

## SEMINAR

Friday 6 December 1991

# FIRE ECOLOGY OF *BANKSIA TRICUSPIS*

presented by Stephen van Leeuwen

Knowledge of a species response to fire is fundamental in the development of practicable strategies that ensure species conservation. This is especially true when the species are restricted, rare or endangered and occur in fire prone habitats. *Banksia tricuspis* is a Declared Rare Species occurring in the fire prone heaths of the northern kwongan in the Mt Lesueur area. Although not yet part of the CALM estate the Lesueur area, by virtue of its high conservation and landscape value, is managed in part by the Department. Fire management is included in this role. The success with which the Department preserves the area's values and achieves its stated conservation objectives are dependent, in part, on a sound base of scientific knowledge.

This presentation will discuss the post-fire response and sequence of events which influence the population dynamics of *B. tricuspis*. It addresses the issues of seed release and survivorship, seedling recruitment and survivorship, and adult mortality in relation to fire regimes. Recommendations for management aimed at maintaining existing populations through fire regime manipulation will be discussed.

**Venue:**  
Wildlife Research Centre  
CALM  
Ocean Reef Road (near Joondalup Drive)  
WOODVALE

**Time:** 3.00pm

