

Curriculum vitae - David Thomas

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Member of Ecological Consultants Association

Areas of Expertise

- vegetation survey, assessment & mapping
- preparation of management plans for natural areas
- bushland reconstruction, rehabilitation & regeneration planning

Employment History

Environmental Consultant (1994 to present)

- *Locations of Vegetation Surveys & Assessments* (as at June, 2003):

Northern Sydney

Bayview, Beacon Hill, Beecroft, Belrose, Buffalo Creek, Castle Cove, Castle Hill, Cheltenham, Church Point, Cowan, Cromer, Denistone, Duffys Forest, Dural, Eastwood, Epping, Glenorie, Gordon, Hornsby, Killara, North Epping, Palm Beach, Ryde (various), St. Ives, Shrimptons Creek, Brush Farm Park), Sydney Harbour NP, Terrey Hills, The Spit, Turramurra, Warriewood, West Pennant Hills, Willoughby

Western Sydney

Agnes Banks, Airds, Auburn LGA, Austral, Badgerys Ck, Berkshire Park, Blacktown, Cattai, Chullora, Doonside, Eastern Creek, Fairfield, Granville, Green Valley, Hoxton Park, Kellyville, Kemps Creek, Kingswood, Kurrajong, Kurmond, Leacock Regional Park, Lidcombe, Marayong, Marsden Park, Milperra, Mt Druitt, Newington, Nth Parramatta, Prestons, Prospect Reservoir, Quakers Hill, Riverstone, Rooty Hill, Rouse Hill development area, Rydalmere, St. Marys, Scheyville NP (part), Schofields, Seven Hills, Villawood, Warragamba, Wedderburn, Werrington

Southern & Eastern Sydney

Alfords Point, Bondi Junction, Calsil Dune (Kurnell), Centennial Park, Coogee, Cronulla, LaPerouse, Matraville, Menai, Menangle, Narellan, Smiths Creek, Voyager Point, Vacluse, Wedderburn, Woronora

Illawarra

American Creek, Avon Water Catchment Area, Bellambi Colliery (Woronora Water Catchment Area), Berkeley, Blue Angle Creek (Gerroa), Bulli Pass, Cataract Water Catchment Area, Cordeaux Heights, Farmborough Heights, Minnamurra, Royal NP, Mt. Keira, Mt. Kembla, Spring Creek (Kiama), Stanwell Tops, Toolijooa, West Dapto, Wilton

Blue Mountains

Bell, Glenbrook-Blackheath, Lapstone, Lawson-Nth Katoomba, Megalong Valley, Springwood, Wentworth Falls, Woodford

Country NSW

Bargo, Brisbane Water NP, Glen Innes, Gosford-Port Stephens, Green Point (Lake Macquarie), HMAS Albatross (Nowra), Hunter Valley (Pokolbin-Scone), Iluka, Kincumber, Lake Munmorah, Menangle Park, Mt Penang, Nattai, Joorilands, Patonga, Picton, Singleton, Tahmoor, Taree, Tuncurry, Werriberri/The Oaks/Oakdale, Woy Woy, Yuragir NP

• *Vegetation Mapping* (of plant community, &/or bushland condition)

Prospect	Eastern Creek
Upper sections of creeks in Fairfield LGA	Singleton Army Training Area
Ryde LGA	Newington
Leacock Regional Park, Casula	Green Point, Lake Macquarie
Taree LGA (eastern half)	Sydney Harbour NP
Flat Rock Ck, Willoughby	Woronora (for DCP)
Voyager Point/Pleasure Point, Kemps Ck and Bonds Ck (in Liverpool LGA)	
Nth Katoomba	Carlton Stud, Picton
Wentworth Falls	Werriberri & Nattai Catchments

• *Management Plans* (including site and impact assessment)

Duffys Forest	Prestons	
Wilton sandstone quarry	Denistone Catchment (Ryde City Council)	
Kemps Ck	Camden Airport	Hoxton Park Airport
In part:	Prospect Reservoir recreational use	
	Flat Rock Ck, Willoughby	Stonequarry Ck, Picton

- ***Bushland Rehabilitation Planning and related work***
 - Eastern Suburbs Banksia Scrub at Bondi Junction
 - Chullora railway yards bushland corridor
 - City of Lithgow
 - Blue Mountains sewage treatment plants rehabilitation
 - Eastwood; planning & supervision of rehabilitation of railway embankment for City-Rail, and worksites in Brush Farm Park
 - Bush regeneration at Royal National Park and Dee Why
 - Leader of LEAP (Land Care & Environmental Action Program) team (bush regeneration training component) at Ryde Hospital bushland & Prospect Reservoir
 - Plant selection for rehabilitation work for M2 motorway, quarry at Cattai, Lambert - Park, Eastwood and part of Olympic site, Homebush Bay
 - Nth Ryde - Epping; identification of soil conditions/types for topsoil storage (for later rehabilitation) during M2 road construction

- ***Other Work:***

Member of Flora Team, Western Sydney Biodiversity Survey, NPWS (1996)

Contract botanical survey for NPWS for: Bargo, Gosford-Port Stephens-Upper Hunter, and Illawarra, Warragamba and Western Sydney mapping surveys

Preparation of Species Impact Statements for sites at Prestons, Bondi Junction, Belrose and Green Valley

Tree surveys for proposed residential developments at Berowra, Carigbar, Coogee, Eastwood, Epping, Nth Epping, Hornsby, Killara, Turramurra, Waitara, West Pennant Hills

Royal National Park - investigation of possible effect of vegetation on road accident

Peer review of vegetation surveys near Murwillumbah and at Darling Mills Ck, Baulkham Hills; Voyager Point, Liverpool; Upper Blue Mountains

Environmental Officer, Sydney Water (1989-1994)

Vegetation surveys throughout Board's area of operations

Plant community mapping and description of Katoomba & Blackheath Water Catchment Areas, & Prospect Reservoir

Preparation & supervision of revegetation & landscape plans for Prospect Reservoir

Supervision of field work for 96 students involved in a six month environmental training program (LEAP)

Selection and project management of bushland restoration projects (Sydney, Illawarra, & Blue Mountains)

Environmental assessment of potential impact of proposed construction works on bushland - including preparation of reviews of environmental factors

Advice on construction site management & restoration

Preparation of environmental management plan for Prospect Reservoir (1989) & later update *Prospect Reservoir Landuse & Environmental Management Plan* (1993)

Publication: *Rainforest Conservation Status in the Metropolitan and Woronora Catchment Areas*. 1990. Water Board - Sydney, Blue Mountains, Illawarra.

Previous work in engineering:

Pumping Engineer (Water Board, 1979-1989)

Technical Inspector (Dept. Labour & Industry, 1977-1978)

Refrigeration/Air Conditioning Mechanic (Royal North Shore Hospital, 1976)

Marine Engineer (Australian & overseas shipping companies, 1969-1976, 1978)

Qualifications & Training

Uncompleted BSc. (University of New England)

Biology	Geography
Identification of Australian Plants	Earth Mapping Technology
Aquatic Ecology	Pollination Biology
Ecology of Disturbed Communities	Australian Rainforests
Plant-Microbe Interactions	

Bush Regeneration Certificate TAFE, 1994

First Class Certificate of Competency for Steam & Motor Ships - Ministry of Shipping & Transport, 1974, 1977

Marine Engineering Technology Certificate, TAFE, 1969

Fitting & Machining Apprenticeship, Associated Steamships P/L, 1966-8

NSW Leaving Certificate (Matriculation), 1965

Personal Data

Date of Birth: 27 May, 1948

Citizenship: Australian

Interests: Family, steam machinery, gardening, bushwalking