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Mr Andrew Hanna
State Wide Planning Pty Ltd
5-7 Charles St, Parramatta
NSW 2124

Dear Mr Hanna

Re: Flora and fauna survey of the 181 James Ruse Drive, Camellia property, Parramatta, NSW (see Figs. 1-5)

During the afternoon of 1 August 2011 I undertook a flora and fauna survey of the above mentioned property. This site has been deserted and to be remediated of contaminated material. Consequently since most of the site has been factories and parking areas, there is very little in the way of native flora and fauna species. Most if not all of the remaining trees have been planted on the site in the past as part of landscaping. Much of the site is overgrown by various weed species. The site is not hospitable for native amphibians, reptiles or mammals. A night survey was not required for this site as it is highly degraded and most unlikely to harbour any nocturnal native animals. Materials and methods used in this survey are outlined at the end of this report.

Flora

Native species

Acacia decurrens (Mimosaceae), *Melaleuca quinquenervia*, *Tristaniopsis laurina* (Myrtaceae), *Notelaea longifolia* (Oleaceae), *Microlaena stipoides* (Poaceae), *Cyperus gracilis* (Cyperaceae), *Pittosporum undulatum* (Pittosporaceae), *Eucalyptus eximia*, *E. parramattensis*, *E. tereticornis*, *E. citriodora*, *E. microcorys*, *Eucalyptus* sp. (Myrtaceae), *Avicennia marina* (Avicenniaceae), *Casuarina littoralis* (Casuarinaceae), *Grevillea robusta* (Proteaceae), *Ficus macrocarpa* (Moraceae).

Introduced (weed) species

Foeniculum vulgare (Apiaceae), *Viburnum* sp. (Caprifoliaceae), *Acetosa sagittata* (Polygonaceae), *Brassica rapa* (Brassicaceae), *Genista monspessulana*, *Vicia angustifolia* (Fabaceae), *Solanum* sp. (Solanaceae), *Dichondra repens* (Convolvulaceae), *Cassia cotuleioides* (Caesalpiniaceae), *Ageratina adenophora*, *Bidens pilosa*, *Cirsium vulgare*, *Senecio madagascariensis*, *Sonchus oleraceus*, *Taraxacum officinale* (Asteraceae), *Chloris gayana*, *Cordateria selloana*, *Cynodon dactylon*, *Erharta erecta*, *Eragrostis curvula*, *Paspalum dilatatum*, *Pennisetum clandestinum*, *Rhynchelytrum* sp., *Setaria gracilis*, *Sporobolus elongatus*, *Stipa* sp. (Poaceae), *Ligustrum lucidum*, *Olea europaea* (Oleaceae), *Lantana camara* (Verbenaceae), *Araujia hortorum* (Apocynaceae), *Plantago lanceolata* (Plantaginaceae), *Cinnamomum camphora* (Lauraceae), *Sida rhombifolia* (Malvaceae), *Verbena bonariensis* (Verbenaceae), *Cotoneaster glaucophyllus*, *Rubus fruticosus* (Rosaceae), *Cinnamomum camphora* (Lauraceae), *Ipomoea* sp. (Convolvulaceae), *Nerium oleander* (Apocynaceae), *Salix* sp. (Salicaceae), *Morus* sp. (Moraceae). .

Fauna

Birds - Pigeon (*Columba domestica*, Columbidae)
Kookaburra (*Dacelo novaeguineae*, Alcedinidae)
Blue Fairy Wren (*Malurus splendens*, Maluridae)

No native amphibians, reptiles or mammals were detected.

Comments

The surveyed site is mostly composed of weeds and planted trees, many of which have germinated since the site was abandoned. There are a number of weedy trees as well as herbaceous weeds on the site (see Figs. 2-5). Most of the site has bitumen/cement coverage (see Fig. 5). The site is a hostile environment to native animals and even birds were found to be scarce there.

None of the plants detected are threatened species under the NSW Threatened Species Conservation Act (1996). There are also no native plant communities remaining on or near the site except for the association of mangroves (*Avicennia marina*, Avicenniaceae) along the Parramatta River. This mangrove community is outside the site boundary.

As far the flora and fauna concerned, it is my professional scientific opinion that the site does not provide habitat for any endangered species of fauna. There are no endangered plant species present either. Under the NSW Threatened Species Conservation Act (1996), a 7-part Test of Significance is required if the consultant or a proponent believes that a threatened species, population or ecological community will be affected by the development. In this case, there are no threatened species on site and none are therefore likely to be affected by the development proposal. Therefore 7-part Tests of Significance are not required.

Therefore I can see no impediments based on flora and fauna issues for the development of the site as proposed.

I am, Yours faithfully

Trevor J. Hawkeswood

(Dr Trevor J. Hawkeswood)

(4 August 2011)

(Arborist, Botanist, Zoologist and Environmental Scientist)



Fig. 1. Plan of the surveyed site at 181 James Ruse Drive, Camellia, Parramatta, NSW.



Fig. 2. View looking to the south showing scattered planted trees and bare grassy areas on the surveyed site.
(Photo: T.J. Hawkeswood).



Fig. 3. View looking to the north showing scattered planted trees and bare grassy areas (asphalted) on the surveyed site. (Photo: T.J. Hawkeswood).



Fig. 4. View looking to the north-east showing grassy areas on the surveyed site (grass is the introduced *Pennisetum clandestinum*, Poaceae). (Photo: T.J. Hawkeswood).



Fig. 5. View looking to the north-east showing scattered planted trees and bare grassy areas on the surveyed site. (Photo: T.J. Hawkeswood).

Materials and Methods and References

a. Materials and methods

Methods for assessing and documenting the flora and fauna follow those listed in my previous environmental reports (viz. Hawkeswood, 2003-2006) and as outlined below. Various horizontal and longitudinal transects were undertaken within the surveyed area. Plants were listed in note books as the transects were walked and any unidentified or taxonomically difficult species were collected for further study and identification. Important floristic references used to verify/identify plants collected from the study site include the following: Anderson (1936), Auld & Medd (1992), Baker et al. (1985), Beadle et al. (1981), Benson & Howell (1990a), Bishop (1995), Blombery (1955, 1986), Brooker & Kleinig (1990), Burbidge (1966a,b), Burbidge & Gray (1970), Carolin & Tindale (1993), Child (1968), Costermans (1981), Cunningham et al. (1981), Fairley & Moore (1989), Harden (1990,1991,1992,1993), Jones (1988), Jones & Gray (1988), Lamp & Collett (1989), Lamp et al. (1990), Macoboy (1981), Macoboy & Blombery (1975), Nicholls (1969), Parsons (1971), Parsons & Cuthbertson (1992), Robinson (1991) & Rotherham et al. (1975).

Hand searches for reptiles were undertaken in prospective hiding sites, such as under bark, under rocks, fallen branches or refuse such as cardboard or plastic sheets, inside and under logs and up trees. Generally field research and methods followed those reported in my other reports concerning reptile surveys (viz. Hawkeswood, 2003-2005). Reptiles which were caught for identification/verification were identified using the key of Cogger (1996) as well as photographs and other data in the following references: Bustard (1970), Cogger (1996), Frauca (1973), Greer (1990), Griffith (1997), Hoser (1989), Jenkins & Bartell (1980), Schmida (1985), Swan (1990), Wilson & Knowles (1988 and Worrell (1963).

Hand searches of potential frog refuge areas were undertaken during daylight hours. This involved searching through the vegetation alongside any area of water retention, upending large rocks or pieces of building rubble and other refuse (if present), rolling over logs, fallen branches or mats of vegetation and checking under any piece of ground cover which could serve as a frog refuge area. References used to identify/verify frogs included the following references: Anstis (1975), Barker & Grigg (1977), Brooks (1983), Clyne (1969), Cogger (1960, 1962, 1972, 1996), Griffith (1997), Hoser (1989), Kinghorn (1944), Kreft (1865), Moore (1957, 1961), Robinson (1998), Tyler (1982, 1992, 1994).

Birds were observed by unaided eye during the day during the observation period. Birds were identified/verified using the following references: Cayley (1986), Forshaw (1992), Frith (1982), Macdonald (1980), Rowley (1975), Simpson & Day (1993), Slater (1983a,b).

Mammals were detected by checking for claw marks on smooth-barked trees and by searching for droppings on the ground. References used to check field determinations are as follows: Cronin (1991), Hall & Richards (1979), Ride (1970), Strahan (1983, 1992, 1996) and Triggs (1997).

b. References

Adams, R. & Simmons, D. (1991). The invasive potential of *Genista monspessulana* (Montpellier Broom) in dry sclerophyll forest in Victoria. *Victorian Naturalist*, 108: 84-89.

Adamson, D. & Buchanan, R. (1974). Exotic plants in urban bushland in the Sydney Region. *Proceedings of the Weed Society of New South Wales*, 65: 24-27.

Amor, R.L. (1973). Ecology and control of blackberry (*Rubus fruticosus* L.). 1. *Rubus* spp. as weeds in Victoria. *Weed Research*, 13: 218-223.

Amor, R.L. & Richardson, R.G. (1980). The biology of Australian weeds. 2. *Rubus fruticosus* L. Agg. *Journal of the Australian Institute of Agricultural Science*, 46: 87-97.

Anderson, R.H. (1936). *The Trees of New South Wales*. A.J. Kent, Sydney.

Anon. (1997). *Tiger Quoll. (Our Australian Animals)*. NSW National Parks & Wildlife Service, Sydney.

Anstis, M. (1975). Australian frogs- some adaptations and life histories. *Herpetofauna*, 7(2): 13-15.

Auld, B.A. & Medd, R.W. (1992). *Weeds. An Illustrated Botanical Guide to the Weeds of Australia*. Inkata Press, Melbourne and Sydney.

Auld, T.D. and Myerscough, P.J. (1986). Population dynamics of the shrub *Acacia suaveolens* (Sm.) Willd: seed production and pre-dispersal seed predation. *Australian Journal of Ecology*, 11: 219-234.

Baker, M., Corringham, R. & Dark, J. (1985). *Native Plants of the Lower Blue Mountains*. Three Sisters Productions, Winmalee.

Baldwin, M. (1975). Birds of the Inverell District, NSW. *Emu* 75, 113-120.

Barker, J. & Grigg, G. (1977). *A Field Guide to Australian Frogs*. Rigby. Adelaide.

Barrett, C. (1943). *An Australian Animal Book*. Oxford University Press, Melbourne & London.

Barrett, G.W., Ford, H.A. and Recher, H.F. (1994). Conservation of woodland birds in a fragmented rural landscape. *Pacific Conservation Biology* 1, 245-256.

Beadle, N.C.W. & Costin, A.B. (1952). Ecological classification and nomenclature. *Proceedings of the Linnean Society of New South Wales*, 77: 61-74.

Beadle, N.C.W., Evans, O.D., Carolin, R.C. & Tindale, M.D. (1981). *Flora of the Sydney Region*. A.W. Reed & Co., Sydney.

Benson, D.H. (1992). The natural vegetation of the Penrith 1:100 000 Map Sheet. *Cunninghamia*, 2: 541-596.

Benson, D.H. & Fallding, H. (1981). Vegetation survey of Brisbane Water National Park and environs. *Cunninghamia*, 1: 79-113.

Benson, D.H. & Howell, J. (1990a). Taken for granted: the bushland of Sydney and its suburbs. Kangaroo Press, Kenthurst.

Benson, D.H. & Howell, J. (1990b). Sydney's vegetation 1788-1988: utilisation, degradation and rehabilitation. *Proceedings of the Ecological Society of Australia*, 16: 115-127.

Benson, D.H. & Howell, J. (1994). The Natural Vegetation of the Sydney 1: 100 000 Sheet. *Cunninghamia*, 3: 679-788.

Benson, D.H., Howell, J. & McDougall, L. (1996). *Mountain Devil to Mangrove*. A

Guide to the Natural Vegetation in the Hawkesbury-Nepean Catchment. Royal Botanic Gardens, Sydney.

Benson., D.H. & McDougall, L. (1991). Rare Bushland Plants of Western Sydney. Royal Botanic Gardens, Sydney.

Benson, D.H., Thomas, J. & Burkitt, J. (1990). The natural vegetation of Bents Basin State Recreation Area, New South Wales. *Cunninghamia*, 2: 223-262.

Beruldsen, G. (1980). A Field Guide to Nests and Eggs of Australian Birds. Rigby Publishers, Sydney.

Bishop, A.D. (1995). Field Guide to the Orchids of New South Wales and Victoria. University of New South Wales Press, Sydney.

Blakers, M., Davies, S.J.J.F. & Reilly, P.N. (1984). The Atlas of Australian Birds. Royal Australasian Ornithologists Union & Melbourne University Press.

Blombery, A.C. (1955). Native Australian Plants. Their Propagation and Cultivation. Angus & Robertson Publishers, Sydney.

Blombery, A.M. (1986). Australian Native Plants. Australian Natural Science Library. Angus & Robertson Publishers, Sydney.

Blombery, A.M. & Rodd, A.N. (1988). An informative, practical guide to Palms of the World; their cultivation, care & landscape use. Angus & Robertson Publishers, Sydney.

Boland, D.J., Brooker, M.I.H., Chippendale, G.M., Hall, N., Hyland, B.P.M., Johnstone, R.D., Kleinig, D.A. & Turner, J.D. (1994). Forest Trees of Australia. CSIRO, Melbourne.

Breeden, S. & Breeden, K. (1973). Wildlife of Eastern Australia. Book Club Associates, Sydney.

Briggs, J.D. & Leigh, J.H. (1988). Rare or Threatened Australian Plants: 1988. Revised Edition. Australian National Parks and Wildlife Service, Canberra.

Briggs, J.D. & Leigh, J.H. (1996). Rare or Threatened Australian Plants. CSIRO & Australian Nature Conservation Agency.

Brooks, A.J. (1983). Atlas of Australian Anura. Dept. of Zoology, University of Melbourne Publication No. 7.

Brooker, M.I.H. & Kleinig, D.A. (1990). Field Guide to Eucalypts. Volume 1- South-eastern Australia. Inkata Press, Melbourne.

Burbidge, N.T. (1966a). Australian Grasses. Volume 1. Australian Capital Territory and southern highlands of New South Wales. Angus & Robertson, Sydney.

Burbidge, N.T. (1966b). Australian Grasses. Volume 2. Northern Tablelands of New South Wales. Angus & Robertson., Sydney.

Burbidge, N.T. & Gray, M. (1970). Flora of the ACT. Australian National University Press, Canberra.

Burton, T.C. & Martin, A.A. (1976). Analysis of hybridisation between Black-headed and White-backed Magpies in south-eastern Australia. *Emu*, 76: 30-36.

- Bustard, H.R. (1970). Australian Lizards. Collins, Sydney.
- Carolin, R. & Tindale, M. (1993). Flora of the Sydney Region from the Hunter to the Shoalhaven Rivers & Inland to the Great Divide. Reed Books, Sydney.
- Caughley, J. (1980). Native Quolls and Tiger Quolls. Pages 41-48. In: C. Haigh (ED.) Endangered Animals of New South Wales. New South Wales National Parks and Wildlife Service, Sydney.
- Cayley, N.W. (1986). What Bird is That? Angus & Robertson Publishers, Sydney.
- Child, J. (1968). Trees of the Sydney Region. Periwinkle Books, Sydney.
- Churchill, S. (1998). Australian Bats. Reed New Holland Publishers, Sydney.
- Clements, A. (1983). Suburban development and urban changes in the vegetation of the northern Sydney region. Australian Journal of Ecology, 8: 307-319.
- Clyne, D. (1969). Australian Frogs. Lansdowne Press, Melbourne.
- Cogger, H.G. (1960). Frogs of New South Wales. Australian Museum, Sydney.
- Cogger, H.G. (1962). Frogs of Sydney. In: The Natural History of Sydney. Australian Museum, Sydney.
- Cogger, H.G. (1972). Field keys to the frogs and reptiles of the Central Coast of New South Wales. Part 1. Frogs and tortoises. Herpetofauna, 5(2): 10-14.
- Cogger, H.G. (1996). Reptiles and Amphibians of Australia. Reed Books, Sydney, 5th Edition.
- Cogger, H.G., Cameron, E.E. & Cogger, H.M. (1983). Zoological Catalogue of Australia. Volume 1. Amphibia and Reptilia. Australian Government Publishing Service, Canberra.
- Costermans, L. (1981). Native Trees and Shrubs of south-eastern Australia. Rigby, Sydney.
- Cronin, L. (1991). Key Guide to Australian Mammals. Reed Books, Chatswood.
- Cunningham, G.M., Mulham, W.E., Milthorpe, P.L. & Leigh, J.H. (1981). Plants of Western New South Wales. Soil Conservation Service of New South Wales, Sydney.
- Debus, S.J.S. & Rose, A.B. (1994). The Masked Owl *Tyto novaehollandiae* in New South Wales. Australian Birds, 28: 40-59.
- Dunnett, G.M. (1964). A field study of local populations of the Brush-tailed Possum *Trichosurus vulpecula* in eastern Australia. Proceedings of the Zoological Society of London, 142: 665-695.
- Eby, P. (1995). The biology and management of flying foxes in NSW. Species Management Report No. 18. NSW National Parks & Wildlife Service, Sydney.
- Egan, K., Farrell, J. and Pepper-Edward, D. (1997). Historical and seasonal changes in the community of forest birds at Longneck Lagoon Nature Reserve, Scheyville, New South Wales. Corella 21, 1-16.

- Elliot, W.R. & Jones, D.L. (1993). *Encyclopaedia of Australian Plants Suitable for Cultivation*. Vol. 3. Lothian, Melbourne.
- Eyre, T.J. & Schulz, M. (1996). Northern range extension of the Powerful Owl *Ninox strenua*. *Australian Bird Watcher*, 16: 296-298.
- Fairley, A. & Moore, P. (1989). *Native Plants of the Sydney district. An Identification Guide*. Kangaroo Press, Sydney.
- Fisher, A.M. (1997). The distribution and abundance of avifauna in the Bathurst landscape: implications for conservation and land management. Ph.D. Thesis, Charles Sturt University, Bathurst.
- Fletcher, J.J. (1889). Observations on the oviposition and habits of certain Australian Batrachians. *Proceedings of the Linnean Society of New South Wales*, 4: 357-387.
- Fletcher, J.J. (1890). Contributions to a more exact knowledge of the geographical distribution of Australian Batrachia. No. 1. *Proceedings of the Linnean Society of New South Wales*, 5: 667-676.
- Fletcher, J.J. (1894). Contributions to a more exact knowledge of the geographical distribution of Australian Batrachia, No. 4. *Proceedings of the Linnean Society of New South Wales*, 8: 524-533.
- Ford, H.A., Noske, S. and Bridges, L. (1986). Foraging of birds in eucalypt woodlands in north-eastern New South Wales. *Emu* 86, 168-179.
- Forshaw, J.M. (1992). *Australian Parrots*. Ure Smith Press, Sydney.
- Frauca, H. (1973). *Australian Reptile Wonders*. Rigby Ltd., Sydney.
- Frith, H.J. (1982). *Pigeons and Doves of Australia*. Rigby, Australia.
- Frith, H.J., McKean, J.L. & Braithwaite, L.W. (1976). Seasonal cycles and food of the doves *Streptopelia chinensis* and *S. senegalensis* in Australia. *Emu*, 76: 15-24.
- Gillespie, G.R. (1990). Distribution, habitat and conservation status of the Giant Burrowing Frog, *Heleioporus australiacus* (Myobatrachidae), in Victoria. *Victorian Naturalist*, 107: 144-153.
- Gillison, A.N. & Anderson, D.J. (1981). *Vegetation Classification in Australia*. Australian National University Press, Canberra.
- Goodacre, W.A. (1958). *The Honey and Pollen Flora of New South Wales*. Government Printer, Sydney.
- Greer, A.E. (1990). *The Biology and Evolution of Australian Lizards*. Surrey Beatty & Sons, Chipping Norton, Sydney.
- Griffith, K. (1997). *Frogs and Reptiles of the Sydney Region*. University of New South Wales Press, Sydney.
- Groves, R.H. (1981). *Australian Vegetation*. Cambridge University Press, Cambridge.
- Hall, L.S. & Richards, G.C. (1979). *Bats of Eastern Australia*. Queensland Museum, Brisbane.

Harden, G.,J. (Ed.)(1990, 1991, 1992, 1993). Flora of New South Wales. Volumes 1,2,3,4. University of New South Wales and Royal Botanic Gardens, Sydney.

Harris, T.Y. (1938). Wild Flowers of Australia. Angus & Robertson Limited, Sydney.

Harrison, L. (1922). On the breeding habits of some Australian frogs. Australian Zoologist, 3: 17-34.

Hawkeswood, T.J. (1977). Pomax. Australian Plants, 9: 87-89.

Hawkeswood, T.J. (2003a). Further observations on the flora and fauna and the significance of Stage 4, Timber Drive, Lisarow, New South Wales: 1-40.

Hawkeswood, T.J. (2003b). Flora and fauna survey of Lots 41 and 42, Hillview Road, Rouse Hill, New South Wales: 1-18.

Hawkeswood, T.J. (2003c). Flora and fauna assessment for Lot 2, DP 1023013, York Road, Kellyville, New South Wales: 1-11.

Hawkeswood, T.J. (2003d). Flora and fauna assessment and tree report for proposed Lots 10 and 92, RMB 106, Windsor Road, Kellyville, New South Wales: 1-13.

Hawkeswood, T.J. (2003e). Tree report for Lots 17 and 18 Section 14 DP 2097, 29 and 31 Pritchard Street, Thornleigh, New South Wales, with an 8-part test for the Gang-gang Cockatoo (*Callocephalon fimbriatum*) known to occur near the site: 1-25.

Hawkeswood, T.J. (2003f). Comments on the row of conifer trees (*Chamaecyparis lawsoniana*, Cupressaceae) at 60-66 Kings Road, Castle Hill, New South Wales: 1.

Hawkeswood, T.J. (2003g). Flora and fauna assessment of part of Lot 12, DP 221923, 125 Fox Valley Road, Denham Court, New South Wales with comments on two trees on another part of the Lot: 1-3.

Hawkeswood, T.J. (2003h). Flora and fauna survey of part of Lot 3, DP 859602, 190 Kenthurst Road, Kenthurst, New South Wales: 1-39.

Hawkeswood, T.J. (2003i). Flora and fauna survey of a part of Lot 4 in DP 734262, McClymonts Road, Kenthurst, New South Wales: 1-26.

Hawkeswood, T.J. (2003j). Flora and fauna survey of a part of Lot 11 in DP 244146, Bannerman Road, Glenhaven, New South Wales: 1-26.

Hawkeswood, T.J. (2003k). Flora and fauna survey of a part of Lot 11 in DP 244146, Bannerman Road, Glenhaven, New South Wales: 1-52.

Hawkeswood, T.J. (2003l). Flora and fauna survey of part of Lot 332, Kent Street, Bullaburra, New South Wales: 1-58.

Hawkeswood, T.J. (2003m). Flora and fauna survey and tree report for proposed Lot 242, from Lot 1 DP 862749, 12 Cansdale Place, Kellyville, New South Wales: 1-15.

Hawkeswood, T.J. (2003n). Flora and fauna survey of part of Lot 141, DP 752039, 64 Chilvers Lane, South Maroota, New South Wales: 1-41.

Hawkeswood, T.J. (2003o). Tree report for Lot 31, DP 815474 & Lot 401, DP 1018616, 25A & 27A, Cook Street, Baulkham Hills, New South Wales: 1-21.

Hawkeswood, T.J. (2003p). Appendix 1 Tree Schedule for 25A and 27A Cook Street, Baulkham Hills, New South Wales: 1-4.

Hawkeswood, T.J. (2003q). Tree report for the proposed subdivision of Lot 4 DP 845899 and Lot 3706 DP 1011620, 18 & 20 Franklin Road, Cherrybrook, New South Wales: 1-6.

Hawkeswood, T.J. (2003r). 8-part test for the Cumberland Plain Woodland remnant at Lot 1, DP 518003, 42 Neich Road, Maraylya, New South Wales: 1-27.

Hawkeswood, T.J. (2003s). Flora and Fauna Survey and Assessment of Lot 14, DP 208727, Conrad Road, Kellyville Ridge, New South Wales: 1-36.

Hawkeswood, T.J. (2003t). Flora and fauna survey of part of Lot 7, DP 529067, Pellitt Lane, Round Corner, New South Wales: 1-39.

Hawkeswood, T.J. (2003u). Comments on a Eucalyptus tree at 204 Marsden Road, Dundas Valley, New South Wales, with a recommendation for its removal: 1.

Hawkeswood, T.J. (2003v). Tree report for 26-30 North Rocks Road, North Rocks, New South Wales: 1-13.

Hawkeswood, T.J. (2003w). Flora and fauna survey and assessment of Lot 5, DP 233001, Old Stock Route Road, Pitt Town, New South Wales: 1 -26.

Hawkeswood, T.J. (2003x). Flora and Fauna Survey and Assessment of Lot 4, Windsor Road, Mulgrave, New South Wales: 1-55.

Hawkeswood, T.J. (2003y). Flora and fauna survey and assessment of part of Lot 8, DP 523392, Pellitt Lane, Round Corner, New South Wales: 1-38.

Hawkeswood, T.J. (2003z). Flora and fauna survey and assessment of part of Lot 5, DP 532394, Pellitt Lane, Round Corner, New South Wales: 1-36.

Hawkeswood, T.J. (2003aa). Flora and fauna survey and assessment of Lot 106, DP 1009723, John Radley Avenue, Dural, New South Wales: 1-41.

Hawkeswood, T.J. (2003bb). 8-part test for the Cumberland Plain Woodland remnant at Lot 263, DP 880799, Ross Place, Wetherill Park, New South Wales with comments on and a list of the flora of the site: 1-20.

Hawkeswood, T.J. (2003cc). Comments on the identity and health of trees before and after nearby sewer line deposition at 138-140 Reservoir Road, Blacktown, NSW: 1-2.

Hawkeswood, T.J. (2003dd). Flora and Fauna Survey and Assessment of a portion of bushland behind 21 Redfield Road, East Killara, New South Wales: 1-28.

Hawkeswood, T.J. (2003ee). 8-part test for the woodland remnant at Lot 2, DP 882674, John Hines Avenue, Minchinbury, New South Wales with comments on and a list of the flora of the site: 1-19.

Hawkeswood, T.J. (2003ff). Flora and fauna survey and assessment of part of Lot 6, DP 5323943, Pellitt Lane, Round Corner, New South Wales: 1-37.

Hawkeswood, T.J. (2003gg). Flora and fauna survey and assessment of Lots 1020 & 1021, DP 876671 & Lot 2, DP 576773, Glen Road, Castle Hill, New South Wales: 1-87.

Hawkeswood, T.J. (2003hh). Flora and fauna survey and assessment of parts of Lot 8, DP 247243 & Lot 1, DP 561234, 80 Howes Road & 569 Singleton Road, Wilberforce, New South Wales: 1-147.

Hawkeswood, T.J. (2003ii). Investigations on the flora and vegetation types of some sites within the Menai area, New South Wales: 1-44.

Hawkeswood, T.J. (2003jj). Flora and fauna survey of Lots 8-10,19,31-33, DP 831158, Old Illawarra Road, Menai, New South Wales: 1-54.

Hawkeswood, T.J. (2003kk). Flora and fauna survey of Lot 26, DP 834163, Samantha Riley Drive, Kellyville, New South Wales: 1-23.

Hawkeswood, T.J. (2003ll). Flora and fauna survey and assessment of Lot 22, DP 811254, Bago Road, Wauchope, New South Wales : 1-66.

Hawkeswood, T.J. (2004a). Tree report for Lot 14, DP 246780, 15 New Line Road, West Pennant Hills, New South Wales: 1-20.

Hawkeswood, T.J. (2004b). Flora and fauna survey and assessment of part of Lots 29 and 30, DP 752039, Days Road, Maroota, New South Wales: 1-39.

Hawkeswood, T.J. (2004c). Flora and fauna survey of Lot 14, DP 246780, 15 New Line Road, West Pennant Hills, New South Wales: 1-22.

Hawkeswood, T.J. (2004d). Tree report for the proposed subdivision of Lot 1 DP 877908, 47-51 Aiken Road, West Pennant Hills, New South Wales: 1-10.

Hawkeswood, T.J. (2004e). Flora and fauna survey and assessment of parts of Lot 102 DP 1052416, Lot 12 DP 713095 and Lot 1 DP 532126, Reedy Road, Cattai, New South Wales: 1-39.

Hawkeswood, T.J. (2004f). Flora and Fauna Survey and Assessment of Lot 2, DP 590000, 788 Old Northern Road, Middle Dural, New South Wales: 1-37.

Hawkeswood T.J. (2004g). Flora and fauna survey of a area for a proposed driveway and house building platform at the end of Addington Road, Hazelbrook, New South Wales: 1-45.

Hawkeswood, T.J. (2004h). Flora and fauna survey and assessment of Eurama Vision Estate, Faulconbridge, New South Wales with considerations of endangered flora and fauna species: 1-103.

Hawkeswood, T.J. (2004i). Flora and fauna survey and assessment of part of proposed subdivision of Lot 2, DP 793703, Pitt Town Road, Kenthurst, New South Wales: 1-37.

Hawkeswood, T.J. (2004k). Flora and fauna survey and assessment of part of proposed subdivision of Lot 2, DP 793703, Pitt Town Road, Kenthurst, New South Wales: 1-35.

Hawkeswood, T.J. (2004l). Tree report for the proposed subdivision of Lot B DP 33301, 54B Beecroft Road, Beecroft, New South Wales: 1-18.

Hawkeswood, T.J. (2004m). Letter: Trees at 6 Cherrybrook Road, West Pennant Hills, NSW:1-2.

Hawkeswood, T.J. (2004n). Letter: Re: Sydney Blue Gum (*Eucalyptus saligna*, Myrtaceae) at 17C Cherrybrook Road, West Pennant Hills NSW: 1-2.

Hawkeswood, T.J. (2004o). Tree report and SULE assessment for Lot 1, DP 959192 and Lot 1, DP 979474, 150-152 Ocean Street, Narrabeen, New South Wales: 1-9.

Hawkeswood, T.J. (2004p). Tree report for part of Lot 3414, DP 793540, 11 Tanglewood Place, West Pennant Hills, New South Wales: 1-12.

Hawkeswood, T.J. (2004q). Flora and fauna survey of Lots 3 & 4, DP 22378, Tillock Street, Thornleigh, New South Wales: 1-25.

Hawkeswood, T.J. (2004r). Tree report for part of Lot 5 DP 259725, 225 Pitt Town Road, Kenthurst New South Wales: 1-11.

Hawkeswood, T.J. (2004s). Tree report for 52-54 Dobson Crescent & 62-68 Old Northern Road, Baulkham Hills, New South Wales: 1-11.

Hawkeswood, T.J. (2004t). Further observations on the flora and fauna of Lot 1, DP 804046, Bago Road, Wauchope, New South Wales, with comments on a letter from the Department of Environment and Conservation concerning the subject site: 1-12.

Hawkeswood, T.J. (2004u). Flora and fauna survey and assessment of Lot 22, DP 1007980, Old Northern Road, Canoelands, New South Wales: 1-61.

Hawkeswood, T.J. (2004v). Report on proposed removal of several trees and infilling on part of 12-14 Cansdale Place, Castle Hill, New South Wales: 1-5.

Hawkeswood, T.J. (2004w). Tree report and SULE assessment for Lot 11, DP 208727, 60 Conrad Road, Kellyville Ridge, New South Wales: 1-15.

Hawkeswood, T.J. (2004x). Flora and fauna survey of Lot 2, DP 225401, Edwards Road, Rouse Hill, New South Wales: 1-55.

Hawkeswood, T.J. (2004y). Additional appendix to the Eurama Vision report (Hawkeswood, 2004): 1-3.

Hawkeswood, T.J. (2004z). Fauna report for part of Lot 3414, DP 793540, 11 Tanglewood Place, West Pennant Hills, New South Wales: 1-11.

Hawkeswood, T.J. (2004aa). Flora and fauna survey of part of the fire trail off Pitt Town Road, Kenthurst, New South Wales: 1-4.

Hawkeswood, T.J. (2004bb). Flora and fauna survey and assessment of part of proposed subdivision of Lot 2, DP 793703, Pitt Town Road, Kenthurst, New South Wales: 1-37. (different report to Hawkeswood, 2004i)

Hawkeswood, T.J. (2004cc). Flora and fauna survey of Lot 6, DP 29321, 428 The Driftway, Londonderry, New South Wales: 1-48.

Hawkeswood, T.J. (2004dd). Further flora and fauna survey and assessment of parts of Lot 102 DP 1052416, Lot 12 DP 713095 and Lot 1 DP 532126, Reedy Road, Cattai, New South Wales: 1-16.

Hawkeswood, T.J. (2004ee). Flora and fauna survey of parts of Lot 12 DP 26302, 97-103 Bennett Road, Londonderry, New South Wales with a 8-part test for two

Cumberland Plain remnants surveyed: 1-36.

Hawkeswood, T.J. (2004ff). Statement of Evidence, Land and Environment Court Proceedings No. 10562 of 2003: Christopher M. Edwards Solicitors & Accountants acting for Louisa Janzon vs. Hawkesbury City Council: 1-7.

Hawkeswood, T.J. (2004gg). Further Statement of Evidence, Land and Environment Court Proceedings No. 10562 of 2003: Christopher M. Edwards Solicitors & Accountants acting for Louisa Janzon vs. Hawkesbury City Council : 1-3.

Hawkeswood, T.J. (2004hh). Flora and fauna survey and assessment of Lot 1, DP 617888, Bago Road, Wauchope, New South Wales: 1-91.

Hawkeswood, T.J. (2004ii). Flora and fauna survey and assessment of Lot 1, DP 640641, corner of Bago Road and King Creek Road, Wauchope, New South Wales: 1-50.

Hawkeswood, T.J. (2004jj). Flora and fauna survey of Lot 102 and part of Lot 103, DP 840572, 40 Mount View Avenue, Hazelbrook, New South Wales: 1-49.

Hawkeswood, T.J. (2004kk). Flora and fauna survey and assessment of part of Lot 41, DP 614720, Grose Road, Faulconbridge, New South Wales with considerations of endangered flora and fauna species: 1-91.

Hawkeswood, T.J. (2005a). Tree report for the proposed subdivision of Lot B DP 33301, 54B Beecroft Road, Beecroft, New South Wales: 1-11.

Hawkeswood, T.J. (2005b). Tree report for the proposed subdivision of Lot 82 DP 577380, 161B Copeland Road, Beecroft, New South Wales: 1-11.

Hawkeswood, T.J. (2005c). Comments on trees and general vegetation within proposed road works on Second and Tenth Roads, Berkshire Park, New South Wales: 1-10.

Hawkeswood, T.J. (2005d). Flora and fauna survey and assessment of Lot 1, DP 262159, Lot 5 DP 10720, Lot 2 DP 529914 & Lots 11 and 12 DP 777034, Gimberts Road, Morisset, New South Wales: 1-36.

Hawkeswood, T.J. (2005e). Flora and fauna report with comments on trees for the proposed subdivision of Lot 59, DP 220657, 30 Vale Road, Thornleigh, New South Wales: 1-14.

Hawkeswood, T.J. (2005f). 8-part Test for the endangered plant *Pimelea curviflora* ssp. *curviflora* (Thymelaeaceae) at Lot 22, DP 1007980, Old Northern Road, Canoelands, New South Wales: 1-8.

Hawkeswood, T.J. (2005g). Tree report for the proposed subdivision of Lot 3, DP 29107, 8 Chunooma Road, Wahroonga, New South Wales: 1-10.

Hawkeswood, T.J. (2005h). Flora and fauna survey and assessment of Lots 4,7,9,11, DP 262159, Lots 1,2,3 DP 10720 & Lots 35, 36 & 37, DP 9632, Gimberts Road and Mandalong Road, Morisset, New South Wales: 1-66.

Hawkeswood, T.J. (2005i). Flora and fauna survey of Lot 52, DP 834049, 352 Annangrove Road, Rouse Hill, New South Wales: 1-35.

Hawkeswood, T.J. (2005j). Flora and fauna survey of Lots 14, 15 & 16, DP 1071664,

Annangrove Road, Rouse Hill, New South Wales: 1-31.

Hawkeswood, T.J. (2005k). Flora and fauna survey and assessment of Lots 2 and 3, DP 520826, 73 Lodges Road, Elderslie, New South Wales: 1-31

Hawkeswood, T.J. (2005l). Tree report and SULE assessment for Lot 2089, DP 717758, Corner of Hyatts and Bungalow Roads, Plumpton, New South Wales: 1-37.

Hawkeswood, T.J. (2005m). Letter: Re: Lot 1 DP 520826, Lodges Road, Elderslie, New South Wales: 1-2.

Hawkeswood, T.J. (2005n). Letter: Re: Lot E, DP 413912, 8 Cranstons Road, Middle Dural, NSW: 1-2.

Hawkeswood, T.J. (2005o). Flora and fauna survey and assessment of Lot 28, DP 31286, 7 Yaralla Crescent, Thornleigh, New South Wales: 1-35.

Hermes, N. (1980). Endangered Parrots. Pages 61-65. In: C. Haigh (ED.) Endangered Animals of New South Wales. New South Wales National Parks and Wildlife Service, Sydney.

Hersey, F. (1980). Broad-headed Snake *Hoplocephalus bungaroides*. Pages 38-40 In: C. Haigh (ED.) Endangered Animals of New South Wales. New South Wales National Parks and Wildlife Service, Sydney.

Hindwood, K.A. (1947). Nesting habits of the Kookaburra or Laughing Jackass (*Dacelo gigas*). *Emu*, 47: 117-130.

Hindwood, K.A. (1966). Australian Birds in Colour. A.H. & A.W. Reed, Sydney.

Hindwood, K.A. & McGill, A.R. (1958). The Birds of Sydney (County of Cumberland) New South Wales. Royal Zoological Society of New South Wales, Sydney.

Hoser, R. (1989). Australian Reptiles and Frogs. Pierson & Co., Sydney.

Hoskin, E. (1991). 'Birds of Sydney 1770-1989'. Surrey Beatty and Sons: Sydney.

Jacobs, S.W.L. & Pickard, J. (1981). Plants of New South Wales. A Census of the cycads, conifers and angiosperms. National Herbarium of New South Wales. Royal Botanic Gardens, Sydney.

Jenkins, R. & Bartell, R. (1980). A Field Guide to the Reptiles of the Australian High Country. Inkata Press, Melbourne.

Jones, D.L. (1988). Native Orchids of Australia. Reed Books, Sydney.

Jones, D.L. & Gray, B. (1988). Climbing Plants in Australia. A.H. & A.W. Reed, Sydney.

Joss, J.M.P. & Minard, J.A. (1985). On the reproductive cycles of *Lampropholis guichenoti* and *L. delicata* (Squamata: Scincidae) in the Sydney Region. *Australian Journal of Zoology*, 33: 699-704.

Keast, A. (1995). Habitat loss and species loss: the birds of Sydney 50 years ago and now. *Australian Zoologist*, 30: 3-25.

King, D. & Green, B. (1979). Notes on the diet and reproduction of the Sand Goanna,

Varanus gouldii rosenbergi. *Copeia*, 1: 64-70.

Kinghorn, J.R. (1944). Frogs and toads. *Australian Museum Magazine*, 8: 271-276.

Kreft, G. (1865). The frogs of Australia. *Papers & Proceedings of the Royal Society of Tasmania*, 1865: 16-20.

Lamp, C.A. & Collett, F. (1989). *Field Guide to Weeds in Australia*. Inkata Press, Melbourne & Sydney.

Lamp, C.A., Forbes, S.J. & Cade, J.W. (1990). *Grasses of temperate Australia. A Field Guide*. Inkata Press, Melbourne & Sydney.

Leigh, J.H., Boden, R. & Briggs, J. (1984). *Extinct and Endangered Plants of Australia*. Macmillan, Melbourne.

Lepschi, B.J. (1993). Food of some birds in eastern New South Wales: additions to Barker & Vestjens. *Emu*, 93: 195-199.

Littlejohn, M. & Martin, A.A. (1967). The rediscovery of *Heleioporus australiacus* (Shaw)(Anura: Leptodactylidae) in eastern Victoria. *Proceedings of the Royal Society of Victoria*, 80: 31-36.

Lunney, D. & Barker, J. (1986). Survey of reptiles and amphibians of the coastal forests near Bega, NSW. *Australian Zoologist*, 22: 1-9.

Macdonald, J.D. (1980). *Australian Birds: A Popular Guide to Bird Life*. Reed Books, Sydney.

Macnally, R.C. (1985). Habitat and microhabitat distributions in relation to ecological overlap in two species of *Ranidella* (Anura). *Australian Journal of Zoology*, 33: 329-338.

Macoboy, S. (1981). *What Flower is That?* Lansdowne Press, Sydney.

Macoboy, S. & Blombery, A. (1975). *Australian Complete Book of Flowers*. Paul Hamlyn, Sydney.

Main, A.R. (1957). Studies in Australian Amphibia. I. The genus *Crinia* Tschudi in south-western Australia and some species from south-eastern Australia. *Australian Journal of Zoology*, 5: 30-55.

Main, A.R. (1968). Ecology, systematics and evolution of Australian frogs. *Advances in Ecological Research*, 5: 37-86.

Main, A.R. , Littlejohn, M.J. & Lee, A.K. (1959). Ecology of Australian frogs. In: Keast, A. (Ed.) *Biogeography and Ecology in Australia*. W. Junk, The Hague: 396-411.

Major, R., Gowing, G. and Kendal, C. (1996). Nest predation in Australian urban environments and the role of the Pied Currawong, *Strepera graculina*. *Australian Journal of Ecology* 21, 399-409.

Major, R., Christie, F. and Gowing, G. (1998). 'The Value of Remnant Vegetation for Birds in the New South Wales Wheatbelt'. *Australian Museum*: Sydney.

Mason, J. (1977). *Growing Australian Natives*. Angus & Robertson Publishers, Sydney.

McNabb, E.G. (1996). Observations on the biology of the Powerful Owl *Ninox strenua* in southern Victoria. *Australian Bird Watcher*, 16: 267-295.

Mears, A.D. (1981). The extent, distribution and cost of control of the blackberry in New South Wales. *Australian Weeds*, 1(2): 18-19.

Messel, H. & Butler, S.T. (1978). *Australian Animals and their Environment*. University of Sydney Press, Sydney.

Moore, J.A. (1957). Frogs of the Sydney Region. *Australian Museum Magazine*, 12: 212-216.

Moore, J.A. (1961). The frogs of eastern New South Wales. *Bulletin of the American Museum of Natural History*, 121: 149-386.

Nelson, J.E. (1965). Movements of Australian flying foxes (Pteropodidae: Megachiroptera). *Australian Journal of Zoology*, 13: 53-74.

Nicholls, W.H. (1969). *Orchids of Australia*. Thomas Nelson, Melbourne.

Oliver, D., Ley, A., Ford, H. and Williams, B. (1999). Habitat of the Regent Honeyeater, *Xanthomyza phrygia* and the value of the Bundarra-Barraba region for the conservation of avifauna. *Pacific Conservation Biology* 5, 224-239.

Parish, S. (1997). *First Field Guide to Australian Frogs and Reptiles*. Steve Parish Publishing, Brisbane.

Parry, V.A. (1970). *Kookaburras*. Lansdowne, Melbourne.

Parry, V.A. (1973). The auxiliary social system and its effect on territory and breeding in Kookaburras. *Emu*, 73: 81-100.

Parsons, W.T. (1971). *Noxious Weeds of Victoria*. Inkata Press, Melbourne & Sydney.

Parsons, W.T. & Cuthbertson, E.G. (1992). *Noxious Weeds of Australia*. Inkata Press, Melbourne & Sydney.

Pizzey, G. (1999). *The Graham Pizzey & Frank Knight Field Guide to the Birds of Australia*. Harper Collins Publishers, Ryde.

Pryor, L.D. & Johnson, L.A.S. (1975). *A Classification of the Eucalypts*. Australian National University Press, Sydney.

Ratcliffe, F.N. (1932). Notes on the fruit bats (*Pteropus* spp.) of Australia. *Journal of Animal Ecology*, 1: 32-57.

Read, J.L. (1994). The diet of three species of firetail finches in temperate South Australia. *Emu* 94, 1-8.

Readers Digest (1976). *Readers Digest Complete Book of Australian Birds*. Readers Digest, Services Pty Ltd, Sydney.

Reid, J. (1999). 'Threatened and Declining Birds in the New South Wales Sheep-wheatbelt: Diagnosis, Characteristics and Management'. Report to NSW NPWS: Sydney.

Ride, W.D.L. (1970). *A Guide to the Native Mammals of Australia*. Oxford University

Press, Melbourne.

Roberts, P. (1993). Birdwatcher's Guide to the Sydney Region. Kangaroo Press, Sydney.

Robinson, L. (1991). Field Guide to the Native Plants of Sydney. 2nd Edition. Kangaroo Press, Sydney.

Robinson, M. (1998). Frogs of Australia. A Field Guide. Australian Museum, Sydney.

Rose, S. & Fairweather, P.G. (1997). Changes in the floristic composition of urban bushland invaded by *Pittosporum undulatum* in northern Sydney, Australia. Australian Journal of Botany, 45: 123-148.

Rotherham, E.R., Briggs, B.G., Blaxell, D.F. & Carolin, R.C. (1975). Flowers and Plants of New South Wales and Southern Queensland. A.H. & A.W. Reed, Sydney.

Rowley, I. (1971). The genus *Corvus* (Aves: Corvidae) in Australia. CSIRO Wildlife Research, 15: 27-72.

Rowley, I. (1971). Movements and longevity in ravens in south-eastern Australia. CSIRO Wildlife Research, 16: 49-72.

Rowley, I. (1974). Display situations in two Australian ravens. Emu, 74: 47-52.

Rowley, I. (1975). Bird Life. Collins, Brisbane.

Rowley, I., Braithwaite, I.W. & Chapman, G.S. (1973). The comparative ecology of Australian corvids. III. Breeding seasons. CSIRO Wildlife Research, 18: 67-90.

Rowley, I. & Vestjens, W.J.M. (1973). The comparative ecology of Australian corvids. V. Food. CSIRO Wildlife Research, 18: 131-155.

Rymer, P.D., Morris, E.C., Richardson, B.J. (2002). The breeding system and population genetics of the vulnerable plant, *Dillwynia tenuifolia* (Fabaceae). Austral Ecology, 27, 241-248.

Schmida, G. (1985). Cold-blooded Australians. Doubleday, Sydney.

Schodde, R. and Mason, I.J. (1999) 'The Directory of Australian Birds: Passerines'. CSIRO:Melbourne.

Schlesinger, C.A. & Shine, R. (1994). Choosing a rock: perspectives of a bush-rock collector and a saxicolous lizard. Biological Conservation, 67: 49-56.

Schulz, M. & de Oliveira, M.C. (1995). Microchiropteran fauna of Kroombit Tops, central Queensland, including a discussion on survey techniques. Australian Zoologist, 30: 71-77.

Shine, R. (1977). Habitats, diets and sympatry in snakes: a study from Australia. Canadian Journal of Zoology, 55: 1118-1128.

Shine, R. (1983). Arboreality in snakes: ecology of the Australian elapid genus *Hoplocephalus*. Copeia, 1983: 198-205.

Shine, R. (1987). Intraspecific variation in thermoregulation, movements and habitat use by Australian blacksnakes, *Pseudechis porphyriacus* (Elapidae). Journal of

Herpetology, 21: 165-177.

Shine, R. (1987). Reproductive mode may determine geographic distributions in Australian venomous snakes (*Pseudechis*, Elapidae). *Oecologia*, 71: 608-612.

Shine, R. (1994). *Australian Snakes A Natural History*. Reed Books, Sydney.

Shine, R. & Fitzgerald, M. (1989). Conservation and reproduction of an endangered species: the Broad-headed Snake, *Hoplocephalus bungaroides* (Elapidae). *Australian Zoologist*, 25: 65-67.

Shine, R. & Lambeck, R. (1990). Seasonal shifts in the thermoregulatory behavior of Australian blacksnakes, *Pseudechis porphyriacus*. *Journal of Thermal Biology*, 15: 301-305.

Shine, R., Webb, J.K., Fitzgerald, M. & Sumner, J. (1995). An ecological survey of the Broad-headed Snake, *Hoplocephalus bungaroides* (Serpentes: Elapidae). Final Report to the Endangered Species Unit, Australian Nature Conservation Agency & Threatened Species Unit, NSW National Parks & Wildlife Service.

Simpson, K. & Day, N. (1993). *Field Guide to the Birds of Australia*. Penguin Books Australia, Girraween, New South Wales.

Slater, P. (1983a). *A Field Guide to Australian Birds. Volume 1. Non-passerines*. Rigby Books, Sydney.

Slater, P. (1983b). *A Field Guide to Australian Birds. Volume 2. Passerines*. Rigby Books, Sydney.

Strahan, R. (1983)(Ed.) *The Australian Museum Complete Book of Australian Mammals: A National Photographic Index of Australian Wildlife*. Collins Angus & Robertson Publishers, Sydney.

Strahan, R. (1992). (Ed.) *Encyclopaedia of Australian Animals*. Angus & Robertson, Sydney.

Strahan, R. (1996)(Ed.) *The Mammals of Australia*. Reed Books, Sydney.

Swan, G. (1990). *A Field Guide to the Snakes and Lizards of New South Wales*. Three Sisters Publications, Winmalee, New South Wales.

Tilley, S. (1982). The diet of the Powerful Owl, *Ninox strenua*, in Victoria. *Australian Wildlife Research*, 9: 157-175.

Thomson, J.A. & Owen, W.H. (1904). A field study of the Australian Ringtail Possum *Pseudocheirus peregrinus* (Marsupialia: Phalangeridae). *Ecological Monographs*, 34: 27-52.

Traill, B.J. (1995). Competition and co-existence in a community of forest vertebrates. Ph. D. Thesis, Monash University.

Triggs, B. (1997). *Tracks, scats and other traces; a field guide to Australian mammals*. Oxford University Press, Melbourne.

Troughton, E. (1946). *Furred Animals of Australia*. Angus & Robertson, Sydney.

Tyler, M. (1982). *Frogs*. Collins, Sydney.

Tyler, M. (1992). Encyclopaedia of Australian Animals. Frogs. Angus & Robertson Publishers, Sydney.

Tyler, M.J. (1994). Australian Frogs: A Natural History. Reed Books, Sydney.

Webb, G.A. (1983). Diet in a herpetological community on the Hawkesbury Sandstone Formation in the Sydney area. *Herpetofauna*, 14: 87-91.

Webb, G.A. (1987). A note on the distribution and diet of the Giant Burrowing Frog, *Heleioporus australiacus* (Shaw and Nodder, 1795)(Anura: Myobatrachidae). *Herpetofauna*, 17: 20-21.

Webb, J.K. & Shine, R. (1994). Habitat use by the broad-headed snake, *Hoplocephalus bungaroides*. Final Research Report. School of Biological Sciences, University of Sydney, NSW.

Wellington, C.R. (1996). Red-crowned Toadlet, another endangered frog? *Environmental Fax Sheet*, Series 4, No. 8: 1-2.

Wheeler, D., Jacobs, S. & Norton, B. (1982). Grasses of New South Wales. The University of New England, Armidale.

White, A.W., (1995). Disappearing frogs. *Australian Zoologist*, 30: 48-56.

Williamson, I. & Bull, C.M. (1989). Life history variation in a population of the Australian frog *Ranidella signifera*: egg size and early development. *Copeia*, 1989: 349-356.

Wilson, S. & Knowles, D.G. (1988). Australia's Reptiles: a photographic reference to the terrestrial reptiles of Australia. Collins Publishers, Sydney.

Worrell, E. (1963). Reptiles of Australia: Crocodiles, Turtles, Tortoises, Lizards, Snakes. Angus & Robertson, Sydney.

Wrigley, J.W. & Fagg, M. (1983). Australian Native Plants: A Manual for their propagation, cultivation and use in landscaping. Collins, Sydney.