

經濟技術協力国別資料

# ケニア

REPUBLIC OF KENYA

地域開発適地判断地図

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1987年 3月

国際協力事業団  
企画部地域課

地 域

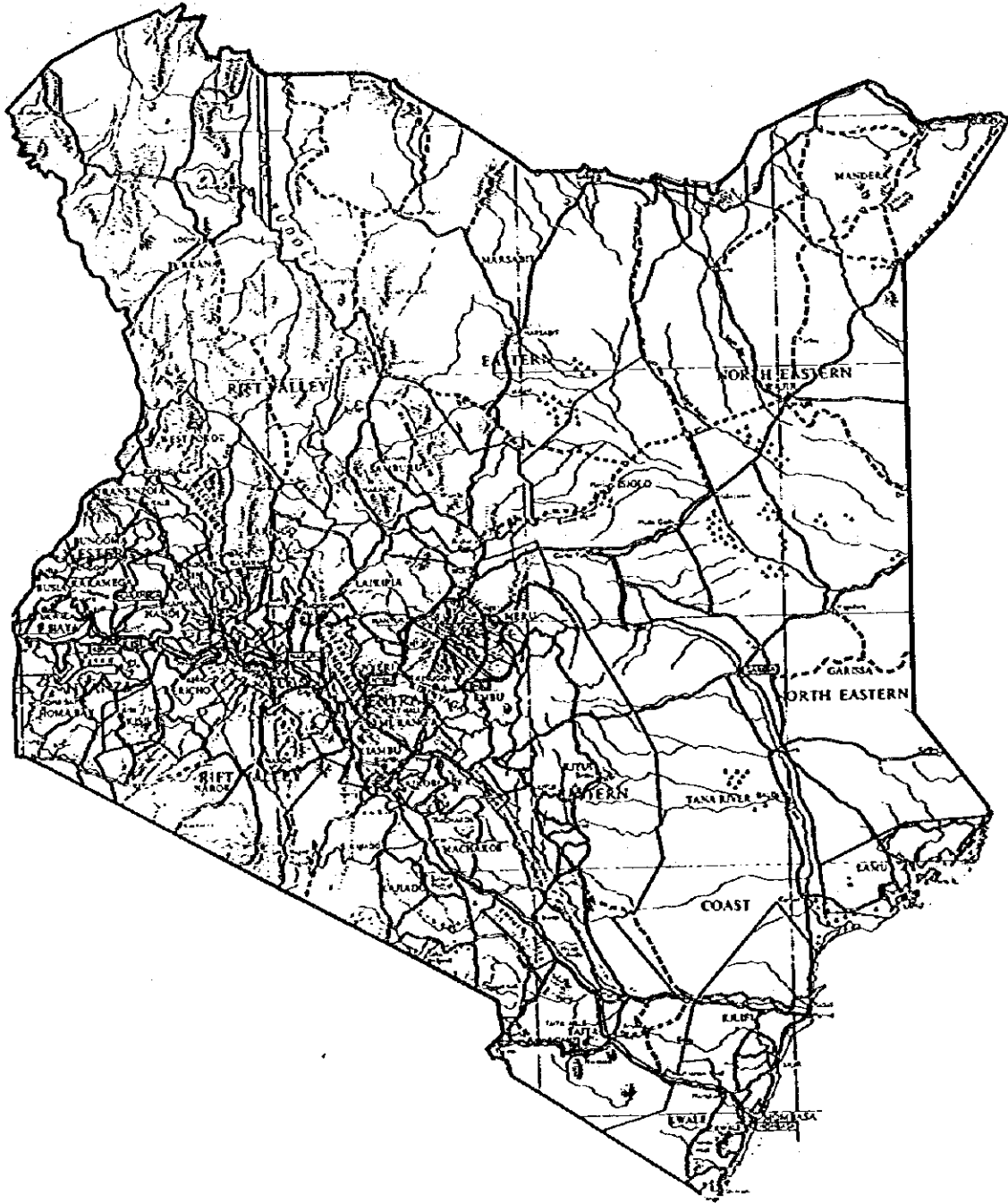
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# ケニア共和国に於ける

## 地域開発適地判断地図



国際協力事業団  
企画部地域課

1987年3月

International Cooperation Association  
International Cooperation Association



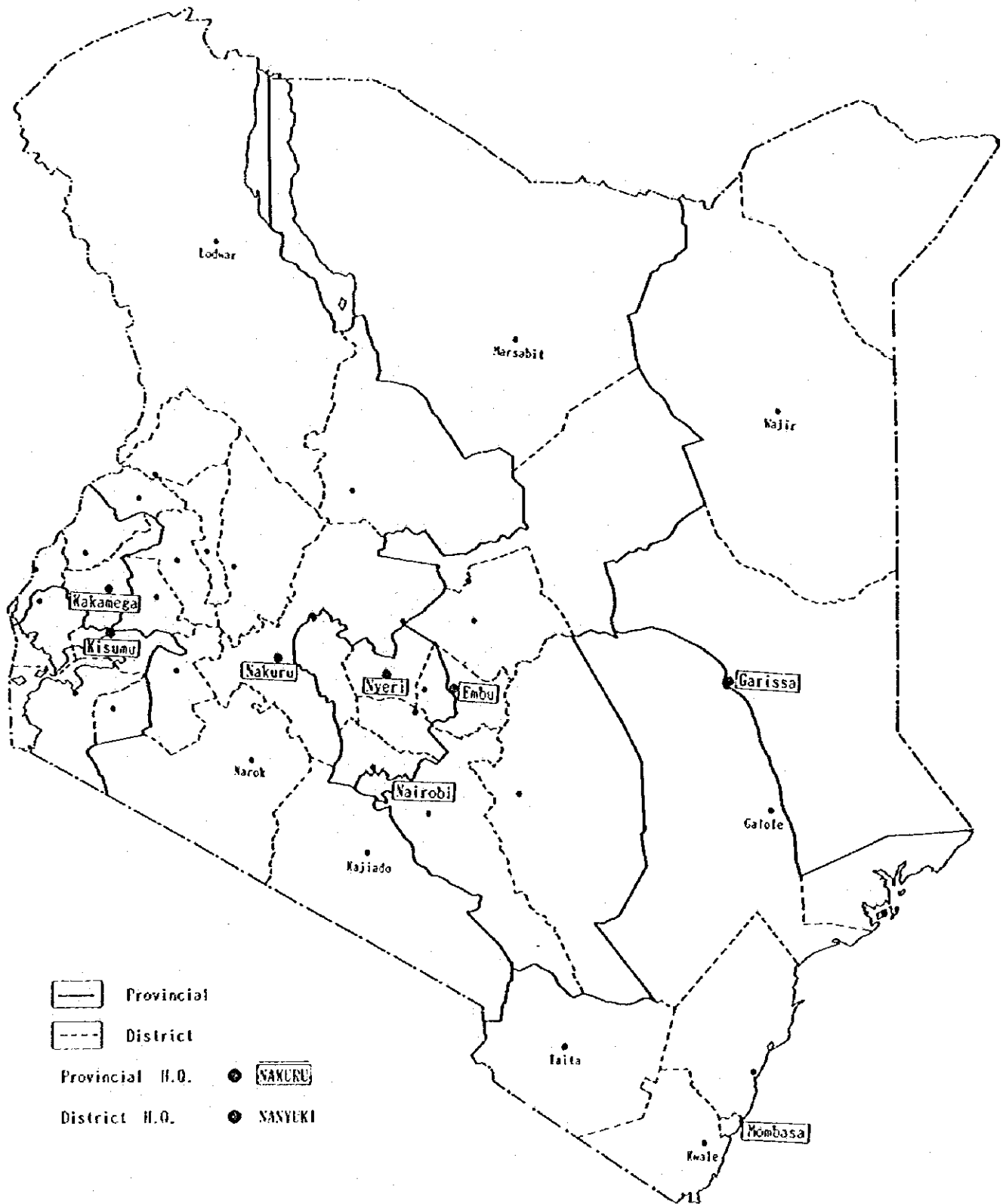
国際協力事業団		
受入 月日	'87. 7. 18	407
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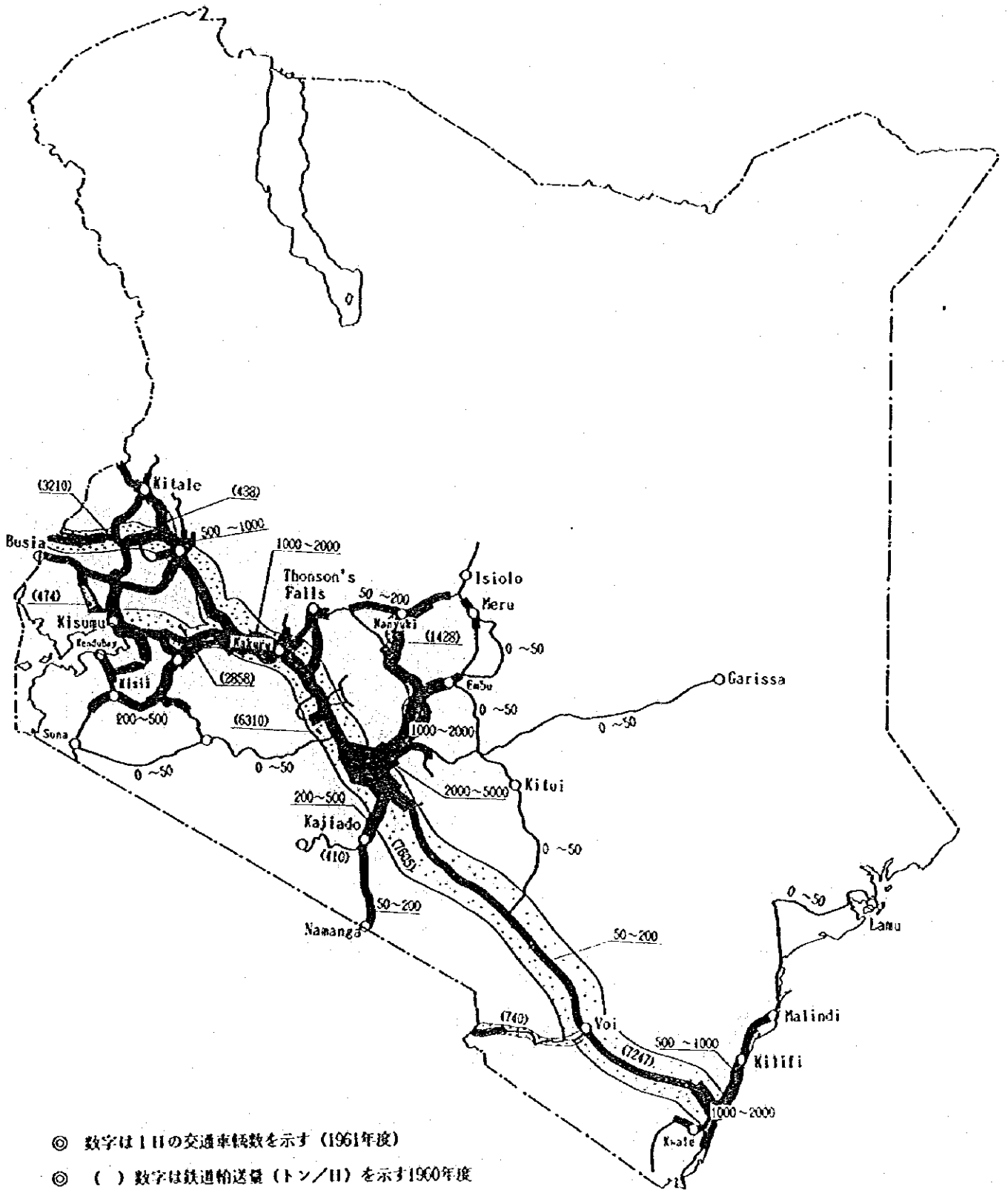
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# 1. 地勢行政図

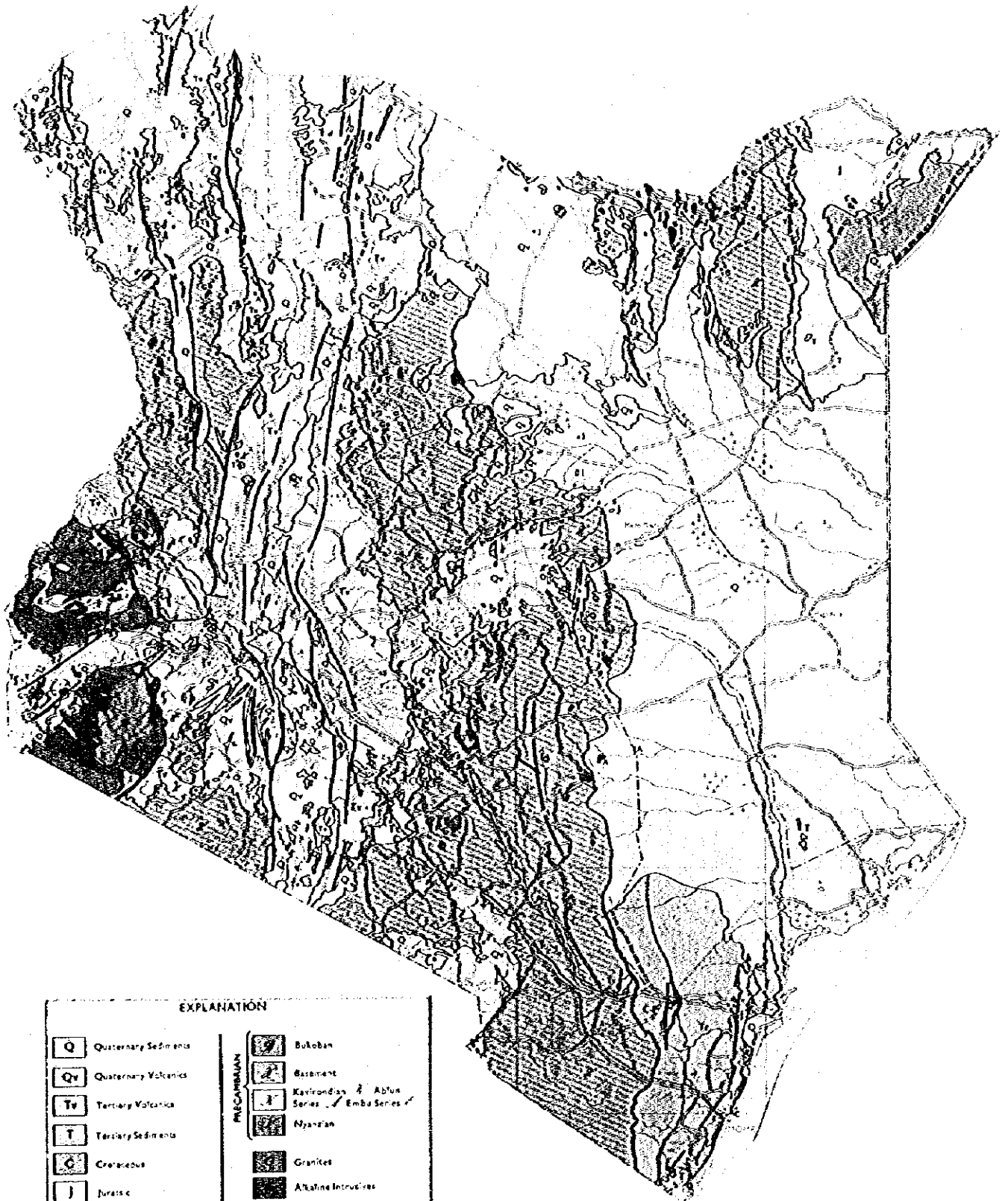


## 2. 流通図（経済交通）



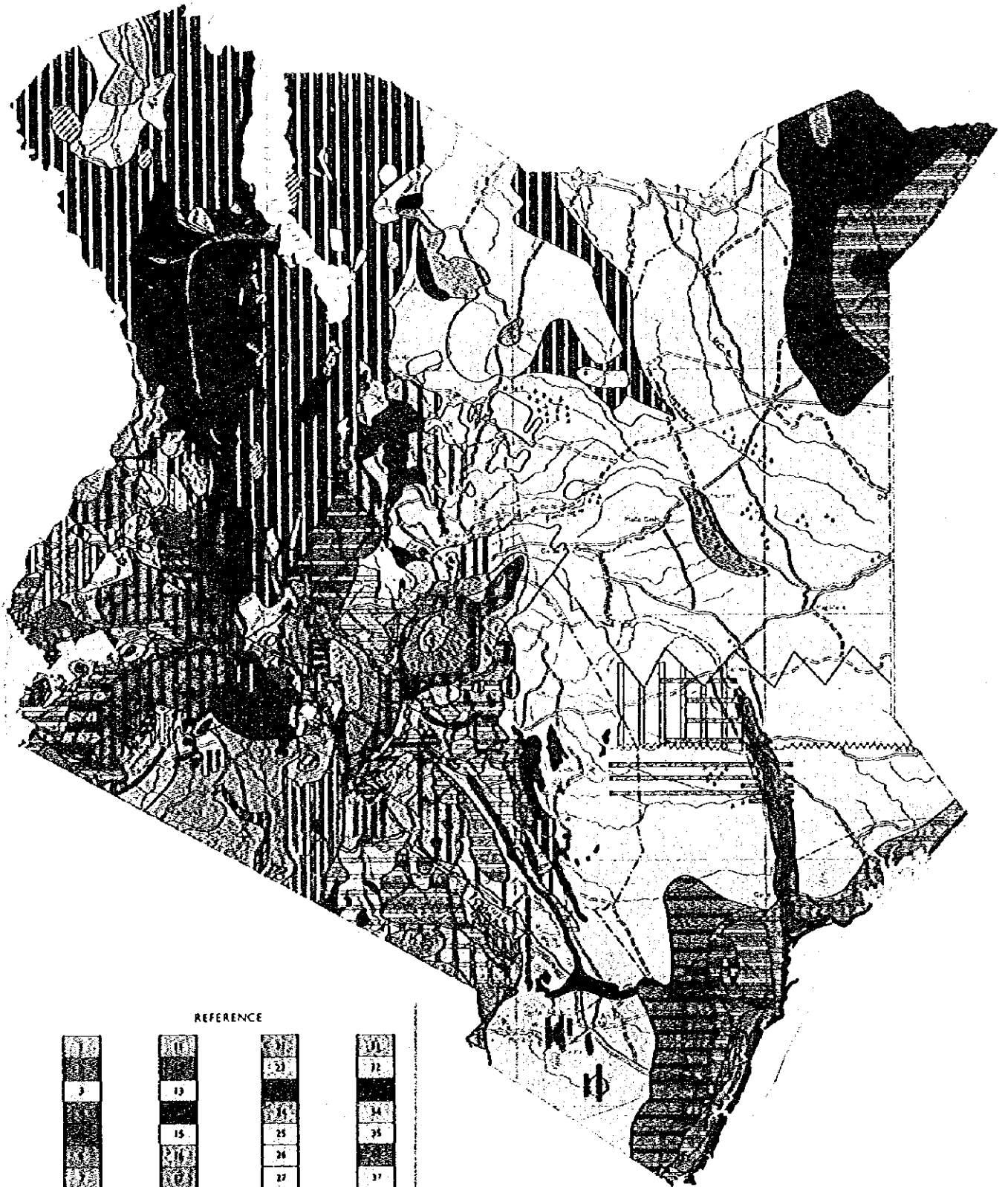


### 3. 地質図

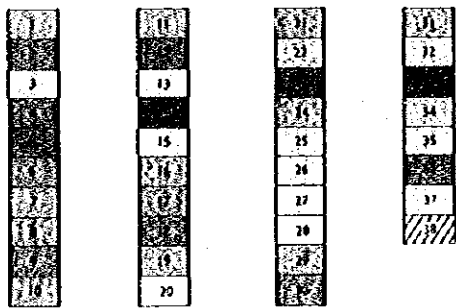


EXPLANATION			
<b>Q</b>	Quaternary Sediments		Bukoban
<b>Qv</b>	Quaternary Volcanics		Basement
<b>Tr</b>	Tertiary Volcanics		Kavirondian & Ab'us Series
<b>T</b>	Tertiary Sediments		Emba Series
<b>C</b>	Cretaceous		Nyan'ian
<b>J</b>	Jurassic		Granites
<b>Tr</b>	Triassic		Alkaline Intrusives
<b>C-P</b>	Carboniferous-Permian		Other Intrusives
			Tertiary Carbonatite Centres
			Faults

# 4. 土壤図

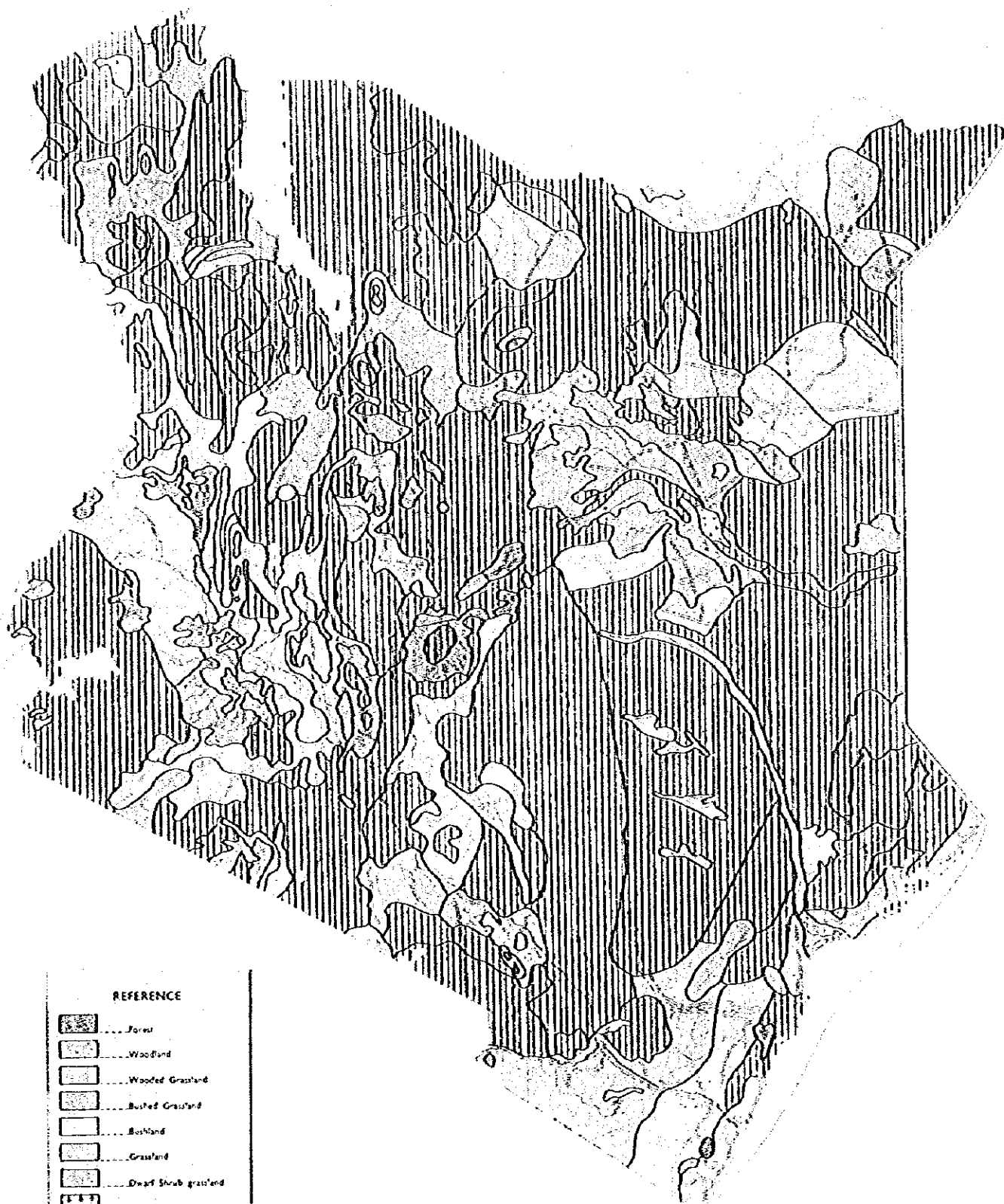


## REFERENCE



Prepared by the author, with G.M. Galt, Engineer and R.M. Smith, Director, Michigan Agricultural Experiment Station, and published by permission of the Director of the Bureau of Land Management.

# 5. 植生図

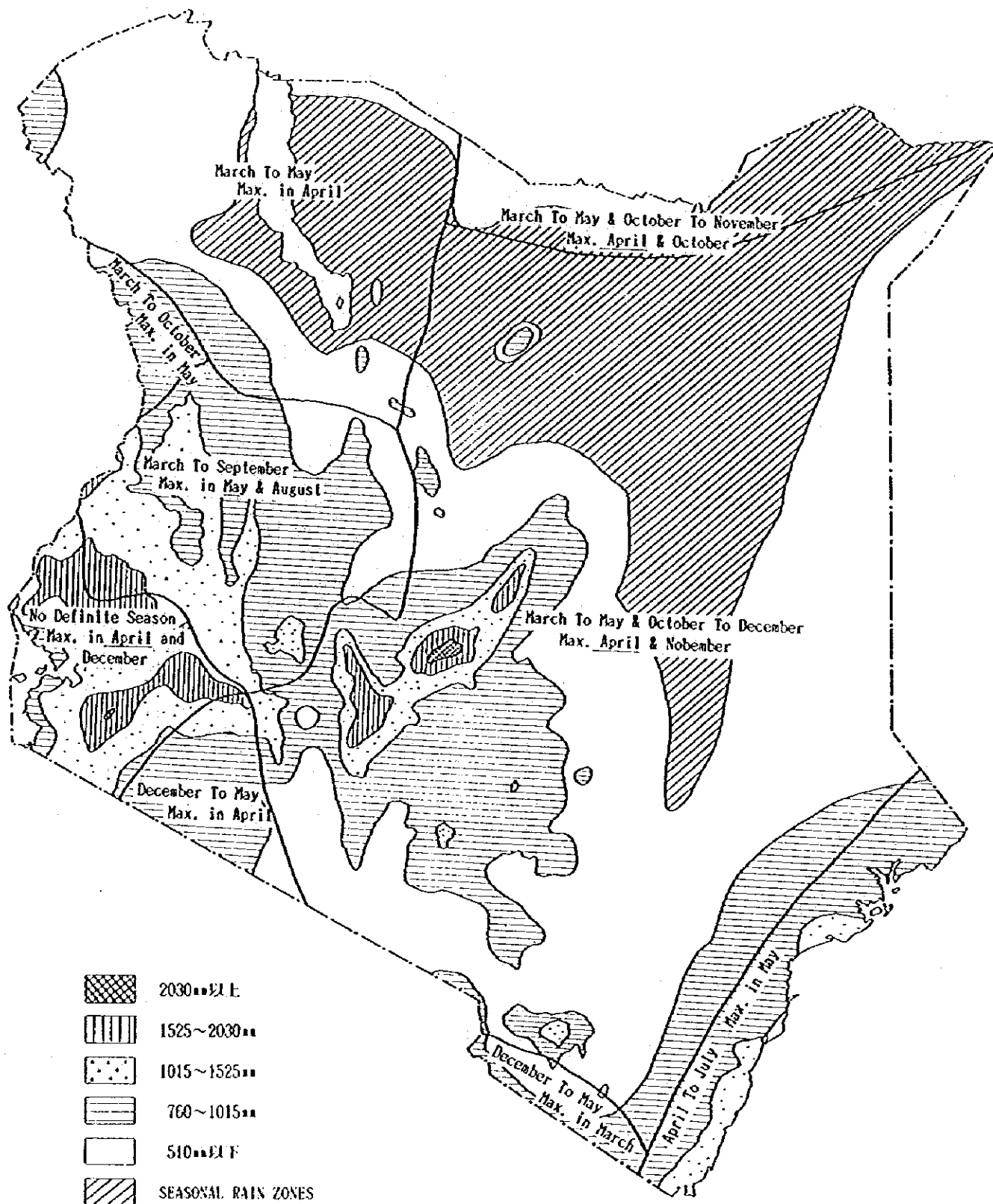


REFERENCE

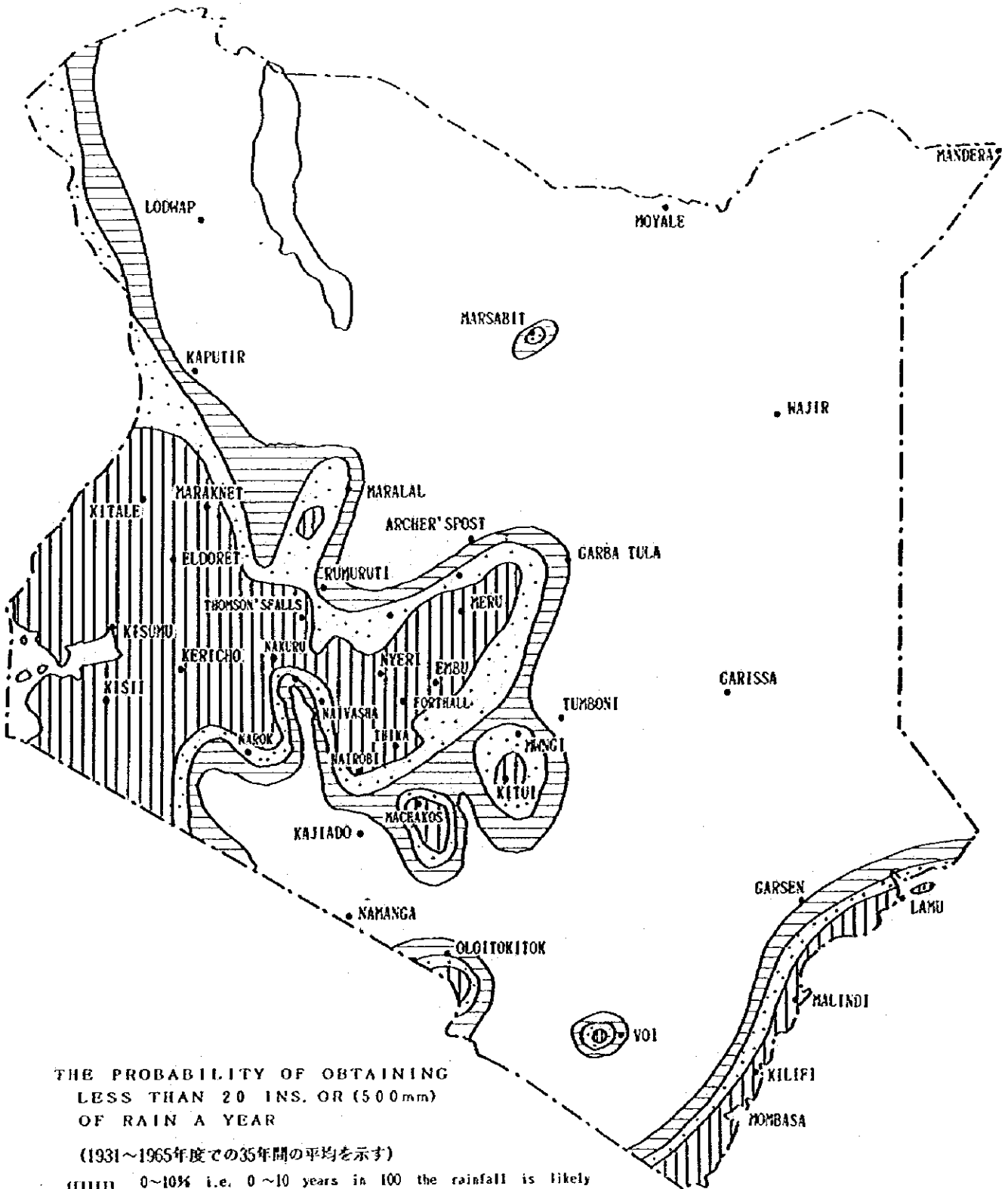
	Forest
	Woodland
	Wooded Grassland
	Bushed Grassland
	Bushland
	Grassland
	Dwarf Shrub grassland
	Permanent Swamp
	Barren Land

Compilation information supplied by the Ministry of Agriculture

## 6. 気象図 (雨量mean annual rainfall) (1)







# 気象図 (雨量) (2)

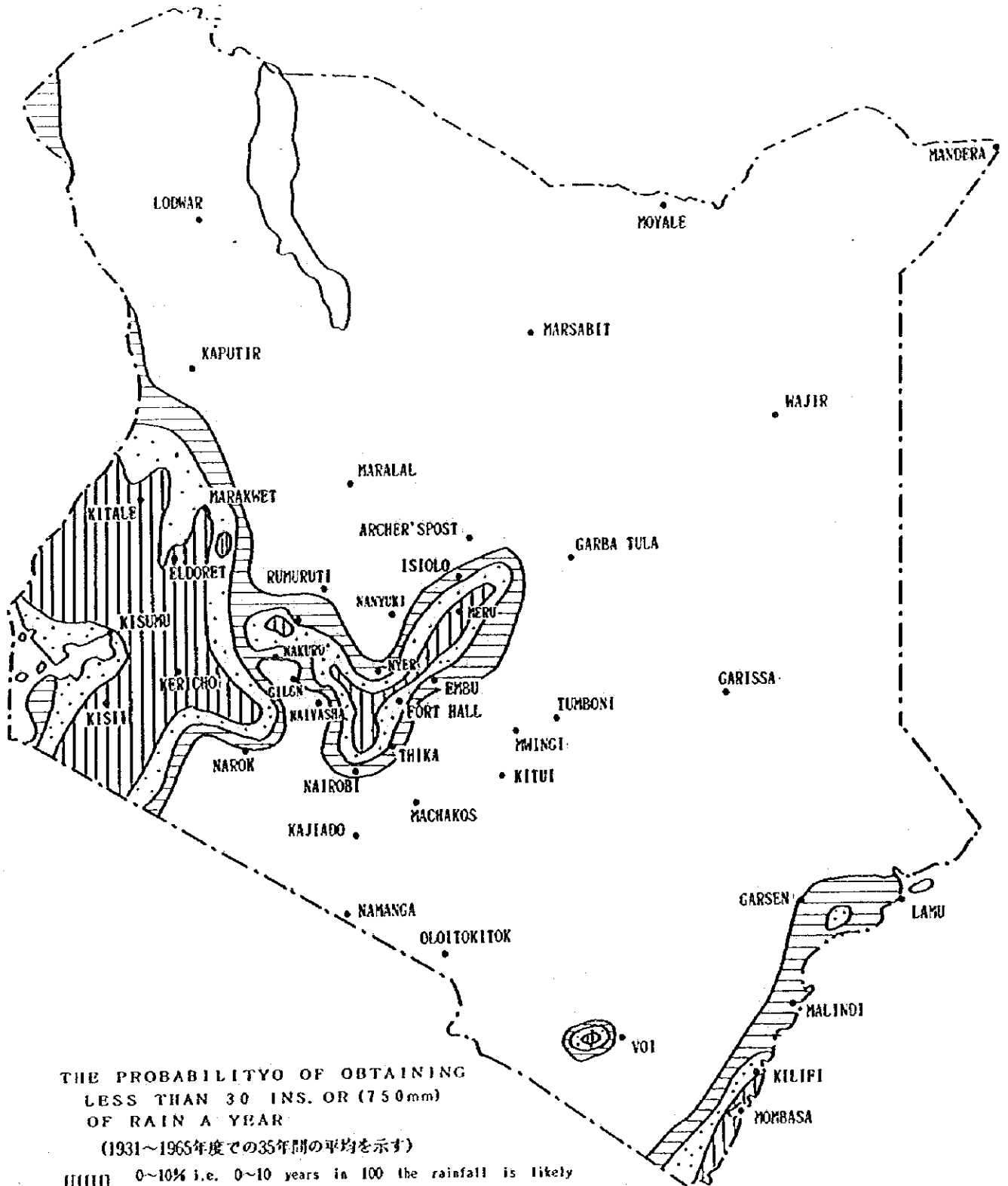


THE PROBABILITY OF OBTAINING  
LESS THAN 20 INS. OR (500mm)  
OF RAIN A YEAR

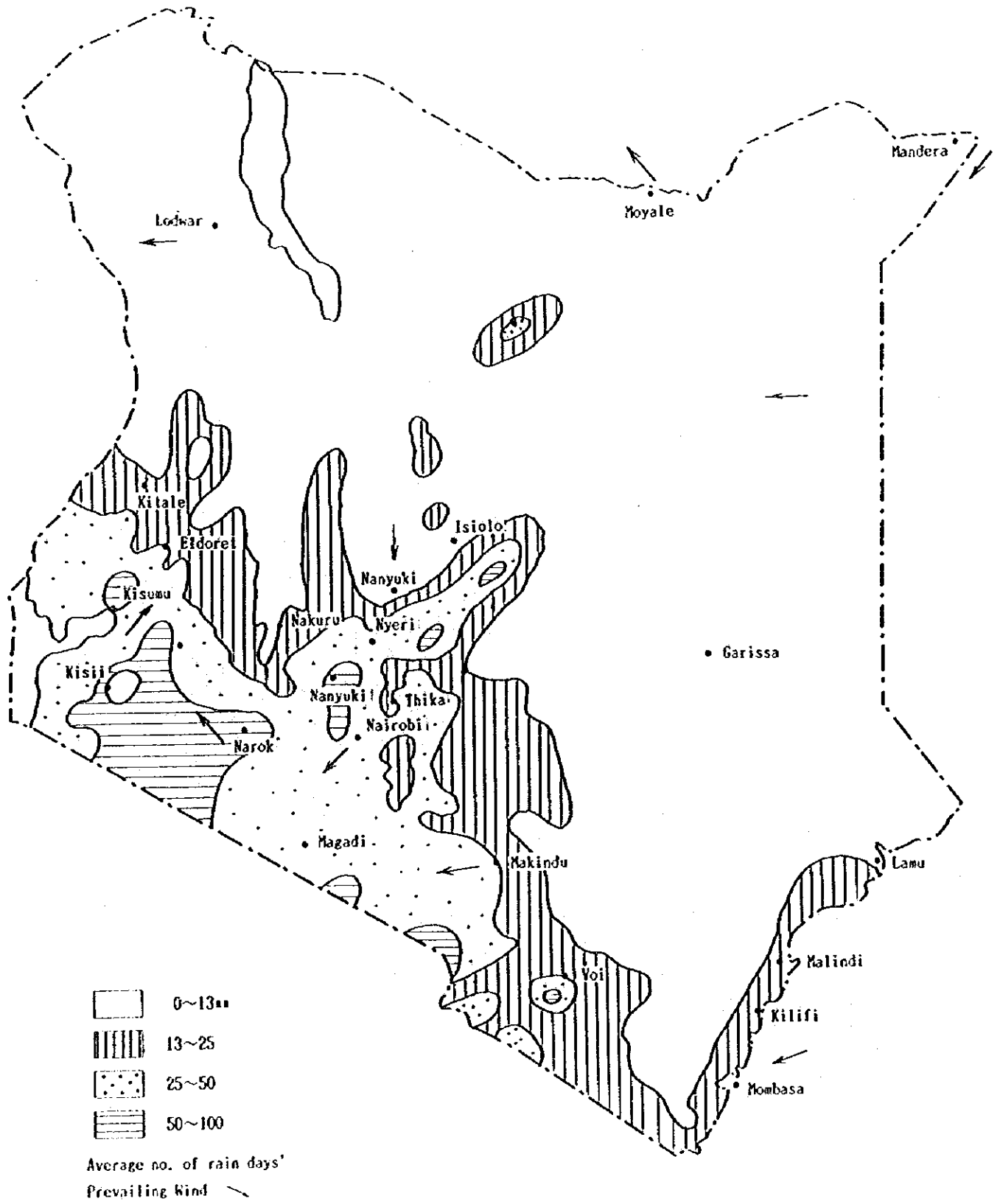
(1931~1965年度での35年間の平均を示す)

- 
 0~10% i.e. 0~10 years in 100 the rainfall is likely  
to be less than 20 inches or 500mm
- 
 10~20% i.e. 10~20 " "
- 
 20~30% i.e. 20~30 " "
- 
 30~100% i.e. 30~100 " "

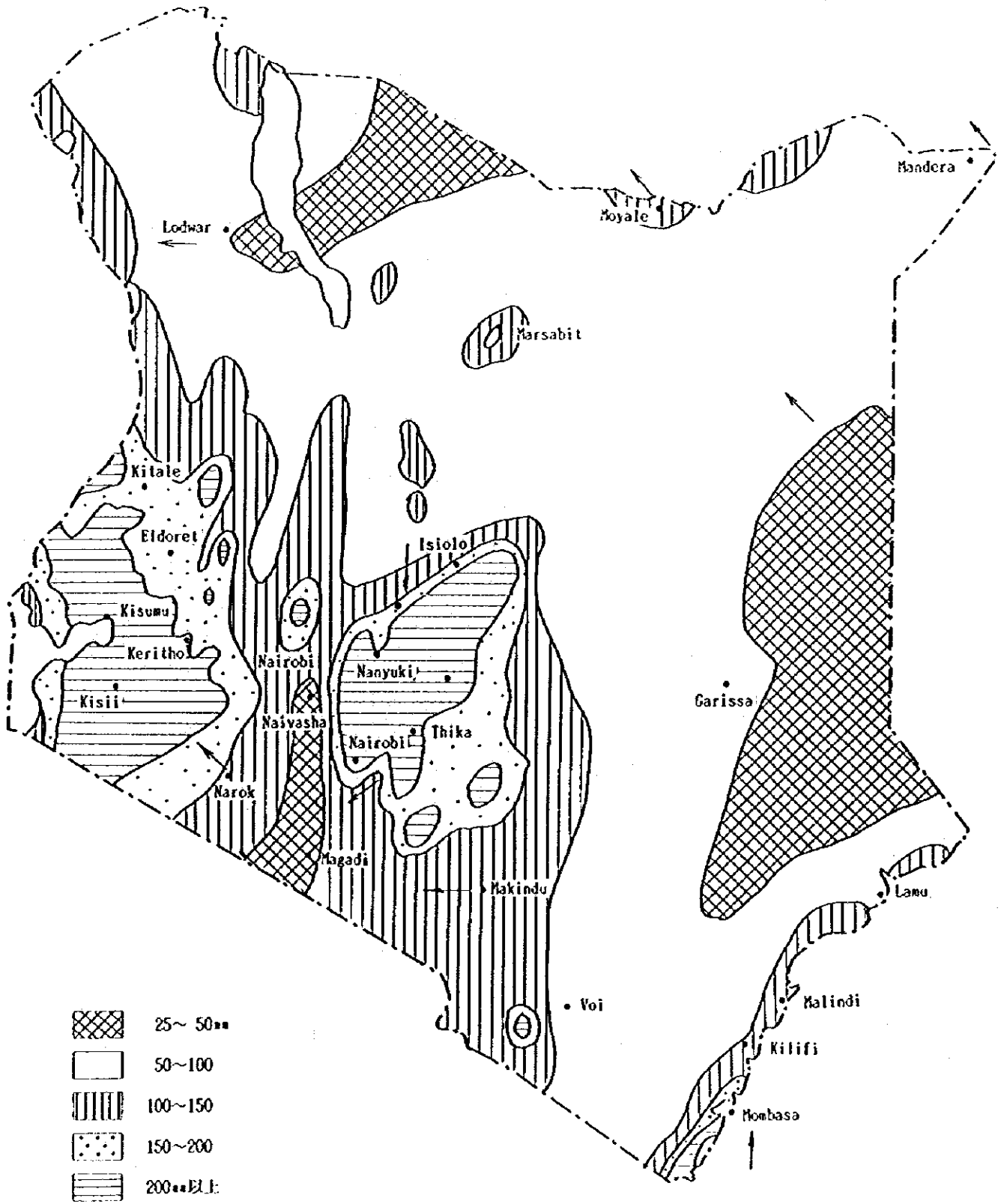
# 気象図 (雨量) (3)









# 気象図 (雨量1月) (4)



気象図 (気温 4月) (5)

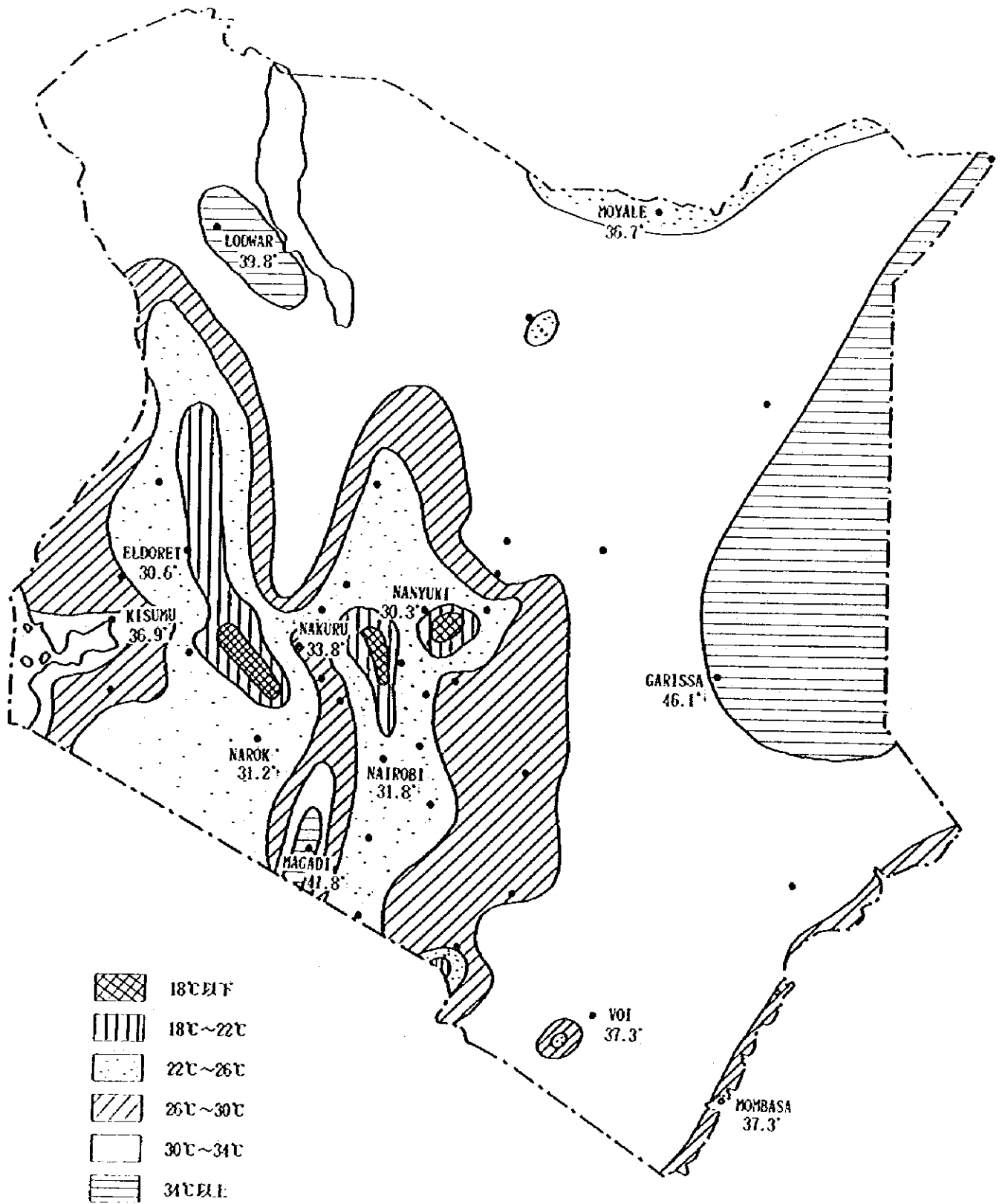


-  25~50
-  50~100
-  100~150
-  150~200
-  200以上

Average no. of rain days  
 Prevailing Wind 

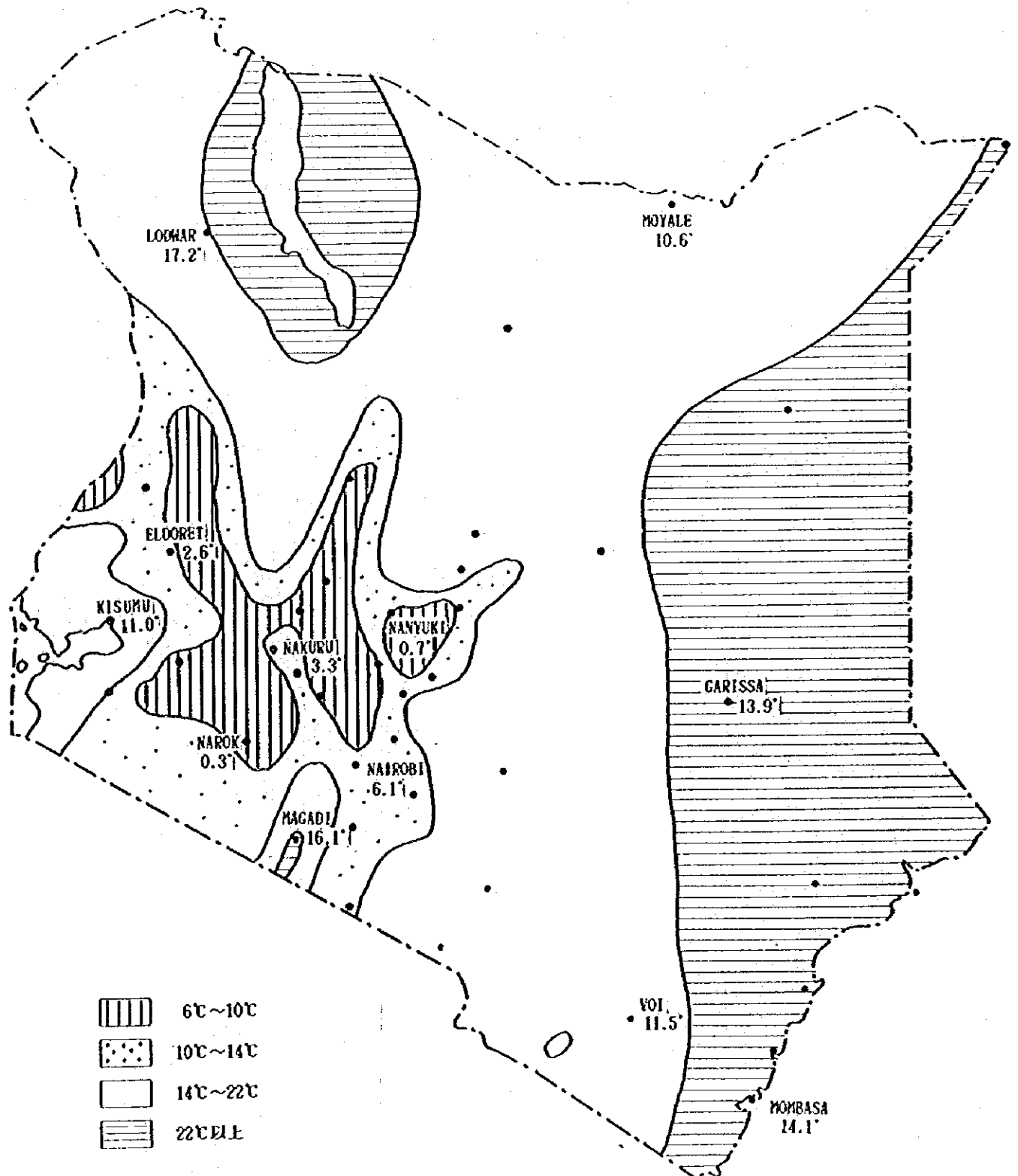






# 気象図 (気温最高) (6)



● 印は観測地点の20年間の平均温度

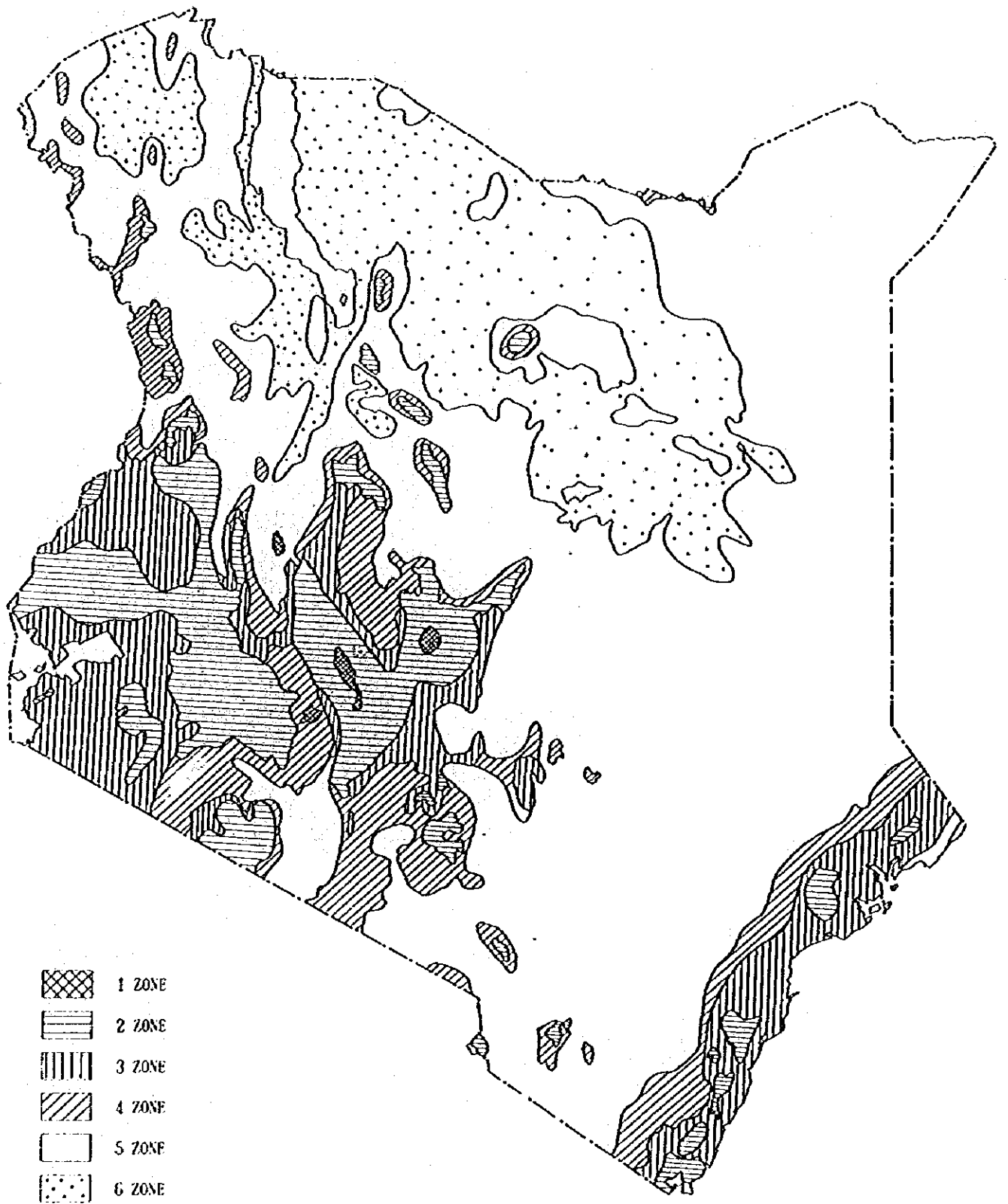
# 気象図 (気温最低) (7)



-  6℃~10℃
-  10℃~14℃
-  14℃~22℃
-  22℃以上

● 印は観測地点の20年間の平均温度

# 7. 土地生態図 (乾燥度区分)



(次頁参照)

The ecological range of some important indicator species used in delineating eco-climatic zone boundaries

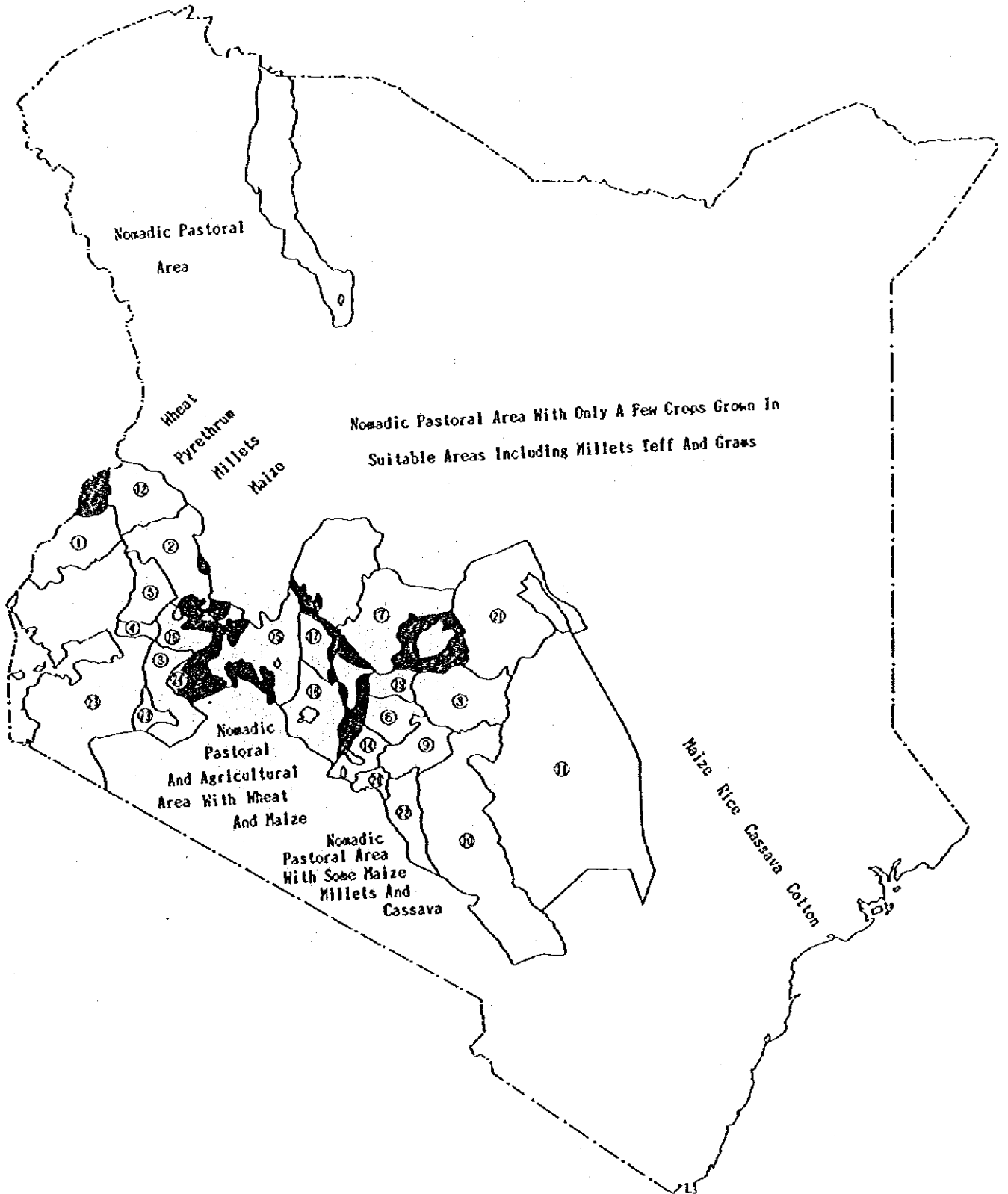
SPECIES	ZONE					
	II	III	IV	V	VI	
<i>Arundinaria alpina</i>	—					
<i>Podocarpus</i> spp.	—					
<i>Pennisetum clandestinum</i>	—	—				
<i>Albizia gummifera</i>	—	—				
<i>Acacia abyssinica</i> ( <i>A. fahsi</i> )	—	—				
<i>Juniperus procera</i>	—	—				
<i>Dodonaea viscosa</i>		—	—			
<i>Acalanthera</i> spp.		—	—			
<i>Combretum molle</i>		—	—			
<i>Acacia hockii</i>		—	—			
<i>A. gerrardii</i> ( <i>Albizia amara</i> )			—	—		
<i>A. seyal</i> ( <i>Thespesia danii</i> )			—	—		
<i>Diospyros bussei</i>			—	—		
<i>Acacia drepanolobium</i>			—	—		
<i>Croton dichogamos</i>			—	—		
<i>Acacia etbaica</i> ssp. <i>uncinata</i>			—	—		
<i>A. bussei</i>				—	—	
<i>A. mellifera</i> ( <i>Commiphora africana</i> )				—	—	
<i>Chloris roxburghiana</i>				—	—	
<i>Acalypha fruticosa</i>				—	—	
<i>Boswellia hildebrandtii</i>				—	—	
<i>Delonix elata</i>				—	—	
<i>Acacia gottleui</i> ( <i>A. horrida</i> )				—	—	
<i>A. reficiens</i> ( <i>Indigofera spinosa</i> )					—	—

#### VEGETATION AND LAND-USE

- I Moorland and grassland or barren land, at high altitude above the forest line; of limited use and potential, except as water catchment and for tourism.
- II Forests and derived grasslands and bushlands, with or without natural glades. The potential is for forestry (with local wildlife and tourist development) or intensive agriculture, including pyrethrum, coffee and tea at the higher altitudes. The natural grassland, under intensive management for optimum production, supports one stock unit per 1-1½ ha, dependent on grassland type. (Ground water forests occur under climates drier than dry sub-humid.)
- III Land not of forest potential, carrying a variable vegetation cover (moist woodland, bushland or "savanna"), the trees characteristically broad-leaved (e.g. *Combretum*) and the larger shrubs mostly evergreen. The agricultural potential is high, soil and topography permitting, with emphasis on ley farming. Areas under range-use are still extensive and under close management their stock-carrying capacity is high, at less than 2 ha. per stock unit.
- IV Land of marginal agricultural potential, carrying as natural vegetation dry forms of woodland and "savanna" (often an *Acacia-Themeda* association) or derived semi-evergreen or deciduous bushland. This is potentially productive rangeland—usually less than 4 ha. per stock unit—limited mainly by the encroachment of woody species. The more open country with a high density of wildlife constitutes a valuable tourist asset.
- V Land only very locally suited to agriculture, the woody vegetation being dominated by *Commiphora*, *Acacia* and allied genera, mostly of shrubby habit. Perennial grasses such as *Cenchrus ciliaris* and *Chloris roxburghiana* can dominate, but succumb readily to harsh management; more than 4 ha. is required per stock unit. Wildlife is important, particularly where dry thorn-bushland predominates. Burning requires great caution but can be highly effective in bush control.
- VI Rangeland of low potential, the vegetation being dwarf shrub grassland, or a very dry form of bushed grassland with *Acacia reficiens* subsp. *miseria*, often confined to water courses and depressions with barren land between. Perennial grasses (e.g. *Chrysopogon aucherii*) are localized within a predominantly annual grassland; productivity is confined largely to unreliable seasonal flushes and grazing systems must be based on nomadism. The populations of both wild and domestic stock are restricted severely by the environment.

(Climatic Zone VII, which is true desert, with a moisture index of -57 to -60, does not occur in Kenya.)

# 8. 農産物生産形態

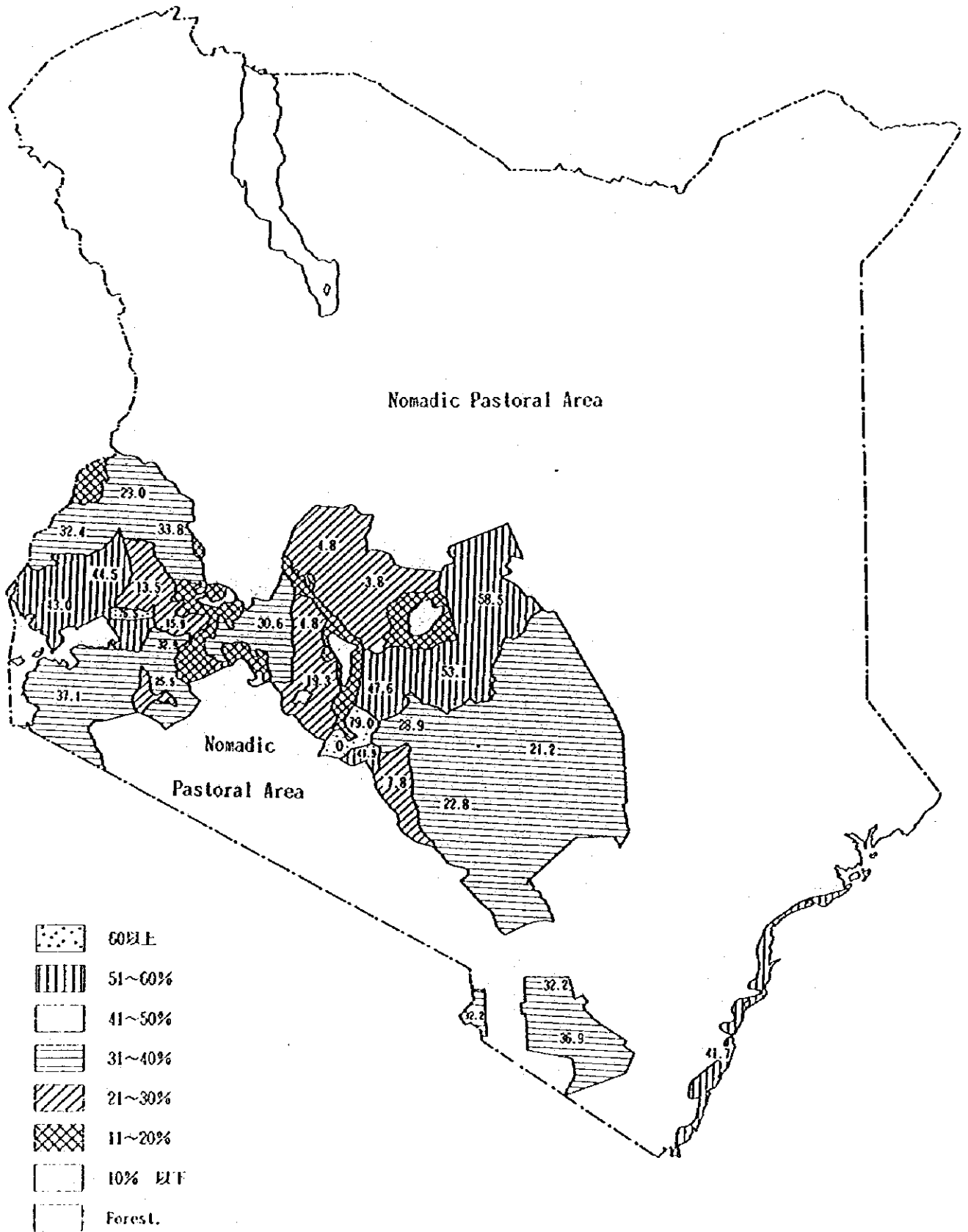


- ① Maize Millets Cassava  
Cotton
- ② Wheat Wattle Maize  
Sisal Grass Leys
- ③ Maize  
Millets
- ④ Sugar
- ⑤ Maize
- ⑥ Maize Pulses  
Sweet Potatoes Fruit
- ⑦ Wheat Grass Leys  
Barley
- ⑧ Maize Pulses  
Millets Fruit

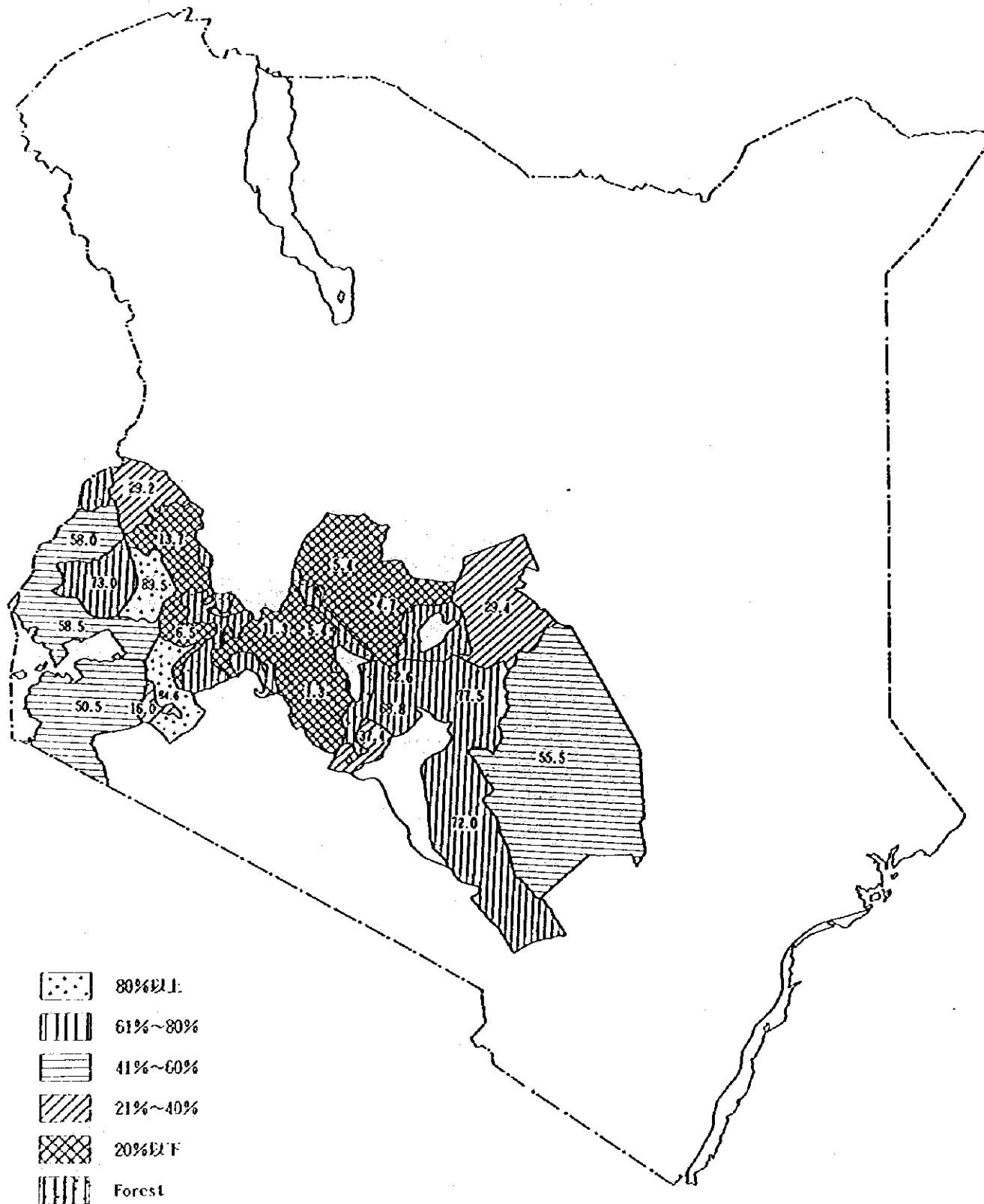
- ⑨ Sisal  
Coffee
- ⑩ Maize Pulses Millets  
Sweet Potatoes Cassava
- ⑪ Maize Pulses  
Millets Castor
- ⑫ Maize Grass Leys Wheat  
Sunflower Coffee
- ⑬ Wattle Tea  
Maize
- ⑭ Maize Pulses Wattle  
Potatoes Fruit
- ⑮ Wheat Grass Leys  
Sisal Maize
- ⑯ Sisal Coffee  
Sugar Maize

- ⑰ Wheat Grass Leys  
Pyrethrum
- ⑱ Wheat Pyrethrum Barley  
Grass Leys Oats
- ⑲ Maize Pulses  
Potatoes
- ⑳ Coffee
- ㉑ Maize Pulses Millets  
Yams Fruit
- ㉒ Sisal
- ㉓ Maize Millets  
Pulses Cassava
- ㉔ Tea
- Forest

# 9. 土地利用图 (平均耕作利用率) (1)

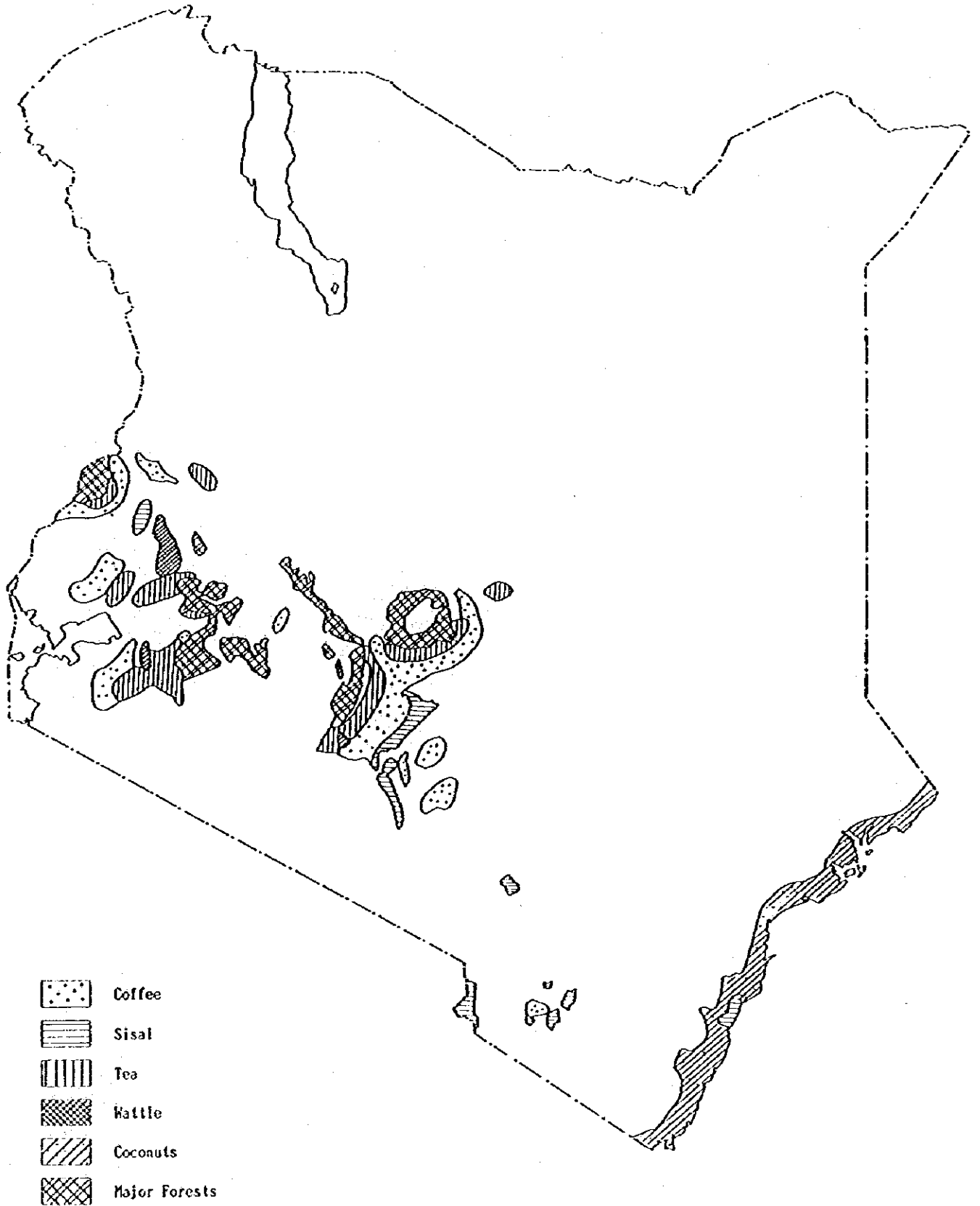


土地利用図（メイズ耕作利用率）（2）

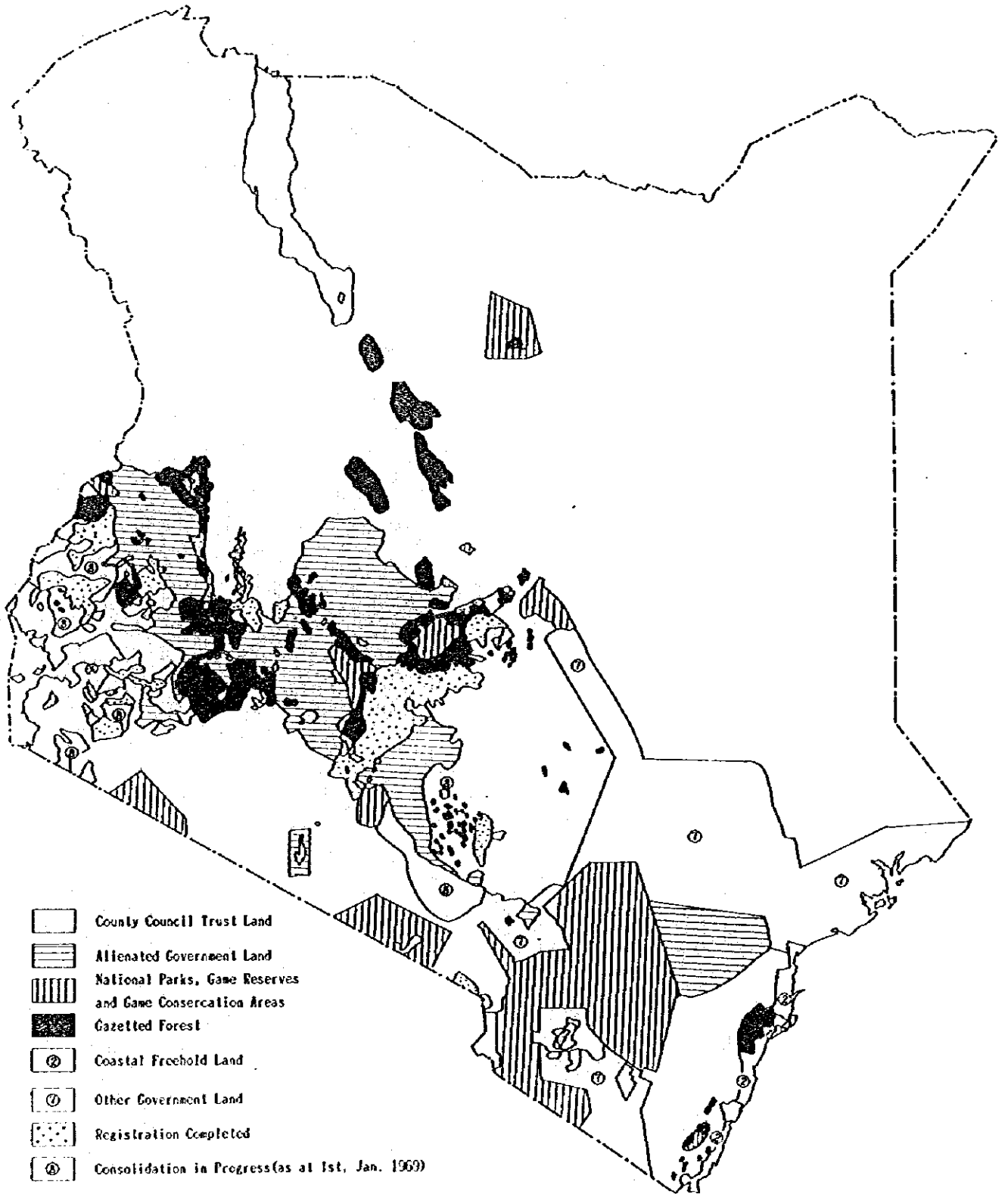




土地利用图（换金作物耕作地域）（3）

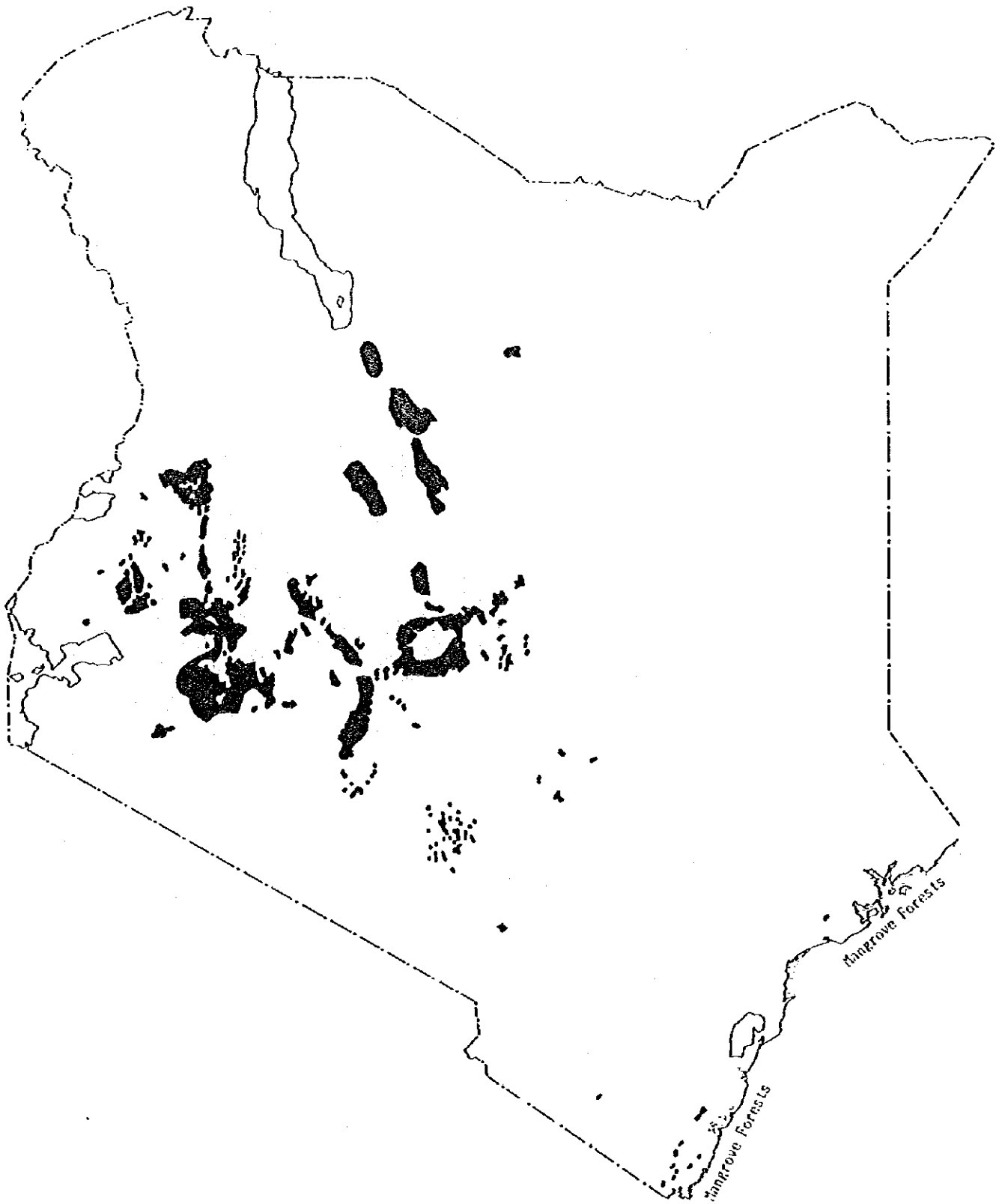


# 土地利用図（形態別）（4）

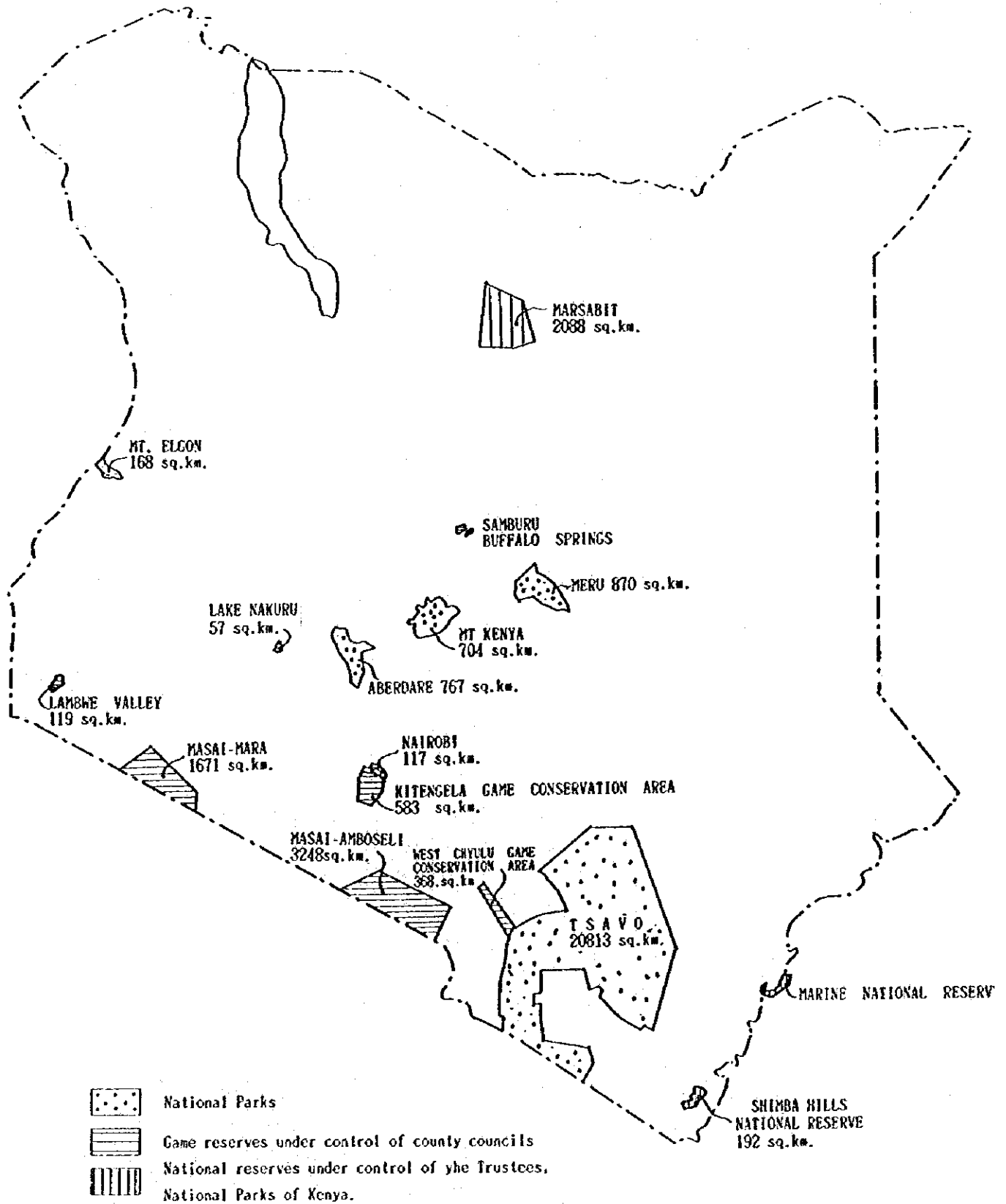


PRIVATE FREEHOLD LAND IN FORMER TRUST LAND AREAS

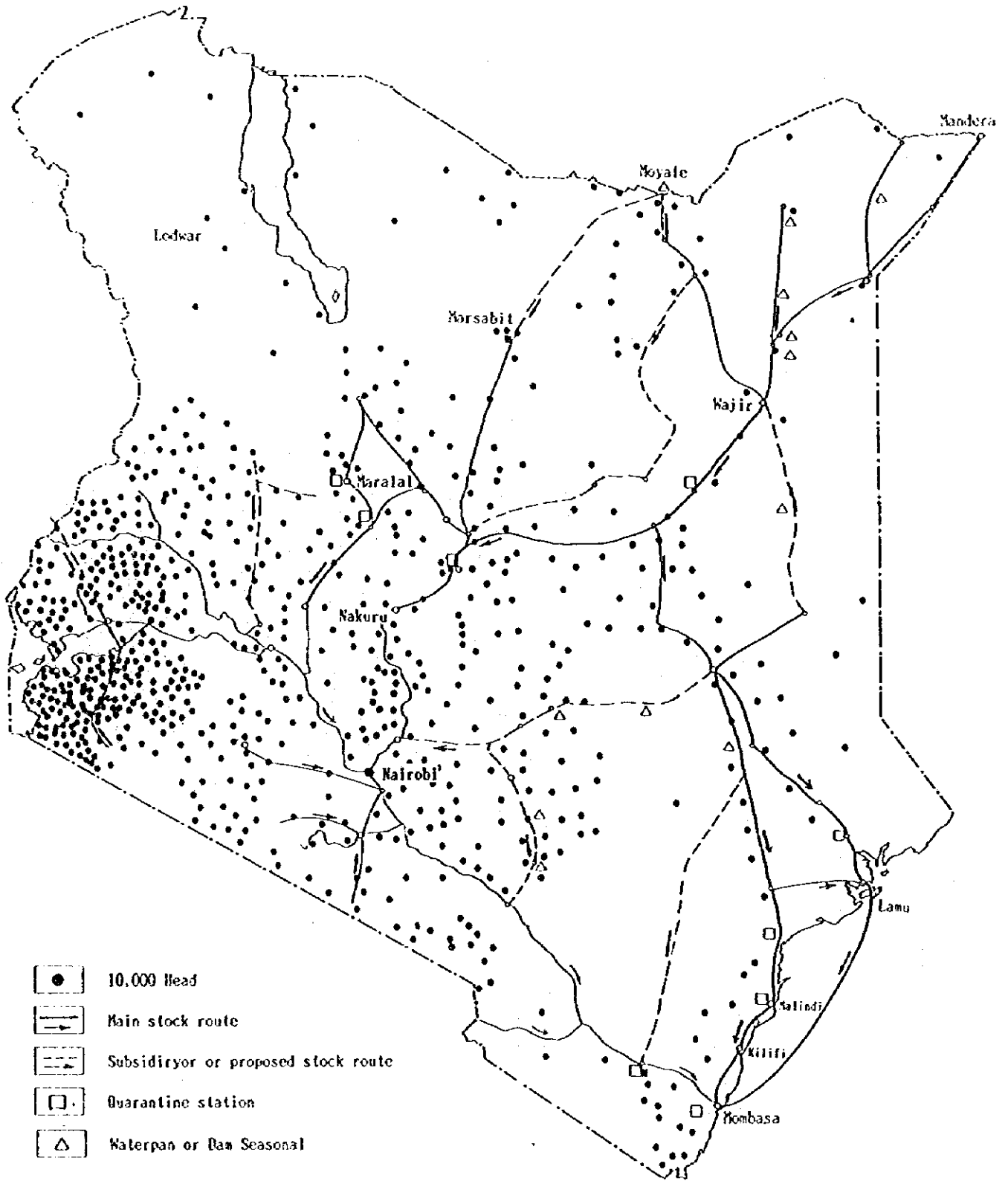
土地利用図（林業）（5）



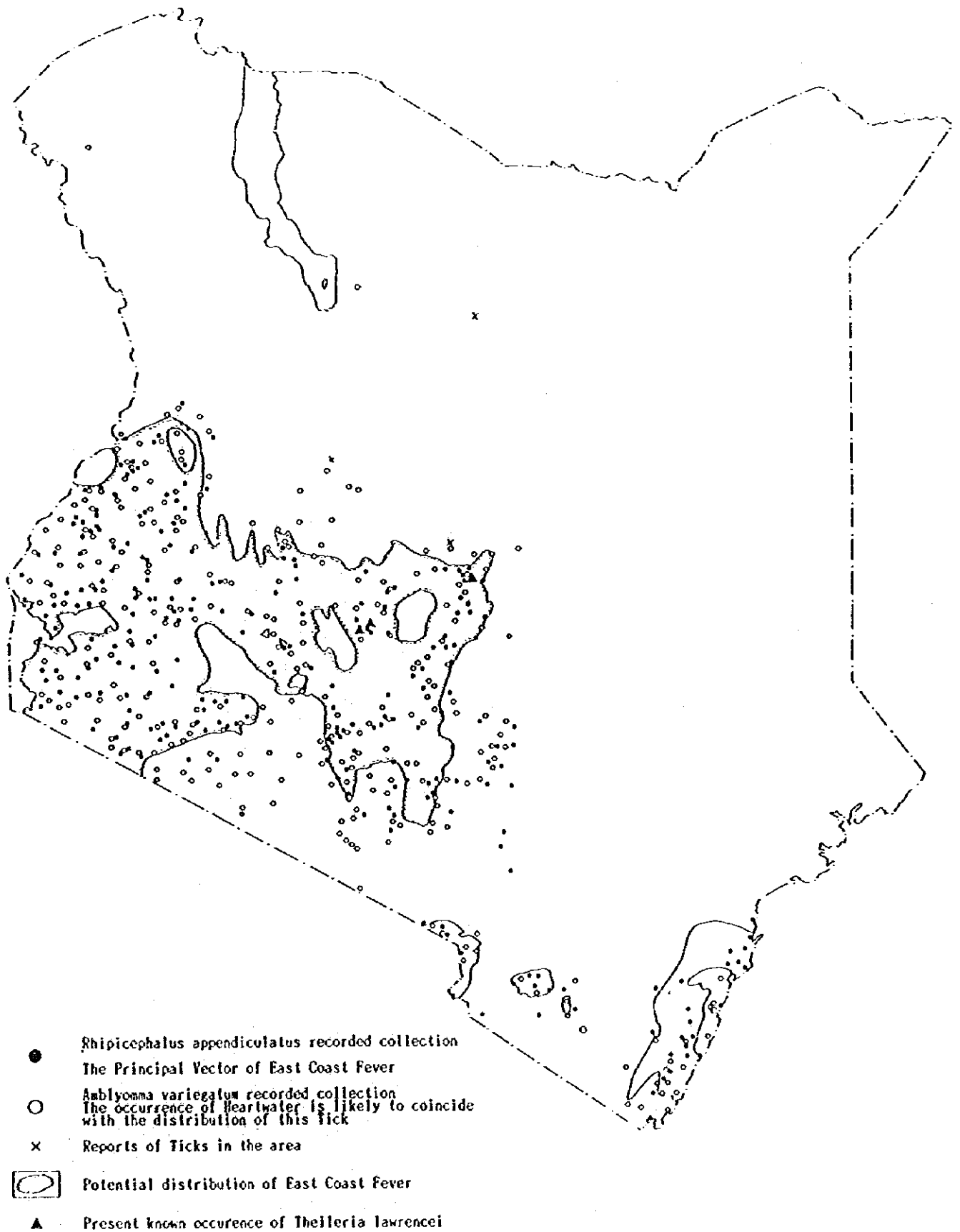
土地利用図（自然公園，動物保護図）（6）



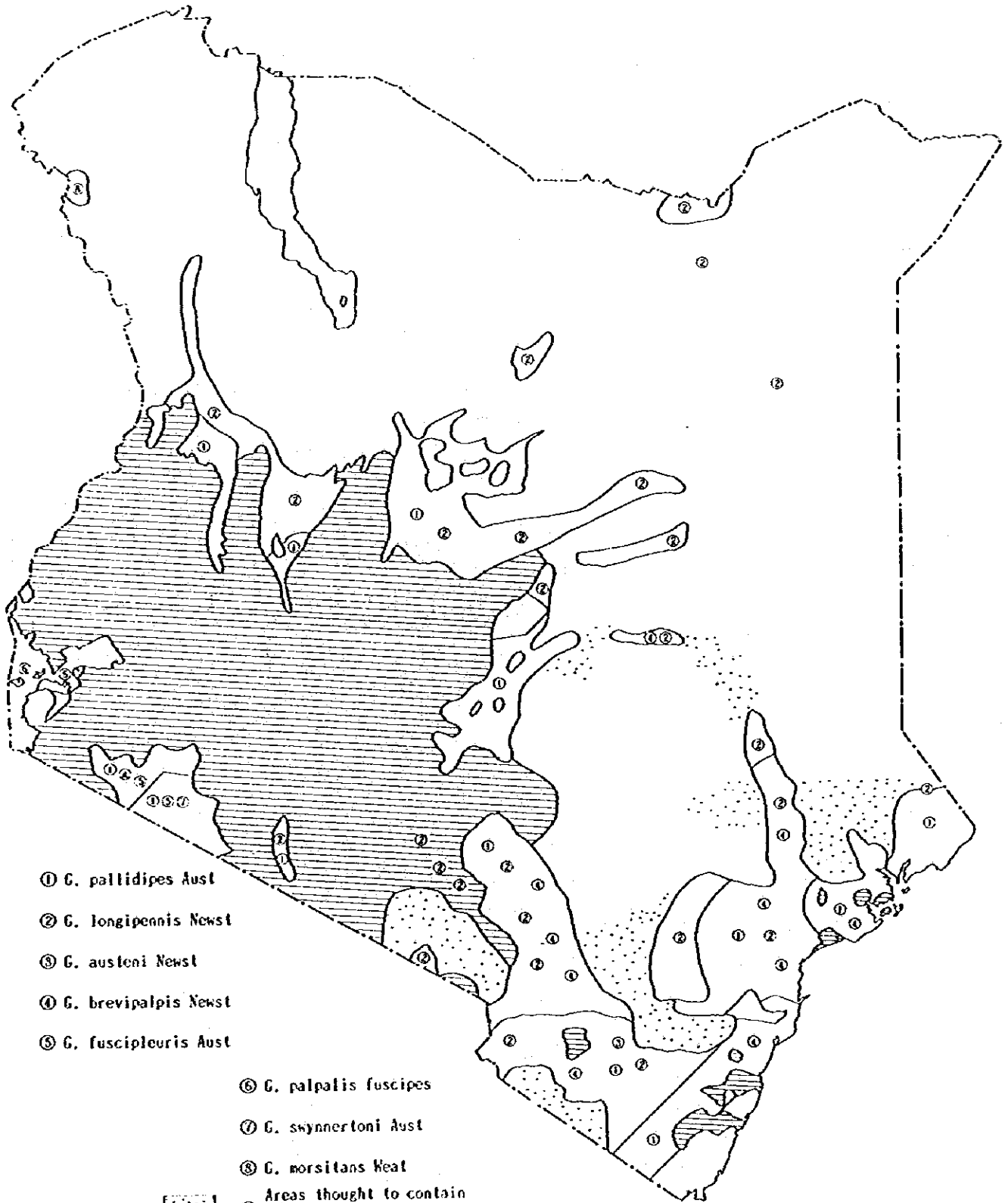
# 10. 家畜分布图



11. 風土病 家畜 (イーストコースト症) (1)



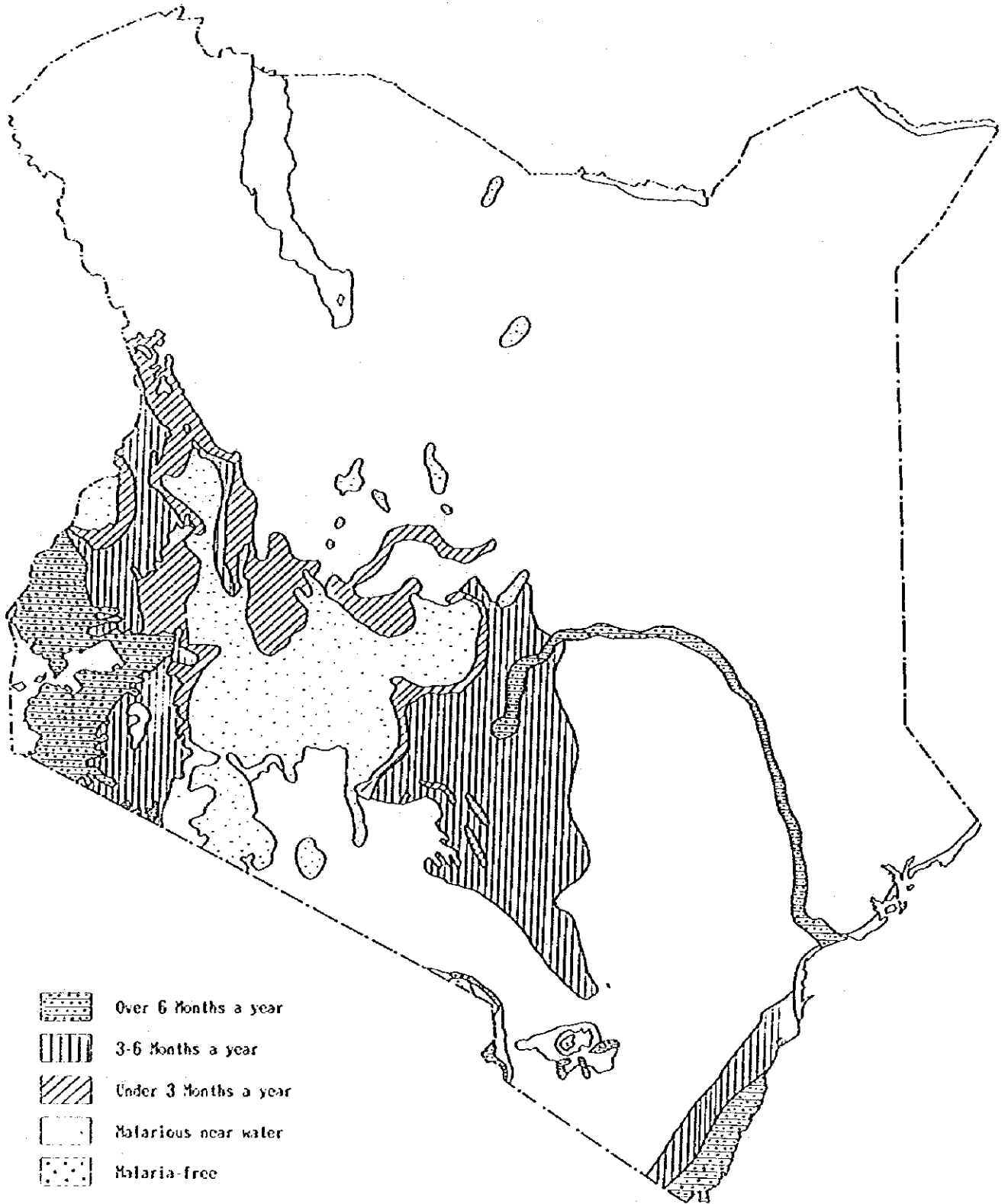
風土病 家畜(トリパノゾーマ症) (2)



- ① *G. pallidipes* Aust
- ② *G. longipennis* Newst
- ③ *G. austeni* Newst
- ④ *G. brevipalpis* Newst
- ⑤ *G. fuscipleuris* Aust
- ⑥ *G. palpalis fuscipes*
- ⑦ *G. swynnertoni* Aust
- ⑧ *G. morsitans* Heat
- ⑩ Areas thought to contain tsetse but unsurveyed
- ▨ Areas known to be tsetse free

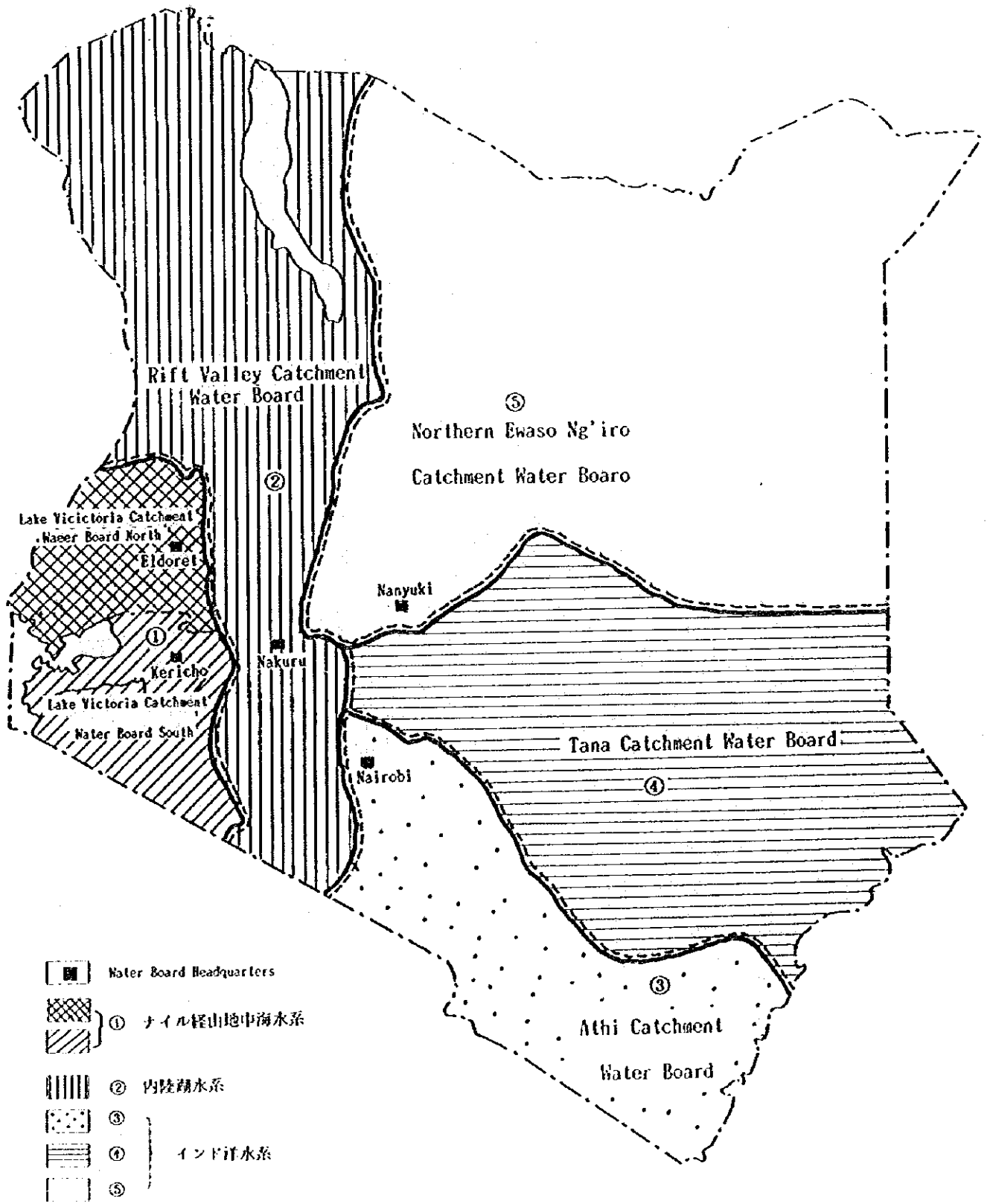
①～⑩の種はすべてAnimal Cycle

# 風土病 (マラリヤ症) (3)

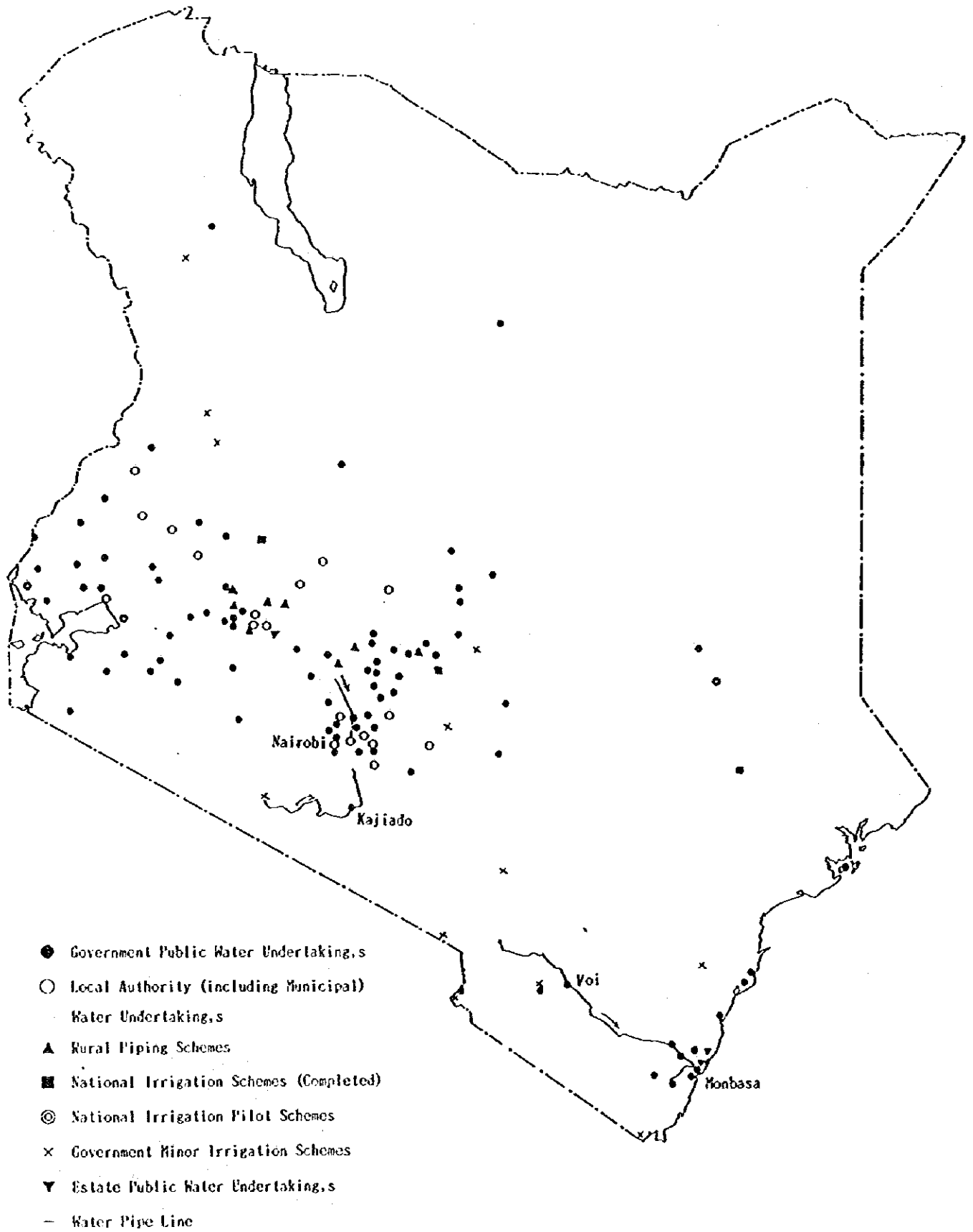




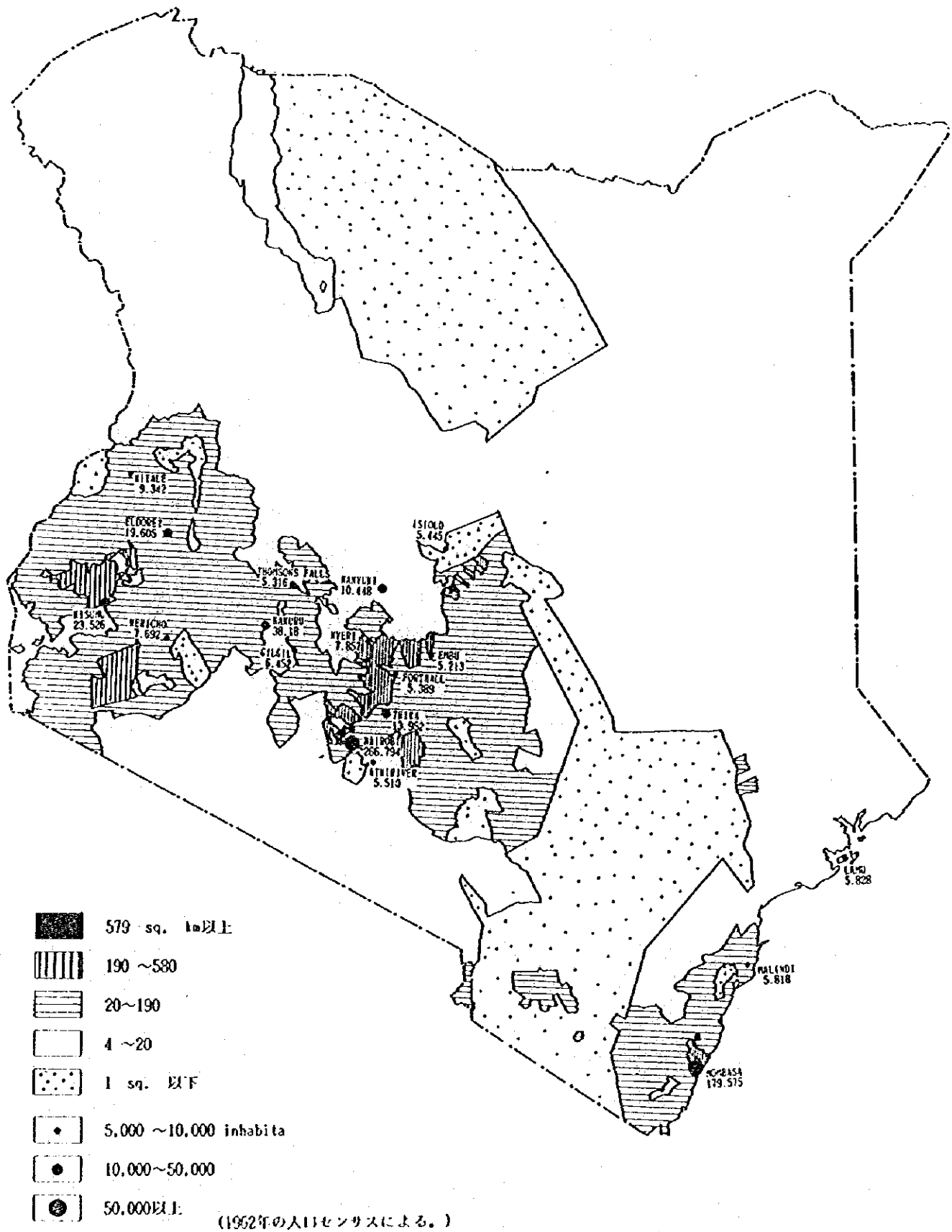
# 12. 水系図



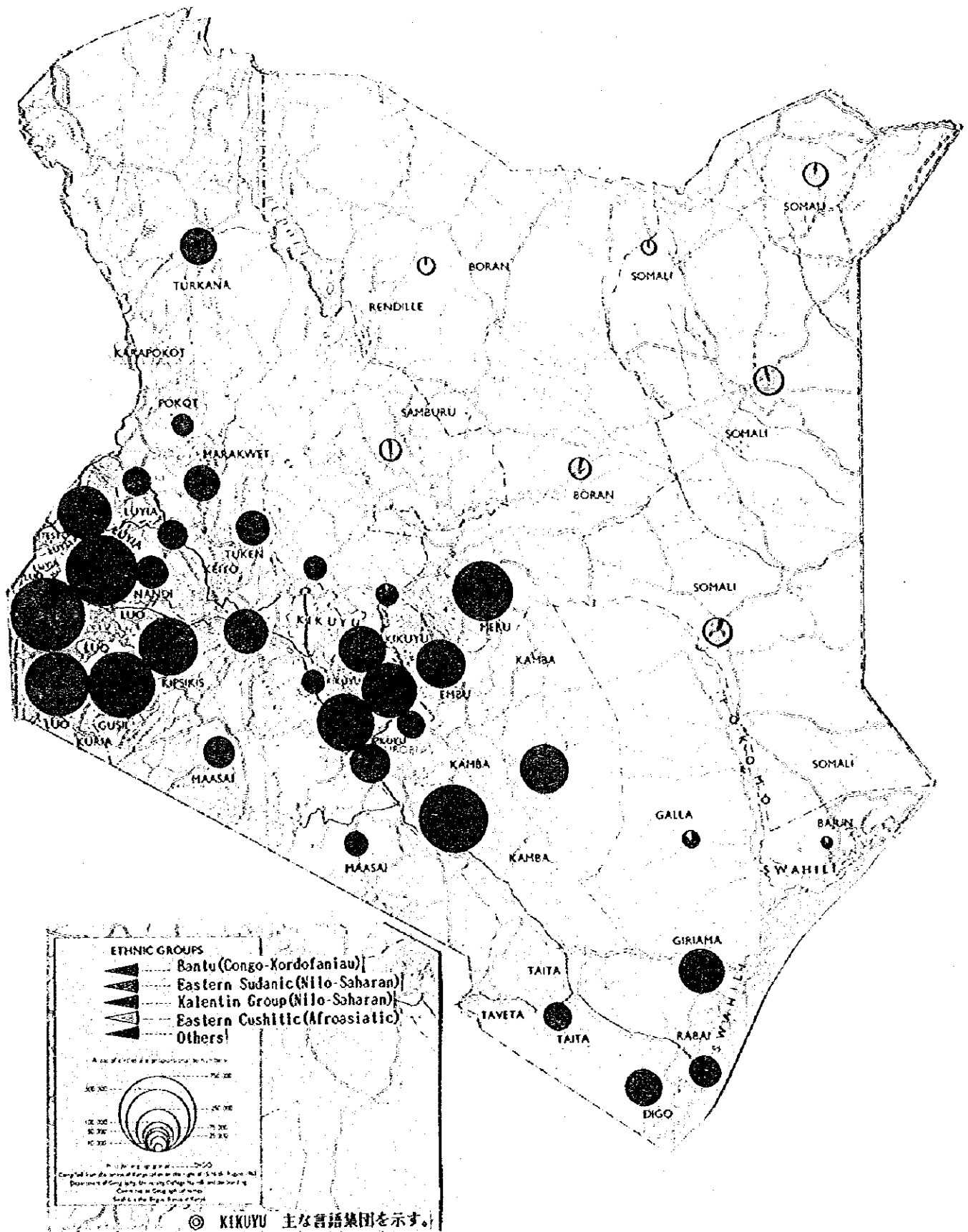
### 1 3 . 上水道利用図



# 14 人口図(分布)



# 15. 部族図 (分布) Ethnic Group





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