

2014-27

**Department of Plant Science, University of Alberta**  
**Some historical materials from the files of William H. Vanden Born**  
23 July 2014

1. Copies of theses of three students I supervised (the last three I still had):
  - a. M.Sc. thesis Joan Amundsen 1981
  - b. Ph.D. thesis Leonie Nadeau 1988
  - c. Ph.D. thesis Songmun Kim 1995
2. Blue photo album with research photographs by William G. Corns, from 1950 to 1960.
3. Departmental Annual Reports
  - a. First Annual Report, 1988.
  - b. Second Annual Report 1992. No reports were issued 1989 to 1991.
  - c. Research Projects 1992. Published separately from the Annual Report.
  - d. Third Annual Report, 1993. This was the last issue published.
4. *Press Bulletin* copies from 1947 to 1960. They served as publicity instruments for the department during that period.
5. Correspondence related to the film *Colour Life Green* that was produced in 1982 and broadcast on local television. The talking heads in the film were Dr. William Corns who had retired in 1979, Dr. Arthur Henry who had retired in 1962, and Dr. Art McCalla who had retired somewhere in between. They represented three generations of faculty members. I had arranged for Corns to serve as interviewer of the other two, and I was a spectator during the taping of the interview in McCalla's living room. One or more copies of the video were placed in the University Archives.
6. Department of Plant Science Newsletters March 1982, and October 1988 to December 1990. The latter Newsletter lasted just over two years.
7. Descriptive and historical information regarding the large mural painted by John Maywood on the north wall of the lounge area in the center of the fourth floor of the Agriculture-Forestry building. The mural was painted in 1982, soon after the new building was opened (1981), and illustrates the diverse research disciplines in the then Department of Plant Science, which occupied the entire fourth floor of the building.
8. The Photography folder contains:
  - a. A photo of the Ellerslie farm in 1962, soon after it was acquired by the university. Viewed from the west.
  - b. Some faculty pictures, probably from the early seventies.
  - c. More faculty pictures, all from 1988-89, used in a brochure regarding graduate study in the department.
9. Large envelop with photographs:
  - a. Several 4x5 photos with my name stamped on the back but without other identification.
  - b. Plant Science academic staff 1964. All are identified.

- c. Several old photographs with descriptive information.
  - d. Plant Science academic staff in 1928.
  - e. Aerial photo of the campus c. 1925. Published at the opening of the Tory Building in 1986.
10. Copies of the Agriculture Bulletin from 1965 and 1969. The year 1965 marked the fiftieth anniversary of the Faculty of Agriculture.
11. A series of manuscripts with history of the department or components of it. The department began its life in 1917 as the Department of Field Husbandry, two years after the establishment of the Faculty of Agriculture. After some years it became the Field Crops Department, and still later the Department of Plant Science, until the amalgamation with three other departments during the nineties.
- a. Notes on the period 1917 to 1924 by G.B. Sanford.
  - b. Notes on Plant Pathology (a 'division' within the department), by A.W. Henry. The administrative structure of four semi-autonomous divisions within the department was abolished in the early seventies but remnants of its outline remained for many years.
  - c. Notes on Plant Pathology 1962 to 1970, by William Skoropad.
  - d. Correspondence between Corns and Newton 1964, in preparation for the 50<sup>th</sup> anniversary of the Faculty of Agriculture.
  - e. History of Plant Science to 1965 by William Corns.
12. Photographs of research by William Corns, some with descriptive information.
13. Box with 13 slides, numbered in blue, whose descriptions are on the accompanying two-page list.  
Also included is a Plant Science lapel button. A number of these were produced during the 1980s, for publicity purposes. The stylized wheat spike was based on the same kind of spike in inlaid wood plaques (about 25 by 35 cm) that were given to retiring academic staff for several years.

SLIDE CATALOG PUBLIC RELATIONS COMMITTEE

December 18, 1989

see contents of box

Controlled storage of potato

- 01 Barley spikes
- 02 Wild rose
- 03 Cabbage field
- 04 Hibiscus flowers
- 05 Controlled storage of potato
- 06 Controlled storage of potato
- 07 Canola variety breeding
- 08 Field plots - canola
- 09 Canola plant with large pods
- 10 Canola plant
- 11 Canola in growth cabinet
- 12 Grass plant
- 13 Forage breeding, slender wheatgrass
- 14 Electroporation equipment
- 15 Embryo culture, slender wheatgrass
- 16 Plots (wild oats) and Michener building
- 17 Field plot
- 18 Field plots
- 19 Field plot
- 20 Field plots, aerial view
- 21 Field plots, aerial view
- 22 Field plots, aerial view
- 23 Field plots, aerial view
- 24 Field plots - wheat breeding
- 25 Field plots - Cerone on wheat
- 26 Grain bin on road
- 27 Acid-tolerant wheat
- 28 Wheat on acid soil
- 29 Rain chamber for testing sprouting resistance
- 30 Wheat spikes from rain chamber test
- 31 Seedlings on grid (from rain chamber test?)
- 32 Oat seeds
- 33 Legume seed
- 34 Grain plot tour Kenya
- 35 Plot tour crowd (Copper tolerance trials, Stony Plain)
- 36 Deformed Canada thistle (picloram - TORDON)
- 36 Briggs and field tour crowd
- 37 Field tour crowd
- 38 Briggs at field plot
- 39 Field tour crowd - Tewari
- 40 Weed tour visitors
- 41 Cattle grazing
- 42 Sheep grazing, South Africa
- 43 Range research
- 44 Range students and deer

The blue numbers on each slide correspond to this list.

The circled number on the list (in red) indicate the slides included

WMB  
24 July 20 14

→ A growth inhibitor

KG Briggs  
J P Tewari

- 45 Deer
- 46 Weather station in clear-cut
- 47 Controlled burn
- 48 Range burning - Bailey
- ✓ 49 Helicopter reseeding range
- ✓ 50 Range vegetation 2 years after burn
- 51 Range research plots
- 52 Range research plots
- 53 Range research
- ✓ 54 Diseased tree- Armillaria
- 55 EM photo of ??
- ✓ 56 EM photo of virus
- ✓ 57 Michener building and quackgrass plots
- 58 Quackgrass plots
- 59 Quackgrass plots
- 60 Weeds in small controlled-environment. chamber
- ✓ 61 Bean root response to herbicide exuded by foliage-treated plants
- 62 GLEAN injury on Netted Gem potatoes

*A. W. Bailey*  
Controlled burning

Experiments  
re chemical control.

*Slides are currently  
in a tray in my office.*

*W. B. B.*  
10-1-90