

School of Forest and Ecosystem Science - List of Laboratory Methods

METHOD Number	Version	date prepared	reviewed	Instrument	Author	Short name:
METHOD 000	v1.0	Sep-02		Template	ML	Template
METHOD 000a	v1.0	Oct-02		Template	ML	Template summary
METHOD 001	v1.0	Oct-02		ICP	ML	Soil Sulphur
METHOD 002	v1.0	Oct-02		HPLC	ML	Anions by DX-80
METHOD 002a	v1.0	Oct-02		HPLC	FJ	Anions by DX-2500
METHOD 003	v1.0	Sep-02		ICP	ML	Plant nutrients
METHOD 003s	v1.0	Nov-02		ICP	ML	Plant nutrients - Short version
METHOD 004	v1.0	Jun-02		Colorimetric - mar	ML	Soil Bray 2
METHOD 005	v1.0	Jun-02		ICP	ML	Soil excats - Gillman Sumpter
METHOD 006	v1.0	Apr-02		ICP	ML	Soil KCl Aluminium
METHOD 007	v1.0	Sep-02		Titration	ML	Chloride by titration
METHOD 008	v1.0	Sep-02		Radiometer pH/E	NA	pH EC
METHOD 009	v1.0	Dec-02		Bio	CB	CTAB DNA Extraction
METHOD 010	v1.0	Dec-02		Bio	CB	Polymerase Chain Reaction (PCR)
METHOD 011	v1.0	Dec-02		Bio	CB	Gel Electrophoresis
METHOD 012	v1.0	Dec-02		Bio	CB	DNA Extraction from Eucalypt Tissue
METHOD 013	v1.0	Oct-02		SFA	FJ	Total Nitrogen by automated colorimetric
METHOD 014	v1.0	Oct-02		ICP	NA	Total Phosphorous by ICP
METHOD 015	v1.0	Oct-02		SFA	ML	Mineralisable Nitrogen in Soil
METHOD 016	v1.0	Oct-02		SFA	ML	KCl extractable NH4-N, NO3-N, NO3-N in soil
METHOD 017	v1.0	Jan-03		Hach/Filtration	ML	Turbidity and suspended solids
METHOD 018	v1.0	Dec-03		Separating funnel	SL	Purification of Chloroform
METHOD 019	v1.0	Dec-03		Desiccator	SL	Fumigation-Extraction of microbial C
METHOD 020	v1.0	Dec-03		UV-Vis	SK	UV-Vis analysis for microbial C
METHOD 021	v1.0	Dec-03		UV-Vis	SK	Walkely-Black Colorimetric C
METHOD 022	v1.0	Dec-03		Titration	SK	Walkely-Black K2SO4 extractable C
METHOD 023	v1.1	Dec-03		LECO CHN 2000	ML	LECO C/N
METHOD 024	v1.0	Jan-04		UV-Vis	CW	starch and soluble sugars by extraction with anthrone
METHOD 025	v1.0	Jan-04		UV-Vis	CW	Chlorophyll extraction with DMSO
METHOD 026	v1.1	Nov-03		CE	CW	CE - cations
METHOD 027	v1.0	Feb-04		field	BP	Preparation of buffering formalin
METHOD 028	v1.1	Jul-04		Respicond	SL	Respicond
METHOD 029	v1.0	Jul-04		field	BP	Ground shooting of Deer
METHOD 030	v1.0	Jul-04		field	BP	Necropsy of deer in the field
METHOD 031	v1.0	Mar-04		sieves	BP	Extraction of reproductive material
METHOD 032	v1.0	Jul-04		UV-Vis	EH	Amino Acids in Phloem Sap by ninhydrin
METHOD 033	v1.0	Dec-04		HPLC	TT	Sugar Phosphates
METHOD 034	v1.0	Mar-05		Microscope	JD	ID of plant Fragments
METHOD 035	v1.0	Mar-05		ICP	NA	Water Nutrients
METHOD 036	v1.0	Mar-05		IRMS	SL	Isotope signature of soil inorganic N
METHOD 037	v1.0	Mar-05		IRMS	EH	Root N uptake with excised roots
METHOD 038	v1.0	May-05		UV-Vis	Ska	Soil water soluble organic C
METHOD 039	v1.0	Jun-05		UV-Vis	EH	Soil Organic N ninhydrin and UV-Vis
METHOD 040	v1.0	Jun-05		UV-Vis	EH	P colorimetric
METHOD 041	v1.0	Jun-05		MCW		Methanol chloroform water extraction of sugars amino acids organic acids
METHOD 042	v1.0	Jun-05		HPLC	AC	Carbohydrates analysis on DX2500
METHOD 043	v1.0	Jun-05			AA	root staining with trypan blue
METHOD 044	v1.0			CE	CW	Rubisco, protein in plant material
METHOD 045	v1.0			UV-Vis	RD	Superseded see ml - LD : Biochemical Analysis of glutathione in <i>Eucalyptus globulus</i> and <i>E. camaldulensis</i> leaves
METHOD 046	v1.0	May-07		herbarium	TD	Id and Preservation of plant specimens