

Curriculum Vitae



Kristopher Robert Kupsch

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Educational Qualifications: Bachelor of Science
(James Cook University, Cairns)

Double Major

- Botany
- Rainforest Science
- Certificate IV in Horticulture
(University of Queensland, Gatton)

CAREER OBJECTIVE

It is my career objective to increase the community's appreciation of Australia's unique ecosystems and strive to collaborate in landscape conservation projects. I'm currently requiring a position which enables me to gain increased skills in order to achieve major outcomes and associate with specialised persons within this field, especially those persons skilled in flora and fauna management. My main interests are to help preserve large self-sustaining tracts of ecosystems within the subtropical and tropical regions of Australia. Ultimately, I'm determined to be an authority in landscape ecology with notable skills relating to botany, species life-history traits, indicators of environmental integrity, pest-biology and most importantly to be an effective communicator to relay these skills. From experience in teaching, I yearn for a career that not only educates oneself but also allows my knowledge and enthusiasm to advantage others.

I have twenty years of field experience within the tropics of Queensland and the Tweed-Byron caldera region of New South Wales. My field experience coupled with my professional aptitude of in-office report writing and research has provided me with a succinct summary of Australia's wildlife and associated ecosystems. Due to my practical knowledge of both subtropical and tropical Australia I have an innate interest in landscape variability and how this affects the biogeography of species. I therefore have researched both flora and fauna from contrasting regions and compared those districts to the larger awareness of landscape function and habitat complexity. I yearn for a career that allows me to undertake both practical and innovative environmental projects that are aimed at producing rewarding outcomes in the form of landscapes that preserve native species whilst catering for humanities needs.

■ Education and Employment History

Education

- 1996-1997: Certificate IV, Horticulture, University of Queensland, Gatton
- 2001: Certificate IV in Tertiary Preparation, TAFE, Murwillumbah
- 2002–2004: Bachelor of Science, Botany & Rainforest Science, JCU, Cairns

Employment and volunteer history

- *July 2008 – current*
Botanist and ecologist for BIOLINK, Murwillumbah
Flora and Fauna surveys, Ecological Impact Reports and Habitat Mapping.
- *March 2007*
Guest presentation for TREES FOR EARTH P/L, Bellthorpe
Presented a PowerPoint presentation titled 'Improving the Ecological Integrity of Degraded Landscapes - Specifically on Private Lands'. Further information www.biotropica.com.au/whatsNew.html
- *May 2006*
Volunteer field assistant for JAMES COOK UNIVERSITY, Cairns
Field assistant for subject BZ2450:03 Plants and Animals in Tropical Australia.
- *March 2006 – July 2008*
Botanist and environmental scientist for BIOTROPICA AUSTRALIA, Tarzali
Vegetation surveys and Regional Ecosystem appraisals, Environmental & Property Management Plans, Environmental Impact Assessments (EIA), Industry Environmental Training, Herbarium Development, Environmental Offset recommendations, Weed Management Plans, Revegetation Plans and on-ground implementation, Project budgets and applications, R&D of Australian Native Food Plants & GIS mapping.
- *April 2005 – September 2005*
Botanist and environmental scientist for PLANIT CONSULTANCY, Surfers Paradise
Vegetation surveys and Regional Ecosystem appraisals, Threatened species management plans, Open space management plans (OSMP), Landscape plans, Weed surveys, Environmental management plans, Fauna surveys (nocturnal visuals and Anabat playback).
- *February – March 2005*
Teaching for ADULT COMMUNITY COLLEGE, Murwillumbah
Managed a PowerPoint course with 12 students over 4 weeks. Topic was 'Rainforest Plant Identification and Cultivation'. The course was followed by a full day field excursion.
- *January 2005*
Botanical Survey for CONSERVATION VOLUNTEERS AUSTRALIA, Cairns
Report and Botanical Survey for "Natural Areas Management Plan for Holloway's Beach"
Species lists and comments are available on www.hollowaysbeach.com/coast_care.htm
- *September 2004*
Volunteer guest presentation for FRESHWATER CREEK LANDCARE, Cairns
Provided a morning walk and discuss event highlighting revegetation strategies and weeds to control.
- *August 2004*
Volunteer field assistant for the ROYAL BOTANIC GARDENS, Sydney
Escorted Dr Maurizio Rossetto and Dr Darren Crayn to a number of *Elaeocarpus* populations in the Wet Tropics to obtain germplasm samples for a larger Elaeocarpaceae genetics project.
- *August 2004*
Field presenter for AMERICAN TROPICAL FLOWERS AND TREE SOCIETY, Florida
Provided scheduled talks over three days about plants of the Wet Tropics bioregion.
- *2004 (one day per week)*
Volunteer herbarium assistant for CSIRO, TROPICAL FOREST RESEARCH CENTRE, Atherton
Herbarium cataloguing, specimen mounting and field assistant to Andrew Ford & David Christophel
- *January 2003 – current*
Volunteer leader of SOCIETY FOR GROWING AUSTRALIAN PLANTS – Rainforest Study Group
Compile quarterly newsletters and attend national talks on the cultivation and ecology of native plants. Liaise with academics and manage a membership subscription database and bank account.
- *December 2002*
Field material collection for CENTRAL QUEENSLAND UNIVERSITY, Rockhampton
Collection of *Davidsonia pruriens* germplasm and associated root fungi from various populations within the Wet Tropics for an Honours research project.

- *December 2002 – February 2003*
Botanical report for NSW NATIONAL PARKS AND WILDLIFE SERVICE, Coffs Harbour
Report and field mapping of species listed within the *Threatened Species Conservation Act 1995* and/or *Environment Protection and Biodiversity Conservation (EPBC) Act 1999* throughout the Tweed-Byron area, Liaison with 29 separate landowners and mapping of species with relevant site specific comments.
- *August 2002*
Volunteer field assistant for PhD student JAMES COOK UNIVERSITY, Cairns
Collection of skinks for research into their microhabitat separation and ecomorphology (saxicoline skinks).
- *July 2002*
Volunteer guest presentation for MALANDA HIGH SCHOOL, Malanda
Provided a talk to year 11 students about important aspects of the Wet Tropics Bioregion.
- *March 2002*
Volunteer botanical survey for JAMES COOK UNIVERSITY, Cairns
Flora survey of strategic permanent plots within the Smithfield Conservation Park and Half Moon creek.
- *January-March 2002*
Botanical survey for BURRENBAR-MOOBALL LANDCARE GROUP, Burringbar
Surveyed 8km of Burringbar Creek and compiled a species list and report with 30 sections and individual recommendations for each. Much liaison with landowners was undertaken.
- *November 2001*
Volunteer guest presentation for SEVENTH DAY ADVENTIST HIGH SCHOOL, Murwillumbah
Provided a talk on the Tweed Valley Aboriginal history and bushfood's for year 12 students.
- *July 2001*
Botanical survey for ADCOCKS VALLEY LANDCARE GROUP, Stockers Siding
Compiled a flora survey and rehabilitation strategy document for the Adcock's Valley Landcare Group.
- *March- April 2001*
Volunteer field assistant for SOUTHERN CROSS UNIVERSITY, Lismore
Escorted a scientist and a University honours student to various locations of the Endangered *Davidsonia johnsonii* to collect samples for a population genetics project.
- *April 2001-December 2001*
Teaching for ADULT COMMUNITY COLLEGE, Murwillumbah
Managed two courses on 'Rainforest Plant Identification and Cultivation' and another subject on 'Growing and Identifying Bushfood Plants of the Tweed'. Each course was followed by a full day field excursion.
- *December 2000*
Guest presentations for WOODFORD FOLK FESTIVAL, Woodford
Provided 6 x 1 hour PowerPoint talks and guided walks on the vegetation of the Woodford Folk Festival site.
- *March 2000-July 2000*
Nursery hand for CAIRNS NATIVE PLANTS, Cairns
- *July 1998 – November 1999*
Nursery hand for LIMPINWOOD GARDENS NURSERY, Limpinwood, via Chillingham
- *April 1998 & November 1999*
Volunteer field assistant for CENTRE FOR TROPICAL RESTORATION, Lake Eacham
Seed collecting, tree planting, site preparation, plant identification and open-day assistance.
- *1995 (granted 100 hours)*
Ecosystem restoration for NSW NATIONAL PARKS AND WILDLIFE SERVICE, Coffs Harbour
Weed removal, tree planting and species surveys around two endangered (EPBC/NCA) species *Elaeocarpus williamsianus* and *Davidsonia johnsonii*.
- *November-December 1994*
Nursery hand for YURUGA NURSERY, Walkamin
- *March 1992 – December 1995*
Nursery hand for BURRENBAR RAINFOREST NURSERY, Burringbar
- *February 1989 – March 1990*
Nursery hand for INCANA NURSERY, Burringbar
- Ooray Orchards is a commercial small business I started in 1999, producing native fruits.
- Botanic Gardens Nursery (www.botanicgardensnursery.com) is a small nursery that I manage.
- Burringbar Botanic Gardens (www.anbg.gov.au/chabg/bg-dir/burringbar-botanic-garden.html) is privately operated by myself and was initiated in 1993.

■ Awards

- Academic Excellence at Mount Saint Patrick's Regional High School for:
 - First in Year 11 Agriculture and Geography, and
 - Academic Merit in Year 10 for "Outstanding Geography Assignment on Native Plants".

■ Additional Competencies

- Working knowledge of computer programs ESRI ARCGIS 9.1 & GPS Trimble and Garmin devices, SPSS student version, Microsoft Word, Excel, PowerPoint, various multiple entry botany keys, proficient typing and editing skills
- Queensland Drivers & Motorbike Licence
- Senior First Aid Certificate (expires mid 2010), Resuscitation component updated May 2008.
- Certificate in Workplace Training; Train Small Groups
- 4WD and Vehicle Recovery Training
- 30215 QLD General Safety Induction (Construction Industry)
- EECL Generic Contractor Induction (ERGON)
- Electrical Awareness for Safe Working Near Exposed Parts Training (ERGON)
- Cultural Heritage Management Training (ERGON)
- Regional Ecosystem Training (Queensland Herbarium, Brisbane)
- Working knowledge of *Nature Conservation Act 1992 (Nature Conservation (Wildlife) Regulation 2006)*, *Environment Protection and Biodiversity Conservation Act 1999*, *New South Wales Noxious Weed Act (1993)*, *Vegetation Management Act (1999)*, *Land Protection (Pest and Stock Route Management) Act 2002*, *FNQLGPPAC Regional Pest Management Plan* and *Weeds of National Significance (WONS)*.
- Experience in aerial surveys of vegetation and environmental attributes using Helicopters and Light Aircraft

■ Publications

- Crayn, D and Kupsch, K (2007) Elaeocarpaceae in Australia. *Journal of Australian Plants*, 23: 339-371

■ Published Acknowledgements for Technical Assistance

- Ford AJ, Craven LA, Brophy JJ. (2005). *Backhousia enata* A.J.Ford Craven & J.Holmes (Myrtaceae) a new species from north-eastern Queensland. *Austrobaileya*. 7: 121-127.
- Department of Environment and Conservation (DEC) NSW NPWS (December 2004)
Recovery plan for *Davidsonia johnsonii* (Smooth Davidsonia)
www.environment.gov.au/biodiversity/threatened/publications/pubs/d-johnsonii.pdf
- Department of Environment and Conservation (DEC) NSW NPWS (February 2004)
Recovery plan for *Davidsonia jerseyana* (Davidson's Plum)
www.environment.gov.au/biodiversity/threatened/publications/recovery/d-jerseyana/pubs/d-jerseyana.pdf
- Department of Environment and Conservation (DEC) NSW NPWS (February 2004)
Draft Recovery plan for *Elaeocarpus williamsianus* (Hairy Quandong)
www.nationalparks.nsw.gov.au/PDFs/recoveryplan_draft_elaecarpus_williamsianus.pdf
- Nand, N. Drew, R. Ashmore A, Peace, S (2005) Genetic diversity between three species of Davidsonia - the Australian Native plum. *International Society of Horticultural Science*

Referees

Ms Tania Simmons (former) Director Biotropica Australia P/L P.O. Box 504, MALANDA, 4885 ☎ (07) 4060 3487	Associate Professor (Dr) Betsy Jackes Adjunct Associate Professor James Cook University Townsville Campus, Douglas ☎ (07) 4781 4574 Email: betsy.jackes@jcu.edu.au
Mr Mathew Kilby Director of Trees for Earth www.treesforearth.com.au ☎ 0418 654 231 Email: matt@treesforearth.com.au	Mr Rigel Jensen Botanist for Australian Wildlife Conservancy P.O. Box 434 MALANDA 4885 ☎ (07) 4096 5683 Email: rigel@qld.chariot.net.au
Mr Andrew Ford Botanist CSIRO Sustainable Ecosystems PO Box 780 ATHERTON QLD 4883 ☎ (07) 4091 8823 Email: andrewford@csiro.au	Mr Anton Van Der Schans Assistant Director (Horticulture) Gardens by the Bay Project, National Parks Board, Singapore ☎ (+65) 6557 9139 Email: Anton_VAN_DER_SCHANS@nparks.gov.sg

THANKYOU FOR READING MY RESUME