PLATES
(A) Areca-AR; (B) Cashew-CA; (C) Rubber-RU; (D) Forest Teak-KFD; (E) Teak under private owners-TE and (F) Coconut-CO are the major landuse systems.
(A) Homegardens-HG; (B) Polyculture farms-OG; (C) Areca mixed with annuals-AV; (D) Areca mixed with perennials-AM and (E) Coconut mixed with perennials-CM are the major landuse systems
PLATE IV
FOREST ECOSYSTEMS

(A) Degraded forest-DF; (B) Moist deciduous forest-MDF and (C) Semi-evergreen forest-SEF are the major landuse systems.
PLATE V

COLLECTION AND EXTRACTION OF SOIL MACROFAUNA

Soil monolith

Handsorbing of macrofauna from the soil sample
PLATE VI

SAMPLING OF MAJOR SOIL MACROFAUNAL GROUPS

I- ANTS

(A) Pitfall trap, (B) Ant nest; (C) Digging soil for earthworms, (D) Mature worms are sorted out for preservation; (E) Searching for termite in soil, (F) Preserving termites in vials with alcohol

II- EARTHWORMS

III- TERMITES
PLATE VII
Ants collected from the study area

Tertaponera rufonigra
Tetramorium smithi
Tetramorium rothneyi (Pheidole sp.)

Technomyrmex albipes
Solenopsis geminata
Odontomachus punctulatus

Myrmicaria brunnea
Ectatomma sp. (Pachycondyla rufipes)
Monomorium floricola (M. ranoplus sp.)

Monomorium dichromum
Lobopelta ocellifera
Lobopelta birmana
Leptogenys professionalis
Pachycondyla sp.
PLATE VII (cont'd)

Diacamma assamence

Crematogaster rothneyi

Cardiocondyla parvinoda

Cardiocondyla wroughtoni

Camponotus sericeus

Camponotus parius

Camponotus mitis

Camponotus compressus

Camponotus binghami

Anochetus punctiventris

Anoplolepis longipes

Oecophylla smaragdina
PLATE VIII
Termites and Earthworms collected from the study area

TERMITES

*Odontotermes obesus* (Soldier)  *Odontotermes feae* (Soldier)  *Trinervitermes* sp. (Soldier)

*Heterotermes* sp. (Soldier)  *Dicuspidermes* sp. (Worker)

EARTHWORMS

*Megascolex* sp.  *Drowida* sp. A

*Glyphidrilus* sp.  *Drowida* sp. B

*Dichogaster* sp.  *Pontoscolex corethrurus*