- Myers, C. et al. Mosquito Transmission of Plasmodium (Giovannolaia) Circumflexum Kikuth, 1931 to waterfowl in the Tantramar Marshes, N.B. *Journal of Parasitology* 60(6). 1974
- Parker, Gerald R. Muskrat Study at Tintamarre NWA - 1978. CWS Sackville, N.B.
- Price, Janet. Water chemistry and distribution of aquatic plants and mollusks in the Chignecto coastal wetlands. Honors Thesis, Mt. Allison University, 1968. 39 p.
- Smith, A.D. Hunter use - opening day - October 2, 1978. Tintamarre National Wildlife Area. Note to File. Canadian Wildlife Service, Sackville, N.B.

- Turner, Bruce Calvert. The parasite fauna of the green-winged teal (*Anas crecca* L.) and blue-winged teal (*Anas discors* L.) M.Sc. Thesis, Memorial University of Newfoundland, September, 1974.
- Whitman, William R. Proposed Tantramar Marsh National Wildlife Area. CWS Sackville, 1966. 40 p. + illus., and maps.
- Whitman, William R. Waterfowl production in the Tantramar Marshes, 1967. CWS, Sackville, N.B.
- Whitman, William. Waterfowl Production in the Tintamarre National Wildlife Area 1967-1971. CWS, Sackville, N.B.
- Whitman, William R. et al. Management plan, Jolicure Lakes National Wildlife Area, Westmorland County, New Brunswick (Interim report). CWS, Sackville, N.B., 1968. 23 p. + maps
- Whitman, William R. Waterfowl production on national wildlife areas and associated marshes in the New Brunswick-Nova Scotia Border area. CWS Sackville, 1972. 14 p.
- Whitman, William. Waterfowl production on national wildlife areas and associated marshes in the New Brunswick-Nova Scotia border area 1973. CWS, Sackville, New Brunswick.
- Whitman, William R. An invertebrate sampling scheme for different age impoundments in the New Brunswick-Nova Scotia border area. CWS Sackville, 1974. 9 p. + illus.
- Whitman, William R. The response of macro-invertebrates to experimental marsh management. Ph.D. Thesis, University Maine. May, 1974. 114 p.
- Whitman, William R. Tintamarre National Wildlife Area: Manual of wetland management. CWS, Sackville, N.B. 1975. 26 p. + illus.
- Whitman, William R. Impoundments for waterfowl. Ottawa. CWS Occasional Paper no. 22. 1976. 21 p.

Bibliography of Material; Research, Resource Information, etc.,
Conducted at
Shepody National Wildlife Area to January, 1979

- Barkhouse, Peter. A proposal for the acquisition of land at Mary's Point, Albert Co., N.B. for a section of the Shepody National Wildlife Area. CWS, Sackville, 1976. 27 p. + illustrations.
- Bateman, Myrtle. Chronology of Waterfowl Migration, Spring, 1973, at Shepody National Wildlife Area. CWS, Sackville, N.B. 1973
- Bateman, Myrtle. Chronology of Waterfowl Migration, Spring, 1974. CWS, Sackville, N.B. June 25, 1974.
- Beauchamp, Stephen. Report on water quality on the Shepody National Wildlife Area's Germantown Marsh, CWS, Sackville, April, 1977. 31 p.
- Hall, Ross and Michael Jones. Chronology of Waterfowl Migration and Nesting in Germantown National Wildlife Area, Spring 1971. CWS, Sackville, N.B. 1971
- Hall, Ross. Chronology of Waterfowl Migration, Spring, 1972 at Shepody National Wildlife Area. CWS, Sackville, N.B., 1972
- Hounsell, Ronald. Management plan, 1974-79, Shepody National Wildlife Area, Germantown Unit, Albert Co., N.B. CWS, Sackville, 1974. 22 p.
- Hounsell, Ronald. Helicopter Waterfowl Brood Counts at Germantown Marsh, Shepody National Wildlife Area, 1977. CWS, Sackville, N.B., January 1979.
- Hounsell, Ronald. Monitoring of Avifaunal use of selected Impoundments on National Wildlife Areas, May to September 1978. CWS, Atlantic Region, Sackville, N.B. January, 1979.
- Kent, Phil and J. Steeves. Notes on the Germantown Marsh, Albert Co., New Brunswick, 1970. CWS Contract WE 69-70-28
- Malone, Michael. Vegetation succession in newly flooded impoundments at Shepody and Tintamarre National Wildlife Areas in 1976. CWS, Sackville, 1976. 14 p.
- Malone, Michael. Summary of waterfowl hunter bag checks at Shepody National Wildlife Area on October 1 and 2, 1976, by M.F. Malone and Stephen Beauchamp. 6 p.
- Malone, Michael. Ecosystem Classification Mapping of Atlantic Region National Wildlife Areas, 1978: Shepody National Wildlife Area - Germantown Marsh unit. CWS, Sackville, N.B. September, 1978.
- Parker, Gerald. The study of muskrat populations on the Shepody National Wildlife Area, Albert Co., N.B., by Jerry Parker and John Maxwell. CWS, Sackville, 1977. 12 p. + tables and figures.

Parker, Gerald. A study of muskrats on the Shepody National Wildlife Area,
Albert Co., N.B. by G.R. Parker and J. Maxwell. CWS manuscript report.
March 1978. 36 p. + figures

Whitman, William R. Proposed Germantown Marsh National Wildlife Area. CWS,
Sackville, 1966 (Preliminary acquisition proposal) 19 p.

Bibliography of Material; Research, Resource Information, etc.,

Conducted at

Cape Jourimain National Wildlife Area

- Barkhouse, Peter. Location and description of the Cape Jourimain National
CWS Contract. 3 p. + figures. *Wildlife Area.*
- Barkhouse, Peter. A proposal for the acquisition of lands at Cape Jourimain,
Westmorland Co., N.B., for the establishment of the Cape Jourimain National
Wildlife Area. CWS Sackville 1977. 17 p. + illustrations.
- Cairns, Winifred. The Macro-invertebrate fauna of the Cape Jourimain, N.B. salt
marsh complex. B.Sc. Thesis. Mount Allison University. 1974
- MacInnis, Andrew. Aquatic invertebrate sampling, 1972 field season - Cape
Jourimain CWS Contract. 3 p. + figures
- MacInnis, Andrew. A study of waterfowl habitat at the Cape Jourimain Marshes,
Westmorland Co., N.B. Progress Report #1 for 1972 field season.
24 p. + maps and study proposal.
- MacInnis, Andrew. A study of waterfowl habitat at the Cape Jourimain Marshes,
Westmorland Co., N.B. Progress Report #2 for 1973 field season.
36 p. + tables, figures and maps.
- Malone, M. F. Ecosystem Classification Mapping of Atlantic Region National
Wildlife Areas, 1978: Cape Jourimain National Wildlife Area.
CWS, Sackville, N.B. 1978.

Bibliography of Material; Research, Resource Information, etc.

Conducted at

Portage Island National Wildlife Area

Barkhouse, H. P. 1975. Bird Species observed on Portage Island National Wildlife Area on August 26, 1975. 1 p. CWS, Sackville, N.B.

Christie, D. S. 1978. Notes from Portage Island, August 8, 9, 1978. New Brunswick Museum, Saint John, New Brunswick. 5 pp.

Erskine, A. J. 1978. Check-list of Birds observed at Portage Island, August 8, 9, 1978. Canadian Wildlife Service, Sackville, N.B. 3 pp.

Hounsell, R. G. 1977. Status Report, Portage Island National Wildlife Area, Canadian Wildlife Service, Sackville, N.B.

Malone, M. F. 1978. Ecosystem Classification Mapping of Atlantic Region National Wildlife Areas, 1978: Portage Island National Wildlife Area. CWS, Sackville, N.B.

Smith, A. D. 1971. Bird Observations - Portage Island National Wildlife Area - June 28, 29, 1971.

Smith, A. D. 1973. Bird Observations - Portage Island National Wildlife Area - July 10, 11, 1973.

Whitman, W. R. 1970. Land Acquisition - Portage Island, New Brunswick. Acquisition proposal for Portage Island National Wildlife Area. Canadian Wildlife Service, Sackville, N.B. 6 pp.

Compiled by Peter Barkhouse
June, 1979

Bibliography of Material; Research, Resource Inventories, etc.,

Conducted at

Portobello Creek National Wildlife Area

Carter, Brian. The American goldeneye in central New Brunswick. M.Sc. Thesis University of Maine, Orono. 1952

Dilworth, Timothy. 1966. The life history and ecology of the Muskrat (*Ondatra zibethicus*) under severe water level fluctuations. M.Sc. Thesis University of New Brunswick.

Ferguson, Edgar. The population status of the blue-winged teal in central New Brunswick. Unpubl. M.Sc. Thesis. University of New Brunswick, Fredericton, N.B. 96 p.

McIntyre, W. E. A biological appraisal of Portobello Stream, Sunbury County, New Brunswick with emphasis on waterfowl. M.Sc. Thesis. University of New Brunswick, Fredericton, N.B.

Neave, David. The development of suitable natural cavities for tree-nesting ducks. Unpubl. Dissertation for B.Sc. in Forestry. University of New Brunswick, Fredericton, N.B. 37 p.

Prince, Harold. The breeding ecology of wood duck (*Aix sponsa*) and common goldeneye (*Bucephala clangula*) in central New Brunswick. M.Sc. Thesis. University of New Brunswick. 1965.

Prince, Harold. Nest sites used by wood ducks and common goldeneyes in New Brunswick. J. Wildlife Management 32(3): 489-500.

Roberts, P. R. Annotated Checklist of the vascular plants collected from the Fredericton region. New Brunswick Research and Productivity Council. Record 6. Fredericton, New Brunswick. December, 1966. 79 p.

Whitman, William. Proposed Portobello Creek National Wildlife Area, Sunbury County, New Brunswick. Canadian Wildlife Service, Sackville, 1968. 43 p. + illus.

Wright, Bruce. Portobello. The Atlantic Advocate. 46(2): 35-37.
October Illustration.

Wright, Bruce. Portobello Stream as a wildlife management area: An ecological assessment by B. S. Wright and William E. W. McIntyre. N.E. wildlife station. University of New Brunswick, Fredericton, N.B. CWS contract. Parts 1 and 2; Part 3 (bound separately) photos. 108 p. + appendices and bibliography.

Compiled by Peter Barkhouse
June, 1979

Bibliography of Material; Research, Resource Inventories, etc.
conducted at
Chignecto National Wildlife Area
Amherst Point Section

- Barrow, William R. Wood Duck nest box installation at the Amherst Point Bird Sanctuary and their use by birds in 1975. CWS, Sackville, N.B. 1976. 9 p.
- Bateman, Myrtle, et al. Chronology of Waterfowl Migration - Spring at Amherst Point, 1971-74. Four Reports. CWS, Sackville, N.B. 1971-1974
- Boyer, George F. Muskrat studies conducted in the Amherst Point Bird Sanctuary. 1954. 4 p.
- Desplonque, Con. The Amherst Point Bird Sanctuary. Chignecto Naturalist Club, Sackville, N.B. 1973
- Foshay, Gary M. The limnology of Layton's Lake, N.S.— B.Sc. Thesis. Mount Allison University, 1974.
- Hounsell, Ronald G. Management plan, Amherst Point National Wildlife Area, Cumberland County, Nova Scotia. CWS, Sackville, 1974. 3
22 p. + illustrations
- Kent, Phil. Notes on Amherst Point, Cumberland County, Nova Scotia by P. Kent and J. Steeves. Mount Allison University, Sackville, 1970. 5 p. + map
- Watson, George H. Pilot project, marsh acquisition, Cumberland County, Nova Scotia. CWS, Sackville, 1965. 9 p. + map

Bibliography of Material; Research, Resource Inventories, etc.
conducted at
Chignecto National Wildlife Area
John Lusby Section

- Bateman, Myrtle. Chronology of Waterfowl Migration, Spring, 1973 at John Lusby National Wildlife Area. CWS, Sackville, N.B. 1973
- Bateman, Myrtle. Chronology of Waterfowl Migration, Spring, 1974 at John Lusby National Wildlife Area. CWS, Sackville, N.B. 1974
- Hall, Ross and Michael Jones. Chronology of Waterfowl Migration and Nesting in John Lusby National Wildlife Area, Spring, 1971. CWS, Sackville, N.B. 1971
- Hall, Ross. Chronology of Waterfowl Migration, Spring, 1972 at John Lusby National Wildlife Area. CWS, Sackville, N.B. 1972
- Hounsell, Ronald G. Management plan, John Lusby National Wildlife Area, Cumberland County, Nova Scotia. CWS, Sackville, 1973
- Morantz, David Leslie. Productivity and export from a marsh with a 15 m tidal range, and the effects of impoundment of selected areas. M.Sc. Thesis, Dalhousie University, April, 1976
- Smith, Allan D. Birding sites in the Border Region, CWS, Sackville, N.B.
- Van Zoost, Jon. The ecology and waterfowl utilization of the John Lusby National Wildlife Area. CWS Contract WE 69-70-3. Progress report. 1969
- Van Zoost, Jonathan Raymond. The ecology and waterfowl utilization of the John Lusby National Wildlife Area. M.Sc. Thesis, Acadia University, July, 1970
- Watson, George H. Pilot project, Marsh acquisition, Cumberland County, Nova Scotia. CWS, Sackville, 1965.

Bibliography of Material; Research, Resource Inventories, etc,
conducted at
Wallace Bay National Wildlife Area

- Hounsell, Ronald G. Management plan, Wallace Bay National Wildlife Area. Cumberland County, Nova Scotia. CWS, internal report, Sackville, 1973.
- Hounsell, Ronald G.. Avifaunal use of Selected Impoundments at Four Maritime National Wildlife Areas, May - October, 1978. CWS, Sackville, N.B. 1978
- Malone, Michael F. Ecosystem classification mapping of Atlantic Regional National Wildlife Areas, 1978. Wallace Bay NWA. CWS, mms reports 1978
- Martin, Annamarie. Report to Canadian Wildlife Service on work in progress in Wallace Bay, 1975-76. Progress report CWS contract, Dalhousie University, Halifax, N.S. 1975
- Martin, Annamarie. The Wallace Bay salt marsh impoundment. Prelim. rpt. to CWS. March, 1977
- Martin, Annamarie. Aspects of Carbon and Nitrogen cycling in a *Spartina* dominated saltmarsh on the Northumberland Strait, Nova Scotia, and the effects of impoundments. M.Sc. Thesis, Dalhousie University, 1977
- Whitman, William R. Proposed Wallace Bay National Wildlife Area. CWS, Sackville, 1966

Bibliography of Material; Research, Resource Inventories, etc.
conducted at
Margaree Island National Wildlife Area

Barkhouse, H. P. and W. R. Barrow. Seabird colonies on Margaree Island, Campbell Island, Ram Island and the Brothers 1976. CWS Internal Report CWS, Sackville, N.B. 1977

Erskine, A. J. Not strictly for the birds. Nova Scotia Bird Society Newsletter, Vol.8, No.1. Halifax, N.S. 1966

Hounsell, R. G. Status Report on Margaree Island National Wildlife Area CWS, Sackville, N.B. 1977

Smith, A.D. Wildlife Observed on and Around Margaree Island on June 20, 1973. CWS, Sackville, N.B. 1973

Bibliography of Material; Research, Resource Inventories, etc.
conducted at
Boot Island National Wildlife Area

Barkhouse, H. Peter. A proposal for the acquisition of lands of Boot Island, Kings County, Nova Scotia for the establishment of the Boot Island National Wildlife Area. CWS, Sackville, November 1976.

Quinney, T. E. Reproductive success, growth of nestlings and foraging behavior of the Great Blue Heron (*Ardea herodias herodias* L.) CWS University Research Support Fund Report, 1979.

Bibliography of Material; Research, Resource Inventories, etc.
conducted at
Port Joli Bird Sanctuary

Barkhouse, H. Peter. A proposal for the acquisition of lands at Port Joli, southwestern Nova Scotia for establishment of the Port Joli National Wildlife Area. CWS, Sackville, N.B. 1978

Caretaker Reports. Port Joli Sanctuary Waterfowl Census 1969-1973. CWS Caretaker Reports. 1969-1973. CWS, Sackville, N.B.

Erskine, A. J. Investigation on Canada Geese and other waterfowl in and near the Port Joli Bird Sanctuary, N.S. - 1960-61. CWS, Sackville, N.B.

Fyfe, Richard. Investigation at the Port Joli Sanctuary, January, 1966. CWS, Sackville, N.B., 1966

Martell, Arthur M. A study of winter waterfowl ecology at Port Joli, Nova Scotia. M.Sc. thesis, Acadia University, Wolfville, Nova Scotia. 1969

Newman, Glynis. The utilization of Port Joli, Port Herbert and Sable River by migrating and overwintering Canada Geese 1977-78. CWS contract, CWS, Sackville, N.B. 1978

Newman, Glynis. A preliminary report on the use of Port Joli, Port Le Hebert and Sable River by migrating and overwintering Canada Geese - 1978-79. CWS contract, CWS, Sackville, N.B. 1979

Boyer, George. Winter banding project, Port Joli Sanctuary, 1950. CWS, Sackville, N.B. 1950

Bibliography of Material; Research, Resource Inventories, etc.
conducted at
Sand Pond National Wildlife Area

Fyfe, Richard W. Proposed Sand Pond National Wildlife Area, Yarmouth
County, Nova Scotia. CWS, Sackville, 1966

Hounsell, Ronald G. Management plan Sand Pond National Wildlife Area,
Yarmouth County, Nova Scotia. CWS, Sackville, 1974