

November 13, 2020

Our File: OWA 1120

Ken Allison: Summary of Expertise

Dragonflies

Ken has conducted surveys for the endangered Rapids Clubtail (*Phanogomphus quadricolor*) along the Mississippi River in Lanark County. He has also surveyed for Odonata, along with other organisms, when involved in bio-blitzes in Murphy's Point Provincial Park and on Nature Conservancy properties in eastern Ontario. As an amateur naturalist he has studied dragonflies for many years. He is most familiar with the species that occur in eastern Ontario but has spent time looking at the group in the eastern USA and western Canada.

Ken Allison, BSc

Associate

E-mail: k.r.allison@bell.net

16-2285 St. Laurent Blvd, Ottawa, ON, K1G 4Z6

Office: 613-260-5555

Attachments: Curriculum Vitae

Ken Allison, BSc.



Ken Allison is a plant ecologist, with a strong background in seed identification and seed purity testing. Prior to his retirement in 2014, Ken has provided governing bodies with information on risks posed to Canada by weeds and risks related to weed contamination for import and export of commodities. He has been involved with several international committees (International Seed Testing Association - ISTA and the Association of Official Seed Analysts - AOSA); chairing the ISTA Purity Committee for 3 years. Ken has led the preparation of two international workshops on seed purity and seed identification during his time spent on the ISTA Purity Committee. Ken is an avid outdoorsman and as President of the Mississippi Valley Field Naturalist Club and member of the Ottawa Valley Field Naturalist Club conducts regular tours for the general public providing them with information on identifying bird and plant species. He has studied dragonflies and damselflies for many years as an amateur. He provides identifications for dragonflies, birds, plants, etc., on iNaturalist.

EDUCATION

BSc, University of Guelph, Wildlife Biology,
Guelph, Ontario, 1977

PROFESSIONAL ASSOCIATIONS

North American Plant Protection Organization
(NAPPO) Pest Risk Assessment Panel (2006 to
2012); Seed Panel (2010 to 2014)

International Seed Testing Association
[Member, Purity Committee; 1998 - 2006 (Chair
from 2001 to 2004); Member, Nomenclature
Committee 2001 to 2006; Member, Referee
Committee 2001 to 2006 ; Member, Lab
accreditation Audit Team 2003 to 2010]

Association of Official Seed Analysts (Member,
Purity Committee 2002 to 2006)

Society of Commercial Seed Technologists
(Honorary Member since 2005)

Commercial Seed Analysts' Association of Canada
(Honorary Member since 2009)

Ottawa Field Naturalists Club (Member since 1981,
vice president 2005 to 2007, president 2008 to
2009)

Mississippi Valley Field Naturalists (Member since
2009, President 2012 to 2014)

EMPLOYMENT HISTORY

Canadian Food Inspection Agency; Plant and
Biotechnology Risk Assessment Unit, Ottawa, ON,
(2008 to present)

Canadian Food Inspection Agency; Plant Health
Risk Assessment Unit, Ottawa, ON (2006 to 2008)

Canadian Food Inspection Agency; Seed Purity and
Taxonomy Unit, Ottawa, ON, Seed Herbarium
Biologist (1988 to 2006)

Canadian Food Inspection Agency; Seed
Germination and Physiology Unit, Ottawa, ON,
Seed Technician, (1985 to 1988)

Canadian Food Inspection Agency; Cultivar
Verification Method Development Unit, Ottawa, ON,
Technician, (1982 to 1985)

Canadian Food Inspection Agency; Seed Borne
Disease Unit, Ottawa, ON, Technician, (1981 to
1982)

RELEVANT PROJECT EXPERIENCE

Prepared risk assessments on plant species and assessed weed risk for import/export commodities, Canadian Food Inspection Agency, Ottawa

Providing programs/staff both within and outside of the CFIA with information pertaining to botany, nomenclature, and weed characteristics, Canadian Food Inspection Agency, Ottawa

Evaluated submissions for funding under the Invasive Species Partnership Program with Environment Canada, Canadian Food Inspection Agency, Ottawa

Involved with Seed Section staff at the Plant Health and Biosecurity Directorate in evaluating weed species for possible inclusion into the Canadian Weed Seeds Order, Canadian Food Inspection Agency, Ottawa

Curated National Seed Herbarium (~20, 000 specimens), Canadian Food Inspection Agency; Seed Purity and Taxonomy Unit, Ottawa

Provided identification services to CFIA, CBSA, RCMP, Parks, as well as seed laboratories in Canada, USA, UK and Australia, and members of the public, Canadian Food Inspection Agency; Seed Purity and Taxonomy Unit, Ottawa

Supervised technical staff in work related to maintenance of the herbarium and preparation of proficiency samples, Canadian Food Inspection Agency; Seed Purity and Taxonomy Unit, Ottawa

Directed multi-year project to create duplicates of herbarium specimens in the event of a catastrophe, Canadian Food Inspection Agency; Seed Purity and Taxonomy Unit, Ottawa

Responsible for the preparation, evaluation, and reporting of the proficiency test program of the Canadian Seed institute for all Canadian accredited seed laboratories, Canadian Food Inspection Agency; Seed Purity and Taxonomy Unit, Ottawa

Prepared annual reports for all testing done by the two government seed laboratories, Canadian Food Inspection Agency; Seed Purity and Taxonomy Unit, Ottawa

Conducted research of seed germination and vigour testing, including supervising seed analysts assisting with projects, Canadian Food Inspection Agency; Seed Germination and Physiology Unit, Ottawa

Led a team in a multi-year study to compare various methods of vigour testing of soybean seed lots, Canadian Food Inspection Agency; Seed Germination and Physiology Unit, Ottawa

Assisted with research developing new methods of identifying cultivars of crop species (soybeans, corn, barley), Canadian Food Inspection Agency; Cultivar Verification Method Development Unit, Ottawa

Conducted microbiological tests, prepared media, and grew plants for inoculation, Canadian Food Inspection Agency; Seed Borne Disease Unit, Ottawa

Assisted in the development of new varieties of triticale including crosses in the growth room and supervising summer crews conducting field trials, University of Guelph, Guelph

Assisted with study involving effects of bird damage on field corn, University of Guelph, Guelph

Dragonflies – Odonata

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