

**BIO PHOTOSHOP  
COLOUR SLIDE ARCHIVE  
INVENTORY OF HOLDINGS  
May 2019**

All colour slides taken by BIO photographers (Norm Fenerty, Roger Belanger, Heinz Wiele and Kelly Bentham) held in the Photoshop Archives have been reviewed. These cover the period of 1970-2000. The collection does not include colour slides taken by other BIO staff. About half were still held in plastic sleeves stored in three-ring binders. These were transferred to archival plastic pages, that hold 20 slides each, and hung vertically in metal filing cabinets. The entire collection is now properly organized, labeled and stored. Some culling of duplicates, poor images or images of questionable long-term value was done during the process. The entire collection now consists of 1,100 pages, approximately 22,000 slides, organized by subject, chronologically where possible. These are held in three four-drawer metal filing cabinets located in the Archive Room of the Photoshop on the Ground Floor of the Strickland Building (ST- G13).



Anyone wanting to view the collection should make arrangements with Kelly Bentham. Viewing can be done using a nearby light table. Slides cannot be removed from the Photoshop but can be scanned on site.

19-05-14

## **DRAWER 1**

### **Cruises**

Hudson 70 9 pages

Summer

B. Pelletier (AGC)

Arctic and return to BIO

Geology

Hudson 76-023 3 pages

23 July-19 Aug 1976

R. Falconer (AGC)

Eastern Arctic

Geology

Hudson 77-024 19 pages

22 Aug-17 Sept 1977

P. Jones (AOL)

Eastern arctic and Labrador Sea

Chemical data collection, investigation of oil seep area near Scott Inlet

Hudson 78-009 5 pages

17 Sept-23 Oct 1978

B. McLean (AGC)

Baffin Island Shelf and Baffin Bay

Geophysical and geological studies

Hudson 78-026 21 pages

25 Aug-16 Sept 1978

E. Levy (AOL)

Scott Inlet, Buchan Gulf, Lancaster Sound, Melville Bay

Arctic oil seeps

Hudson 79-017 10 pages

13 June-31 July 1979

C. Schafer (AGC)

West of Orphan Knoll

Marine geological process studies

Hudson 81- 001 6 pages

27 Feb-16 March 1981

R. Pocklington (AOL)

BIO to Colon, Panama

Multidisciplinary investigations, BIOSTAT project

Hudson 81-017 4 pages

16-30 May

R. Chase (UBC)

Juan de Fuca Ridge and Explorer Seamount off Vancouver Island

Geological and geochemical studies and drilling of basalt cores

Hudson 81-045 16 pages

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1 Oct-4 Nov 1981  
M. Lewis (AGC)  
Eastern Arctic, Grand Banks  
Geological and geophysical studies  
Hudson 82-018        12 pages  
15 June-5 July 1982  
D. Buckley (AGC)  
Nares Abyssal Plain  
Study history of deposition and geochemical reactivity of deep-sea sediments  
Hudson 82-054        6 pages  
18 Oct-2 Nov 1982  
H. Josenhans (AGC)  
Labrador Shelf  
Surficial geology surveys

## **DRAWER 2**

Hudson 83-019        9 pages  
8-15 July 1983  
G. Fader (AGC)  
Bedford Basin, Scotian Shelf and slope  
Testing Seabed II mapping system, sidescan sonar surveys, seabed sediment sampling

Hudson 83-028        24 pages  
19 September-5 October  
J. Syvitski (AGC)  
Baffin Island fjords  
Climatology, sediment dynamics, animal-sediment interrelationships and other studies

Hudson 83-030        7 pages  
5-26 October 1983  
G. Vilks (AGC)  
Labrador Shelf, Lake Melville  
Sediment sampling, seismic surveys and chemical studies of petroleum-related substances

Needler N021 1984        2 pages  
16-22 Jan 1984  
L. Dickie (MEL)  
Scotian Shelf  
Testing ECOLOG acoustic fish counting system

Hudson 84-029        3 pages

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- 18-25 July 1984  
G. Fader (AGC)  
Bedford Basin, Scotian Shelf and slope  
Testing Seabed II deep ocean mapping system, sidescan sonar surveys, seabed sediment sampling, evaluating Hydrostar range bearing receiver, sidescan sonar surveys, seabed sediment sampling and photographs
- Hudson 85-001        5 pages  
18-29 March 1985  
D. Piper (AGC)  
Laurentian Fan and Fogo Seamounts  
Investigating seabed stability
- Hudson 85-005        3 pages  
31 March-24 April 1985  
G. Fader (AGC)  
Grand Banks and Avalon Channel  
Map surficial bedrock geology and carry out NORCO rock core drill and acoustic positioning tests
- Dawson 85-015        5 pages  
1-14 June 1985  
D. Sameoto (MEL)  
Scotian Shelf and Banquereau Bank  
Distribution of chlorophyll and zooplankton
- 
- Hudson 85-027        15 pages  
23 Sept-27 Oct 1985  
B. MacLean (AGC)  
Davis Strait, Baffin Bay and Hudson Strait  
Surficial samples for paleoecological studies, surficial and shallow bedrock mapping and sampling using rock core drills and high resolution seismic techniques
- Baffin 85-029 7 pages  
1-13 October 1985  
C. Ross (AOL)  
Baffin Bay  
Baffin Bay circulation
- Baffin 85-033        4 pages  
Dolphin
- Dawson 86-011        7 pages  
9-19 May 1986  
K. Frank (BSB)  
Brown's Bank and Bay of Fundy  
Ichthyoplankton dynamics
- Hudson 86-017        5 pages  
18-28 June 1986

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- G. Fader (AGC)  
Whale Deep, Avalon Channel, Halibut Channel, Haddock Channel, Green Bank,  
Grand Banks  
Surficial and shallow bedrock geology for surficial mapping of proposed pipeline  
corridors
- Hudson 86-027          16 pages  
26 Aug-25 Sept 1986  
B. MacLean (AGC)  
Wellington Channel, Byam Martin Channel, Viscount Melville, Prince Regent ,  
Barrow Strait areas  
Collection of physical, geophysical, geotechnical, biological, physical  
oceanography and hydrographic data
- Hudson 86-040          2 pages  
21-31 Oct 1986  
H. Josenhans (AGC)  
Hudson Bay  
Correlation of glacial stratigraphy and geomorphology, and deglaciation of the  
Laurentide Ice Sheet
- Needler 1987          2 pages

### **DRAWER 3**

- Hudson 87-003          5 pages  
3-14 April 1987  
K. Manchester/L. Mayer (AGC)  
Emerald Basin, Laurentian Fan  
Conduct seismic surveys and test new modified equipment
- Hudson 87-028          12 pages  
3-21 Aug 1987  
H. Josenhans (AGC)  
Hudson Bay  
Vertical and lateral distribution of surficial and subsurface geological units,  
seafloor and paleosediment dynamics
- Dawson 88-041          8 pages  
23-30 Nov 1988  
K. Kranck (PCSB)  
Bay of Fundy  
Sedimentation studies
- Dawson 89-006          5 pages  
4-18 May 1989  
G. Fader (AGC)

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- Northwest Grand Banks  
Geophysical study of near-shore surficial sediments and bedrock mapping  
Baffin 89-008            2 pages  
29 May-23 June 1989  
H. Josenhans/R. Parrot (AGC)  
Gulf of St. Lawrence and Scotian Shelf  
Geophysical survey and high resolution seismics
- Baffin 89-014            1 page  
14-19 July 1989  
B. Long (IRNS)  
Lake Melville, Labrador  
Geophysical survey, underwater photography, sediment sidescan bathymetric  
mapping, ADFEX project
- Hudson 89-039           6 pages  
18-30 March 1989  
C. Amos (AGC)  
Georges Bank  
Sediment transport studies
- ROV 89            14 pages  
ROV 90            5 pages
- Baffin 90-006           13 pages  
9 May-6 July 1990  
C. Rockwell (CHS)  
Bonavista Bay  
Hydrographic charting
- Hudson 90-028           9 pages  
30 Oct-17 Nov 1990  
H. Josenhans (AGC)  
Gulf of St. Lawrence  
Geophysics, Quaternary geology
- Hudson 91-061           12 pages  
24 Feb-18 March 1991  
C. Tang (PCSB)  
Northeast Newfoundland Shelf  
Ice margin study
- Hudson 92-001           6 pages  
6-16 April 1992  
C. Amos (AGC)  
Georges Bank  
Geophysics
- Hudson 92-003           4 pages  
21 Apr-1 May 1992  
D. Buckley (AGC)  
Scotian Shelf  
Geology, piston core tests
- Hudson 92-028           15 pages

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5 Aug-12 Sept 1992  
C. Amos/B. MacLean (AGC)  
Hudson Bay/Great Whale River  
Environmental geology

#### **DRAWER 4**

Parizeau 92-031      13 pages  
19-29 August 1992  
D. McKeown (PCSB)  
Scotian Shelf  
Gear trials

Parizeau 92-034      5 pages  
1-13 Sept 1992  
T. Rowell (BSB)/P. Schwinghamer (NAFC)  
Grand Banks, Scotian Shelf  
Trawl impact studies

Hudson 93-016      5 pages  
10-16 June 1993  
C. Amos (AGC)  
Sable Island Bank  
Seabed sediment stability

Parizeau 93-021      7 pages  
28 June-16 July 1993  
T. Rowell (BSB)/P. Schwinghamer (NAFC)  
Grand Banks  
Otter trawling experiment

Parizeau 93-029      8 pages  
4-21 Sept 1993  
T. Rowell (BSB)  
Grand Banks  
Otter trawling experiment

Hudson 93-030      14 pages  
3-17 Sept 1993  
J. Syvitsky (AGC)  
East Greenland/western Iceland Shelf  
Geology and geophysical surveys

Moresby      3 pages  
27 Sept-8 Oct 1993  
G. Fader (AGC)  
Scotian Shelf  
Sidescan sonar survey of coastal area to map surficial geology

Parizeau 94-015      7 pages

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4-21 July 1994  
T. Rowell (BSB)  
Grand Banks  
Otter trawling experiment  
Hudson 94-027 5 pages  
15 Aug-2 Sept 1994  
A. Grant (GSCA)  
Laurentian Trough  
Geophysics  
Hudson 95-006 6 pages  
23 May-3 June 1995  
H. Josenhans (GSCA)  
Cabot Straight  
Geophysics  
Parizeau 95-013 8 pages  
19 June-12 July 1995  
T. Rowell (BSB)  
Grand Banks  
Otter trawling experiment  
Parizeau 95-028 4 pages  
10-18 Oct 1995  
D. Sameoto (BSB)  
Scotian Shelf  
Zooplankton studies  
  
Parizeau 96-009 6 pages  
1-15 June 1996  
D. Gordon (MESD)  
Scotian Shelf  
PERD and fishing gear impacts  
Templeman 192/96 3 pages  
Needler N05 1997 2 pages  
Needler N241 1997 5 pages  
Parizeau 97-013 4 pages  
23 May-6 June 1997  
D. B elliveau (OSD)  
Sable Island Bank, Cabot Strait and Eastern Shore  
Engineering trials, suspended sediment studies and optical plankton counter  
Hudson 97-020 3 pages  
16 June-4 July 1997  
G. Fader (GSCA)  
Seabed mapping, sediment transport and erosion  
Bay of Fundy, Browns Bank

**DRAWER 5**



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- Matthew 97-045      11 pages  
3 Sept-10 Oct 1997  
B. MacGowan (CHS)  
Bonavista Bay, NL  
Hydrography
- Parizeau 97-053 (two legs)   11 pages  
27 Sept-20 Oct 1997  
D. Gordon/K. Muschenheim (MESD)  
Grand Banks, Scotian Shelf  
PERD and fishing gear impacts
- Matthew 98-005      6 pages  
27 April-24 June 1998  
South coast of Newfoundland  
Hydrography
- Hudson 98-015 (two legs)   17 pages  
22 May-16 June 1998  
D. Gordon/K. Muschenheim (MESD)  
Grand Banks, Scotian Shelf  
PERD and fishing gear impacts
- Parizeau 98-???      1 page  
Nov??  
Transportation Safety Board?  
Swiss Air crash site off Peggy's Cove  
Benthic surveys and recovery of wreckage
- Hudson 99-012 (two legs)   16 pages  
12 May-6 June 1999  
D. Gordon/K. Muschenheim (MESD)  
Grand Banks, Scotian Shelf  
PERD and fishing gear impacts
- Hudson 00-020 (two legs)   24 pages  
11 June-7 July 2000  
K. Muschenheim/D. Gordon (MESD)  
Grand Banks, Scotian Shelf  
PERD and fishing gear impacts
- Hudson 00-047      3 pages  
9-23 September 2000  
B. Todd (GSCA)  
Southern Scotian Shelf, Georges Bank, Northeast Channel  
Geophysical and geological seabed surveys

**Field Projects**

- St. Margaret's Bay (MEL)   1 page  
Canso 1973 (AGC)   11 pages  
Cunningham Inlet, NWT, July 1977 (CHS)   11 pages

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## **DRAWER 6**

LOREX 1979 (Lomonosov Ridge Experiment) 99 pages  
14 March-15 June 1979  
J. Weber (DEMR Ottawa)  
Arctic Ocean near North Pole  
Nature and origin of Lomonosov Ridge (geophysics)  
Main camp and two satellite camps on drifting pack ice

## **DRAWER 7**

Cobequid Bay 1976 (AGC) 4 pages  
Intertidal sediment transport studies  
Cobequid Bay 1977 (AGC) 10 pages  
Intertidal sediment transport studies  
Miramichi 1977 (AOL) 13 pages  
Labrador 1979 (CHS) 10 pages  
Pecks Cove, Cumberland Basin 1980 (MEL) 3 pages  
Sydney tar ponds May 77, July 87, Oct 88 (MEL/AOL) 6 pages  
ADFEX 1991 (AGC) 15 pages  
Underwater explosion experiment

## **DRAWER 8**

### **Ships**

Acadia 5 pages  
Maxwell 1 page  
Baffin 3 pages  
Hudson 9 pages  
Prince 1 page  
Navicula 1 page  
Sigma t 1 page  
Dawson 3 pages  
Needler 2 pages  
Matthew 3 page  
Early sweep vessel 3 pages  
Smith 7 pages  
Creed 7 pages  
Parizeau 1 page  
Launches 2 pages  
Hart 1 page  
Berubé 1 page  
Cygnus 1 page

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Chebucto	1 page	
Louisbourg	1 page	
Louis St. Laurent	1 page	
Edward Cornwallis	1 page	
Port Bickerton	1 page	
Other CCG vessels	1 page	
Alert	1 page	
North Bar	1 page	
Visiting ships to BIO		2 pages
Miscellaneous ships		8 pages

### **Helicopters**

1 page

### **Oil Rigs**

1 page

### **Shipwrecks**

1 page

### **Equipment**

Miscellaneous	14 pages	
Nikon F45 system	1 page	
Radio-controlled launch	1 page	
EMS	6 pages	
GPS Man Pack	1 page	
Mixed Layer Dissipation	1 page	
EM3000	2 pages	
Smart Trap	2 pages	
Portable Arctic Winch	1 page	
Batfish	2 pages	
Dolphin	12 pages	
Videograb	2 pages	
BRUTIV	1 page	
BOSS	1 page	

### **DRAWER 9**

#### **BIO**

Buildings	17 pages	
People	33 pages	
Fisheries Officer Training	9 pages	

### **DRAWER 10**

#### **Marine Organisms**

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General           6 pages  
Plankton         1 page  
Benthos (including corals)   7 pages  
Fish             21 pages  
Whales          2 pages  
Mammals        1 page  
Seabirds        1 page

**Fisheries**

36 pages

**Aquaculture**

4 pages

**Pollution**

5 pages

**Underwater Photos**

1 page

**DRAWER 11**

**Aerial Photos**

20 pages

**Scenic Photos**

17 pages

**Ice )(on ships)**

1 page

**Icebergs**

3 pages

**Lighthouses**

2 pages

**Places**

Sable Island           35 pages  
Brier Island           5 pages  
St. Andrews           1 page  
Lawrencetown         1 page  
Kuwait Institute for Scientific Research (KISR) (Feb 1990)   2 pages

**DRAWER 12**

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**Figures (maps, charts, posters, diagrams, etc.)**

23 pages

**Historical**

2 pages

**Coast Guard**

3 pages

**Boating Safety**

2 pages

**DREA Barge**

2 pages

**Tall Ships 2000**

5 pages

Prepared by Donald Gordon, DFO Emeritus Scientist