

Curriculum Vitae of Rimvys Vasaitis (September 2015)

1. General info

Name: Rimvys Vasaitis

Date of birth: 1963-07-25

Degrees:

PhD in Forest Protection (1989) St.Petersburg Forest Technology University. Thesis: “Wound decay in stands of *Picea abies* associated with logging damage and bark stripping”

PhD in Forest Pathology (1998) Swedish University of Agricultural Sciences (SLU). Thesis: “Ecology of fungi colonizing wounds of *Picea abies* with special emphasis on *Stereum sanguinolentum*”

Docent: 2009 (Swedish University of Agricultural Sciences)

Current employment: researcher & forest pathologist, Dept. of Forest Mycology & Pathology, SLU

Previous appointments:

1986-1989: PhD student, St.Petersburg Forest Technology Academy, Russia

1989-1992: researcher, Lithuanian Forest Research Institute

1992-2001: assistant professor, then docent, Lithuanian University of Agriculture

1999-2001: post-doc, Dept. of Forest Mycology & Pathology, (SLU).

2001-2009: researcher

Since 2010: current appointment

Expertise: forest health and protection, silviculture

2. Acquired competitive Project Grants (main applicant and project leader)

A. Research council funds

A1. *Foundation:* Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (FORMAS). *Project title:* “Genetic diversity in wood-decay fungi: large-scale biocontrol organism in managed stands versus endangered species in fragmented habitats” (Dnrs 23.1/2001-2657 & 23.1/2003-0523). *Duration:* years 2002-2005. *Budget:* 330 000 €

A2. FORMAS, “Community dynamics of blue-stain fungi colonising spruce in areas affected by the storm of January 2005” (Dnrs 239 – 2005-506 & 230 – 2005-1643), 2005-2011, 206 000 €

A3. Nordic Forest Research Co-operation Committee (SNS), “Decline of *Fraxinus excelsior* in northern Europe” (SNS-109), 2010-2012, 150 000 €

A4. FORMAS, “Restoration of European noble hardwood ecosystems devastated by alien invasive fungi: focus on ash and elm” (Dnr 239-2014-68: planning grant for Horizon 2020), 2015, 11 000 €

B. European Union funds

- B1. European Commission (EC), Marie Curie Actions, “Management of coastal forests of Lithuania: sustaining and enhancing forest health through silviculture (LITCOAST)” (MTKI-CT-2006 – 042622), 2006-2010, 375 000 €
- B2. EC, COST Office, “*Fraxinus* dieback in Europe: elaborating guidelines for sustainable management (FRAXBACK)” (COST Action FP1103), 2012-2016, 850 000 €
- B3. EC, LIFE+ Nature, “Saving wooded Natura 2000 habitats from invasive alien fungi on the Island of Gotland, Sweden” (ELMIAS) (NAT/SE/001139), 2013-2018, 473 629 € (project coordinated by Swedish Forest Agency with separate budget)

C. Private Foundations

- C1. Stiftelsen Oscar & Lilli Lamms Minne (LAMSKA), “The decline of *Fraxinus excelsior* in Sweden: causal organisms, their biology and ecology”, 2007-2008, 5000 €
- C2. Carl Tryggers Stiftelse för Vetenskaplig Forskning (CTS), “title as above” (CTS 06:478), 2007-2010, 25 000 €
- C3. CTS, “Genetic relationships and phylogeny in *Laetiporus sulphureus*” (CTS 08:401), 2009-2012, 10 000 €
- C4. LAMSKA, “Biology and control of Dutch elm disease in Gotland”, 2011-2014, 240 000 €
- C5. CTS, “title as above” (CTS12:522), 2013-2015, 43 000 €

D. State Agencies

- D1. Swedish Energy Agency (STEM), “Stump removal in clear-felled forest areas – impact on root rot and fungal diversity” (Dnrs 2006-03537 & 2006-05276), 2006-2009, 310 000 €
- D2. Swedish Univ. Agr. Sci. (SLU), “Stump harvesting and environmental consequences”, (Dnr SLU ua 51-440/08), 2009-2011, 60 000 €
- D3. Swedish Institute (Si), “Forest regeneration and sustainability at the forest/steppe border, aimed to control desertification in Ukraine”, 2009-2011, 83 000 €
- D4. Swedish International Development Cooperation Agency (SIDA), “Swedish – Russian collaboration in forest protection”, 2009-2012, 36 000 €
- D5. Swedish Foundation for International Cooperation in Research and Higher Education (STINT), “Facing challenges to forest health imposed by climate change and globalization”, 2010-2014, 123 000 €

3. Accomplished evaluations

Referee for over 50 manuscripts in following 38 Web of Science impact factor journals:

Forest Pathology; FEMS Microbiology Letters; South African Journal of Science; Baltic Forestry; Scandinavian Journal of Forest Research; Silva Fennica; Forest Ecology & Management; New Phytologist; Mycologia; Plant Disease; Journal of Phytopathology; Mycotaxon; Antonie van Leeuwenhoek; Canadian Journal of Forest Research; Fungal Ecology; Journal of Environmental Management; Folia Microbiologica; Revista Chilena de Historia Natural; Ecological Research; Australasian Plant Pathology; Biological Control; Microbial Ecology; European Journal of Forest Research; African Journal of Biotechnology; Annals of Applied Biology; Mycorrhiza; Applied Soil Ecology; Plant Protection Science; European Journal of Plant Pathology; New Zealand Journal of Forestry Science; Forestry (Oxford); Annals of Forest Science; Animal Biodiversity & Conservation; PLOS One;

Arboriculture & Urban Forestry; Ecosystem Health & Sustainability; Fungal Biology; Plant Pathology

Grant proposals for

- **Lithuanian State Foundation for Science and Studies:** 11 projects (budgets 200-340 €)
- **Czech Science Foundation:** 7 (30-220 €)
- **Department for Environment, Food & Rural Affairs (DEFRA), UK:** 2 (over 700 000 € each)
- **European BiodivERsA Call** (year 2013)
- **National Research Foundation, South Africa:** 2 (15 000 €each)

Doctoral theses

Jens Levenfors (2003) “Soil-borne pathogens in intensive legume cropping – *Aphanomyces* spp. and root rots”. Swedish Univ. Agr. Sci., Uppsala.

Jiri Kout (2009) “Research of polypores focused at the population structure of selected species”. University of South Bohemia, Ceske Budejovice

Thomas Kirisits (2009) “Studies on ophiostomatoid fungi causing Dutch Elm Disease and blue-stain”. University of Natural Resources and Applied Life Sciences, Vienna

Reports

Dept. for Environment, Food & Rural Affairs (DEFRA), UK: “Pest Risk Assessment on ash dieback pathogen *Chalara fraxinea*”

5. Supervising

PhD students (Swedish Univ. Agr. Sci)

Vaidotas Lygis. “Root infecting fungi in conifer plantations in Lithuania: biology and management”. Thesis No. 2005:4

Audrius Menkis. “Root associated fungi of conifer seedlings and their role in afforestation of agricultural land”. Thesis No. 2005:106

Natalija Arhipova. “Heart rot of spruce and alder in forests of Latvia: impact and possibilities for silvicultural control”. Thesis No. 2012:49

Remigijus Bakys. “Dieback of *Fraxinus excelsior* in Baltic Sea region: associated fungi, their pathogenicity and implications for forestry”. Thesis No. 2013:10

Inga-Lena Östbrant. “Biology and control of Dutch elm disease in Gotland”, ongoing project

(assistant supervisor of six other PhD students, all defended)

7. Other

COST

- Chair & GrantHolder of FP1103 Action “*Fraxinus* dieback in Europe”, 2012-2016

- WG4 Leader in FP1002 Action “Pathway evaluation and pest risk management”, 2010-2014

IUFRO & SNS

- Coordinator of IUFRO WP7.03.04 “Diseases and insects in forest nurseries”, 2009-2014
- Organizer of joint IUFRO WP7.03.10 (Methodology of forest insect and disease survey) & WP7.03.06 (Integrated management of forest defoliating insects) meeting, Palanga, Lithuania, September 2012
- Organizer of joint IUFRO WP7.03.01 (Cone and seed insects) & WP7.03.04 (Diseases and insects in forest nurseries) meeting, Vilnius, Lithuania, September 2012
- Organizer of two SNS Meetings of Nordic – Baltic forest pathologists: Palanga, Lithuania, September 2009, and Uppsala, September 2011

Invited speaker

1. 7th International Mycological Congress, Oslo, August 2002
2. Stakeholder seminar, Latvian Forest Research Institute, Riga, January 2006
3. 23rd International Congress of Entomology, Durban, July 2008
4. SNS FoRisk Meeting / International Conference, Umeå, August 2008
5. Invited seminar, Korean National Institute of Biological Resources, Incheon, October 2008
6. NordGen Forest Working Group Meeting, Uppsala, August 2011
7. 59th Western International Forest Disease Work Conference, USDA Forest Service, Leavenworth, Washington, October 2011 (two keynote talks)
8. European Conference of Arboriculture, Turin, May 2014
9. COST FA1103 Action Workshop, Izmir, November 2014