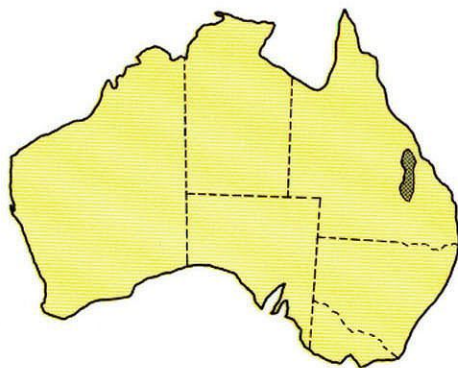
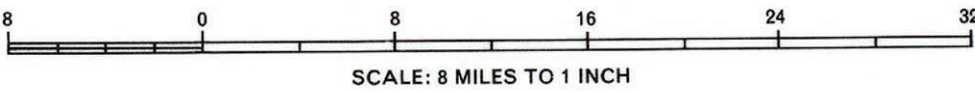


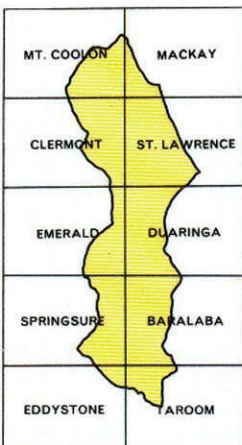
DIVISION OF LAND RESEARCH  
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION

ISAAC-COMET AREA  
QUEENSLAND AUSTRALIA  
LAND SYSTEMS

By R. Story, R. W. Galloway, and R. H. Gunn



LOCALITY MAP



INDEX TO 4 MILE SHEETS

REFERENCE

MOUNTAINS

- Black Alley (55 sq miles).** High basalt tableland; shallow rocky soils (Rugby); savannah woodland of narrow-leaved ironbark, gum, and box
- Britton (50 sq miles).** Steep mountains on volcanic rocks; shallow rocky soils; softwood scrub or savannah woodland of narrow-leaved ironbark
- Carborough (1910 sq miles).** Rocky mountains and hills on quartz sandstone; shallow rocky soils (Shotover); shrub woodland of narrow-leaved ironbark and bloodwood, some lancewood or bende
- Percy (300 sq miles).** Mountains on basalt and volcanic plugs; shallow rocky soils (Rugby); savannah woodland of narrow-leaved ironbark and mountain coolibah

HILLS

- Woodlands**
  - Eastern mid-height grass and sparse grass**
  - Planet (400 sq miles).** Plateaus, lowlands, and low hills on sandstone; shallow rocky soils and uniform coarse-textured soils (Petrona, High-mountain); shrub woodland of narrow-leaved ironbark and bloodwood
  - Skeleton (285 sq miles).** Dissected tableland margins and bouldery slopes; shallow rocky soils (Rugby); savannah woodland of ironbark
- Blue grass**
  - Waterford (355 sq miles).** Low tabular hills and intervening lowlands on basalt; cracking clay soils (Bruce, Arcturus); open savannah woodland of silver-leaved ironbark with downs
- Softwood scrub**
  - Bedourie (125 sq miles).** Low hills on shale and weathered basalt; dark brown and grey-brown soils (Ingelara) and shallow rocky soils (Rugby); softwood scrub
- Bendee and lancewood scrubs**
  - Durrandella (1010 sq miles).** Dissected hills and mesas on weathered sedimentary rocks; shallow rocky soils (Shotover); lancewood or bende or savannah woodland of narrow-leaved ironbark

TABLELANDS

- Junea (685 sq miles).** Undulating country and tablelands on Tertiary sandstone; loamy red and yellow earths (Dunrobin, Struan); savannah woodland of narrow-leaved ironbark

LOWLANDS

- Woodlands**
  - Texture-contrast soils**
    - Coltherstone (580 sq miles).** Stony hills and stony or sandy lowlands; texture-contrast soils (Luxor, Springwood); savannah woodland (ironbark) or mixed shrub woodland (box)
    - Hillalong (120 sq miles).** Lowlands with low strike ridge-and-valle relief; shallow texture-contrast soils (Medway, Southernwood); savannah woodland of box and ironbark
    - Moorooloo (135 sq miles).** Undulating gravelly clay spreads over weathered basalt; texture-contrast soils (Wyseby, Taurus); open savannah woodland of silver-leaved ironbark
    - Monteagle (1655 sq miles).** Plains, lowlands, and gentle colluvial slopes; texture-contrast soils (Broadmeadow, Luxor); savannah woodland of box
    - Revan (330 sq miles).** Gravelly lowlands; texture-contrast soils (Wyseby, Springwood); savannah woodland of ironbark and box
  - Cracking clays**
    - Nebo (180 sq miles).** Lowlands and plains on volcanics and gravelly fans; cracking clay soils (May Downs, Bruce) and texture-contrast soils (Taurus, Wyseby); savannah woodland of bloodwood, box, and ironbark
  - Brigalow scrub**
    - Arcadia (575 sq miles).** Lowlands on shale with extensive gravel patches; dark brown and grey-brown soils (Cheshire) and cracking clay soils (Rollleston, Pegunny); brigalow and wilga
    - Barwon (140 sq miles).** Lowlands on folded shale and sandstone; cracking clay soils (Teviot) and shallow texture-contrast soils (Southernwood, Medway); bands of brigalow and open savannah woodland
    - Blackwater (825 sq miles).** Plains on acid clay, frequently gravelly; cracking clay soils (Rollleston); brigalow
    - Dawson (480 sq miles).** Plains and lowlands on weathered shale; cracking clay soils (Teviot); brigalow
    - Humboldt (2245 miles).** Plains and lowlands on acid clay, frequently gravelly; texture-contrast soils (Taurus, Retro); blackbutt and brigalow
    - Somerby (365 sq miles).** Plains on acid clay, frequently gravelly; gilgaled cracking clay soils (Pegunny); brigalow
  - Softwood scrub**
    - Racecourse (165 sq miles).** Plains and lowlands on weathered basalt; cracking clay soils (Glenora) and dark brown and grey-brown soils (Gindie); softwood scrub and brigalow
- Grassland**
  - Oxford (1000 sq miles).** Lowlands on basalt; cracking clay soils (May Downs); downs
  - Girrah (525 sq miles).** Lowlands and plains on shale; cracking clay soils (Teviot); downs and brigalow
- ALLUVIUM**
  - Comet (805 sq miles).** Lower alluvial clay plains, subject to flooding; cracking clay soils (Vermont); brigalow
  - Connors (970 sq miles).** Higher alluvial plains, terraces, and sandy levees not extensively flooded; texture-contrast soils (Springwood, Broadmeadow); savannah woodland of box
  - Funnel (465 sq miles).** Lower alluvial clay plains, subject to flooding; cracking clay soils (Vermont); savannah woodland of coolibah

Drawn by Division of Land Research, Commonwealth Scientific and Industrial Research Organization; topographic base by Division of National Mapping, Department of National Development, Canberra.